

Infrastructure Committee Agenda

Date: Thursday, 8 April, 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	
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6. 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, 11 March, 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 Vince Cocurullo
 Cr Nicholas Connop
 Cr Tricia Cutforth
 Cr Shelley Deeming
 Cr Jayne Golightly
 Cr Phil Halse
 Cr Greg Innes
 Cr Anna Murphy
 Cr Carol Peters
 Cr Simon Reid

Not in Attendance
 Cr Gavin Benney
 Cr Ken Couper

Scribe C Brindle (Senior Democracy Adviser)

Cr Martin advised the meeting that Item 4.1 Northland Regional Landfill Limited Partnership Statement of Intent would be taken after Item 5.2.

1. Declarations of Interest

Item 4.1 Northland Regional Landfill Limited Partnership Statement of Intent 2021-2022.

2. Apologies

Crs Gavin Benney and Ken Couper (absent) and Cr Shelley Deeming (late arrival)

Moved By Cr Greg Innes

Seconded By Cr Vince Cocurullo

That the apologies be sustained.

Carried

3. Confirmation of Minutes of Previous Infrastructure Committee Meeting

3.1 Minutes Infrastructure Committee Meeting held Thursday 11 February 2021

Moved By Cr Vince Cocurullo

Seconded By Cr Carol Peters

That the minutes of the Infrastructure Committee meeting held on Thursday 11 February 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

Item 4.2 was taken after Item 3.1.

Item 4.1 was taken after Item 5.2.

4. Decision Reports

Election of Chair – Item 4.1 Northland Regional Landfill Limited Partnership – Statement of Intent 2021-2022

Cr Martin declared a conflict of interest and indicated he would vacate the chair for Item 4.1.

Nominations for a Chair for Item 4.1 were called for. Two nominations were put forward, one nomination was subsequently withdrawn.

Moved By Cr Greg Martin

Seconded Cr Shelley Deeming

That Her Worship the Mayor is elected to chair Item 4.1.

Carried

4.1 Northland Regional Landfill Limited Partnership Statement of Intent 2021-2022

Moved By Cr Phil Halse

Seconded By Cr Shelley Deeming

That the Infrastructure Committee agrees to the draft Northland Regional Landfill Limited Partnership Statement of Intent 2021-22.

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

	For	Against	Abstain
Cr Greg Martin			X
Her Worship the Mayor	X		
Cr Vince Cocurullo	X		
Cr Nicholas Connop		X	

Cr Tricia Cutforth		X	
Cr Shelley Deeming	X		
Cr Jayne Golightly	X		
Cr Phil Halse	X		
Cr Greg Innes	X		
Cr Anna Murphy		X	
Cr Carol Peters		X	
Cr Simon Reid	X		
Results	7	4	1
		Carried (7 to 4)	

Declaration of Interest:

Cr Martin declared an interest as a Director of Whangarei Waste Ltd.

Cr Martin vacated the chair, withdrew from the table and took no part in discussions or voting on Item 4.1.

4.2 Parking and Traffic Bylaw Resolution: John Street One-Way

Moved By Cr Anna Murphy

Seconded By Cr Nicholas Connop

That the Infrastructure Committee, pursuant to the Whangarei District Council parking and traffic Bylaw 2017 Clause 7, approves that John Street between Dent Street and Robert Streets is specified as a road where vehicles may only travel in the south bound direction and cycles may travel in both directions.

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

	For	Against	Abstain
Cr Greg Martin	X		
Her Worship the Mayor	X		
Cr Vince Cocurullo		X	
Cr Nicholas Connop	X		
Cr Tricia Cutforth	X		
Cr Shelley Deeming	X		
Cr Jayne Golightly	X		
Cr Phil Halse		X	
Cr Greg Innes	X		

Cr Anna Murphy	X		
Cr Carol Peters	X		
Cr Simon Reid		X	
Results	9	3	0
		Carried (9 to 3)	

Cr Deeming joined the meeting at 9.04am during Item 4.2.

4.3 Oakura Wetlands Community Project – Review of the funding request for consent costs

Moved By Cr Greg Martin

Seconded By Cr Anna Murphy

That the Infrastructure Committee:

1. Notes the following recommendation adopted by the Infrastructure Committee on 11 February 2021:
“That the Committee approves staff to inform the Oakura community that they can make a submission to the 2021-31 Long Term Plan, or the Community Grant fund, for up to \$25,000 towards the Oakura wetland project resource consent.”
2. Approves up to \$25,000 in advance of the 2021-31 Long Term Plan towards assisting the Oakura community with the consenting costs for the Oakura wetland community project.
3. Notes that the Oakura Community will be making a submission to the 2021-31 Long Term Plan or the Community Grant fund for those funds.
4. Notes that should the Oakura Community application for funding through the 2021-31 Long Term Plan or the Community Grant fund not be approved, there will be a budget overspend of up to \$25,000.

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

	For	Against	Abstain
Cr Greg Martin	X		
Her Worship the Mayor		X	
Cr Vince Cocurullo	X		
Cr Nicholas Connop	X		
Cr Tricia Cutforth		X	
Cr Shelley Deeming	X		

Cr Jayne Golightly	X		
Cr Phil Halse	X		
Cr Greg Innes		X	
Cr Anna Murphy	X		
Cr Carol Peters	X		
Cr Simon Reid	X		
Results	9	3	0
		Carried (9 to 3)	

5. Information Reports

5.1 Contracts Approved Under Delegated Authority

Moved By Cr Anna Murphy

Seconded By Cr Nicholas Connop

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

Carried

Cr Halse requested his vote against be recorded.

5.2 Infrastructure Operational Report

Moved By Cr Tricia Cutforth

Seconded By Cr Vince Cocurullo

That the Infrastructure Committee notes the Infrastructure Operational Report update.

Carried

6. Public Excluded Business

There was no business conducted in public excluded.

7. Closure of Meeting

The meeting concluded at 11.03am.

Confirmed this 8th day of April 2021

Councillor Greg Martin (Chairperson)

4.1 Contracts Approved Under Delegated Authority

Meeting: Infrastructure Committee
Date of meeting: 08 April 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. Roothing	
CON21016	Te Matau a Pohe and Kotuitui Whitinga – Minor Works 2021
2. Water Services	
CON21003	Kamo Road Watermain Replacement 2021
3. Parks and Recreation	
CON19005	Matapouri Beach Sand Replenishment
CON20053	Pohe Island Playground Construction

4 Significance and engagement

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

5 Attachments

1. Summary of Contracts Approved Under Delegated Authority April 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 Roading

CON21016

Te Matau a Pohe and Kotuitui Whitinga Bridges – Minor Works 2021

Purpose

To award a new contract for Te Matau a Pohe and Kotuitui Whitinga Bridges – Minor Works 2021 (Contract 21016) for a contract value to \$98,021.00 excluding GST.

Background

Contract 17040 for the Te Matau a Pohe & Kotuitui Whitinga Bridges – Minor Works 2018 was awarded to Whangarei Construction Ltd for a price of \$122,087.28 excluding GST on 12 October 2018.

This contract was for the maintenance and cleaning of all the structural components of these bridges. The contract had term of 2 years.

A performance appraisal has been undertaken using the Council's PACE evaluation template. Based on this appraisal, the contractors' performance has been assessed as being adequate with a score of 77%. This is higher than the minimum score of 70% usually specified in WDC contracts for a contract roll-over to be considered. Therefore, a new term contract (Contract 21026) has been negotiated with the incumbent contractor, Whangarei Construction Ltd. The term of this contract is 20 months to tie in with the scheduled cleaning campaign cycle.

Procurement

The estimated contract value of Contract 21016 for the Te Matau a Pohe & Kotuitui Whitinga Bridges – Minor Works 2021 was less than \$100,000.00. This met the NZ Transport Agency Procurement Manual and the NTA Procurement Strategy criteria for Direct Appointment. On this basis, a tender was invited from the incumbent structural maintenance contractor Whangarei Construction Ltd who have done an excellent job of cleaning and maintaining the structure over the last 7.5 years. Tenders closed on 9 December 2020.

The result of the tender evaluation process is described in the table below:

Tender	Tender Price (excl GST)
Whangarei Construction Ltd	\$98,021.00
Engineer's Estimate	\$93,068.13

The Whangarei Construction Ltd tender was found to be conforming and is therefore the preferred tender. Whangarei Construction Ltd are also the incumbent structural maintenance contractor and have a good track record.

A check of the tender found that there were no arithmetic errors.

Financial

The Whangarei Construction Ltd tender price of \$98,021.00 (excluding GST) is 5% higher than the Engineer's Estimate of \$93,068.13 (excluding GST). After the discussions with Whangarei Construction Ltd, it appears that their rates are reasonable, and that the Engineer's Estimate was undervalued on a couple of items.

This work will be funded through the council's approved Road Maintenance budget.

Group Manager Approval

That the contract for Te Matau a Pohe and Kotuitui Whitinga Bridges – Minor Works 2021 (Contract 21016) be awarded to Whangarei Construction Ltd for a price of \$98,021.00 (Ninety-eight thousand and twenty-one dollars and zero cents) excluding GST.

2.0 Water Services

CON21003 Kamo Road Watermain Replacement 2021
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Introduction

The 150mm diameter watermain in Kamo Road has broken several times over the past 24 months. An analysis of this main has determined that it has reached the end of its useful life.

This project is for the replacement of 750m of 150mm diameter AC watermain in Kamo Road and 150m of 150mm diameter AC watermain in Braintree Street.

Funding has been provided through the Three Waters Reform grant funding program.

Procurement Process

As per the procurement plan an open tender process was used. The contract was publicly advertised on Tenderlink on 26 January 2021 and closed on 19 February 2021 at 3.30pm.

Tenders Received and Evaluated

Two tenders were received as follows:

Tenderer	Price (Excl GST)
Northern Pipe and Civil	\$ 524,720.00
United Civil Construction	\$ 945,421.75
Engineer's Estimate	\$ 608,799.10

The evaluation method was lowest price conforming.

The Northern Pipe and Civil tender were found to be conforming. Northern Pipe and Civil are a new company who have staff with experience in delivering similar contracts. They have the required resources, experience and knowledge of our Engineering Standards to undertake the work.

Financial

The lowest tender is 14% lower than the Engineers estimate. This is believed to be realistic and market related.

An amount of \$ 700,000.00 was allocated to this project under the Three-waters reform grant funding secured via the signing of the Three-waters reform Memorandum of Understanding (MOU) by Whangarei District Council.

Chief Executive Approval

The contract for Kamo Road Watermain Replacement 2021 (CON21003) be awarded to Northern Pipe and Civil Ltd for the tendered sum of \$524,720.00 (Five hundred and twenty four thousand, seven hundred and twenty dollars and zero cents) excluding GST.

2.0 Parks and Recreation

CON19005 Matapouri Beach Sand Replenishment

Introduction

The existing beachfront at Matapouri Beach has been eroded over the past 14 years, since the last round of sand replenishment works that was undertaken in 2007, the majority of the sand from the beach has deposited in the estuary behind the beach. The existing access point from Te Wairoa Street down on to the beach and native sand binding planting are in poor condition due to the erosion.

CON19005 covers the excavating of up to 15,000 cubic metres of sand from the Matapouri estuary, transportation by road to Matapouri Beach, and placement and contouring. The works includes surveying, installing erosion marker poles, and construction of two beach access stairways, and repairs of an existing one.

