

Infrastructure Committee Agenda

Date: Thursday, 8 October, 2020

Time: 9:00 am

Location: Council Chamber
Forum North, Rust Avenue
Whangarei

Elected Members: Cr Greg Martin (Chairperson)
Her Worship the Mayor Sheryl Mai
Cr Gavin Benney
Cr Vince Cocurullo
Cr Nicholas Connop
Cr Ken Couper
Cr Tricia Cutforth
Cr Shelley Deeming
Cr Jayne Golightly
Cr Phil Halse
Cr Greg Innes
Cr Anna Murphy
Cr Carol Peters
Cr Simon Reid

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

1. Declarations of Interest	
2. Apologies	
3. Confirmation of Minutes of Previous Infrastructure Committee Meeting	
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7. Closure of Meeting	

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

Please refer to minutes for resolutions.

Infrastructure Committee – Terms of Reference

Membership

Chairperson Councillor Greg Martin

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

Meetings Monthly

Quorum 7

Purpose

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

Key responsibilities

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

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

CCOs accountable to this committee:

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

Delegations

- (i) All powers necessary to perform the committee's responsibilities, including, but not limited to:
 - a) the approval of expenditure of less than \$20 million plus GST.
 - b) approval of a submission to an external body.
 - c) establishment of working parties or steering groups.
 - d) adoption of strategies and policies relating to the key responsibilities of this committee (except for those that cannot be delegated by Council under Clause 32(1)(f) of Schedule 7 of the LGA).
 - e) power to establish subcommittees and to delegate their powers to that subcommittee.
 - f) the power to adopt the Special Consultative Procedure provided for in Section 83 to 88 of the LGA in respect of matters under its jurisdiction (this allows for setting of fees and bylaw making processes up to but not including adoption).
 - g) the power to delegate any of its powers to any joint committee established for any relevant purpose under clause 32, Schedule 7 of the Local Government Act 2002.

Item 3.1
Infrastructure Committee Meeting Minutes

Date: Thursday, 10 September, 2020
Time: 9:00 a.m.
Location: Council Chamber
 Forum North, Rust Avenue
 Whangarei

In Attendance

Cr Greg Martin (Chairperson)
 Her Worship the Mayor Sheryl Mai
 Cr Gavin Benney
 Cr Vince Cocurullo
 Cr Nicholas Connop
 Cr Ken Couper
 Cr Tricia Cutforth
 Cr Shelley Deeming
 Cr Phil Halse
 Cr Greg Innes
 Cr Anna Murphy
 Cr Carol Peters
 Cr Jayne Golightly
 Cr Simon Reid

Not in Attendance
Scribe

C Brindle (Senior Democracy Adviser)

1. Declarations of Interest

Item 4.1 – CON15026 – Sportspark Management and Maintenance Contract

2. Apologies

Crs Jayne Golightly and Simon Reid

Moved By Cr Vince Cocurullo

Seconded By Cr Shelley Deeming

That the apologies be sustained.

Carried

3. Confirmation of Minutes of Previous Infrastructure Committee Meeting
3.1 Minutes Infrastructure Committee meeting held 13 August 2020

Moved By Cr Vince Cocurullo

Seconded By Cr Nicholas Connop

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

Carried

4. Decision Reports

4.1 Petition for Safety Improvements on Clark Rd, Kamo

Moved By Cr Gavin Benney

Seconded By Cr Tricia Cutforth

That the Infrastructure Committee;

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

Carried

4.2 Petition for Zebra Crossings at Ngunguru

Moved By Cr Anna Murphy

Seconded By Cr Carol Peters

That the Infrastructure Committee;

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

Amendment

Moved By Cr Phil Halse

Seconded By Cr Gavin Benney

That the Infrastructure Committee;

1. Receives the petition and instructs staff to:
 - a. investigate the request and report back to this Committee by December 2020;
 - b. advise the petition organiser of this course of action.

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

Recorded	For	Against	Abstain
Cr Greg Martin (Chairperson)		X	
Her Worship the Mayor		X	

Cr Gavin Benney	X		
Cr Vince Cocurullo		X	
Cr Nicholas Connop		X	
Cr Ken Couper		X	
Cr Tricia Cutforth		X	
Cr Shelley Deeming	X		
Cr Phil Halse	X		
Cr Greg Innes		X	
Cr Anna Murphy	X		
Cr Carol Peters	X		
Results	5	7	0

The amendment was Lost (5 to 7)

The motion was Carried

Crs Golightly and Reid were absent.

Cr Peters was absent from the meeting from 9.15am to 9.17am during discussion on Item 4.2.

4.3 Petition for the Sealing of Monk Road, Mangapai

Moved By Cr Shelley Deeming

Seconded By Cr Phil Halse

That the Infrastructure Committee;

1. Receives the petition and instructs staff to:

- a. advise the petition organiser that the request may be considered as part of the 2021/2031 Long Term Plan.

Carried

4.4 CON15026 – Sportspark Management and Maintenance Contract

Moved By Cr Shelley Deeming

Seconded By Her Worship the Mayor

That the Infrastructure Committee approves the value of CON15026 - Sportspark management and maintenance being increased by \$1,400,000 (excluding GST) from \$6,438,001.40 to \$7,838,001 (excluding GST) to extend the contract from 1st October 2020 to 30 September 2021.

Carried

Declaration of Interest:

Cr Connop declared an interest for Item 4.4.

5. Information Reports

5.1 Contracts Approved Under Delegated Authority

Moved By Cr Shelley Deeming

Seconded By Cr Greg Martin

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

Carried

5.2 Infrastructure Operational Report - September 2020

Moved By Cr Shelley Deeming

Seconded By Cr Vince Cocurullo

That the Infrastructure Committee notes the Infrastructure Operational Report update.

Carried

Cr Murphy was absent from the meeting from 10.20am to 10.22am during discussion on Item 5.2.

6. Public Excluded Business

There was no business conducted in public excluded.

7. Closure of Meeting

The meeting concluded at 10.27am.

Confirmed this 8th day of October 2020

Councillor Greg Martin (Chairperson)

4.1 Petition for the Widening of Austin Road

Meeting: Infrastructure
Date of meeting: 8 October 2020
Reporting officer: J Devine, Strategy and Planning Manager, NTA

1 Purpose

To present to the Committee a petition received requesting the widening of Austin Road.

2 Recommendation

That the Committee;

1. Receives the petition requesting the widening of Austin Road, and instructs staff to:
 - a. investigate the request and report back to this Committee; and
 - b. advise the petition organiser of this course of action.

3 Background

This petition (Attachment 1) has been received from residents of Austin Rd, Maunu, who are requesting the widening and installation of centerline road markings on Austin Road.

4 Discussion

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

5 Significance and engagement

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

6 Attachment

1. Petition requesting the widening of Austin Rd, Maunu. - 21 September 2020

Whangarei District Council

Forum North, Rust Ave

Whangarei

21 September 2020

This petition will be sent to the Whangarei District Council in an effort to prioritise the widening of parts of Austin Road, Maunu, Whangarei. It also requests that a centre line and edge lines are painted on the entire length of the road, as currently there are portions of the road that have no lines.

