

Infrastructure Committee Agenda

Date: Thursday, 8 February, 2024

Time: 9:00 am

Location: Civic Centre, Te Iwitahi, 9 Rust Avenue

Elected Members: Cr Simon Reid (Chairperson)
Cr Phil Halse (Deputy Chair Person)
His Worship the Mayor Vince
Cocurullo
Cr Gavin Benney
Cr Nicholas Connop
Cr Ken Couper
Cr Jayne Golightly
Cr Deborah Harding
Cr Patrick Holmes
Cr Scott McKenzie
Cr Marie Olsen
Cr Carol Peters
Cr Phoenix Ruka
Cr Paul Yovich

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

	Pages
1. Declarations of Interest / Take Whaipānga	
2. Apologies / Kore Tae Mai	
3. Confirmation of Minutes of Previous Infrastructure Committee Meeting / Whakatau Meneti	
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6. Closure of Meeting / Te katinga o te Hui	

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 Simon Reid
Deputy Chairperson	Councillor Phil Halse
Members	His Worship the Mayor Vince Cocurullo Councillors Gavin Benney, Nicholas Connop, Ken Couper, Jayne Golightly, Deborah Harding, Patrick Holmes, Marie Olsen, Scott McKenzie, Carol Peters Phoenix Ruka and Paul Yovich
Meetings	Monthly
Quorum	7

Purpose

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

Key responsibilities

- Oversight of services including:
 - Transportation
 - Three Waters
 - Wastewater
 - Stormwater
 - Flood Management
 - Drinking Water
 - Laboratory services
 - Solid waste, waste minimisation and recycling services
 - Parks and reserves
 - Cemetery
- Accountable for the development and implementation of the Infrastructure Strategy, Activity Management Plans (AMP's) and Development Contributions Policy.
- Operational accountability of performance including:
 - Health and Safety

- Regular reporting on service delivery
 - Compliance
 - Sustainability
 - Finance
 - Trends
 - Benefits (positive outcomes achieved)
 - Customer feedback
 - Risk
- Accountability for the delivery of the Capital Programme.
- Committee will receive:
- Capital Programme financial reporting over a three year horizon
 - Health and Safety reporting
 - Programme reporting
 - Procurement activities and strategies
 - Resourcing issues and requirements
 - Project Management Office gateway reviews and activities
- Procurement oversight - 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
 - quarterly reporting on performance

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) 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).
- f) 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.

The Committee does not have:

- i. The power to establish sub-committees.
- ii. The powers Council is expressly prohibited from delegating as outlined in Clause 32(1)(a)-(h) of Schedule 7 of the Local Government Act 2002; being:
 - the power to make a rate
 - the power to make a bylaw
 - the power to borrow money, or purchase or dispose of assets, other than in accordance with the long-term plan
 - the power to adopt a long-term plan, annual plan or annual report
 - the power to appoint a chief executive the power to adopt policies required to be adopted and consulted on under the Local Government 2002 in association with the long-term plan or developed for the purpose of the local governance statement
 - the power to adopt a remuneration and employment policy.

Item 1.1

Infrastructure Committee Meeting Minutes

Date: Thursday, 14 December, 2023

Time: 9:00 a.m.

Location: Civic Centre, Te Iwitahi, 9 Rust Avenue

In Attendance

Cr Simon Reid (Chairperson)
 Cr Phil Halse (Deputy Chair Person)
 His Worship the Mayor Vince Cociurullo
 Cr Gavin Benney
 Cr Nicholas Connop
 Cr Ken Couper
 Cr Jayne Golightly
 Cr Deborah Harding
 Cr Patrick Holmes
 Cr Scott McKenzie
 Cr Marie Olsen
 Cr Carol Peters
 Cr Paul Yovich

Not in Attendance

Cr Phoenix Ruka

Scribe

C Brindle (Senior Democracy Adviser)

1. Declarations of Interest / Take Whaipanga

No declarations of interest were made.

2. Apology / Kore Tae Mai

Cr Phoenix Ruka

Moved By Cr Carol Peters

Seconded By His Worship the Mayor

That the apology be sustained.

Carried

3. Confirmation of Minutes of Previous Infrastructure Committee Meeting / Whakatau Meneti

3.1 Minutes Infrastructure Committee meeting held 9 November 2023

Moved By His Worship the Mayor
Seconded By Cr Carol Peters

That the minutes of the Infrastructure Committee meeting held on Thursday 9 November 2023, including the confidential section, 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 / Whakatau Rīpoata**

4.1 **Contract Award - Whangārei Wastewater Treatment Plant Odour Control Physical Works**

Moved By His Worship the Mayor
Seconded By Cr Marie Olsen

That the Infrastructure Committee approves the award of the contract CON23010 Whangārei WWTP Odour Control Physical Works to United Civil Construction Limited for the amount of \$6,138,142.41 (Six million, one hundred and thirty-eight thousand, one hundred and forty-two dollars and forty-one cents) plus GST.

Carried

4.2 **Parking Restrictions; South End Avenue and Kotata Rise**

Procedural Motion

Moved By Cr Simon Reid
Seconded By Cr Nicholas Connop

That this item does lie on the table until the 8 February 2024 Infrastructure Committee meeting.

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

	For	Against	Abstain
Cr Simon Reid	X		
Cr Phil Halse		X	
His Worship the Mayor		X	
Cr Gavin Benney	X		
Cr Nicholas Connop	X		
Cr Ken Couper		X	
Cr Jayne Golightly		X	
Cr Deborah Harding		X	
Cr Patrick Holmes		X	

Cr Scott McKenzie	X		
Cr Marie Olsen	X		
Cr Carol Peters	X		
Cr Paul Yovich	X		
Results	4	9	0

The procedural Motion was Lost

Motion

Moved By: Cr Nicholas Connop
Seconded By: Cr Deborah Harding

That the Committee resolves:

1. To extend the No Stopping At All Time (NSAAT) markings on the Northern side of South End Avenue and Kotata Rise through the high risk sections only, retaining a 140m section of parking;
 - South End Avenue – left hand (northern) side RAMM Displacement 690-725m
 - Kotata Rise – right hand (northern) side RAMM Displacements;
 - 710-860m
 - 1000-1050m.
2. To note that staff will continue to work with business owners on other parking options.