The purpose of the proposed beach replenishment project is to enhance the aesthetics and amenity value, to protect the natural character of Matapouri Beach, and to protect the newly constructed sand dunes by restricting access and providing 2 new public stairways on to the beach.

Procurement Process

The contract was publicly advertised on Tenderlink and closed on the 25 February 2021 at 3.30pm. Five tender responses were received.

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

The pre-condition criteria were pass/fail, and a fail meant the supplier would be excluded from further evaluation.

Two non-price attribute questions were scored by the evaluation team.

Tenders Received and Evaluated

Five tenders were received as follows:

Tenderer	Pre-conditions	Non-Price Attributes Weighted Sum	Proposal Price (Excl. GST)	Supplier Quality Premium	Adjusted Tender Price (Excl GST)
Clements Contractors Ltd	Pass	11.0	\$594,415.97	\$15,000.00	\$579,415.97
Earthworx Rural Civil Ltd	Pass	12.0	\$540,102.30	\$30,000.00	\$510,102.30
Northland Transport Ltd	Fail	N/A	N/A	N/A	N/A
TCD Civil Construction	Pass	10.0	\$709,659.39	\$0.00	\$709,659.39
United Civil Construction Ltd	Pass	13.0	\$420,960.16	\$45,000.00	\$375,960.16
Engineer's Estimate			\$592,970.00		

United Civil Construction Limited has the highest scored price quality premium submission. An arithmetic check was carried out on their submission, no errors were found in the Tenderer's Schedule of Prices or Form of Tender.

Financial

This project will be paid out of Matapouri Seawall, PJ00068, which has a budget of \$491,033.00 this financial year 2019/20. This leaves \$70,072.84 for pre-works baseline surveying, fencing and planting works.

Chief Executive Approval

The contract for Matapouri Beach Sand Replenishment (CON19005) be awarded to United Civil Construction Limited for the tendered sum of \$420,960.16 (Four hundred and twenty thousand, nine hundred and sixty dollars, and sixteen cents) excluding GST.

CON20053 Pohe Island Playground Construction

Introduction

This procurement is for the construction of a new Playground on Pohe Island.

The scope of works includes earthworks, drainage, concrete footpath construction, provision of continuous pour cushion fall, installation of seating, rubbish bins and drinking fountains, manufacture and installation of shade sails, assistance with the installation of new play equipment and landscape planting. This Contract will require considerable planning and co-ordination with subcontractors.

Procurement Process

The works were procured using a two-stage process. A Registration of Interest was publicly advertised on Tenderlink and closed on Friday 1 December 2020 at 3:30pm. Attributes from the submitters were evaluated and the three highest scoring Tenderers were invited to submit a price proposal for the work. This submission closed on Friday 5 February 2021 at 3.30pm.

Tenders Received and Evaluated

Three tender prices were received and were evaluated using Lowest Price Conforming methodology. An arithmetic check was carried out and no omissions were found.

Contractor	Tender Amount (excl. GST)
Steve Bowling Contracting	\$ 2,266,554.45
Robinson Asphalt 1992 Ltd	\$ 2,261,721.53
	\$ 2,174,549.58
United Civil Construction	\$ 1,689,161.21
	\$1,609,911.92
Engineer's Estimate	\$2,309,284.10

United Civil Construction (UCCL) submitted the lowest conforming tender. A pre-award meeting was held with UCCL to discuss their price submission and their Tags. UCCL indicated that they would not withdraw Tag 4:

"Our offer is subject to agreeing a mutually acceptable date for the commencement of works and due Date for Completion. "

As this had financial implications. UCCL was asked to price this Tag and this increased their tendered price by \$104,950.00 excluding GST. This price was considered reasonable and increased their conforming price submission to \$1,794,111.21. This price is still \$467,610.32 lower than the next Tenderer.

All other tags were either accepted or withdrawn.

Financial

This project is funded from Pohe Island Playground Funding (PJ 00295). The work will not begin until October 2021. \$1,440,429 will be carried over from the 20/21 financial year and the remaining \$353,682.41.21 will be funded from the 21/22 Pohe Island Playground Budget as detailed in the 21/31 LTP.

Chief Executive Approval

The contract for the Pohe Island Playground Construction (CON20053) be awarded to United Civil Construction Ltd for the final tendered sum of \$1,794,111.21 (One million, seven hundred and ninety-four thousand, one hundred and eleven dollars and twenty-one cents) excluding GST.

4.2 Infrastructure Operational Report

Meeting: Infrastructure Committee
Date of meeting: 8 April 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 February - March 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 – February 2021

Infrastructure Group

Monthly Operational Report

February 2021

Infrastructure Monthly Operational Report

Reporting Officer: Simon Weston (General Manager Infrastructure)

Date: April 2021

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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	Nov-21	
Amphitheatre is completed. Water feature, hard landscaping, lighting and toilets are being progressed.				
Town Basin Wharf & Boardwalk Renewals	Construction	Jan-21	Oct-21	
Piling due to be completed by March 19.				
Ball Clock (3rd party project)	Final drawings	Aug-20	Apr-21	
Off-site fabrication of ball clock progressing.				
Town Basin Bus Facilities Upgrade	Design	Feb-21	Aug-21	
First concept reviewed, initial engineering assessment on Clapham's positive, tree relocation workable.				
Pohe Island Destination Playground & Public Toilets	Tender Awarded	Oct-21	Feb-22	
Tender has been awarded to United Civil Construction.				
Pohe Island Skate Park	Construction	Jul-20	Mar-21	
Project completed 9 March 2021. Opening on 12 March 2021.				
Pohe Island Master Services Installation	Tender	Apr-21	Aug-21	
Only one tender received, negotiations underway. Contract includes WW Rising Main replacement.				
Tamaterau Carparks Upgrade (TIF funded)	Design & Consenting	Oct-21	Jan-22	
Cultural impact assessment received and reviewed. Further meeting with hapu in March.				
Restoring the Mauri of Matapouri Stg 1 (TIF funded)	Investigation & Design	Oct-19	Nov-21	
Recycling & rubbish facilities installed. Investigating toilet options. Works on estuary dune protection early 2021.				
Abbey Caves Car Park & Public Toilets (TIF funded)	Construction	Mar-21	Sep-21	
Physical works contract awarded. Construction commencement planned for March 2021.				
Quarry Gardens Carparks	Investigation & Design	Jun-21	Feb-22	
CIA due end of March for the consent application. Stream repairs from June, carpark construction from September.				
Major Projects - Parks & Recreation				
Matapouri Beach Restoration	Procurement	Apr-21	Oct-21	
Moving of sand planned Apr-Jul 2021. Tender being evaluated. Baseline surveys underway.				
Princes Road Seawall Renewal	Physical works	Apr-21	Jul-21	
Contract awarded to Huband Contractors. Work scheduled to start April.				
Ruakaka Sports Fields (Sand Removal)	Physical works	Sep-20	Aug-21	
57,000m ³ of sand removed. 27,000m ³ still to remove. Removal on hold until Autumn due to dust.				
Ngunguru Seawall Renewal	Design	TBC	TBC	
Redesign underway after parts of consent declined relating to reclamation. Preliminary design being prepared.				
Town Basin Lighting Renewals	Construction	Apr-21	Jun-21	
Tender awarded. Pole & Luminaires being procured. Works scheduled for April.				
Tikipunga – Sports Field Improvements	Practical Completion	Nov-19	Sep-21	
Field 10 is in kikuyu turf establishment and maintenance period. Handover of field 10 planned for end of March.				
Pyle Road West Seawall Renewal	Procurement	May-21	Jul-21	
NRC & WDC consents granted. Tender documentation to be prepared and released mid-March.				
Waipu Youth Activity Zone - Skatepark	Design	Oct-21	Dec-21	
Design complete. Preparation for procurement is underway.				
Cobham Oval Carpark Upgrade	Construction	Oct-20	Jun-21	
Construction commenced October, completion due June 2021.				
Frank Holman Track Renewal	Consenting	Apr-21	Jun-21	
Consent application in progress.				

Major Projects - Water				
Whau Valley Water Treatment Plant	Construction	Mar-19	Jun-21	
Commissioning commencing March.				
Major Projects - Waste & Drainage				
Whangarei WWTP Discharge Consent Renewal	Options Assessment	n/a	Apr-21	
An assessment of air discharge (odour) to be carried out to update an existing model built in 2014				
Stormwater Network Consent Applications	Technical Reports	n/a	Dec-21	
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 due 12 March 2021				
Major Projects – Venues & Events				
NEC Lighting Upgrade	Construction	Feb-21	May-21	
All new towers erected and old towers removed. Electrical underway. Commissioning starting 29 March.				
NEC Replacement Roof	Exercise	Jan-21	Apr-21	
A value engineering exercise is being undertaken. Due end of April 2021.				

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	Construction	Nov-20	Apr-21	
Renewal of 800m PVC main. Nearly complete.				
Rewarewa Rd Watermain Renewal	Construction	Dec-20	Apr-21	
Renewal of 800m AC main. Brought forward to align with roading project. Final testing underway				
Kamo Rd Watermain Renewal	Design	Apr-21	Aug-21	
Renewal of 900m AC main. 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	Aug-21	
Addition of 2 nd stage filters, PAC dosing, dangerous goods and storage areas. Variation awarded				
Poroti Water Treatment Plant - Design	Design	n/a	Mar-22	
Design only, brought forward due to 2019-20 drought and 2020 floods to provide supply resilience.				
Water Filling Points	Design	Feb-21	Mar-22	
One new filling point completed.				
Leak Detection – Water Supply Network	Investigation	n/a	Mar-22	
Work commenced. Leaks found through investigation will be fixed under the maintenance programme.				
Network Modelling – Water & Wastewater	Design	n/a	Mar-22	
Updates to water models, and the Whangarei and Bream Bay wastewater models.				
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.				
Asset Data Improvements – 3 Waters	Investigation	n/a	Mar-22	
A programme of asset data (eg survey) capture and updating of asset records across 3 waters.				
Enhanced Water Testing at Laboratory	Design	Apr-21	Sep-21	
Increase quality and capacity for testing of water supplies, stormwater and wastewater discharges.				
Hikurangi WWTP – Inlet Screen & Plant Upgrades	Design	Mar-21	Mar-22	
Civil work for inlet screen progressing well. Screen due in May. Long term monitoring equipment procured.				
Ngunguru WWTP – Inlet Screen	Completed	Jan-21	July-22	
Civil work for the inlet screen complete. Screen due in May.				
Oakura WWTP – UV Upgrade	Completed	Jan-21	Feb-21	
UV upgrade completed.				