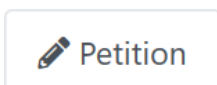
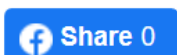
This petition originated from residents who are concerned that the road should be safer given the volume of traffic increasing with the ongoing subdivision activity in recent years. The stretches of Austin Road between Belle and Fieldstone Lanes and near Caitlins Lane are of primary concern.

Your signing of this petition will lend weight to the priority of this work.

The email address, phone number and residential address information that you enter will be visible only to me, the initiator of this petition. Regards,

Matt Trubshaw (on behalf of Heritage Way residents)

16 Heritage Way (off Austin Road)



Announcements **1**

Signatures **66**

Statistics

Extra Visibility



#	Name	City	Residential Address	Comment	Date
1	Mark Going	Whangarei	1 Heritage Way	Widening the road especially between Belle and Fieldstone Lane is an important Safety improvement that is urgently required. Both centre and edge road marking is also required as there is very limited street lighting and It is very dangerous at night with oncoming vehicles.	28/08/2020
2	Matt Trubshaw	Whangarei	16 Heritage Way	The narrowness of the road and the lack of centre line pose a risk to traffic safety.	2/09/2020
3	David Campbell	Whangarei	14 Heritage Way Maunu	I want the road widened to make it safe	3/09/2020
4	Elected not to show name publicly	Whangarei	16 Heritage Way	I agree with this petition	4/09/2020
5	Betje Read	Whangarei	8 Heritage Way, Maunu, whangarei	this is to confirm that this is a real concern and attention to fix the problem is very important to everyone that uses the road, and the road does need to be widened and painted lines as soon as possible. this is very dangerous.	6/09/2020
6	Bharathi Sathya	Whangarei	10 Heritage Way	I care for safety and community.It enhances safety and avoids near misses especially during night.	6/09/2020
7	Brett Read	Whangarei	8 heritage way	Because the road has a narrow point Also at night it is hard to see the edge of The road every time you meet someone at That narrow point it feels like you are forced Off the side with the increase in people driving down the road it could be a danger	6/09/2020
8	Gemma Little	Maunu, Whangarei	4, Heritage Way		6/09/2020
9	Craig Little	Maunu	4 Heritage Way, Maunu		6/09/2020

10	Brian Charles Money	Whangarei	9 Heritage Way Maunu	For the safety of the road users and the growth in the area which is on the increase with new subdivisions opened up, width & centre markings for the safety of the users and lighting are large problems please consider this matter with urgency for the safety of the users and residences	7/09/2020
11	Elected not to show name publicly	Whangarei	68 austin rd		7/09/2020
12	Kylie Jones	Whangarei	28 Erskine Road		7/09/2020
13	Tim Jones	Whangarei	Maunu Estate		7/09/2020
14	Lynne O'Donnell	Whangarei	78a Austin Road	Actually I don't think this petition takes the requirements far enough. Austin Road needs widening channel and curbing with footpaths on both sides of the road at least to the corner. Also the speed limit should be reduced.	7/09/2020
15	Glenn Hawke	Whangarei	11 Tullamore		7/09/2020
16	Erin Finlayson	Maunu	11 Tullamore		7/09/2020
17	Graham Olliff	Whangarei	23 Tullamore Estate / Lane, Austin Road,.	I agree the traffic count along Austin Road is high for the road layout. Council has made developers of the Estates on Austin road widen entrance ways into Estates . but have left the rest of the road narrow with no visible markings for the center / side of the road. Also maintenance of the road edging is next to nothing. Always a pothole on the edge of the road somewhere forcing traffic into the center of the road.	7/09/2020

66 Signatures in Total

5.1 Contracts Approved Under Delegated Authority

Meeting: Infrastructure Committee
Date of meeting: 08 October 2020
Reporting officer: Simon Weston (General Manager Infrastructure)

1 Purpose

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

2 Recommendation

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

3 Background

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

Table 1: Infrastructure Contracts Awarded Under Delegated Authority

1. Roading	
CON19049	Reyburn Street Bridge No. 706 and Marsden Point Road Bridge No. 102 Upgrade
2. Parks and Recreation	
CON19040	Ruakaka Sand Ridge Removal

4 Significance and engagement

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

5 Attachment

1. Summary of Contracts Approved Under Delegated Authority October 2020

Summary of Contracts Approved Under Delegated Authority

This attachment provides a summary of the award process and works being undertaken for Infrastructure contracts awarded under Chief Executive and General Manager delegated authority.

1.0 Roading

CON19049

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

Introduction

Contract 19049 is for Reyburn Street Bridge No. 706 and Marsden Point Road Bridge No. 102 to undertake heavy maintenance of the bridge's piers by jacketing the selected piles to ensure a continual level of service to users.

Procurement Process

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

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

Richard Kolkman	(WSP New Zealand) (Qualified Evaluator and TET Leader)
Zander Cutang	(Northland Transportation Alliance)
Dewi Todd-Jones	(WSP New Zealand)

Tenders Received and Evaluated

The tenders were opened on 11 October 2019 using the Tenderlink forum and no tenders were received.

Direct Negotiations

As per 'The Government Procurement Rules, Rule (14)(9)(b) (i), (ii) and (iii)', and the 'WDC Procurement Policy' where this contract falls within a 'Negligible Risk' criteria based on the 'Risk Matrix for Goods and Services', the TET engaged the following contractors in the following order to submit quotations for the proposed works in accordance with closed contest procurement rules.

1. Steve Bowling Contractors Ltd (SBC)
2. Asset Construction Ltd (ACL)

Initially, SBC were engaged directly to submit a quotation for the works as per the original tender document, however, their submitted price was deemed to be high in relation to the Engineer's Estimate. The TET subsequently engaged ACL to submit a quotation as per the works in the original tender documents. ACL's quotation was significantly lower than that of SBC, and within reasonable variance to the Engineer's Estimate.

Tenderer	Non-Price Attributes	Price (Excl GST)	Evaluation Price
Steve Bowling Contracting Ltd	Conforming (Tagged)	\$372,909.50	\$372,909.50
Asset Construction Ltd	Conforming (Tagged)	\$158,818.00	\$158,818.00
Engineer's Estimate	\$142,700.00		

The tender evaluation consists of 2 stages as follows:

Stage 1 of the tender evaluation method involved reviewing the Non-Price Attribute submission for conformance with the tender document.

Following the assessment of the tenderer's attributes, and obtaining responses to the tender clarification requests, representative non-price attribute grades were agreed by the TET.

Stage 2 of the tender evaluation involved an arithmetic check on the submitted tender prices. No arithmetic errors were found in the tenderer's submitted Schedule of Prices.

The pricing submitted by Asset Construction Ltd (ACL) was considerably lower than that of SBC and within a 11% variance of the Engineer's Estimate.

The quotation sum of SBC at \$372,909.50 (excluding GST) is 61% above the Engineers Estimate. With regards to their submitted price, it is considered that, SBC is inundated with current works within the area and therefore priced in significant 'risk' into their quoted sum due to staff and plant resource acquisition and works management.

The quotation sum of ACL at \$158,818.00 (excluding GST) is 11% above the Engineers Estimate. ACL were requested to clarify the price of three of the scheduled items. The contractor has visited each site, has factored in the risks into his price and made relevant proposals to mitigate these risks.

The Tender with the lowest evaluation sum was from Asset Construction Ltd at \$158,818.00 (excluding GST). The TET had also received positive references with regards to the contractor and the quality of their workmanship on similar projects in the past.