Amendment

Moved By: Cr Phil Halse
Seconded By: Cr Jayne Golightly

That the Committee resolves;

1. That pursuant to the Whangarei District Council Parking and Traffic Bylaw 2017, Clause 14, the parking of vehicles be prohibited at all times,
 - a. South End Avenue left hand side RAMM Displacement 690m to 725m, and
 - b. Kotata Rise right hand side RAMM Displacement 710m to 1050m.

**The amendment was Carried
and subsequently Carried
as the substantive Motion**

5. Information Reports / Ngā Pūrongo Kōrero

5.1 Infrastructure Delivery Improvements 2023

Moved By Cr Marie Olsen

Seconded By Cr Scott McKenzie

That the Infrastructure Committee note the Infrastructure Delivery Improvements report.

Carried

5.2 Contracts Approved Under Delegated Authority - December 2023

Moved By Cr Phil Halse

Seconded By Cr Nicholas Connop

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

Carried

5.3 Infrastructure Capital Programme Report - November 2023

Moved By Cr Carol Peters

Seconded By Cr Deborah Harding

That the Infrastructure Committee notes the Infrastructure Capital Programme Report – November update.

Carried

5.4 Infrastructure Operational Report - October 2023

Moved By Cr Carol Peters

Seconded By Cr Marie Olsen

That the Infrastructure Committee notes the Infrastructure Operational Report October 2023 update.

Carried

6. Public Excluded Business / Rāhui Tangata

There was no business conducted in public excluded.

7. Closure of Meeting / Te katinga o te Hui

The meeting concluded at 10.43am.

Confirmed this 8th day of February 2024

Councillor Simon Reid (Chairperson)

4.1 Contracts Approved Under Delegated Authority – December 2023

Meeting: Infrastructure Committee

Date of meeting: 08 February 2023

Reporting officer: Jim Sephton (General Manager Infrastructure)

1 Purpose / Te Kaupapa

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

2 Recommendation / Whakataunga

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

3 Background / Horopaki

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. Transportation		Summary
CON22086	Contract Variation: Aponga, White and Paparoa Road Culvert Replacement	CON22086 was competitively tendered in the 22/23 financial year comprising three separable portions. This variation is to award the value of Separable Portion 1 for Aponga Road No. 471 for the value of \$434,660.00, increasing CON22086 to a total value of \$1,371,436.00.
CON22065	Contract Variation: Waipu Cove Raised Platforms	This variation is for the inclusion of unforeseen costs associated with utilities and changes in scope to meet safety, consent requirements and to improve the community amenities. This variation is to increase CON22065 by \$178,700.00 to a total value of \$756,535,76.

2. Parks and Recreation		
CON23057	Takahiwai Hardcourt Renewal	A request for proposal was sent to three contractors and two conforming responses were received on 8 December 2023. Both prices exceed the engineers estimate of \$240,000.00 however the estimate was provided in 2022 and inflation on the project is estimated at 17% (\$40,000.00) and did not include a new perimeter fence that was required as the existing fence is no longer fit for purpose (\$40,000.00). CON23057 is awarded to Robinson Asphalts for the tendered sum of \$320,907.50 excluding GST.
3. Wastewater		.
Project OP 00130-2720	Wastewater Renewals: Desludging of Oxidation Ponds at the Portland Wastewater Treatment	A sludge survey was carried out as part of the Portland WWTP Resource Consent Professional Services Contract. It was found sludge makes up 30% of each pond therefore desludging the two ponds was necessary. A two round quotation process was undertaken, and the contract was awarded to Glasgow for \$143,826.60 excluding GST.

4 Significance and engagement / Te Hira me te Arawhiti

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 / Ngā Tāpiritanga

1. Summary of Contracts Approved Under Delegated Authority December 2023

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 Transportation

CON22086

Contract Variation: Aponga, White and Paparoa Road Culvert Replacement

Chief Executive Approval

To Award Separable Portion 1 (SP1) of contract CON22086: Aponga, White and Paparoa Road Culvert Replacement and increase contract value by \$434,660.00 (Four hundred thirty-four thousand, six hundred sixty dollars) excluding GST to a total contract value of \$1,371,436.00 (One million three hundred and seventy-one thousand, four hundred and thirty-six dollars) excluding GST.

Contract Scope

Contract 22086 was competitively tendered in the financial year 22/23 comprising of three separable portions.

Portion	Description
SP 1	Aponga Road No. 471
SP 2	White Road No. 555
SP 3	Paparoa Road No. 136

The successful tenderer was Fulton Hogan and SP3 (only) was awarded in June 2023 for the sum of \$936,766.00. No other portions were awarded at the time due to timing around conformation of budgets for the next financial year.

SP1 is for the replacement of an existing deteriorated culvert at Aponga Road No. 471 with a precast concrete culverts and associated works.

This paper seeks approval to award SP1.

Financial Details

Status of approved Council Budget

Approved Budget Source	Work Category 216
Approved Total Budget	\$3,256,341.00
Available Remaining Budget	\$1,356,341.00

Contract Breakdown

Existing Contract value	\$ 936,776.00
Total Variation Value	\$ 434,660.00
New Contract value	\$ 1,371,436.00

Contract Variation Detail

Budget confirmation of Work Category 216 for 2023/24 FY has been determined that SP1 Aponga Road Culvert can be awarded this season for the Tender Sum of \$434,600.00 in addition to the initially awarded SP3 Paparoa Road Culvert. Please see attached approved recommendation for contract award of CON22086 for more information.