Ruakaka WWTP – Wetland Upgrade	Initiation	Jul-21	Mar-22	
Desludging of existing wetland requires resource consent. At risk, backup project ready to go instead.				
Whangarei WWTP Building Seismic Upgrade- Design	Investigation	n/a	Mar-22	
Initial report received and reviewed. Design options under investigation.				
Kauika Rd Wastewater Upgrade - Design	Initiation	n/a	Mar-22	
Design completed. Preparing to tender construction as a backup project.				
Heretaunga St Wastewater Upgrade - Design	Initiation	n/a	Mar-22	
Investigation and design of wastewater network upgrades to address surcharge and overflow issues.				
Te Ao Maori Decision Making Model (CCAP)	Initiation	n/a	Mar-22	
Development of a model to inform decision making on climate change and 3 waters management.				
Matauranga Maori Report & GIS Capture	Initiation	n/a	Mar-22	
Information capture and reporting to inform multiple council and hapu processes, strategies and plans.				
Three Waters Reform Options for Northland	Investigation	n/a	Jun-21	
Investigation and reporting on preferred three waters reform options for Northland.				
Three Waters Request for Information	Reviewing	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	Mar-21	Jun-21	
Construction is planned to start in March.				
Tikipunga - Heretaunga St Sewer Upgrade Stage 1	Construction	Feb-21	Jun-21	
Construction underway				
Marsden Bay-Ruakaka WWTP Rising Main Upgrade	Design	Jul-21	Dec-21	
Design underway.				
CON20061-Cove Rd-Waipu WWTP Rising Main Replacement	Construction	Apr-21	Aug-21	
Construction to commence in April.				
CON21007 - Kauika Road Sewer Diversion	Tender	TBA	TBA	
Preparation of tender documents to construct a diversion sewer line at Kauika Rd down 1 st Ave is underway				

Water Services

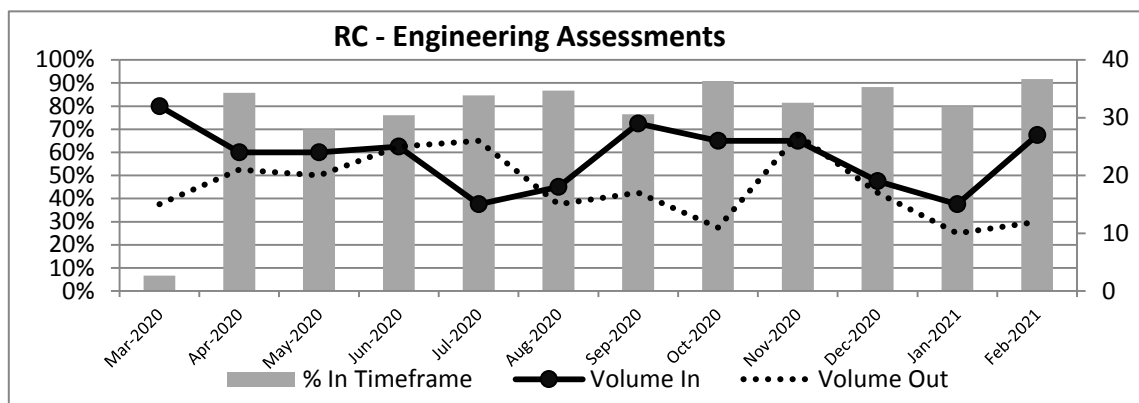
Water Services Projects	Current Stage	Estimated Construction Start Date	Estimated Completion Date	RAG Status
Water Treatment Plant Upgrades	Construction	Sep-20	Jun-21	
Various works, programme being developed.				
Meter Replacements	Design	Jan-21	Jun-21	
Focus on large and bulk meters, work started after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

Roading

Roading Projects	Current Stage	Estimated Construction Start Date	Estimated Completion Date	RAG Status
LED Street Lighting – Supply & Install (V Category)	Construction	Jul-19	Jun-22	
Retrofit completed. Southern infill contract - city work nearly completed. Northern infill contract well underway.				
KSP Stage 5 (Final link to Kamo Village)	Detailed Design	Feb-21	Jun-23	
PR020003 Funding for detailed design complete. Business case accepted and detailed design well underway.				
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	
Preliminary design underway. Investigations ongoing for services, geotechnical and contaminated land.				
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)	Consents/Procurement	Jan-21	Apr-21	
Detailed Design complete, consent application submitted, procurement planned for March/April 2021.				

Infrastructure Development

Development Engineering



New Applications

Development	Location	Size (Lots)
Traverse Limited	Ngunguru	32
Kainga Ora – 20 residential units	Kamo	21
Health Clinic	Kamo	1
Several 2 – 8 Lot developments and Land use applications for new single buildings	Various	

Engineering Plans

Development	Location	Size (Lots)
Jessie Trust – Stage 1	Sands Road - Tikipunga	8
WFH The Landing Stage 4	One Tree Point	56
Logyard Road	Port Road	9
SS Developments	Otaika	5

Developments under construction

Development	Location	Size (Lots)
Puriri Park	Puriri Park Road	37
Breambay Village	One Tree Point	75
Nova Scotia	Waipu	18
Marsden Cove Ltd	Stace Hopper Drive, One tree Point	70
Slatter	Te Hape, Maunu	12
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

The number of applications received in February for Engineering assessment were 27, an increase from the 15 received in January. A total of 12 reports were issued and 12 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 8-day level of service for engineering report delivery was 92% in January, an increase from 80% achieved in January.

The team has been working hard to improve the delivery times. Reliance on external consultants is still ongoing when staff take leave, or we have more applications come in than we can resource. A total of 74% of applications were processed by Council staff in February or 20 out of the 27 received.

We are still adjusting to the new District Plan Rules; new applications are currently being assessed against both operative and decision versions of the District Plan.

We receive input from Geotechnical and Stormwater experts as part of the Engineering plan review process due to some sites being subject to high instability risk and flooding hazard areas. Internal staff don't have the expertise to assess these more complex sites.

Our staff recently received RAMM viewing access and high-level training to assist us in viewing Roadway assets; information required in the Land Development process.

The Development Engineers continue to support other departments and are currently assisting the Parks department with inspections for projects in Ruakaka and Pohe Island.

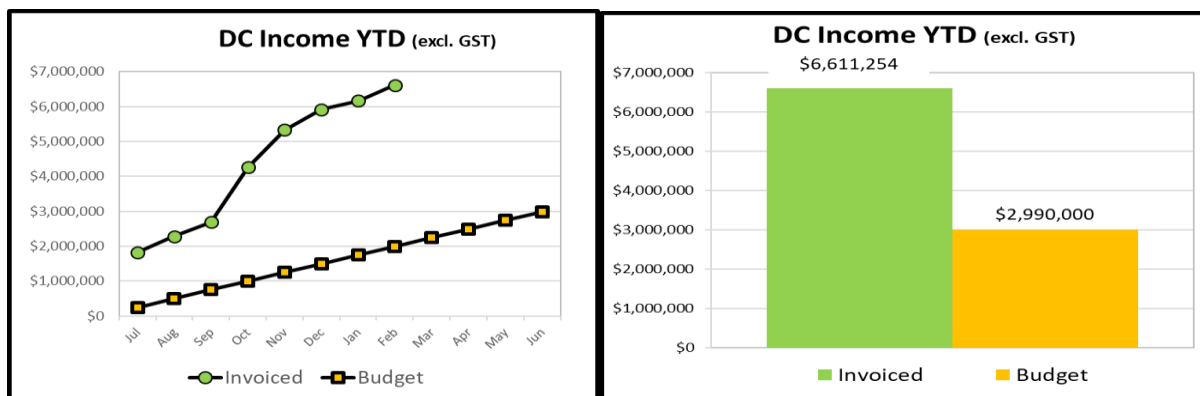


Earthworks underway on Sands Road Development

Development Contributions

February revenue recovery was \$446,705 with 18 applications assessed as requiring contributions.

Of note is an increase in enquiries about establishing second dwellings on sites and pre-lodgement enquiries for subdivisions for two larger subdivisions 30 and 70 lots.



Infrastructure Support

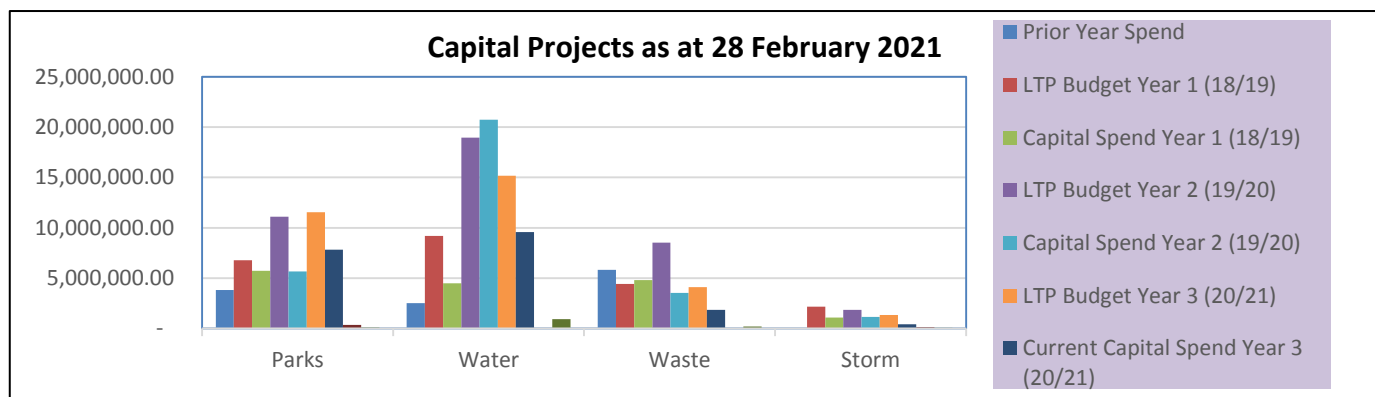
Contract claims processed for the month of February were 50. 341 purchase orders were processed by the team for February. Business as usual in other areas with 57 Public Utilities processed in February an increase of 22 since last month.

Capitalisation of Assets

Current year spend of \$19,682,169.82 which includes \$7,304,045.54 of work carried out for the new Water Treatment Plant. LTP figures for 20/21 year have been updated, there may be some slight changes made in the next few weeks.

Below is the January graph showing a total Works In Progress (WIP) balance of \$48,298,054.93 across Water, Waste and Parks, which includes \$27,069,214.02 spend to date on the new Whau Valley Treatment Plant. Part of the remaining balance (3,113,814.95) is prior year projects waiting to be capitalised.

Over the next few months we will start to focus on capitalising all completed projects and reducing the WIP balances in preparation for year end and the SIMGA project go live date.



SIGMA Project – Asset Management System upgrade

First round of testing is nearing completion with multiple issues appearing that we are still working through. Many of those are around processes and understanding how to use the system. The next round of testing is to take place at the end of March. There should be a better understanding of the system which will result in a smoother testing round.

LTP Infrastructure workstream

Audits of the Infrastructure Strategy and Activity Management Plans (AMP) have been completed. The AMP Documents were approved at the February council meeting for consultation. LTP consultation has started with infrastructure department managers attending public meetings to answer questions.

Update to the Engineering Standards

The Engineering Standards (ES) are currently being finalised by each infrastructure department. This document will replace the current Environmental Engineering Standards (EES 2010). Once all changes have been confirmed (due date Friday 12 March 2021) the ES will be updated to include the changes and associated drawings. Once this stage is complete council will be holding workshops with relevant industry members for discussion and review.

Health and Safety

Health and Safety Risk Update February 2021

Staff reported incidents

Type of incident	#	Description
Lost time Injury	2	<ul style="list-style-type: none"> A water operator strained his back after repetitive lifting, then as lifting a heavy pump out of mud, the suction unexpectedly gave way causing a sharp pain to his back. Another lost time injury may have occurred, but due to lack of information and the staff member being on leave, details are unclear at this stage.
Incident	1	<ul style="list-style-type: none"> A person became threatening on the phone to a Waste operator – not initially work related, but person threatened to come to site.