Financial

The budget for the Reyburn Street Bridge No. 706 and Marsden Point Road Bridge No. 102 Upgrade is \$150,000.00 (excluding GST). The increase in budget will be managed within the overall structure's renewal budget of \$1.0m.

General Manager Approval

The contract for Reyburn Street Bridge No. 706 and Marsden Point Road Bridge No. 102 Upgrade (CON19049) be awarded to Asset Construction Ltd. for the quotation submitted at a price of \$158,818.00 (One hundred and fifty eight thousand, eight hundred and eighteen dollars and zero cents) excluding GST.

2.0 Parks and Recreation

CON19040 Ruakaka Sand Ridge Removal
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Introduction

This procurement is for the removal of 50,000m³ (out of 90,000m³) of the sand ridge alongside the Ruakaka Sports Fields as the first step to creating two new fields.

Procurement Process

Approval for a variation to the procurement policy was sought and the price was directly negotiated with Earthworx Rural and Civil Ltd.

Earthworx are a WDC H&S approved contractor who have a good track record with us and are available to undertake the work within the required timeframe.

Financial

The cost for the removal of the sand (50,000m³) to the McCathie Road Site is \$478,595.00 excluding GST.

The budget available for the removal of the sand and construction of the sports fields is \$870,000.00 excluding GST.

Once the sand ridge has been removed, the remainder of the budget will be used to topsoil the site and re-grass. The area can then be marked out for sports fields. Further budget will be required for improvements such as drainage and lighting to increase the capacity of the fields.

Chief Executive Approval

The contract for **Error! Reference source not found.** (CON19040) be awarded to Earthworx Rural and Civil Ltd. for the contract sum of \$478,595.00 (Four hundred and seventy eight thousand, five hundred and ninety five dollars and zero cents) excluding GST.

5.2 Infrastructure Operational Report – October 2020

Meeting: Infrastructure Committee
Date of meeting: 8 October 2020
Reporting officer: Simon Weston (General Manager Infrastructure)

1 Purpose

To provide a brief overview of work occurring in the current financial year, across services that the Infrastructure Committee is responsible for.

2 Recommendation

That the Infrastructure Committee notes the Infrastructure Operational Report update.

3 Background

In November 2019, Council adopted committee terms of reference for the 2019 – 2022 triennium, with the purpose of the Infrastructure Committee being to ‘oversee the management of council’s infrastructural assets, utility services and public facilities’.

This report provides the Committee with a summary of Infrastructure operations during August-September 2020.

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 – August 2020

Infrastructure Group

Monthly Operational Report

August 2020

Infrastructure Monthly Operational Report

Reporting Officer: Simon Weston (General Manager Infrastructure)

Date: October 2020

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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 Tender	Oct-20	Oct-21	
Preferred contractor selected pending council approval for budget to award contract.				
Ball Clock (3rd party project)	Final drawings	Aug-20	May-21	
Stormwater connection installed.				
Camera Obscura (3rd party project)	Construction	Oct-19	Nov-20	
Construction commenced November 2019. Landscaping will be done by council Aug/Sep 2020.				
Town Basin Bus Facilities Upgrade	Design	Nov-20	Sep-21	
Investigation and design under way. Construction to be done in phases to minimise disruption.				
Pohe Island Destination Playground & Public Toilets	Design	Jan 21	Jun-21	
Detailed design progressing. Playground equipment procured. Earthworks & services installation 20/21.				
Pohe Island Skate Park	Construction	Jul-20	Mar-21	
First three concrete pours completed. Continuing with shaping and boxing for next concrete pours.				
Tamaterau Carparks Upgrade (TIF funded)	Design & Consenting	Jan-21	Apr-21	
Archaeological Authority received. Progress relies on cultural impact assessment, to be provided by Hapū.				
Restoring the Mauri of Matapouri Stg 1 (TIF funded)	Investigation & Design	Oct-19	Mar-21	
Recycling & rubbish facilities installed. Community consultation held Feb/Apr. Investigating toilet options.				
Abbey Caves Car Park & Public Toilets (TIF funded)	Detailed design	Dec-20	Jun-21	
Detailed design underway. Procurement of physical works contractor planned for Oct/Nov 2020.				
Quarry Gardens Carparks	Investigation & Design	Jan 21	May 21	
Design of stream bank repairs has started, this is required after storm damage.				
Major Projects - Parks & Recreation				
Matapouri Beach Restoration	Procurement	Apr-21	Oct-21	
Consent granted. Moving sand planned for Apr-Jul 2021. Further consultation on private beach access planned.				
Sandy Bay Erosion Protection	Consenting	TBC	TBC	
Further consultation required.				
Princes Road Seawall Renewal	Consenting	Mar-21	Jun-21	
Design complete. NRC consent granted. WDC tree consent application underway.				
Ruakaka Sports Fields (Sand Removal)	Physical works	Sep-20	Dec-21	
Sand dune removal has started. Tender for field construction will occur once dune is fully removed.				
Otaika Sports Park Field Construction	Post-construction	Nov-18	May-20	
Construction complete, turf is establishing for winter 2020.				
Ngunguru Seawall Renewal	Design	TBC	TBC	
NRC reclamation consent declined. Redesign work and further consultation required. Procuring design consultant.				
Ngunguru Youth Activity Zone & Drainage	Construction	Oct-19	Jul-20	
Construction of skatepark and golf fence complete. Park seeing high level of use - community feedback positive.				
Parihaka War Memorial Refurbishment	Construction	Sep-19	Sep-20	
Restoration of monument complete. Electrical supply work progressing after delay by slips.				
Town Basin Playground Renewal	Tender Evaluation	Jul-20	Nov-20	
Underground services installed. Work starting on retaining walls for the mounded surface				
Town Basin Wharf & Boardwalk Renewals	Design	Oct-20	Oct-21	
Design complete. Planning for construction aligned to New Town Basin Park project.				
Town Basin Lighting Renewals	Design	Oct-20	Jan-21	
Light pole locations being reviewed to minimise clashing with tree root zones.				

Tikipunga – Sports Field Improvements	Construction	Nov-19	May-21	
Flood damage to Field 10 currently being repaired, works expected to be completed by early next month.				
Pyle Road West Seawall Renewal	Consenting	Sep-20	Feb-21	
NRC consent granted. WDC consent underway.				
Waipu Youth Activity Zone	Site planning	TBC	TBC	
Project scoping work under way. Construction budgeted for 20/21 year. Responding to community feedback.				
Cobham Oval Carpark Upgrade	Procurement	Oct-20	May-21	
Design complete. Procurement of physical works contractor underway.				
Frank Holman Track Renewal	Consenting	Nov-20	Feb-21	
Consent application in progress.				
Major Projects - Water				
Whau Valley Water Treatment Plant	Construction	Mar-19	Jun-21	
Constructing above ground structures. Commissioning dependent on COVID-19 and drought conditions.				
Ruakaka WTP Clarifier Upgrade	Construction	Mar-19	Sep-20	
First scraper completed. Physical works on second scraper finished, commissioning underway.				
Major Projects - Waste & Drainage				
Whangarei WWTP Discharge Consent Renewal	Options Assessment	n/a	Apr-21	
Studies continue on BPO stage 2, Water quality programme phase 2, and AEE management programme.				
Stormwater Network Consent Applications	Technical Reports	n/a	Dec-20	
Stormwater Catchment Strategic Assessment underway. Data gathering, asset updates & mapping continue.				
Major Projects – Compliance & Regulatory				
New Animal Shelter	Design	Mar-21	Dec-21	
Detailed design being completed.				
Major Projects – Venues & Events				
NEC Lighting Upgrade	Design-Build	Nov-20	May-21	
Test piles completed. Building Consent exemption approved. Foundation construction starting 6 Nov.				
NEC Replacement Roof	Concept Design	Feb-22	May-22	
First meeting held with consultants, Beca. Iwi engaged to provide cultural narratives for concepts.				