Breakdown

Description	Amount
Award of SP1 Aponga Road Culvert	\$ 434,660.00
SP1 Aponga Road Culvert - Engineers Estimate	\$ 474,000.00
Total Variation	\$ 434,660.00

CON22065 Contract Variation: Waipu Cove Raised Platforms

Chief Executive Approval

The contract value for CON22065: Waipu Cove Raised Platforms be increased by \$178,700.00 from \$577,835.76 to \$756,535.76 (seven hundred and fifty-six thousand, five hundred and thirty five dollars and seventy six cents) excluding GST to include unforeseen costs associated with utilities and additional scope required by the Principal.

Contract Scope

This is a project to install a new raised zebra crossing, two raised platforms, 400m of new footpath and associated drainage, lighting and retaining structures. Also including is the realignment of carparks and new entrances and exits to both at Waipu Cove and to support recent speed limit changes and improve pedestrian connectivity and safety in the community.

Financial Details

Status of approved Council Budget

Approved Budget Source	PJ 00783 – Road Safety Programme
Approved Total Budget	\$1,125,000.00
Amount Committed	\$739,645.00
Available Remaining Budget	\$385,355.00

Contract Breakdown

Current Contract Value	\$577,835.76
Total Variation Value	\$178,700.00
New Contract Value	\$756,535.76

Contract Variation Detail

Variation items due to issues with underground services

Various services were encountered during construction which were not as shown in Before you Dig information. These required changes on site including:

- New manholes and stormwater assets to account for infrastructure that was recorded in Council systems but not found on site resulting in additional works to tie in proposed drainage.
- Redesign of the Dairy carpark to integrate with new stormwater assets.
- Redesigning and relocation of new streetlighting, ducts and pits to physical restrictions such as services and tree roots.
- Construction of new service covers due to the original covers having been buried and lost.
- Relocation of existing services to avoid clashes with construction works and repair of exposed services that were found to be damaged.

Scope included post tender award.

The works were required to be completed before the holiday period in December 2023 as the area experiences exceptionally high volumes of traffic and pedestrians as people flock to the beach.

The works were tendered prior to completion of the safety audit, detailed consultation, verification of utilities on site and prior to resource consent being granted.

The following changes to scope were not included in the tender documents but were required to meet safety and consent requirements:

- Shifting kerb lines to avoid footpath width restrictions due to boundary locations and large areas of planting.
- Addition of new slot drains to ensure compliant footpath falls for accessibility and weatherproofing to businesses and buildings.
- Three additional streetlights and associated works required to meet safety standards.

- Contractors staging of the works to meet business and community needs requiring changes to the approved Temporary Traffic Management (TTM).
- Additional asphalt levelling in the beach carpark to prevent ponding of stormwater post changes of design.
- The resource consent required additional works including arborist advice and supervision, hydro excavation of below groundwork, additional garden and mulch areas.
- Site verification and a detailed set out confirmed that additional areas of concrete driveways were required to be re-constructed to tie in with the new footpath to meet standards.

Variation items to improve community amenities

During engagement and through the construction phase, opportunities for additional amenities were identified and have been incorporated into the works. These include:

- Increase in path widths and lengths.
- New bike racks.
- Relocation of existing parks benches and seating.
- Relocation of rubbish bins.
- Additional of new signs for wayfinding.
- Addition of new accessible parking.

All changes required noted above have applicable additional extension of time, overheads and working day rates.

Breakdown

Description	Amount
Variation items due to issues with underground services	\$65,000.00
Variation items due to scope included post tender award	\$78,000.00
Variation items to improve community amenities	\$69,000.00
Minus portion of Contingency	- \$33,300.00
Total of variations	\$178,700.00

The Contract included an original contingency of \$78,300.00. The works are not yet complete so there is a risk of further variations occurring, therefore it was deemed prudent to retain \$45,000.00 of the contingency at this point.

2.0 Parks and Recreation

CON23057
Takahiwai Hardcourt Renewal

Chief Executive Approval

The contract for Takahiwai Hardcourt renewal (CON23057) be awarded to the winning tenderer for the tendered sum of \$320,907.50 (Three hundred and twenty thousand, nine hundred and seven dollars and fifty cents) excluding GST.

In February 2021 Council adopted the Active Recreation & Sport strategy (the Strategy) to provide a high-level direction for WDC on how to meet current and future active recreation and sports facility needs for the district.

The Strategy contains District wide, Network planning, Code specific and Hub and Spoke recommendations.

An indoor and outdoor sports court demand study was undertaken to quantify actual sports courts capacity and hours demanded for competition and training on a code-by-code basis as the foundation of an implementation plan for courts improvements.

This identified that the old tennis courts located at the Sports Club are concrete and the sub-grade seems to have failed and the courts are no longer fit for purpose. These will be upgraded to a multi-sport court including, basketball, netball, tennis and volleyball. The work will also include, ducting for lighting, fencing, line marking, installation of hoops and nets, upgrading the surface playing area and health and safety.

Procurement Process

A Request for Proposal was sent to three contractors with expertise in the delivery of asphalt surfaces.

The three contractors were as follows:

- Robinson Asphalt Ltd
- Donovan Drainage and Earthworks Ltd
- Fulton Hogan Ltd

Tenders Received and Evaluated

Of the three contractors selected for the Request for Proposal we received two conforming responses from Robinson Asphalt Ltd and Donovan Drainage Earthworks Ltd on the closing date of 8 December 2023. Fulton Hogan Ltd did not submit a proposal.

The tenders were evaluated using the Lowest Price Conforming Methodology.

The tender evaluation took place on 13 December 2023 and consisted of the following panel members.

Deva Howat (WDC)

Gemma Aspden (WDC)

Darren James (Hoskin Civil Ltd)

Both tenders were deemed compliant to WDC requirements for the project and priced within \$10,000.00 of one another indicating the price provided by both is reflective of the current market conditions.

The evaluators concluded that Robinson Asphalt Ltd were the lowest price conforming supplier.