Member of public reported injuries

Type of incident	#	Description
All types	0	

Contractors

Type of incident	#	Description
Lost time injury (LTI)	2	<ul style="list-style-type: none"> An LTI occurred when a Recreational Services worker was walking down a hill and twisted their ankle An LTI occurred when a recycling runner from Northland Waste slipped on stones at edge of road and fell
Medical treatment injury	2	<ul style="list-style-type: none"> A Northland Waste runner sustained a cut to the leg requiring medical treatment after lifting a rubbish bag and something sharp with in it cut his leg. A Northland Waste Runner while collecting rubbish, tossed the bag into the rear compactor and sprained the muscle on his arm
Minor injury	9	<ul style="list-style-type: none"> A Recreational services worker had their palm punctured by a phoenix palm. Five wasp stings reported by Recreational Services workers. A Recreational services worker had their hand cut from broken glass when removing rubbish from scrub. A Northland Waste Operator sustained a cut to his finger when something poking out of the bag cut him as he went to pick it up. Another sustained a cut to his leg when picking up a bag and something cut him.
Pain and discomfort	0	
Incidents	15	<ul style="list-style-type: none"> 3 x property damage incidents reported by Clements Contractors 9 x near miss incidents reported by Recreational Services 2 x reported by Ventia, but in reality, Council would classify these as hazards. 1 x environmental incident occurred when the hydraulic hose split on a Northland waste truck, where about 140litres of hydraulic oil was lost/ Northland waste immediately reacted to cleaning up the scene, but a member of the public had poured diatomaceous earth over it and made it even more difficult to clean up, eventually needing to call Hydrotech to assist.

Due to than the higher than usual number of injuries involving Northland Waste, Council have met with them to ascertain if there is any reason for the rise. Over the Christmas period, the second run to the coastal areas put strain on them. The February incidents will also be further discussed with them.

The above does not contain Roding Department injuries and incidents as these are now being reported via NTA.

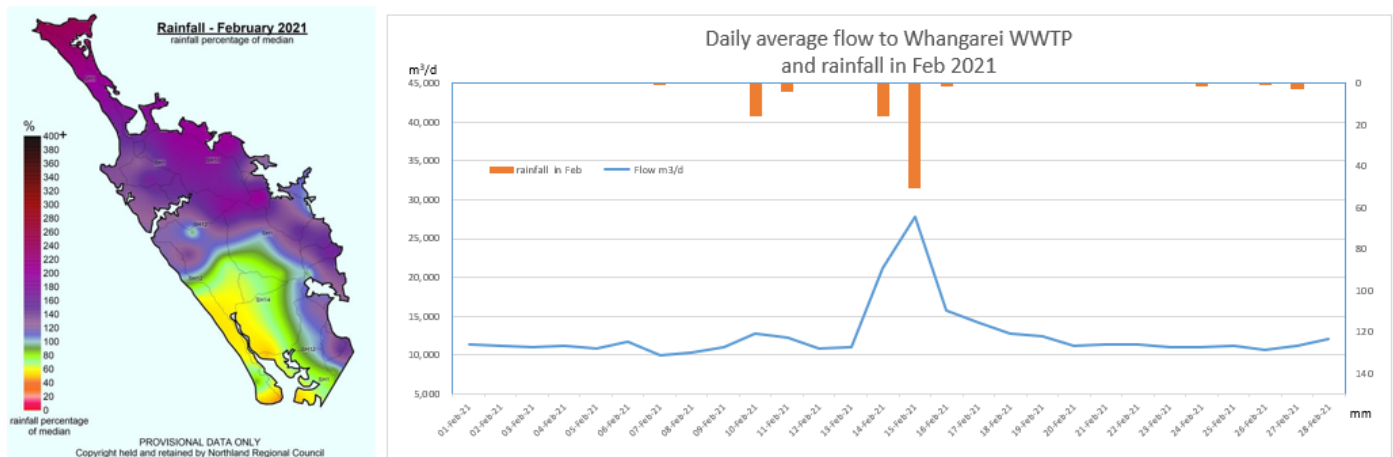
Staff reported several hazards this month; one about a traffic hazard created by parking to get water samples and one potential regarding structural safety at the wetland area

Waste and Drainage

Operations and Maintenance

Whangarei WWTP

The Whangarei WWTP received a fluctuation flow in the first two weeks of February with in the range of around 10,000 m³ to 12,000m³. On the 7th, there was only just over 9,950 m³ received at the plant, reaching its lowest point of the month. A three-day significant rainfall from 14th boosted the flow to reach its peak at over 27,000m³. And then it plummeted quickly and dropped nearly 14,000 m³ on 17th. After that the plant received a steady decline of flow. In comparison with the same period in 2020, the flow pattern was very similar in the first ten days and last 10 days of February.



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

Activities carried out at the main plant during February included:

- Grit classifiers inspected and no repairs required
- Spark plugs and leads replaced for biogas generator
- All electrical equipment checked and retagged. No issues were found
- Detector 4 to be sent to Contractor for servicing. Confine space entry for all equipment passed annual test, tagging was completed.
- Activated pump level sensor became loose. The pump was set up in manual mode while retethered. Work completed by end of Feb.
- Flow spread sheet recording plant data reached minor version limit. A new master version was created.
- Spare band screen screw conveyor brushes ordered. While sludge screen unit was order from the same supplier as well.

Whangarei WWTP Resource Consent Renewal project

An assessment of air discharge (odour) from the Whangarei Wastewater Treatment Plant (WWTP) shall be carried out to support the consent renewal project. As WDC was not committed to the significant capital expenditure of these works, this project is on hold until the preferred adaptive pathway solution has been confirmed indicating whether or not significant plant upgrades are required to address nutrient removal.

The new scope of work would include incorporating the recent local meteorological data (2014-2020), collecting additional information on odour discharges. In addition to that, the existing model needs to be validated within the plant. The consultant shall carry out the technical investigation to evaluate the potential nuisance odorous discharges from various processes in the plant which bases on (FIDOL) Frequency, Intensity, Duration, Offensiveness and Location, recommended by the Ministry for the Environment Good Practice Guide (GPG) for assessing and managing odour (2016).

The qualitative assessments shall be supported by 2 surveys which will be conducted by consultants with a calibrated nose to undertake odour observations around the site boundary and within the plant to determine the most significant sources of odour. This will be undertaken twice a day (morning and afternoon) to collect a total of 20 sets of results.

After the surveys will capture the variability in odour associated with a range of meteorological and process conditions and allow the odour sources to be ranked from highest to lowest in terms of odour generation and the likelihood of these sources causing off-site odour nuisance. With such available information, it will be easier to decide if treating of significant odour sources such as EQ basin and sludge storage tanks or off-site odour treatment associated with covering.

Rural WWTP Major Operation & Maintenance

Ngunguru

- The UV system was cleaned.
- Egress ladders were installed in primary and secondary oxidation ponds
- 3 wetlands sprayed to clear weed
- MABR pump was cleaned up

Tutukaka

- The UV system was cleaned.

- The Remote Terminal Unit (RTU) froze at the plant following power dip but came right on by itself.
- Primary filters heavily fouled with some type of worms cleaning was required.

Hikurangi

- Flowmeter which was faulty in Dec now was fixed. Operation team would consider purchasing a new unit.
- Monitoring plan still carry out as per agreement with NRC.
- Two locations of the plant for continuous monitoring identified to evaluate the performance of aeration pond. Depending on dry spell in autumn, instrumentation shall be deployed.
- Civil work for Hikurangi inlet screen progress well.

Oakura

- Leak in pre-UV tank was located and repair.
- Pressure line was repaired.
- UV reactor was clean out. All low point of line was flushed to remove slits.
- Blower hose supports installed.

Ruakaka

- Egress ladders installed at 4 locations in pond 1 and pond 2 as part of mitigate drowning risks in waste ponds.
- Brushes for inlet screen were ordered
- An external consultant was engaged to assist upgrading wetland which had a number of issues: desludging existing wetland, issue resource consent, disposal sludge on site and IWI management.
- Willow weed taking over Ruakaka irrigation area due to lack of grazing, irrigators to be shut off

Waipu

- Egress ladders installed at 4 location in primary pond and secondary pond.

Portland

- Egress ladders installed at 4 location in primary pond.
- Internal road way widening complete. Fencing work to be carried the remaining 20%.

Reticulation

There was one recorded spill incident in the Feb period

Date Spill Started	Date Spill Detected	Date Spill Ceased	Location	Cause	Volume (m³)	Type of Sewage	Action Taken
22/02	22/02	22/02	2 Raumanga Heights Drive	Rag blockage in external drop line in downstream manhole	<100L	Raw/Unscreened	NRC and DHB notified, spill site cleaned and disinfected including roadside channel and cess pit.

Stormwater complaints under investigation

No	Location	Region	Brief description of reported problem	Responsibility (W&D unless otherwise stated)	Progress Update
1.	Wrack street, Kensington	Kensington	WA092872 Water team removed the water main, operation team will carry out further investigation		Under investigation
2.	8 Mair St, Kensington	Kensington	Stormwater concerns		Under investigation
3.	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.		Under investigation

No	Location	Region	Brief description of reported problem	Responsibility (W&D unless otherwise stated)	Progress Update
4.	13 Henry Street	Kensington	WA094012 Report of property being flooded due to lack of stormwater remedies.		Under investigation
5.	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.
6.	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.		Under investigation
7.	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
8.	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	
9.	McKenzie Ave walkway, Onerahi	Onerahi	Report of inadequate stormwater reticulation on McKenzie Ave walkway		Met with the customer and site inspection completed. Further investigation in progress.
10.	64 West View Crescent, Onerahi	Onerahi	WA093082 Flooding to property and neighbours.		Under investigation
11.	29 Weir Crescent, Onerahi	Onerahi	Flow from road not being intercepted by roadside drainage and flows down driveway of lower property	Roading	
12.	64 Beach Road, Onerahi	Onerahi	WA090283 Stormwater run-off from the airport washed out property at 64 Beach Road		Under investigation
13.	2 Kaiwaka Road, Onerahi	Onerahi	WA091997 Flooding damage to property from stormwater run off at airport.		Met with the customer and site inspection completed. Stormwater remedial works identified and to be actioned by council contractors.
14.	Sorrento Street, Onerahi	Onerahi	Property flooded due to stormwater run off during July storm.		Under investigation
15.	10 Montague Place, Onerahi	Onerahi	Property flooded due to stormwater run off during July storm.		Met with the customer and site inspection completed. Stormwater remedial works identified and to be actioned by council contractors.
16.	272 Beach Road, Onerahi	Onerahi	Drainage discharging directly onto road	Roading	
17.	Weir Cres / Cliff Street	Onerahi	WA092952 Reports of heavy rain events creating flooding run off to downstream properties.		Under investigation
18.	59 Church Street	Onerahi	WA093311 Requested to increase stormwater network along church street to mitigate flooding intensity in downstream private properties.		Under investigation
19.	20 Roderick Place	Onerahi	WA094991		Under investigation