Waste and Drainage

Waste and Drainage Projects	Current Stage	Estimated Construction Start Date	Estimated Completion Date	RAG Status
Ruakaka WWTP Pond Reconfiguration	Construction	May-20	Sep-20	
Construction underway. Expected to be completed by mid Sep 2020				
Kioreroa Rd Sewer Rising Main Replacement	Construction	Jun-20	Aug-20	
Construction 95% complete.				
Marsden Bay-Ruakaka WWTP Rising Main Upgrade	Design	Feb-21	Aug-21	
Design on hold due to easement/land access dispute				
Cove Rd-Waipu WWTP Rising Main Replacement	Design	Apr-21	Aug-21	
Completed the design.				
Smeaton Dr/SH1 Sewer Renewal	Construction	Jul-20	Oct-20	
Construction delayed due Traffic Management for SH1.				

Water Services

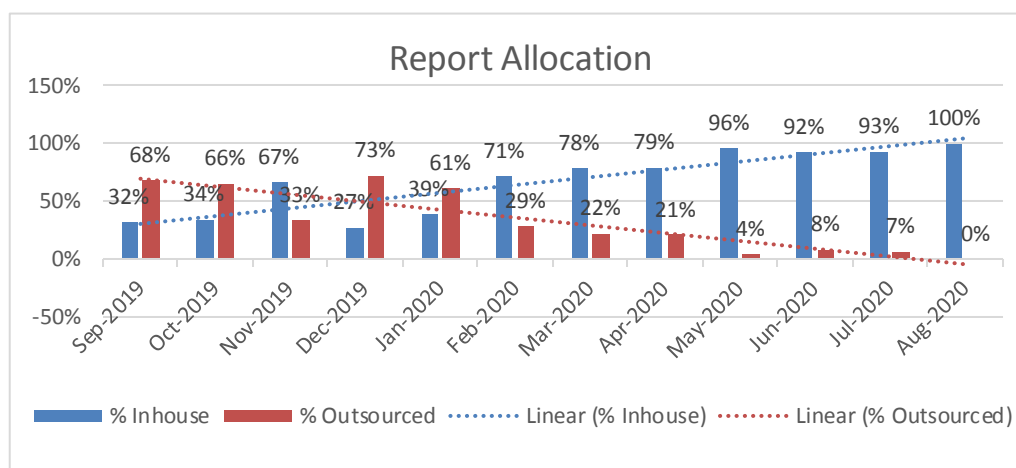
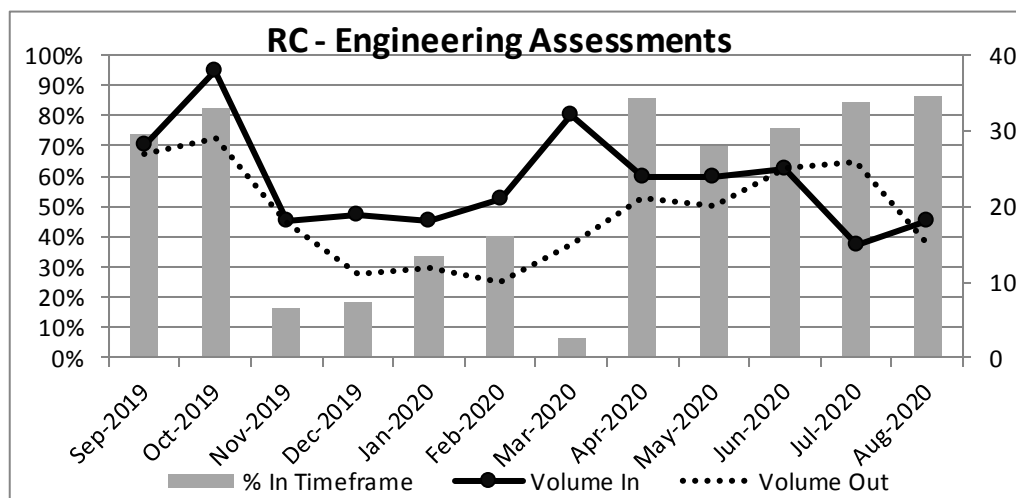
Water Services Projects	Current Stage	Estimated Construction Start Date	Estimated Completion Date	RAG Status
Water Treatment Plant Upgrades	Design	Sep-20	Jun-21	
Various works, programme being developed.				
Meter Replacement Contract 2019/20	Design	Sep-20	Jun-21	
Focus on large and bulk meters, programme being developed.				
Reticulation Programmed Works 2018/19	Construction	Jul-20	Jun-21	
Hospital Road underway – Whareora Rd and Rewarewa Rd works being planned.				
Minor Projects - Emergency Works	Design	Feb-21	Jun-21	
Programme being developed.				
SCADA Upgrade	Construction	May-19	Jun-21	
Ahuroa site complete, Poroti 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 almost complete. Southern infill contract awarded and underway. Northern infill contract awarded.				
Maunu/Porowini Intersection Improvements	Construction	Jun-19	Sep-20	
Works have been completed and the bridge opened				
KSP Stage 5 (Final link to Kamo Village)	Detailed Design	Feb-21	Jun-22	
PR020003 Funding for detailed design complete. Business case accepted and detailed design well underway.				
Inner CBD Transport Model	Optioneering	n/a	Jun-20	
Final modelling report has been completed.				
Dent Street Pedestrian Crossing Upgrade	Design	Mar-21	May-21	
Design nearly completed. Works to coincide with the New Town Basin Park so both are completed at a similar time.				

Infrastructure Development

Development Engineering



New Applications

Development	Location	Size (Lots)
Blue Watch Developments Limited	Weir Crescent, Onerahi	8
Glenberrie Park Development	Sands Road, Tikipunga	109
Four laning upgrade	NZTA – SH1	
Croft Timber Company Limited – storage facility	Great North Road, Kauri	1
Ministry of education – increase class rooms	Ruakaka	1

Developments under construction

Development	Location	Size (Lots)
WFH - The Landing, One Tree Point, Stage 4&5	One Tree Point	100
Bream bay Village	One Tree Point	75
Nova Scotia	Waipu	18
Marsden Cove Ltd	Stace Hopper Drive, One tree Point	70
Slatter	Te Hape, Maunu	12
Parrish	Te Hape, Maunu	8
Barrett Homes	Corks Road, Tikipunga	36
Totara Parklands	Stage 6b, Tikipunga	24
Jessie Trust	Clapham Road	8
TMB Developments	Three Mile Bush Road	28

The number of applications received in August for Engineering assessment was 18. A total of 15 reports were issued and 6 placed on hold for further information. The 18 applications received for engineering input is lower than the 5 year monthly average of 23.