Tenderer	Price (Excl GST)	Less all Scheduled Fixed Amounts	Supplier Quality Premium	Adjusted Tender Price (Excl GST)
Robinson Asphalt Ltd	\$320,907.50			
Donovan Drainage and Earthworks Ltd	\$329,811.90			
Fulton Hogan Ltd	Nil submission			
Engineer's Estimate	\$240,000.00			

The Contract price exceeds the Engineers Estimate for the following reasons:

1. Engineers estimate produced in November 2022. Inflation on the project approximately 17% = \$40,000.00
2. A new (previously non-scoped) perimeter fence is required as existing fence is no longer fit for purpose = \$40,000.00

Financial

The Takahiwai Sports Complex development project budget is \$800,000.00 (PJ-0696-CX-6480).

Drainage works have already been undertaken at a value of \$45,000.00

Future budget commitment of \$300,000.00 is anticipated for lighting replacement once Resource Consent is obtained.

It is recommended that \$321,000.00 is approved for expenditure on the renewal of the Hardcourts.

This brings total planned spend on physical works to \$656,000.00.

3.0 Wastewater

Project OP 00130-2720

Wastewater Renewals: Desludging of Oxidation Ponds at the Portland Wastewater Treatment

General Manager Approval

That the contract for the Portland WWTP desludging to be awarded to Glasgow for the lump sum of \$143,826.60 (One hundred and forty-three thousand, eight hundred and twenty-six dollars and sixty cents) excluding GST with a contingency of \$13,074.60 (Thirteen thousand and seventy four dollars and sixty cents).

The Portland WWTP consent expires on the 31 May 2024. A Professional Services Contract has been awarded to Beca to assist WDC in the preparation of a resource consent renewal application. During this process, a sludge survey was carried out and it was found that sludge makes up over 30% of the active volume of each pond, reducing the plant treatment capacity significantly.

Beca also confirmed that the current resource consent allows WDC to carry out the work and no further resource consent is needed.

With extended weather forecast, it would be a dry summer which assists dewatering process and hence reducing sludge volume significantly. Therefore, desludging two ponds is necessary, and it should be done urgently this summer.

Procurement Process

The Procurement Process for this work has followed Councils' Procurement Policy.

A schedule of prices with a scope of work was sent to 3 different contractors: Conhur, Glasgow, and Sitecare. After 4 weeks, quotations were received.

Due to differences in scope of work and various consumptions made, two rounds of analysis were made.

First Round:

- It was assumed that all bidders had similar de-sludge volumes
- Same duration of the desludging process
- Same site mobilization, and de-mobilization of the equipment
- Supply of the same size of geotextile dewatering bag

After first round, Conhur and Glasgow were selected in the next round as they provided lowest dewatering unit price.

Second Round:

A detailed schedule of prices was sent to Conhur and Glasgow. Glasgow was found to be the lowest bidder and shortest dewatering period. They also were qualified Council's HSE requirements.

Tender Evaluation

The table summarised the total cost received from Conhur and Glasgow:

Details	Conhur	Glasgow
Total price	\$211,867.00	\$130,746.00
10% contingency*	\$21,186.70	\$13,074.60
Total price (excluding GST)	\$233,053.70	\$143,820.60

* The contingency amount is included in the contract to allow for unforeseen circumstances. Any claims made against this Contingency Sum will need to be assessed and approved by Principal. For more details please refer to quotation analysis: [Estimate for Portland WWTP desludge.xlsx](#)

Financial

This project is funded under Operational budget - 88101 OP 2761. Plant Operations – R&M: Plant & Equip Maintenance

The 2023/24 budget for this activity is \$607,718.00 which has all been committed. This spend will result in an estimated overspend of \$143,821.00. (Forecasts have been updated to reflect this).

Timing

Project to be completed by this summer – spend is expected to be recorded in February 2024.

4.2 Infrastructure Capital Programme Report – December 2023 – January 2024

Meeting: Infrastructure Committee

Date of meeting: 08 February 2024

Reporting officer: Jim Sephton (General Manager Infrastructure)

1 Purpose / Te Kaupapa

To provide a brief overview of the delivery of the Infrastructure Capital Programme that the Infrastructure Committee is responsible for.

2 Recommendation / Whakataunga

That the Infrastructure Committee notes the Infrastructure Capital Programme Report – December 2023 – January 2024 update.

3 Background / Horopaki

In November 2022, Council adopted committee terms of reference 2022-2025 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 November 2023.

The Capital Programme has been separated from the Operations Report so that it can provide the most recent information with regards to the Capital Programme. This report covers December 2023 and January 2024 period. At the time of producing the report financial information was not available however this will be included in the Capital Programme Finances which is presented at the Finance Committee.

4 Significance and engagement / Te Hira me te Arawhiti

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

5 Attachment / Ngā Tāpiritanga

1. Infrastructure Capital Programme Report – December 2023 – January 2024

Infrastructure Committee

Capital Programme Report

December 2023 – January 2024

Infrastructure – Capital Programme Report

Reporting Officer: Jim Sephton (General Manager Infrastructure)

Meeting Date: 08 February 2024

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1 Executive Summary

This is the Capital Programme Delivery Report to the end of **January 2024**.

Delivery of programme

Significant milestones reached on a number of projects which are now progressing into construction.

Notable milestones progressions

Business Case	External funding of \$3m for Morningside flood management has been secured through
Project Planning	<p>The project plan for accessibility and safety improvements are underway</p> <ul style="list-style-type: none"> • Dave Culham Raised Pedestrian Crossing • High Street Footpath • Nova Scotia – Safety improvements <p>Pacific Bay design solution to be amended following meeting with community.</p>
Execution	<p>Port / Kioreroa Road upgrade was completed before Christmas and opened to traffic. Final tidy ups and rail crossing signals to complete.</p> <p>Contract awarded for Kioreroa Road Rising Main Replacement</p> <p>Transport Choices construction funding confirmed by Waka Kotahi (late October). The delay in confirming funding has been offset by an extension of the deadline to June 2025.</p> <p>Scope of Lake Waro Skatepark project to be reconsidered following consideration of Hapu concerns and community support for an alternative location closer to town as part of the skatepark.</p> <p>Tikipunga sportsfield scope to be reconsidered given higher than budget construction costs and opportunity to achieve more play hours and improve value for money.</p>
Close out	A number of projects were completed and opened ahead of the Christmas break including Waipu Cove Traffic Calming, Tropicana Seawall and Port Road.