No	Location	Region	Brief description of reported problem	Responsibility (W&D unless otherwise stated)	Progress Update
			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		
20.	10 Nottingham Road	Onerahi	WA093252 Existing sw culvert is open and uncovered, customer request to close culvert.		Under investigation
21.	14 Porowini Avenue, Morningside	Morningside	WA090402 Constant flooding of the buildings and land on this site		Under investigation
22.	Whangarei Club on Rust Ave, (CBD)	(CBD)	Report of major storm damage to roof.		Under investigation
23.	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
24.	4b Dundas, Riverside	Riverside	Road drainage that is causing issues for a retaining wall	Roading	
25.	6 Surfside lane, Ruakaka	Ruakaka	Property being flooded by stormwater		Drafting response to customer.
26.	Dune Lake, Ruakaka	Ruakaka	Reports of dead sea life.		Under investigation
27.	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 job is now complete.
28.	16 Mcainch Place, Kamo	Kamo	Storm flooding in properties		Under investigation
29.	Kamo Road		WA092758 Request for road hump between King St and Zealandia St be removed to allow water to flow down Kamo Rd.		Under investigation
30.	275a Kamo Road, Whau Valley	Whau Valley	Open drain has been piped – capacity issues have resulted		Under investigation
31.	120 Tauroa St and Acacia Park, Raumanga	Raumanga	Private stormwater drainage damaging private roads. Customer believes it belongs to Council.		Under investigation
32.	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, Further ongoing investigations.
33.	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	
34.	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.		Under investigation

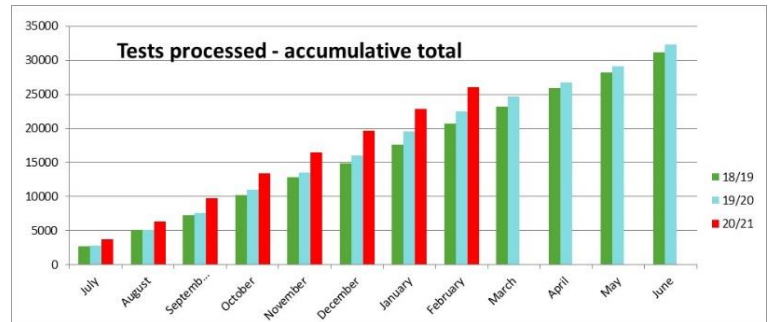
No	Location	Region	Brief description of reported problem	Responsibility (W&D unless otherwise stated)	Progress Update
35.	94 Corks Road, Tikipunga	Tikipunga	Raising of land adjacent to Totara Parklands development has increased likelihood of flooding to neighbouring property		Met with the Customer, site inspection completed, further ongoing investigations.
36.	Glendale Rd, Woodhill	Woodhill	Request to install a grate to catch debris coming down from Coronation Reserve		Under investigation
37.	23 Stuart Rd, Reotahi,	Whangarei Heads	Reports of council infrastructure inadequacies damaging property		Under investigation
38.	46E Kohe Street, Parahaki	Parahaki	Report of stormwater running down private right of way causing damage		Under investigation
39.	261 Oakura Rd	Oakura	Overland flow path has been blocked by new building which has been built at a higher level	Building	
40.	32 Whangaumu Rd	Tutukaka	Flooding to lower lying properties across the road		Under investigation
41.	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, further ongoing investigations.
42.	69 George St Hikurangi	Hikurangi	Open drain is really effectively on the boundary of the two properties here – scouring is undermining properties		Under investigation
43.	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
44.	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		New Complaint
45.	137 Pipiwai Road	Kamo	Stormwater problems to property.		Met the customer, site inspection completed, further ongoing investigations
46.	44 & 46 Whangarei Heads Road		WA096421 Customer owns 44 and 46 Whangarei Heads Road and is really concerned about the large stormwater drain at the front of his property. Recently one of the children from 44 fell into this drain. He would like this drain to be filled in, like has been done at the neighbouring property at number 42.		New Complaint
47.	29 Tapper Crescent		WA096395 There is a stormwater catchment area at the back of the callers property. Due July floods this filled with gravel from the properties at Erin Street. Caller had damage to his property.		New Complaint

Laboratory Report

For February 2021 916 samples were analysed for 3175 tests. 27% of the tests were subcontracted and 43% of results were reported within 5 working days.

This continues to indicate significant increase in testing for the same period in the previous year.

Graph shows the test numbers for year ending 30 June.



Roading - Transportation

Maintenance Contracts

Programmed works completed during February were as follows:

- Heavy metalling carried out on Tangihua Road and Massey Road.
- Waiotira rehabilitation was completed mid-February as planned. This conclude the 20/21 WDC Rehab program.
- Brooks and Massey Road Seal Extension are now in full swing and expected completion is planned for mid-April 2021.
- A total of 2,555m² of stabilising repairs have been completed over various sites which include McLean Road, Rosythe Road, Rama Road, Cove Road and Paparoa Road.
- Chipseal sites done in February were: Bens View Rd, Bream Bay Dr, Chester Ave, Doctors Hill Rd, Eureka Pl, Leonard Pl, Marsh St, McEwan Rd, Miraka Rd, Mititai Rd, Old Onerahi Rd, Panorama Dr, Parakiore Rd, Pyle Rd East, Rakatau Pl, Salmon Rd, Sherwood Rd, Taipuha Rd, Takutai Pl, Tavinor Rd, Tiki Pl, Uretiti Rd, Waiotira Rd, West View Cres.
- Asphalt paving was carried out on Riverside Dr north lane.
- Water tabling was undertaken on Lake Ora Rd, Taipuha Rd, Tavinor Rd, Austin Rd, Otuhi Rd, Tangihua Rd, Sandford Rd, Marsden Point Rd and Hewlett Rd.
- Culvert clearing carried out on Austin Rd.
- Culvert renewals on Snooks Rd, Shoemaker Rd, Durham Rd and Hoskings Rd.
- Headwalls constructed on Otuhi Road, Ormiston Road and Ormandy Road.
- Mackesy Rd and Memorial Dr – replaced damaged fence.
- Takahiwai Rd – laid metal for bus turn around area.
- 46 Onerahi Rd – Install concrete footpath and driveway entrances.
- Concrete footpath renewals – Jellicoe St, Ngahere Dr, Tauraroa St.
- Lime rock heavy metal overlays completed on Whananaki South Road and Gomez Road.
- Dig-outs and stabilisation completed in Ngunguru, Kaiatea, Matapouri and Puhipuhi Areas.
- We have started up our culvert clearing crew in the Mangakahia Area.
- We have had two crews water-tabling this month in the North, one in the Hikurangi/Pipiwai/Puhipuhi area and the other in the Kiripaka area.

Storm Damage

- We are working through the last of the storm damage from July.
- We have had one digger crew that has been building rock walls and cleaning damage and scouring caused by the July storms on Crows Nest Road and Tahere Road.
- Works begun repairing the slip-on O'Neil Road.
- Culvert clearing and water tabling continues around the network from July Storm Damage.
- Drop-outs repairs being done on Waikiekie North Road and Ormiston Road.

Routine Works completed this month were as follows:

- Channels and grates continuing to be cleared
- 319 kms of road was swept in the following areas: Tikipunga, Onerahi, Ruakaka, Central, Kamo, Regent, Morningside, Smeatons, Woodhill, Mairtown, Whau Valley, Otaika, Raumanga, Kensington, and Port, Kauri and Parahaki.
- CRMs are increasing for unsealed road, mainly because we have been unable to undertake maintenance grading due to the lack of sufficient rain. Inspections are ensuring the roads are still in a safe condition for public.
- We have complete a round of cyclic edge marker peg cleaning this month.
- We have started replacing old black and white chevrons with new compliant chevrons.

Projects started in February

Category	Sub activity	Location
215 - Structures Component Replacement	Bridge	Reyburn Street - Reyburn Street B6
341 - Low Cost Low Risk	Bridge	Whangarei Heads Road
341 - Low Cost Low Risk	New Footpath	Pipiwai Road
Bus Shelter Renewal	General Maintenance	Various
Seal Extension - Unsubsidised	Seal Extension	Brooks Road
Seal Extension - Unsubsidised	Seal Extension	Massey Road
Seal Extension - Unsubsidised	Seal Extension	Nook
Seal Extension - Unsubsidised	Seal Extension	Tahunatapu Road

Projects started in March

Category	Sub activity	Location
125 - Footpath Maintenance	Footpath Renewal	Various
213 - Drainage Renewals	Drainage	Various
341 - Low Cost Low Risk	Speed	Various sites - Speed limit infrastructure

WDC Significant Projects

Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities
125 - Footpath Maintenance	Footpath Renewal	Rose Street	n/a		
214 - Sealed Road pavement rehabilitation	Rehabs	Maunu Road	15%	Contract awarded to Downer	Contractor begin design options
214 - Sealed Road pavement rehabilitation	Rehabs	Mill Road	100%	Pavement Works Complete.	Ancillary works - traffic islands etc. to be completed this month
214 - Sealed Road pavement rehabilitation	Rehabs	Rewa Rewa Road	9%	Contractor design underway	Construction commence early April
324 - Road Improvements	Intersection	Maunu/ Porowini Intersection	55%	Construction complete and Practical Completion Certificate issued. Final paperwork to come (asbuilts etc.)	12 month Defects Period. Receive close-out documents and final claim from contractor.
341 - Low Cost Low Risk	Bridge	Whangarei Heads Road	0%	Physical works commences and currently exposing services and removing existing culvert.	Continue with physical works. Forecasted completion by early April.
341 - Low Cost Low Risk	Intersection	Robert/ Walton Intersection	53%	Progress detailed design	Progress detailed design
341 - Low Cost Low Risk	New Footpath	Rose Street and Lwr Bank Street Ped Crossing	14%	Pavement test pits have been undertaken and pavement design is underway. Bus turning trial completed. Preliminary design completed and detailed design underway.	Safety audit to be undertaken and detailed design to be continued. Reporting finalised design to Council in March briefing.
341 - Low Cost Low Risk	New Footpath	One Tree Point Rd	81%	Physical works completed, minor snags need addressing Post-construction safety walkover completed	Address snags and as-builts Post-construction safety walkover
341 - Low Cost Low Risk	Pedestrian Improvements	Dent Street Pedestrian Crossing Upgrade	6%	Finalising designs and community engagement, discussing works with contractors. Council Briefing Paper prepared.	Complete design, engage contractors. Present briefing paper to Council.
341 - Low Cost Low Risk	Safety	Ngunguru Road - Murphys Cnr	18%	Short term option design almost completed	Complete short term option design and long term option design
341 - Low Cost Low Risk	Safety	Cove Road	6%	Engagement of planner (and supporting consultants and Iwi) to seek NRC consent	Receive resource consent and tender and award works.
341 - Low Cost Low Risk	Speed	Various sites - Speed limit infrastructure	3%	Maintenance Contractors (Downer and FH) prepared prices and programmes for construction phase	Issue NTCs to Downer and FH to start construction
341 - Low Cost Low Risk	Traffic Calming	Hikurangi Township (King Street/George Street/Valley Road)	100%	Working through safety audit and completing minor outstanding works.	Address issues outlined in Post Construction Safety Audit to complete construction stage.
452 - Cycling Facilities	Cycleways	Kamo cycleway Stage 5 (Fisher Tce to Station Rd)	21%	Design progressing and scope/ budget increased.	Continue progressing design alongside KiwiRail.
Bus Shelter Renewal	Public transport	Rose Street Bus Terminal	7%	Concept design of bus shelters being finalised and aligned with Complete Streets Masterplan. Cost estimates for bus shelters being developed.	Bus shelter design and costing completed. Council acceptance of bus shelters and order placed.
CIP	Cycleways	Raumanga Shared Path	0%	MBIE Funding agreement signed.	Detailed design
CIP	Cycleways	Kamo Shared Path Link	0%		
New Footpaths - Unsubsidised	New Footpath	Whangarei City Wide (Sense of Place) c/o from 19/20	0%	On hold until footpath template for City Core confirmed	n/a
Redeployment Package	New Footpath	One Tree Point Rd	100%	Physical works completed	Project Closed
Redeployment Package	New Footpath	Gillingham Rd	100%	Final inspection and issue Practical Completion Certificate (PCC)	
Redeployment Package	New Footpath	Ngunguru Rd from Whg Falls to (or close to) Ngunguru Rd path	81%	All key work items completed	Completed all minor finishing works
Redeployment Package	New Footpath	Tauraroa Rd, Maungakaramaea	100%	Final inspection and issue Practical Completion Certificate (PCC)	