The 8-day level of service for engineering report delivery was 87% in August. The team has been working hard to improve the delivery times. Reliance on external consultants has dropped significantly as we aim to process most applications inhouse, 100% applications were processed by Council staff in August. The Development Engineers are undertaking an increased number of inspections, we expect the number of inspections to increase over the summer construction period. We are also attending a number of pre-application meetings.

Infrastructure Support

There were 48 contract claims processed for the month of August. This is significantly lower than last month and 17 claims less than August 2019. There were 241 purchase orders processed by the team for August. The trade waste annual fees are coming up with 355 invoices created in August. Business is as usual in other areas with 31 Fast Track Water Meters processed and invoiced.

LTP Infrastructure workstream

Asset Managers continue work on the Activity Management Plans (AMPs) which will inform the first 10 years of the Infrastructure Strategy and Long Term Plan (LTP). Draft AMP projects have been sent to Finance and are part of the decision making for the next LTP. Project prioritisation methods are being worked through for Councillors decision making.

Asset Managers and Finance systems (EB and SPM) will be updated in the iterative process of arriving at a set of Capital projects that will make it into the Draft LTP. The Infrastructure Strategy work is on-going with work taking into account climate change strategies and Audit NZs signalling of expectations in this area.

Health and Safety

Health and Safety Risk Update August 2020

- **Traffic Risk** Traffic risks and aggressive persons encounters are the two highest risks facing Council staff. A vehicle accident was reported by a staff member when another vehicle sideswiped them, following the driver acting in an aggressive manner, which included both risks. Contractors also reported several near misses involving other drivers. In terms of traffic risks, a positive to report is the Water distribution and Water Operations teams have now successfully reached noncompliance to traffic management requirements. A minimum risk standard for traffic exposure was developed with assistance from Infrastructure staff.
- **Policies and procedures:** A protocol to enter dangerous buildings following fire or other disaster has been drafted, with help from members of the infrastructure team. Our permit to work, lock out and confined space entry procedures have also had a review and update. As these are mainly used by Infrastructure departments to help keep workplaces safe, we have had representatives from this group assisting with these reviews.
- **Moving machinery:** A minimum risk standard for working around moving plant and equipment has been drafted and sent out for comment. This will be sent out to contractors shortly for comment as well.
- **Injuries –** we had no serious injuries this month, but one of our contractors dismissed two of their staff for participating in a high-risk activity of trying to retrieve some shoes, hanging from a powerline.
- **Slips, trips and falls:** There have been several injuries resulting in hospital visits, by member of public who have tripped and fallen on the two traffic sensors at the Forum North carpark. The Northland Transport Alliance have been asked to assist in mitigating this risk as well as continue to paint all the curbs white, so they stand out as a trip risk.
- **Energy risk:** we had three near misses involving hydraulic or pressurised hoses reported by contractors. This is an unusual trend and will be mentioned to contractors as a potential risk in our next monthly update to them.

Waste and Drainage

Operations and Maintenance

Whangarei WWTP

In the first ten days of August, the plant received fluctuating flows of between 17,000 to 19,500 m³. Rainfall on 11th boosted the flow to its second highest peak of the month, just over 38,600 m³. A steady decline, from 12th to 17th followed, reaching around 19,500 m³. Further rainfall caused the inflow to peak at just over 46,300 m³ on 19th. After that, a gradually decreasing trend was evident until end of the month. Rainfall of 22 mm recorded on 23rd rebounded the flow to its third peak, around 38,500 m³.

Whangarei WWTP Resource Consent Renewal project

W&D team and the consultant have completed the following key activities as part of the Whangarei wastewater treatment plant (WWTP) Consent renewal strategy including the following studies:

- Consenting strategy review: the consenting programme was updated based on work completed and prioritizing steps going forward;
- BPO (Best Practical Option) phase 1: plant assessment report now completed; report highlights areas of non-compliance against current consent limits, areas that need to be focused on going forward with regard to population growth; an initial long-list of options has also been identified. The process flow of the plant was reviewed and updated.
- Nutrient Balance (Water Quality Phase 1): Simplistic mass balance approach looking at plant contribution loads currently and scenarios into the future which will be used to inform discussions with NRC. Reporting for this step shall be incorporated into the next phase of work.
- Planning Review: Review of the legislative framework, highlighting risks with regards to changes through appeals on the PRNP (Proposed Regional Plan for Northland) and MfE proposals for an NES (National Environmental Standard), updated consenting programme, identification of gaps in information (linked to the consenting strategy review work)

W&D will continue the following phase as part of the revised consent strategy:

- BPO stage 2 + sampling plant: Development of long-list options for stakeholder engagement with deliverable being a short list of options. Update to current sampling and monitoring plan to address gaps in the knowledge for consent renewal application (e.g. quantifying storm flows through WWTP) and ongoing operational needs.
- Water quality phase 2: Develop the Water Quality assessment including public health risk assessment, outputs to inform BPO workstream and AEE (Assessment of Environmental Effects).
- AEE Programme Management: a structure for the AEE is being developed based on specific contents and collected from BPO and Water quality phase 2.

Rural WWTP Major Operation & Maintenance

Ngunguru

- UV system and wetland drains were serviced.
- Operations team proposed to install an inlet screen to capture rubbish/rags in the influent.
- A Tee connection and an isolation valve were installed preparing for the inlet screen in the future.
- The concrete slab was prepared for the inlet screen pad and with a new flow meter.
- MABR (Membrane Aerated Biofilm Reactor) feed pump and electrical were hooked up by WDC electrical contractors.
- Pre-commission check list has been sent to our contractor, WDC is waiting for their feedback prior to installing the membrane in the demo unit.

Hikurangi

- WDC engaged a local consultant to work on the plant non-compliance issues.
- We are proposing a 24 month long targeted monitoring programme to assess the plants performance issues.
- The operations team have proposed installing a new inlet screen at the primary pond.

Oakura

- A quotation was received for upgrading the plants UV system.
- The operations team is checking the dimensions to confirm that the proposed unit will fit in the building.

Ruakaka

- Pond reconfiguration project was delayed as material was not ready due to Auckland in level 3 restriction;
- The water level in Pond 2 was dropped to facilitate the installation.
- Ponding was recorded in zone 3 disposal area. This was attributed to a high ground water table and high rainfall. The operations team continue to monitor the ponding. NRC has been updated and is aware of this issue.

Waipu

- Security fence installation progressing well. Most posts have been installed along the Southern boundary.
- Floating wetland was harvested

Reticulation

There were six recorded spill incidents in August 2020.