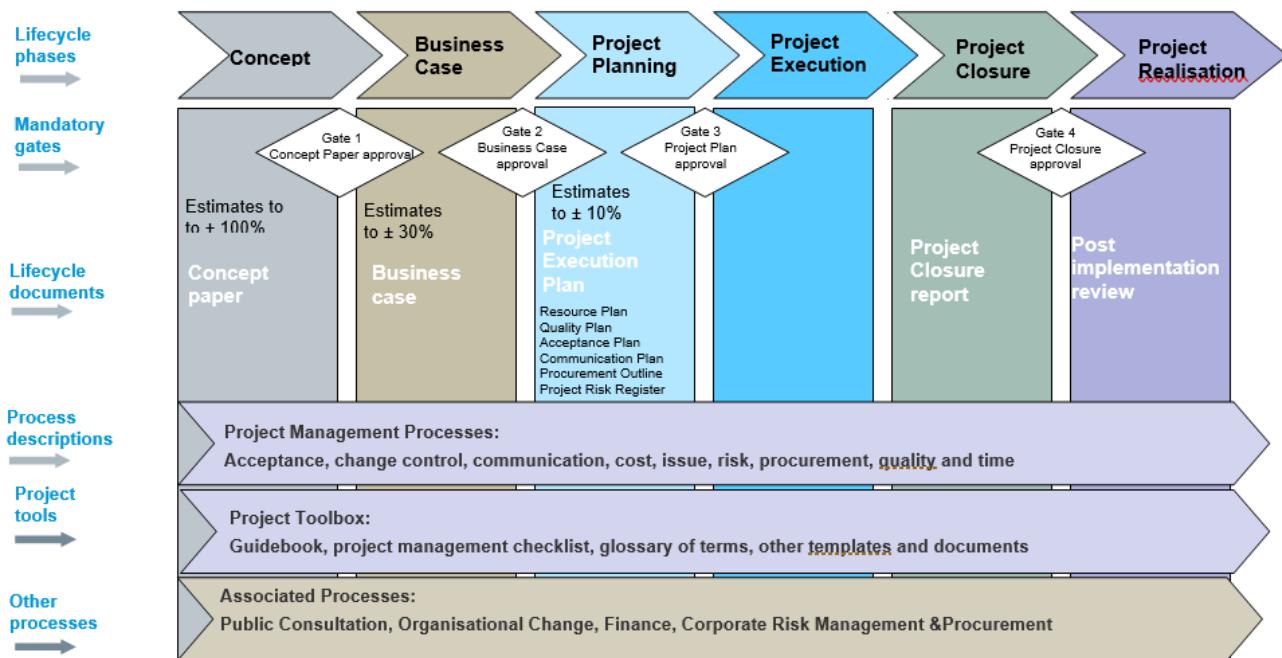
Key risks to delivery

- The possible closure of State Highway 1 for repair works will affect the delivery of several projects located on the by pass routes.

2 Reporting Structure

Project Management Framework and Project Lifecycle

The Project Management Framework (PMF) has been reviewed and updated to make it more streamlined and scalable. The new Investment Management Framework (IMF) will have more emphasis on completing the Business Cases so that whole of life costs, risk and procurement strategy is considered earlier in the process. Go fully live in 2024.



Programmes

The key programmes in the current LTP are:

- City Centre Revitalisation Programme
- Blue/Green Network Programme
- Pohe Island Masterplan Development Programme
- Transport Choices

Portfolios

Activity-based portfolios of projects are delivered by the Infrastructure Programmes Department and NTA Capital Projects Team. Minor works (<\$50,000) are delivered by operational teams.

- Parks & Recreation
- Transportation
- Drinking Water
- Wastewater
- Flood Management and Stormwater

External Funding

Portfolios and programmes of work funded primarily through external funding are reported to provide the Infrastructure Committee with overview of progress against commitments:

- Tourism Infrastructure Fund
- Climate Emergency Response Fund (CERF)
- Shovel-Ready Funding
- Provincial Growth Fund
- Infrastructure Acceleration Fund

The Better Off Funding Portfolio also reports through Te Karearea and full Council.

3 Council Programmes

3.1 City Centre Revitalisation Programme

This programme aims to upgrade the public realm (areas owned by Council) to create a sense of place through multi-functional, attractive spaces that revitalise the city centre so that people want to live, work, play, invest and do business here.

Key Progress

- Lovers Lane Bridge - Bridge complete.
- Construction funding for Cafler Park Boardwalk has been secured within the Waka Kotahi Transport Choices programme and procurement is underway.
- Expressions of Interest (EOI) process completed, next stage Request for Proposal closed and in evaluation stage for design services for the Waterfront to City Centre Connection (John St) project.

Key issues and opportunities

- Alignment of work around the civic centre. Control Group has been set up to make sure that our works are coordinated and well communicated.

Actions being taken

- Further funding options for the city centre programme will be considered during the Long-Term Plan process.