Speed Management:

- Tranche 1 – Council has adopted the recommendations report for Tranche 1, implementation planned mid-2021;
 - I. Te Toiroa Rd (Legal Unformed Road) Ngunguru, which forms part of the Old Ngunguru Coach Trail.
 - II. Vinegar Hill area
 - III. One Tree Point / Marsden / Ruakaka area
 - IV. Waipu Village
- Tranche 2
 - I. 2A – Bream Bay (Cove Rd) – concurrent with Kaipara's Mangawhai area. Hearing complete, Decisions Report planned for early-mid 2021, and implementation mid-late 2021.
 - II. 2B – Whangarei Heads. Planning started for consultation for early-mid 2021, implementation (early-22).
- Tranche 3 (2021-22) – Tutukaka Coast (Ngunguru Rd & Russell Rd) and Bay of Islands (Opua / Russell). These two areas will be reviewed concurrently (early-mid 22) with Far North's Russell catchment area to ensure a seamless and coherent approach to both consultation and delivery of speed management.

Walking and Cycling (Urban):

- Kamo Shared Path
 - I. NZTA Funding for Stage 5 has been approved and the detailed design is underway. Stage 5 includes the link into Kamo Village. Construction planned for next LTP (2021-24).
- City Centre including Onerahi link and improvements to Hatea Loop – Is now part of the City Core workstream.
- 10yr Implementation Plan – to bring together the City Core Plan works, our Walking & Cycling Strategy and Blue Green Network Strategies. We have engaged Viastrada to help the NTA develop a 10-year plan, which will complement these high-level strategies, with more detail and prioritisation of sections. Draft report due mid-2021.
- Tikipunga Cycle Trail Stage 1 (Redeployment Fund) – complete.
- Council received \$6m from the Crown Infrastructure Partners (CIP) Spade Ready;
 - I. \$0.5m Kamo Shared Path – Link to Kensington Park Stadium. Design & Implement 2020-21.
 - II. \$0.5m Tikipunga Cycle Trail (Stage 2) – complete path Ngunguru Rd (Whangarei Falls) to Vinegar Hill Rd; connecting with Totara Parklands River Trail. Includes a 12m bridge. Implement 2020-21.
 - III. \$5m Raumanga Shared Path; Cafler Park to SH1 / Tarewa Park – design (2020-21) and implement by mid-2023.

Walking & Cycling (Rural – Tourism):

Waipu Walk & Cycle Trust:

- Stage 2a Cullen Rd to Waipu Cove – Physical works is complete, except for the culvert extension works (Council project) planned for 2021-22 and final trail surface – See High Risk Rural Roads.
- Stage 2b McLean Rd to Cullen Rd – works is nearly complete.
- Stage 3 Riverview Place to Cullen Rd – planned for future years as a joint Trust and Council project, due scale and complexity. Council and Trust collaborating on property negotiations along Cove Road to ensure sufficient space to build a safe and appropriate path.

Whangarei Heads Trail

- Whangarei Heads Rate Payers Association, with a grant from Council are developing a proposal to build a trail connecting McLeod Bay and Parau Bay Village. Scheme design is complete, consultation/engagement has started. The Ratepayers Association are evaluating their route options before seeking further funding.

LED Street Light Conversion

- The installation of the V-Category (arterial road) retrofit lights (ie swapping the old light for new LED) has been completed.
- The Southern V-Category infill streetlight contract (ie those requiring new poles) was awarded to Currie Electrical on 16 March 2020 and is well underway. This portion of the work is likely to be completed by the end of February 2021. This contract also includes new streetlights in the southern half of the Whangarei District and all of the new lights in the Kaipara District. This portion of the work will be undertaken in the 2021/24 LTP.

- The Northern V-Category infill streetlight contract has been awarded to McKay Electrical. This contract includes new streetlights in the northern half of the Whangarei District and all of the new lights in the Far North District. The work on the northern city is well underway. This contract has an extended completion timeframe of June 2022 due to budget constraints.

Port / Kioreroa Intersection Upgrade

- Council received \$10M from the Crown Infrastructure Partnership (CIP) for the widening of the Port Road bridge across Limeburners Creek to provide 4-traffic lanes and a shared path. The contract was signed by MBIE in late November 2020.
- The council will also be seeking \$6M of subsidised funding from NZTA to carry out the Port / Kioreroa intersection improvements in conjunction with the bridge widening works. A business case for this funding is starting to be prepared, and this funding has been allowed for in the 2021/31 LTP. This intersection upgrade work is still subject to funding approval.
- Preliminary designs have been completed and the detailed design is now underway.
- Investigations to locate services on site have been completed and geotechnical investigations are now underway. Investigations to identify any contaminated soil in the old fertiliser works site are allow commencing in preparation for the new intersection layout.
- Consent applications and contract documents are being prepared. Tender documents are expected to be released in March and construction is expected to commence on the bridge widening in May 2021. Completion of the bridge widening is expected to be completed in February 2022 and the intersection upgrade (if it proceeds) is expected to be completed in November 2022.

Listed below is the Bus shelter and street furniture programme for the last few years with some new stops created, new and renewed bus shelters, seats, signage and markings etc. New shelters are prioritised in accordance with the NRC's programmes. Renewals are the result of condition assessments of the existing stock of shelters and street furniture; new seats are installed following customer queries and prioritisations.

2018 – 2019 Upgraded/renewed bus stops in :

1. Weir Crescent and Church Street in Onerahi, renewed shelters, recessed safer bus taper lane and path connections completed as part of a package of works (Photos attached).
2. Mega Surf on Okara Drive
3. Winger Cres
4. Otangarei Shops

2019 – 2020 See list below of sites completed with asset updates following customer queries and prioritisations.

1. Arcus Street (outside 18 Mt Pleasant Road) – New seat only
2. 63 Morningside Road – New seat only
3. 94 Morningside Road – New seat only
4. 42 Kaka Street – New seat only (new stop)
5. 7 Kaka Street (rear of Mitre 10) – shift stop
6. 67 William Jones Drive – New shelter
7. 52 Onerahi Road – Renewed shelter
8. 170 Bank Street – New shelter
9. 52 Porowini Ave – New shelter
10. 1 Winger Crescent (outside number 60 Great North Road) – New seat only
11. 183 Kamo Road (Percy Street) – Renew shelter pad (Dangerous/broken) and resolve location of stop etc
12. Fraser Street (outside 263 Port Road) – New seat only

2020 – 2021 A contract has awarded to Ventia to complete the following sites for this financial year:

1. Maunu Road (opposite Hospital 176 Maunu Road) – new shelter
2. Maunu Road (opposite BP 76 Maunu Road) – new seat
3. High Street (at Kotata Rise RAB outside 10 Limerock Lane) - new stop
4. High Street (at/just past Collingwood Street intersection) – new stop
5. Kamo Road (Countdown 29 Kamo Road) – upgraded stop location to suit patrons
6. Kamo Road (opposite Kamo Fire Station 450 Kamo Road) – new stop with new seat
7. Kamo Road (next to Kamo Fire Station 591 and 482 Kamo Road) – new stop (existing seat)
8. Kamo Road (outside 482 Kamo Road) – new stop

9. Kamo Road (outside number 621 Kamo Road) - new stop with new seat
10. Kamo Road (intersection with McMillan Ave outside 377 Kamo Road) – new seat
11. Kamo Road (300 Kamo Road) – renew bus shelter
12. Kiripaka Road (192 and 205 Kiripaka Road) – new seats
13. Manapouri Street (4 and 9/11 Manapouri Street) – new seats

Public Transport

BusLink figures are reported quarterly for the 3 trial bus services, (Bream Bay, Hikurangi and Whangarei Heads), in the Whangarei District, for information for the Committee.

Bus Link stats – 6 months to Dec 20 (Passenger Numbers)	Actual for Dec	Budget Dec	Variance	Year to Date Actual	Year to Date Budgeted
Bream Bay Link Passengers	60	30	30	305	162
Hikurangi Link Passengers (start Nov 20)	52	60	-8	70	108
Whangarei Heads Link Passengers (start Nov 20)	24	30	-6	42	54
Bus Link stats – 6 months to Dec 20 (revenue ex GST)	Actual for Dec	Budget Dec	Variance	Year to Date Actual	Year to Date Budgeted
Bream Bay Link Revenue	\$340	\$108	\$232	\$1,978	\$583
Hikurangi Link Revenue (start Nov 20)	\$83	\$156	-\$73	\$149	\$280
Whangarei Heads Link Revenue (start Nov 20)	\$87	\$130	-\$43	\$167	\$234

The summer trial service that ran to Ocean Beach over the holiday period carried 38 passengers on the 4 days it operated in January and collected fares totalling \$313 excl GST.

As of 15th February 2021, Citylink ceased operating Okara Loop (Route 1) as patronage remained very low with an average of 1.3 per trip. This service was left to operate over the Christmas and New Year period to assist with holiday shopping. Unfortunately, there was little uptake. An additional two trips have been added to the Route 8 services so passengers can still access both Harvey Normans and Warehouse shopping precincts.