Date Spill Started	Date Spill Detected	Date Spill Ceased	Location	Cause	Volume (m ³)	Type of Sewage	Action Taken
6/08/	6/08	6/08	Corner of Russel Road and Walnut Grove Western Hills Whangarei	Developers drain plug partially blocking line. CCTV revealed drain plug which was able to be removed by driving plug to upstream manhole with large "bomb" flushing head.	<1m ³	Raw/screened	NRC and DHB notified, area cleaned and disinfected.
10/08	10/08	10/08	Parua Bay sewer pump station corner of Whangarei Heads and Ritchie Roads	Pump 1&2 faulted, high level alarm float floated up on floating mass preventing activation, storage tank already close to full following recent rain. Spill identified by WDC surveying contractor working on site.	1m ³ Estimate	Raw/unscreened, Raw/storm water content	NRC and DHB notified, both pumps reset, floating mass removed.
10/08	10/08	10/08	Along Kensington Avenue exact location not able to be located	Unknown blockage in downstream line on Kamo Road, assuming contamination entered storm water system via historic sewer overflow point to storm water system.	<5m ³ Estimate	Raw/unscreened	NRC and DHB notified, line cleared, storm water system flushed with rain today, line to be CCTV'd for faults.
13/08	13/08	13/08	Waimahanaga reserve and walk track, below 84 West View Crescent Onerahi	Broken manhole cover fallen into manhole causing blockage at outlet. Slightly elevated flows, up to 10m ³ surcharged from manhole to bush reserve with contamination reaching public walk track and estuary	<10m ³	Raw/unscreened	Manhole cover removed, contamination removed from walk track and hydrated lime applied, signs placed at either end of track closing off access until further notice

Date Spill Started	Date Spill Detected	Date Spill Ceased	Location	Cause	Volume (m ³)	Type of Sewage	Action Taken
16/08	16/08	16/08	14 Vale Road Riverside Whangarei	Unknown blockage suspected to have been in the outlet to the surcharging manhole	<100L	Raw/unscreened	NRC and DHB notified, blockage cleared, area cleaned and disinfected

Stormwater repairs post flooding event on 17 July 2020

No	Location	Repair started	Estimated completion date	Notes
1	Aerial crossing at Walton Street	18-Jul	30-Jul	completed
2	Porowini Ave Aerial crossing	18-Jul	31-Jul	completed
3	Whareroa Aerial crossing	18-Jul	4-Aug	completed
4	40 Glendale Road - Coronation Reserve	24-Jul	10-Aug	completed
5	238 Beach Road	1-Sep	25-Sep	in progress
6	4 Reotahi road	25 Aug	30 Sep	in progress
7	Riverside Drive	27-Jul	Jan 21	*
8	Memorial Drive	15 Sep		**

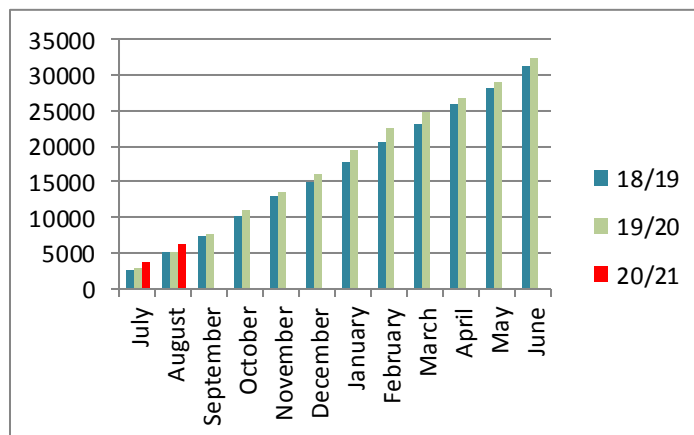
Note: *: The design is in progress. Target date pipelaying is Oct 2020. **: Contractor visited the site to confirm scope of work. A proposal shall be submitted for review and approval

Laboratory Report

For August 2020 722 samples were analysed for 2565 tests. 18% of the tests were subcontracted and 51% of results were reported within 5 working days. Overall this represents a 19% increase on testing performed when compared with August 2019.

Graph: Test numbers for year ending 30 June.

Regular advertising of our services continues to inform the community of what we can offer and how to access the lab testing to meet their regulatory and health needs.



Roading - Transportation

Maintenance Contracts

We are still busy clearing slips and culverts due to the recent storm events in our network. As a result, there has been a very limited amount of programmed work being carried out. The focus has been on cleaning out blocked culverts and dealing with CRM complaints. Other works apart from routine maintenance and maintenance grading include maintenance metalling unsealed roads, roadside tree pruning, and culvert repairs.

Programmed works completed this month were as follows:

- Whangarei Library Car Park – mill and fill.
- Riverside Drive – reinstalled wire rope barrier.
- Kiripaka Rd – re-instate top soil around new footpath after storm damage.
- Memorial Dr /Jesse St – sight bench a slip for better vision.
- Whangarei Heads Rd – Build a rock wall and backfill under footpath and over exposed Telecom conduit.

- Mill Road – Subsoil installation and kerb & channel replacement commenced on Section 1 (RP 0+042 to RP 0+700; Bank Street to Nixon Street). Kerb & channel and footpath replacement works currently being undertaken by an external contractor on Section 2 (Nixon Rd to Whareora Rd).
- One rehabilitation site has been identified for next season, namely Waitotira Road. The geotechnical investigation for this site has been done and the results received. Have started working on the design.
- Crack Sealing and levelling completed.
- Heavy metalling was carried out on Walters Rd.
- Reseal site assessments and seal designs completed. Workshop held 28/08/20 to lock in treatments. Final costings now underway

Routine works completed this month include:

- Additional grate clearing and hand culvert clears were completed in the area.
- We have completed grading and/or unsealed potholes on a number of roads.
- We have been replacing/cleaning and straightening Edge Marker Posts and signage while following behind the inspectors.
- We have been clearing roadside vegetation.
- Still doing culvert clears and water tabling around the network from July Storm Damage.



Projects started in August/ September

Category	Sub activity	Location
213 - Drainage Renewals	Drainage	Various locations - Sealed Rd Pavement Rehab drainage renewal
215 - Structures Component Replacement	Bridge	Mititai Road - Mangonui Rvr 171b
324 - Road Improvements	Lighting	Districtwide
341 - Low CostLow Risk	Associated Improvements	Various sites associated with rehab sites
341 - Low CostLow Risk	Intersection	Corks/Gillingham Intersection
341 - Low CostLow Risk	Lighting	Districtwide
341 - Low CostLow Risk	Resilience	Various sites associated with rehab sites
Seal Extension - Unsubsidised	Seal Extension	Ody Road

High Risk Rural Roads:

- The NTA has developed 14 Standard Safety Intervention applications for key High Risk Rural Roads and intersections across Northland. SSI application are simplified Single Stage Business Case (SSBC), tailored for Road Safety interventions. The first draft (submitted to NZTA for feedback) was 10 routes across Northland. Work has started on the remaining eligible routes. Whangarei routes in the first 14 – this will inform future Road Safety programmes;
 - Vinegar Hill Rd
 - Whangarei Heads Rd
 - Pataua South Rd
 - Ngunguru Rd
 - Mill Rd

High Risk Intersections (Safety):

- Kamo Rd / Kensington Ave Intersection – implementing camera identification of right-turning vehicles to improve safety (2019-20). Installation of camera is complete and monitoring continues to determine if it has been a success.
- Whangarei Heads Road – Standard Safety Interventions (SSI), installation of EMP's completed, curve advisor signage design to occur in 20/21 and other major implement 2021-24.