Project	Current Stage	Estimated	Estimated	RAG
		Construction Start Date	Completion Date	Status
Lover's Lane Bridge Replacement	Execution	Jul-23	Feb-24	
New bridge has been installed. Construction 90% complete. Bridge won't be open to the public until the adjacent Cafler Park Boardwalk connection to Second Ave (Raumanga Shared Path) and Lovers Lane paving is complete, estimated June 2024.				
Consultant/Contractor:	Hawthorn Geddes/ CANAM			
Cafler Park – Raumanga Shared Path Boardwalk	Execution	Nov-23	May-24	
Design of the boardwalk (4m width) which will connect Lovers Lane Bridge & Raumanga Shared Path at Second Ave is complete. Trees removed in preparation for construction. This is externally funded through Transport Choices Funding. Four local contractors will be invited to tender for construction to reduce timeframes & meet Waka Kotahi funding agreement.				
Consultant/Contractor:	Hawthorn Geddes/ TBC			
Waterfront to City Centre Connection	Execution	TBC	TBC	
John Street is being prioritised as there is a need to upgrade utilities in this corridor. External project manager has been appointed to fill resourcing gaps. Expression of Interest for design consultant completed with Request for Quote process to be completed in January.				
Consultant:	TBC			

3.2 Blue Green Network Programme

The 2016 Blue Green Network Strategy aims to create an attractive and environmentally sustainable urban environment that also restores waterways, addresses threats from flooding and the impacts of climate change.

Key progress:

- Lower Waiarohia Loop - Developed design is well underway with the scope for stormwater, drainage and water quality treatments being defined with the stormwater catchment planning team. Cultural Impact Assessment and the resource consent application has been prepared. Co-design with Te Parawhau and engagement with all stakeholders is ongoing.
- Raumanga Stream Rehabilitation – The Raumanga Stream banks on WDC-owned land between SH1 and Bernard St bridge will be rehabilitated over a period of 2 years plus 2 years of maintenance with weed clearance and revegetation. A contract has been awarded. Pre-start arrangements are now underway.

Key issues and opportunities

- Funding and alignment with NRC remain a concern for this programme. There is no funding proposed as part of the draft WDC LTP.
- A streambank slip near Water Street is being investigated.

Actions being taken

- Streambank slip repair options are being investigated with NTA and NRC.
- Consultant has been engaged to advise on engineered solutions for stream bed and bank stability in Raumanga at the Stream Restoration site.

Blue Green Network Programme	Current Stage	Estimated Construction Start Date	Estimated Completion Date	RAG Status
Lower Waiarohia Loop (Pocket Park to Hihiaua)	Execution	May-24	Jul-25	
Detailed design underway. Resource consent application & CIA prepared. Stakeholder engagement ongoing. Herekino Street side from Hihiaua Cultural Centre to Port Rd to be tendered & constructed first. Business case for crossing of Port Road now included in scope of this project. Potential for construction to be pushed out by 4-5 years through LTP process.				
Raumanga Stream Restoration	Execution	Feb-24	Jul-26	
Flood mitigation and environmental restoration. Weeding and revegetation on section from Bernard St footbridge to SH1 in Otaika. Work is to be staged over time and includes maintenance. Optioneering for engineered solutions underway for areas with high risk of stream bed and bank instability. Te Parawhau hapū engaged early and ongoing. Initial areas of work will be the path-side of the stream, and non-path side between SH1 and the reserve.				
City Centre and Waiarohia Flood Mitigation	Concept	TBC	TBC	
Investigation of City Centre has been proposed as part of the 2024 Long Term Plan.				

3.3 Pohe Island Masterplan Programme

William Fraser Memorial Park on Pohe Island is undergoing a transformation from a closed landfill site to a diverse landscape that contributes to the recreational, social, cultural, environmental and economic wellbeing of the wider community.

Progress

- Funding for the Spine path connection between rugby club and bike park is proposed as part of the draft LTP. Noted that this project would include drainage works to address leachate.
- Basketball court, multi-use court, multi-generational fitness equipment, path connections & tree plan being designed & priced internally to be considered for future LTPs to deliver community facilities for all ages and abilities.

Key issues and opportunities

- None

Actions being taken

- Funding of projects to be considered through the 2024 Long-Term Plan.

Pohe Island Masterplan Programme	Current Stage	Estimated Construction Start Date	Estimated Completion Date	RAG Status
Pohe Island Recreational Facilities	Business Case	TBC	TBC	
Concept design for basketball court and multi-use court, multi-generational fitness equipment, furniture, picnic tables and shade trees being completed. This will now be parked for future LTP considerations.				
Pohe Island Spine Path Connection	Business Case	TBC	TBC	
Proposed project in LTP. This will divert funding from shared path along road to the shared path from NRU building to the Bike Park. This is the final section of path that will link the Basin to the Bike Park.				

A number of projects that form part of the overall programme are now on hold and are not included in the Draft LTP for 2024 – Skatepark Stage 2, Marine Hub, Waterfront Development.

3.4 Transport Choices

We have now received construction funding for;

- Program 1 – Raumanga Shared Path Extension and CBD cycle parking
- Program 2 – Kamo Shared Path Connections
- Program 3 – Whangārei City Bus Improvements

Key progress:

- Waka Kotahi have now signed the funding agreement.
- Several projects within the Kamo and Raumanga programs have started.
- Consultation on Kamo Road T2 Lane completed.

Key issues and opportunities

- Waka Kotahi have extended the delivery due date to June 2025 – an additional 12 months – this will enable more logical delivery of projects within the three programs.
- Waka Kotahi reduced allocated funding by 10% of total budget. Scope of work reduced.

Transport Choices Programme	Current Stage	Estimated Construction Start Date	Estimated Completion Date	RAG Status
Raumanga Shared Path Extension	Execution	Oct-23	Jul-24	
Design work & safety audit is complete, engineers estimate updated. Current phase of works is preparing the tender document ready to procure the physical works.				
Consultant: Hawthorn Geddes Contractor: TBC				
Secured Bike Parking	Execution	Oct-23	Jul-24	
Installation of secured bike parking at key locations throughout Whangarei City. Alternative procurement approach being considered whereby costs will be largely offset by advertising. Briefing to Council in February.				
Consultant: ViaStrada / The Property Group Contractor: TBC				
Kamo Shared Path Connections	Execution	Nov-23	Jul-24	
Shared path connections linking key parts of the community. Works in Kamo Village started mid-November.				
Works on Clark Road / Three Mile Bush Road started in January.				
Consultant: JAS Civil. Contractor: Ventia				
Whangarei City Bus Improvements	Execution	Oct-23	Dec-24	
Consultation on Kamo Priority Lane was completed 4 October to 8 November. This included two drop-in sessions, media campaign, letter drops and online submissions. As a result of the feedback from community and design reviews, the proposal will be updated to address specific concerns raised.				
Rose Street Bus Hub Stage 2 detail design complete, with stakeholder consultation providing direction. This project removes key barriers such as Northpower plant from the Vine Street site which is signaled as a key development site in the WDC commercial property prospectus.				