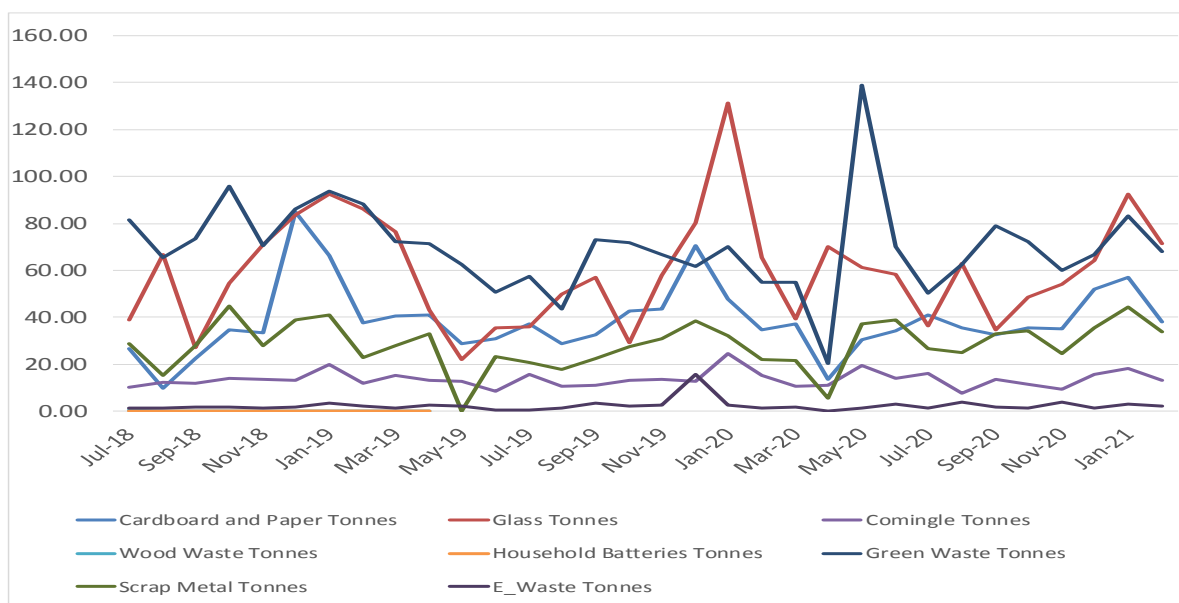
Parks, Recreation and Solid Waste

Operations

Solid Waste Operations

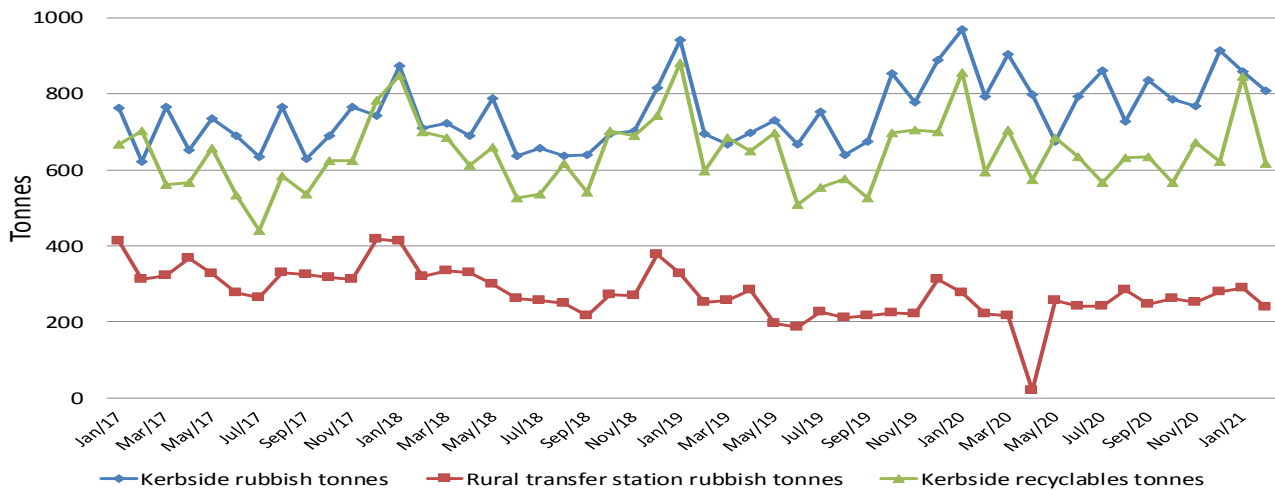
Double collections provided to beach settlements over the summer ceased after Waitangi weekend, although the usage of the second collection service has been very low since the second week of January.

The tonnages of the material streams collected for recycling are shown below:



Monthly waste tonnages are shown in the table and chart below, volumes are slightly higher than the same time last year.

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		798	April		20	April		575
March		903	March		215	March		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	5814	9517	Total for period	1813	2638	Total for period	4541	7803

Public Toilets

Temporary portaloos deployed to help cope with the peak demand over the summer period at beach locations were removed after Waitangi weekend. There were various problems with odour and dumping of rubbish in the toilets at a number of sites including Matapouri and Whangau Bay. We have started on the up-grade of the Mangakaramea toilet block.

The public toilet at Dave Cullum Dive is closed while work is undertaken at the new bike park. A temporary portaloos is in place near the dog park.

Walking Tracks

Finally, storm damage repair work has been completed. The final cost of this has been in the order of \$350,000. Our walking tracks are now in great shape again and indications are that they are being used very heavily. Weed control will become an issue as we get moisture over the coming weeks and our contractors are ready for this.

The replacement pedestrian bridge at AH Reed is being built. A way of getting this 20m bridge on-site and positioned without damage to trees has been a challenge and collaboration between the contractors Bridge It, Treescape and Hapu seems to have worked in providing a good application for consenting.

Following the completion of the shared path between Whangarei Falls and Vinegar Hill Road, this path is now being continued by Totara Parklands around the northern boundary of this development. The next stage going west is Tanner Place to Bush Haven Drive which has now commenced.

Tree Maintenance

Treescape® had one and a half crews running on the WDC Tree Contract this month.

This month cyclical maintenance was carried out in Waihoi River Park Waipu.

Waiarohia Reserve (Western Hills Drive) also received a lot of attention, including crown lifting, dead wooding, removal of dead trees and a clean-up of the roadside embankment. This reserve is now more open from Western Hills Drive and many Crime Prevention through Urban Design (CPTED) issues have been dealt with.

At Oakura several fallen conifer trees have been removed. Several days of strong winds resulted in a considerable amount of reactive work. During February the Stump Grinder was back in Whangarei and the backlog of stumps is being attended to.

The contract requires the contractor to undertake 80% of his work in a planned proactive manner and only 20% should be reactive. The above graph shows they have dipped below the 80% mark in February.

Health & Safety: There were no Health & Safety issues for the month of February. With no internal audits completed on the crews.

Coastal Structures

61 inspections were completed in February across the district with only minor issues identified.

The inspection program is currently up to date.

Sports Parks

Further dry weather has affected the turf on many sports fields, making weed control more necessary over the next couple of months prior to winter sports. Under-sowing of ryegrass has commenced where there is irrigation to support germination, soil fields will be sown in March.

Cricket has had a good season and the wickets have been of a high standard, Cobham Oval has performed well following heavy scarification last winter, drainage work will commence following this season. Softball has again been popular and we look forward to seeing this sport developing more over the coming years.

Rugby World Cup preparations are on-track although this event is to be postponed for a year. This will make field allocations easier this year and we will be well prepared for 2022.

Repairs have been undertaken to some of the cricket practice wickets with replacement of the netting at Kensington. A 'kick rail' has been added to the new fence around the athletics track to stop balls from running underneath, although it seems that some of the issue is this fence being used for practice purposes!

At Barge Park, a vehicle severely damaged the roadside heritage stone wall. This has been repaired along with other parts of this wall that had also collapsed. Some further work is now required adjacent to the bus stop where it has been leant on and around the entrance gates.

Consideration is being given to equestrian bookings being undertaken by the A&P Society instead of Recreational Services – who take other sports park field bookings. A&P are much closer to this site and we are confident a better booking experience can be offered to equine and other users this way. Meanwhile, an improved and more transparent booking system with charging and invoicing included has been developed for this coming winter season. Discussion with codes shows they welcome this, as it will assist them with securing their funding earlier in the season.

The Aquatic Centre advisory group have been concerned about the limited number of disability car parks. We have reconfigured the current set out and have been able to add another 3 car parks. We have received thanks from the group for the increase.

Parks and Gardens

February received 98mm of rainfall with a majority falling in the middle of the month. This summer has been pretty good with regular rainfalls which have kept the grass and plants healthy.

Our summer annuals are still looking good in areas, but with the few days of heavy rain followed by humid conditions, some areas (like Laurie Hall) are starting to look a bit worse for wear. Our contractor is currently working on our autumn annuals plan, which will be planted in late March into April. In general, the hanging baskets around town are still looking great, apart from Onerahi which seems to be suffering and are not looking that healthy. At this stage we unsure what the issue is.

A consequence of the regular rainfall and humid conditions comes increased weed growth, and the contractor has seen a dramatic increase in weeds and their teams are trying to keep on top of our garden beds. Large piles of mulch have recently delivered to strategic locations around the District and the contractor is continuing to mulch gardens which will help keep the weeds down.

On some reserves the lower branches of trees will need lifting soon to make the mowing of the reserves easier. We probably only have 2 more months that our tree contractors will be able to safely get on the reserves, before the turf

becomes too soft. There are still people on beaches and coastal recreational reserves so the contractors mowing teams are having to return to some sites early in the morning to get them completed.

The contractor's mowing teams are finding an increase in weed eating incidents involving dog poo. It appears dog owners are throwing dog faeces bags under trees and down banks rather than disposing of in rubbish bins. It is of concern as a Health & Safety issue. One of the worst areas is Ngunguru.

Planning for Autumn annuals and winter infill planting has commenced, and Recreational Services will look to get some tentative plans through to the Council for consideration by the end of March.

At the Town Basin the new playground has been a big hit. However, Council came under some criticism about the lack of shade for the people sitting on seats alongside the Hatea Loop walkway. As a temporary fix, we have installed 5 sun umbrella's that provide shade for 5 of the seats.

Playgrounds and Skate Parks

During February, the contractor had to repair a vandalised playground at Beach Rd, a broken swing at Kensington Park and the safety matting at Shearwater reserve became loose.

We are also dealing with an issue at Hedley Place playground where a neighbour is driving over the reserve (close to the playground) to access the back of their property. This playground has just been renewed and following this we will install bollards across the front of the reserve.

Marsden Bay playground has also been renewed recently. This is a very popular site and we plan to install bollards to improve safety by separating cars and children. There has been some concern from local residents as this will reduce parking and a meeting is planned to discuss this.

Cemetery

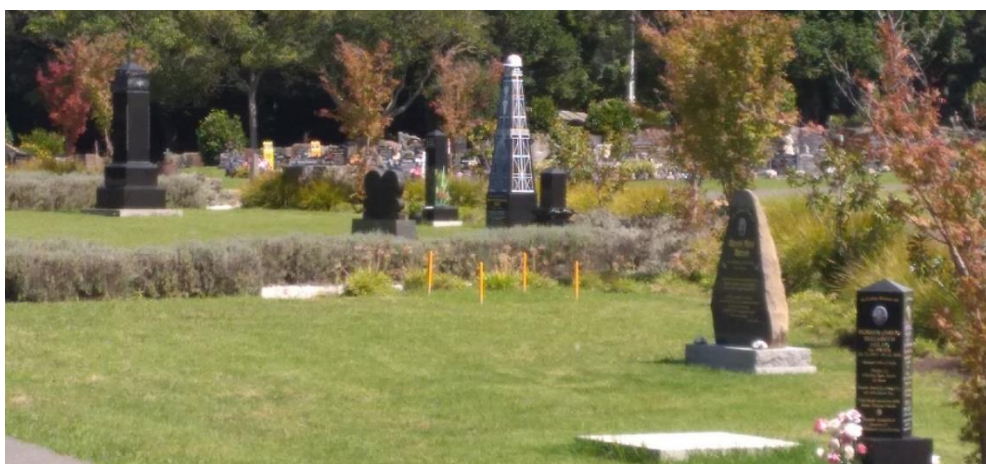
A very slow month with only 5 burials and 12 cremains interments.