Speed Management:

- Tranche 1 - Formal Consultation is complete, including Hearings. Staff have completed the recommendations report for elected member consideration, with an aim to adopt and implement changes in 2020-21. Areas;
 - Te Toiroa Rd (Legal Unformed Road) Ngunguru, which forms part of the Old Ngunguru Coach Trail.
 - Vinegar Hill area
 - One Tree Point / Marsden / Ruakaka area
 - Waipu area
- Tranche 2
 - Whangarei Heads. Planning started for consultation for early 2021, implementation (2021-22).
 - Bream Bay (Cove Rd) – concurrent with Kaipara's Managawhai area.
- Tranche 3 (2021) – Tutukaka Coast (Ngunguru Rd & Russell Rd) and. These two areas will be reviewed concurrently 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
 - Stages 1-4 were formally opened on 25 November 2019.
 - Funding for Stage 5 has been approved and the detailed design is underway. Stage 5 includes the final link to Kamo Village. Construction planned for 2021-22 and 2022-23 financial years.
- 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 will develop a 10-year plan, which will complement these high level strategies, with more detail and prioritisation of sections. This will take 6-12 months and will inform our next LTP. ViaStrata.
- Tikipunga Cycle Trail – Council received \$400k from government as part of the post-COVID stimulus package. This funding will be used to accelerate development of a gravel track between Vinegar Hill Rd and Ngunguru Rd, effectively extending the Hatea River Walkway to connect with Totara Parklands river path. Stage 1.
- Council received \$6m from the Crown Infrastructure Projects (CIP) – contract (MBIE) to be signed. Works;
 - \$0.5m Kamo Shared Path – Link to Kensington Park Stadium. Design & Implement 2020-21.
 - \$0.5m Tikipunga Cycle Trail (Stage 2) – continue path from Ngunguru Rd (Whangarei Falls) to Vinegar Hill Rd, connecting with Totara Parklands River Trail. Includes a 12m bridge. Implement 2020-21.
 - \$5m Raumanga Shared Path – design (2020-21) and implement over the next 2 years.

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 – See High Risk Rural Roads.
- Stage 2b McLean Rd to Cullen Rd – works has started.
- Stage 3 Riverview Place to Cullen Rd – planned for future years as a joint Trust and Council project. NZTA (Waka Kotahi) are considering funding the complete design of Waipu Cove to One Tree Point.

NZTA Northland Integrated Cycle Network (tourism)

Updates on Region;

- CIP is funding Kaipara's flag ship project; Kaihu Valley Rail Trail
- CIP is funding a cycle trail in Far North's Te Hiku area (Ahipara to 90 mile beach via Kaitaia and Awanui).

- CIP is funding a bridge and trail in Kaiwaka, which will enable a Heartland Ride (on-road) from Dargaville to Mangawhai
- NZTA are funding Opuā to Opononi Shared Path
- NZTA are considering funding the detailed design for Waipu Cove to One Tree Point

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.

Te Matau a Pohe Road Light Replacement

- McRae Global have successfully installed the new luminaires in January. It has been identified from investigations completed so far that the root cause of the problems re. some of the lights not working is not the light fittings. We believe that the probable cause of the faults is moisture entering the electrical connections inside the bridge deck, causing the circuit breakers to trip. We are engaging an independent electrical engineer to review the installation, validate this probable cause and advise on corrective action.

Parks, Recreation and Solid Waste

Operations

Solid Waste Operations

Kerbside rubbish volumes continue to grow faster than kerbside recycling volumes. The Ministry for Environment has indicated a review of New Zealand Waste Strategy is underway and that the Waste Minimisation Act will be reviewed next year. WDC rubbish bags made from a high percentage of post-consumer recycled plastic have been ordered for trial later in the year.

Walking Tracks

The scale of damage following the July 17 storm has been unprecedented. Hardest hit have been the tracks on and around Parihaka and the Western Hills / Coronation Reserve. Engineers have assisted contractors in coming up with solutions where major slips and washouts have occurred. It is recognized that damaged ground remains very vulnerable to further erosion until vegetation regrows again.

The Hatea Walkway and Drummond Track should be open and usable again with care early in September but the Frank Holman Track may well remain closed well into October. The Whananaki Coastal Walkway has three contractors undertaking earth movement, this is a very tricky route due to its narrow form and the involvement therefore of adjacent land owners. Power lines are also affected and Northpower will need to be involved in the re-stabilization of poles.

Before and after repair works were undertaken at Whananaki Coastal Walkway.

A replacement bridge is being designed for AH Reed Alexander Track by expert bridge builders 'Bridge It'. Covid 19 restrictions in Auckland made it difficult for them to get through Auckland so their assessor flew to Whangarei to save time. A new bridge is also being proposed for the Tikipunga cycleway in the corner of the sports park and this was also being designed and costed. Due to consenting, a six month build period is expected, which will coincide with dry weather conditions and firm ground.

The 'shovel ready' redeployment team are making fantastic progress building the new cycleway around Tikipunga Sports Park. The team have formed a really positive unit, undertaking training and getting competency certificates along the way. It is likely that the first stage as far as the new bridge mentioned above, will come in under both time and budget so therefore stage 2 is now being investigated, between Vinegar Hill Road and the Sports Park. It is hoped that this further 1300m of track can be built by Christmas. In turn, this will link with a track being built by developers linking Totara Parkland.



Redeployment Team building a cycleway at Tikipunga

Coastal Structures

34 inspections were completed in August, most of these were for seawalls.

The contractor has priced abutment repairs for Lovers Lane bridge. At present the ground is still too soft for loaded trucks to access the site, conditions will be reassessed next week.

Repair options to AH Reed bridge are being reviewed, aside from price there are health & safety elements to the methodology.

Whananaki North wharf will undergo rehabilitation assessment this week. The survey includes visual assessment, delamination survey, core samples, physical breakouts at steel locations to verify other findings, detailed report and recommendations. Two specialist assessors and representatives from the ratepayers association were onsite on 15th September.

The report may take up to 4 weeks to produce.

Sports Parks

Flood damage to the newly built Tikipunga No.10 field has been accepted by Recreational Service's insurance company. The contract was not concluded with 'As-Built' drawings and therefore remained our contractor's responsibility. Regrading of the sand carpet, reinstatement of sand slit drainage, broadcasting of kikuyu stolon's and rolling will be completed in September in time for warmer growing temperatures. Irrigation will be essential to get the grass growing again and make up the lost establishment time. An intercept drain has been reinstated to prevent future flood occurrence. Meanwhile, the lighting is now close to being commissioned.

A new fence is planned around the Athletics Track at Kensington after storm damage in July. The new fence will have a number of improvements, designed in conjunction with NAGS.

Level 2 COVID 19 restrictions has made the sports season very challenging for most winter codes. Some games have gone ahead but with very limited spectators. This has brought about criticism from some disappointed spectators but generally, the codes must be congratulated on achieving some play and the professionalism with which they have adapted to an ever-evolving playing environment.

Tree planting has been undertaken at both Otaika Sports Park and at Barge Park where over 1000 trees have gone into sites identified in management plans. Honda again sponsored the Otaika planting although the public planting was cancelled due to Level 2 COVID 19 restrictions.





Tree Planting at Otaika

Raised fencing behind the goal mouths at Koropupu has been completed together with a boundary fence to help prevent balls from reaching the stream. Ball retrieval is a H&S concern as well as an inconvenience. The car park at Koropupu has also been reinstated following flood damage where power cables had become exposed.