Note that RAG has improved to Green to reflect funding approval from Waka Kotahi

4 Activity Portfolios

4.1 Parks & Recreation Portfolio

Projects are generally tracking well with the exception of Lake Waro and Tikipunga.

Projects	Current Stage	Estimated Start Date	Estimated Completion Date	RAG Status
Ruakākā Sports Fields – 2x New Field	Construction	Mar-23	Apr-24	
Construction 90% complete. Drainage and kikuyu turf are installed. The kikuyu turf is growing well with the aid of temporary irrigation and rain.				
Contractor/Consultant: TIC Contracting / NZSTI/ Vecta				
Tikipunga Sports Fields Upgrades	On Hold	Dec-23	Jun-25	
Open tender closed early November, tendered rates were above budget. A review of scope is completed and a paper will be presented to Council with options.				
Consultant: NZSTI, Stephenson and Turner, Arborlab, Hawthorn Geddes				
Onerahi Sports Fields Upgrades	Construction	Feb-24	Jun-24	
Upgrades to lighting, drainage, and irrigation. A preferred tenderer has been selected and contract approvals are being sought.				
Construction starting February 2024.				
Consultant: NZSTI & Hoskin Civil				
Takahiwai Sports Fields Upgrade	Construction	Apr-24	Aug-24	
Upgrades to lighting, drainage, and hard-court surface. Drainage is installed. The lighting construction is currently out for tender. A preferred tenderer has been chosen for the hardcourt construction which is scheduled to start in April.				
Consultant: NZSTI & Hoskin Civil				
Ngunguru Seawall Renewal	Construction	Mar-24	Oct-24	
Agreement with Hapū on Cultural Impact Assessment to be finalised. Resource consent to be finalised before construction starts in March 2024. Consultant: Hawthorn Geddes, Construction Contractor Clement Construction				
Tropicana Seawall Renewal/Upgrade	Close	Oct-23	Dec-23	
Construction works complete on time and within budget. Managing defects liability period and close-out activities.				
Raumanga New Playground and Toilets	Procurement	Feb-23	Jul-24	
Consents approved. Procurement of civil contractor estimated for February. Playground and toilet delivery due in 2025.				
Consultant: Arborlab, Vecta, Landform Consulting, Playco, Permaloo, Shade Systems				
Lake Waro Skatepark Upgrade, Hikurangi	On Hold	TBC	TBC	
Alternative skatepark location at Hikurangi sportspark being investigated. Redesign would be required. Paper to be presented to Infrastructure Committee to confirm change in scope and budget.				
Consultant: RICH Landscapes. Hawthorn Geddes.				
Ōakura Sports Park & Wetland Restoration	Feasibility	TBC	TBC	
Development of the Ōakura Sports Park, to align with council funding for a playground, sports fields, hardcourts and to continue with community plans for wetland restoration. Design, consultation, and technical reports are underway for the wetland and associated community facilities.				
Contractor/consultant: Morphum, Stellar Projects, Hawthorn Geddes, Geospatial Services Partial Better Off Funding				
Parua Bay Skatepark	Design	Mar-24	Jun-24	
Detailed design, ecological assessment, and the archaeological assessment are complete. The resource consent application will be lodged in February. Hapū engagement is ongoing.				
Consultant: Circle D Construction/ Vecta				

Parua Bay Sportsfield	Construction	Feb-22	Feb-24	
Construction is mostly complete, and the turf is growing in. A temporary irrigation system will be installed to aid the turf establishment. Field fencing, topsoil finishing and tree planting needs to be completed.				
Contractor/Consultant: Recreational Services / NZSTI/ Vecta				
Quarry Gardens Slip Retaining	Design	Mar-24	Jul-24	
Design is underway for a slip catching wall for one slip, rock anchoring for another slip and rock revetment for erosion protection in the stream. Note that this is an unbudgeted project resulting from adverse weather events.				
Contractor/consultant: Hawthorn Geddes				
Parua bay Pontoon renewal	Close	Nov-23	Dec-23	
Construction completed in December 23 and able to be used by the public over the summer.				
Contractor/consultant: Total Marine Service/ Shorewise Engineering				

4.2 Flood Management & Stormwater

An update on projects is provided below.

Stormwater Minor Works	Current Stage	Estimated Construction Start Date	Estimated Completion Date	RAG Status
Kaka Street Flood Mitigation	Execution	Sep-24	May-25	Green
Tender being drafted for feasibility design of preferred option, which is a pump system at the end of Rawhiti St. Grant funding application lodged (Local Government Flood Resilience Co-investment Fund). Road gate (to be closed when Kaka St flooded) has been designed and currently being reviewed by local business. External funding secured.				
Consultant: TBC				
Whangārei City Stormwater Consent	AEE drafted	N/A	N/A	Green
A draft updated AEE complete and under review.				
Consultant: GHD				
Pacific Bay Road SW Improvement for flood mitigation	Execution - Detail design	Mar-24	Mid 24	Yellow
Condition assessment of the existing culvert is completed. Proposed solution not agreed to by landowners. Solution to be reconsidered.				
Sorrento St pipe renewal	Execution	Dec 23	Jun 24	Green
Improvements to stormwater system currently being detailed. Project to be tendered with aim to start construction in April.				
Consultant: Beca				

Punaruku Russell Rd Flood Mitigation Bus. Case	Business Case	Jun-23	Mar-24	Green
Completed quadruple bottom line analysis in partnership with Punaruku mana whenua and local community. Identified the preferred way forward for LTP submission and in the medium- and long-term future. Completing full Business Case draft in Dec as well was water modelling report for project stakeholders and partners to review. Consultant: Synergiene. Better Off Funding				
Hikurangi Repo Flood Scheme – Business Case	Business Case	May-23	Jun-24	Green
Strategic Case completed August 2023. Technical reports under development to inform business case. Better Off Funding				

4.3 Wastewater Portfolio

More focus on getting the business cases right so that we have better cost and risk control. Procurement strategies will be reviewed as part of this.