The newest member of the cemetery fleet was tested out and with a few tweaks to the width of the path, it will be a huge success. This cart is to be used in the natural burials area, where the paths are too narrow for pallbearers to carry a casket safely. Instead the family can push the casket along the path in a bit of old-fashioned style. We now have 5 natural burials since it opened in July 2018, along with three reservations.



Disclaimer: casket is for display purposes only.

Another area that opened in July 2018 is the family area. There have been 11 burials and another 38 have been reserved. Some rather impressive monuments have gone up in this area, adding a distinctive look to the cemetery.



Botanica

Visitor numbers for January: 1464

A slower month this month with changes in COVID-19 alert levels. No comments from the visitor book this month.

This facility is aging and maintenance work including repairing a couple of steel beams in the glass houses have rusted, some paving work causing a trip hazards and some of the glass house doors replaced as they were rotting.

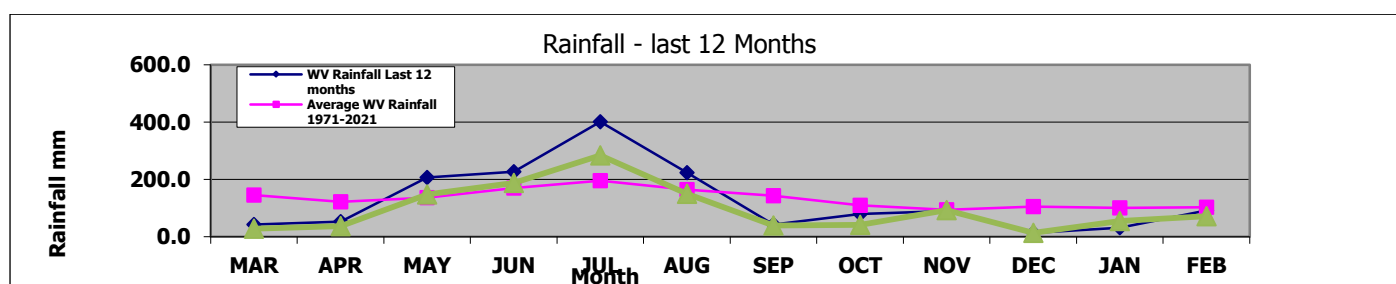
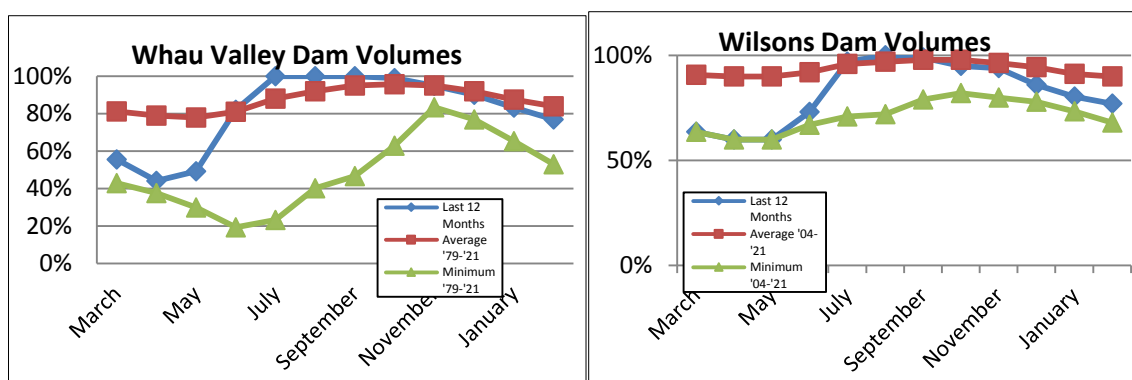
Volunteer Northland has approached us, asking if we are willing to have volunteers at Botanica. We have had three people interested in doing this and they are all very nice and eager to make a start. It will be for 2 days a week to start off and reviewed after a couple of months.

Water Services

Operations

Rainfall and Water Sources

Summer was the one of the driest on record with 137mm of rain at Whau Valley. However, it was above last summer's 78mm. This year's levels were very similar to the 2010 drought. Interestingly the Spring and Summer combined rainfall is the lowest on record with only 358mm compared to the average of 651mm. February's rainfall was 92mm compared to the average of 103mm. Wilsons Dam had 71mm of rain. In spite of the dry last six months the dam levels are holding up well. This is largely because the Hatea line has allowed more water to be taken from this source and staff have run pumps harder and earlier this year. The Whau Valley Dam is now at 77% which is below average for the time of year but above the same time last year (60%). Wilsons Dam is also beginning to drop and sits at 77% which is also below average but above last year's level of 68%. Whilst sources are still holding up well, the long-range forecast is for normal or below normal rainfall over the next 3 months so we will need to manage sources carefully until we get significant rain.



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.

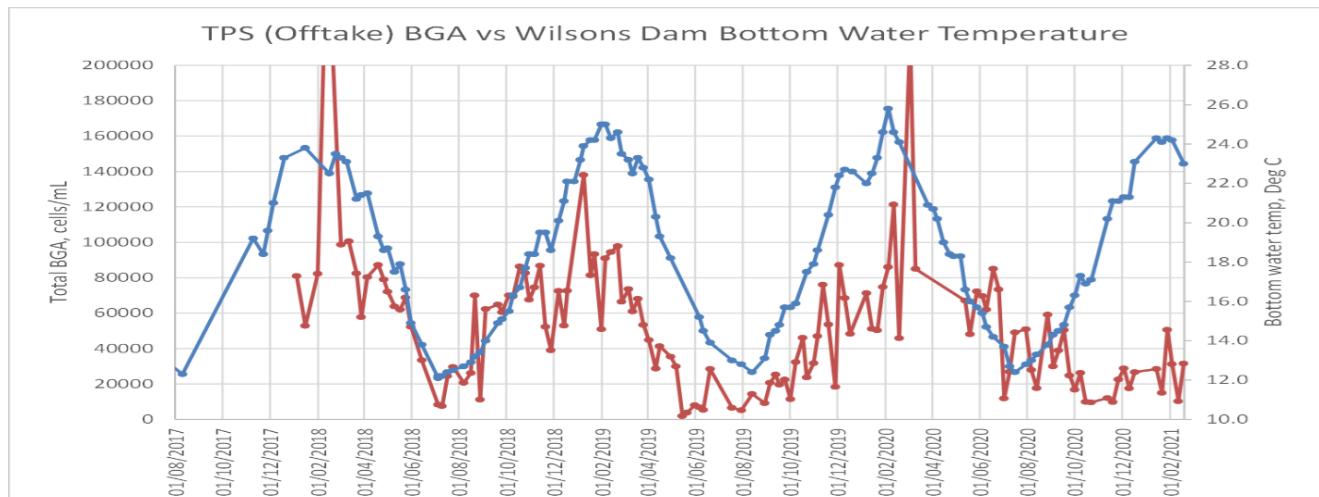
Maungakarama WTP – Plant was fully compliant for protozoa and bacteriological.

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

Following the incident of lead found in a Dunedin water supply Water Services have taken samples from a number of sites around the public water supply network. All results have come back well below allowable levels.

Other works

The algal bloom at Wilsons Dam continues although levels are reducing but not as fast as we would like. The trial of diatom dosing continues with the additional dosing equipment now operating in some of the shallower side arms of the reservoir. Results from sampling show that there are still enough nutrients in the water to allow the algae to grow in spite of our attempts to reduce this. The graph below shows how the algal counts for Blue Green Algae (BGA) have varied with water temperature over the last few years for water taken from the dam via Tauroa Pump Station (TPS). The graph shows no significant spike in algae this summer compared to previous summers. This is encouraging and we will continue to dose diatomix and run the compressor over winter to see if we can completely remove the blue green algae.



The upgrade of the SCADA system is progressing well with over half of the Dams, treatment plants, reservoirs and pump stations having been upgraded. The new system operates on the cellular network and should be significantly more reliable than the old radio telemetry.

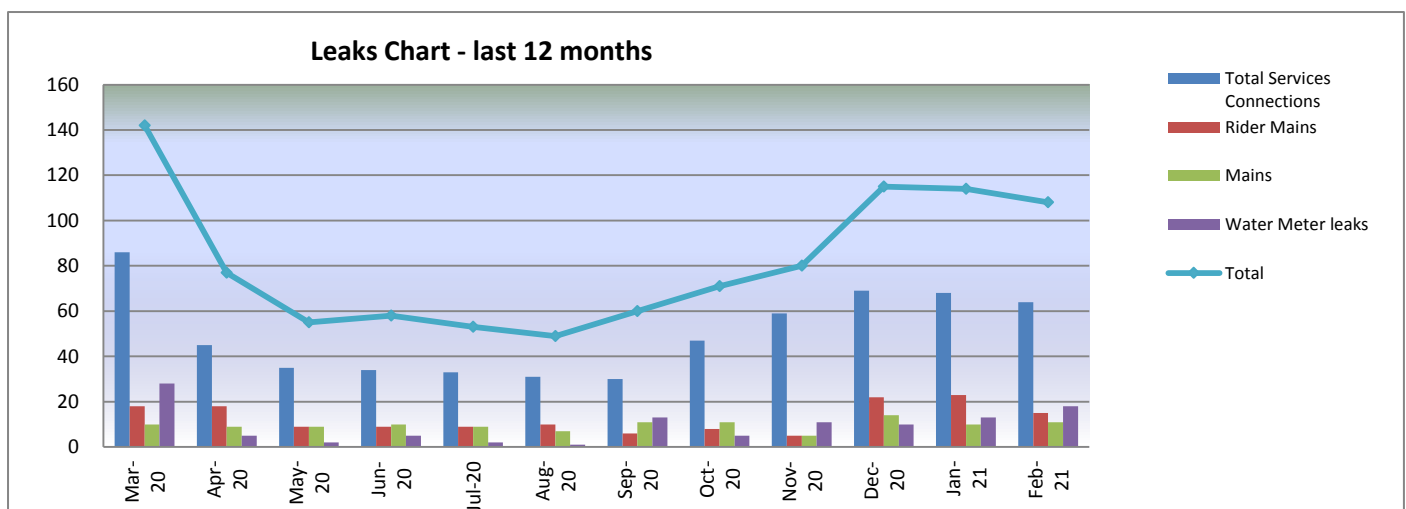
Distribution Report

Water Statistics

82	Connection leaks repaired
26	Rider/Main leaks repaired
21	New connections installed
32	Faulty meters replaced

A total of 82 service connection leaks were repaired together with 26 main and rider main leaks. The number of leaks remains high due to the dry weather making it easier to spot leaks and the fact the leak detection programme which is ongoing. It is anticipated the number of leaks will remain high if the dry weather continues and the ground remains dry. A total of 21 new water connections were installed during the month and 32 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 are being fast tracked for replacement. These are being designed and priced by the maintenance contract so that they can be completed urgently. 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 Waters 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 is expected to be completed by the end of March. The Kamo main work has been awarded and is due to start in early April. 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 and staff are in discussions with the Maungatapere Water Company and the Whatatiri Maori Reserve Trust about the project and outcomes. 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 in mid-March.

Other projects

Work is underway to identify and secure land in Three Mile Bush for a new storage reservoir. A possible site has been identified and geotechnical investigations show that the site is suitable. A valuation is being requested and it is expected this will be received in early March. Staff will be visiting the site with 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.

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	39	0		100%	100%	N/A
Free Available Chlorine within distribution (above 0.2mg/l)	63	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.