New bollards have been installed at Morningside adjacent to the road. The temporary waratah fence was unsafe, unsightly and ineffective at preventing encroachments. The installation of lighting towers has been completed at Hora Hora. A crane had to travel on pressure mats to prevent damage to the turf to complete this task. The lights now need to be set up and commissioned and ground restoration completed.

With the winter season due to end at the end of September (school Term 3) our contractors will be preparing the fields for summer games. Renovations should not be too serious thanks to light winter use.

Parks and Gardens

As Recreational Services cleaned up after the storm, the side effect of this was less maintenance was done than normal, around the district. This year has been hard on our maintenance contractors, who take pride in the quality of their work and the state of the district's parks and gardens. With COVID-19 lock down stopping work for a month and now this storm clean up pulling them away from their usual duties, the state of our parks has suffered this year. This should only be a temporary setback, and barring any further distractions, our parks and gardens should be looking good for the upcoming summer.

The lupins that were planted in the annual garden displays around the city have done really well, and while not colourful in a flowery way, have provided a great display. The last of this year's shrub and tree planting were completed in August.

Now the water restrictions have been lifted our contractor has under taken a lot of water blasting of hard surfaces. All the main concrete boat ramps, slippery board walks and mossy path were cleaned.

Playgrounds and Skate Parks

During August, issues on the playgrounds were very quiet. At the change to Level 2 COVID-19 restrictions, the contractor installed the Level 2 signage and QR code signs.

The Ngunguru skate park is open and has been well received by the community. The William Fraser skate park renewal is in full swing. Designs have been sort from Playground suppliers for this year's playground renewals; Taurikura, Marsden Bay and Hedley Place.

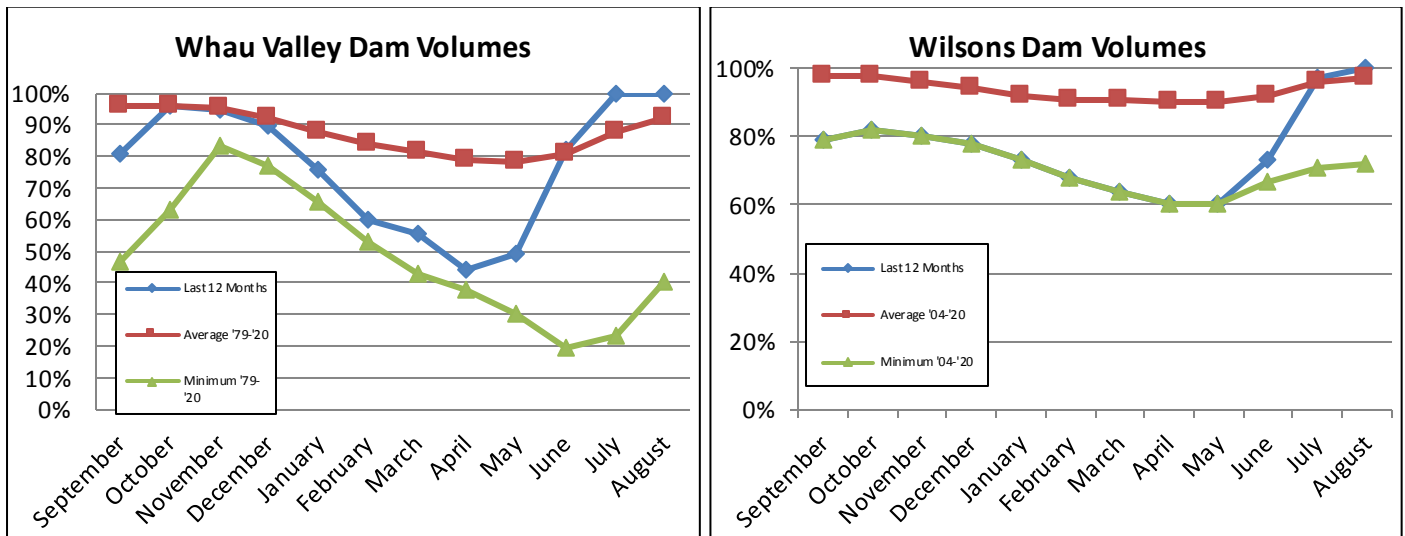
Water Services

Operations

Rainfall and Water Sources

August was another wet month with 224mm of rain falling at Whau Valley compared to the average of 165mm. This was the fourth consecutive month with above average rainfall so the total rainfall for the year is now slightly above normal. The rainfall at Wilsons Dam has been normal for the year to date all at 865mm it is a lot less than the

1,181mm at Whau Valley. The Dams are now both full, with Wilsons Dam reaching 100% during August. This is the first time Wilsons has been full since September 2018 and the Whau Valley Dam is full for the first time since December 2018. Both are now above average for the time of year. River flows and aquifer levels have also risen and across the district water sources are back to normal. The long range weather forecast is now for average rainfall over the next few months and if this eventuates we should be in a good position heading into summer.



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.

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

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

Other works

The algal bloom at Wilsons Dam continues although levels are lower now during winter. Trials of a new produce to reduce potentially harmful blooms looks promising. Additional dosing equipment and mixture have been ordered and it is proposed to widen the trial area during the up and coming algal growth season. It is anticipated the trial will be ready to continue in October.

The upgrade of the SCADA system is progressing well after delays due the drought and Covid-19. The first of the water treatment plants, Ahuroa, is now on the new system and is working well. The next plant to be done will be Poroti at the end of September. Until all sites are completed staff will need to work with two systems.

Distribution Report

Water Statistics

32	Connection leaks repaired
17	Rider/Main leaks repaired
42	New connections installed
25	Faulty meters replaced

A total of 32 service connection leaks were repaired together with 187 main and rider main leaks. The number of leaks remained steady last month mainly due to the wet weather making it more difficult to spot leaks and the ground no longer moving in the dry conditions. The total number is similar to the same time last year. A total of 42 new water connections were installed during the month and 25 meters were replaced after being reported faulty by the meter reader.

Capital Works

Reticulation Programmed Works

The final bit of the Hospital Road water main should be completed by the end of September after some delays due to Covid-19 and the Hatea raw water main taking precedence. The Hatea raw water main is progressing well with the contractor installing the pipe by pipe bursting. This involves pulling the new pipe through the old pipeline even though the new pipe is bigger than the old one. This technique reduces the amount of excavation, reinstatement and backfill material thus reducing the carbon footprint of the project. It is expected to complete the work in September, although the distribution main in Whareora Road is also in need of replacement and this work may follow the raw water main. The next main proposed for replacement is Rewa Rewa Road ahead of the Roding Works in January.

Consents and Compliance - Laboratory Water Quality Tests

Description	Number of Tests	Failures	Results	Goal	Retest
E. Coli leaving WTP	12	0	100%	100%	N/A
E. Coli within distribution	41	1	97.5%	100%	Pass
Free Available Chlorine within distribution (above 0.2mg/l)	75	0	100%	95%	N/A

A positive e-coli sample was obtained from the reticulation network in Bream Bay during routine sampling in August. The network was flushed, and samples were taken for three further days as per protocols. All follow up samples were clear. Investigations could not determine what the source of the e-coli was, and all treatment plant outflows were compliant. Provided no more positive results are obtained and enough future samples are taken the zone should still be compliant for the year.

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.