Major Projects - Wastewater	Current Stage	Estimated	Estimated	RAG
		Construction	Completion	Status
		Start Date	Date	
Whangārei WWTP New Admin Building	Business Case	Mid-24	Mid-25	
Building size agreed with operations. Business Case (incl. Preliminary design) to be completed and cost estimate updated. Amber as Business Case needs to be approved.				
Whangārei WWTP Augmentation	Business Case	N/A	N/A	
Programme Business Case being developed so that there is greater clarity of scope and budget of the augmentation works - works required to meet consent conditions. Consultant: GHD				
Whangārei WWTP Odour Control	Execution	Feb-23	Mid-24	
Contract awarded. Construction start by end of February. Consultant: Beca Contractor: United Civil				
Ruakākā WWTP Upgrade	Business Case	Mid-24	Late-25	
Options for plant upgrades and treated effluent disposal are being investigated. This is expected to provide sufficient growth capacity in the near term. A scope and agreement have been drafted with Patuharakeke Trust Board, which would see them actively involved and participate in the process. Also progressing design works associated with the consent for coastal outfall as a longer term solution. Consents need to be given effect to by early 2027 otherwise they will lapse unless extension sought. Procurement plan for consultant to be developed. Consultant: TBC.				
Portland WWTP Resource Consent Renewal	Execution	N/A	Mid-24	
Existing NRC consents authorising the discharge of treated effluent expire 31 May 2024. Specialist investigations to inform the Assessment of Environmental Effects (AEE) are nearing completion. A draft AEE has been progressed and will be finalised once the Cultural Impact Report from Te Parawhau hapū has been received. A final hui prior to lodgement of the consent application has been scheduled. Engagement with identified key stakeholders continues. NRC has been kept informed of Council's programme to submit this consent application. Lodgement of the application is programmed for February 2024. Consultant: Beca				
Tutukākā WWTP Resource Consent Renewal	Execution	N/A	Mid-24	
Existing NRC consents authorising the discharge of treated effluent expire 31 May 2024. Specialist investigations to inform the Assessment of Environmental Effects (AEE) etc. are nearing completion. A draft AEE has been progressed and will be finalised once the Cultural Impact Assessments from Ngati Taka hapū and Te Waiariki hapū have been received. Final hui prior to lodgement of the consent application have been scheduled. Engagement with identified key stakeholders continues. NRC has been kept informed of Council's programme to submit this consent application. Lodgement of the application is programmed for February 2024. Consultant: Beca				
WW Emergency Overflow Tank – Parua Bay	On Hold	Mar-24	Feb-26	
In detailed design phase. Expressions of Interest for early contractor involvement closed mid-November 2023, with supplier short-list recommendation expected by end of Nov 2023. Re-checking network modelling. Consultant: Mott MacDonald				

WW Rising Main Renewal Kioreroa Road	Execution	Feb-24	Dec-24	
The construction tenders have been evaluated and contract awarded by the end of January 2024.				
Consultant: WSP				
Hikurangi WWTP – Modular Plant & Inlet Screen	Execution	Early 21	Jul-24	
Automation work to be completed. A resource consent application is being developed to remove sludge/vegetation from existing wetland for disposal to site.				
Consultant: Aquaeiro				
Whangārei WW Network Discharge Consents	Execution	N/A	Dec-24	
Network discharge consents (NDC) covering the wastewater pump stations and piped reticulation network for the WDC's Whangārei Wastewater Scheme including the Whangārei Heads network (excludes the Whangārei Wastewater Treatment Plant) as required by the NRC's Proposed Regional Plan for Northland.				
The Whangārei Wastewater network model update & calibration (separate project) is being finalised, and the system performance reporting is programmed for March 2024 which will inform the assessment of effects required to support the consent application.				
Additional data gathering in progress and other specialist's services being procured i.e. public health risk assessment, ecological assessment, & odour assessments.				
A hapū working group is proposed to be set up and advice from the Maori Outcomes team has been provided confirming the hapū to be invited to this working group.				
A draft application for the Whangarei wastewater network discharge consents is programmed for December 2024, and the lodgement of the application is programmed for early 2025.				
The NRC has been kept informed of Council's programme to submit this consent application.				
Consultant: Mott MacDonald				

4.4 Water Supply Portfolio

Procurement for the construction of treated water storage reservoirs at Three Mile Bush and Dip Road to improve the resilience of supply underway. It is anticipated that construction at both sites will commence this year. The Poroti Water Treatment Plant Upgrade project is on hold pending the outcome of ongoing discussions with Whatitiri Māori Reserve Trust.

Projects	Current Stage	Estimated Construction Start Date	Estimated Completion Date	RAG Status
Three Mile Bush Reservoir	Procurement	Feb-24	Oct-24	
Land purchase and easement agreements have been completed. Detailed design and consenting are complete. Engagement with hapū is ongoing, a meeting was held onsite in November 2023 to update hapū on project status and discuss the cultural approach for construction. Procurement approach completed with tender documents being prepared for release in January 2024.				
Consultant: Vecta				
Kamo Reservoir (Dip Road)	Tender	Feb-24	Oct-24	
Design complete. Agreements with the adjacent development (Onoke Heights) are being negotiated. A meeting was held onsite in November 2023 to update hapū on project status and discuss the cultural approach for construction. The project tenders are currently being evaluated aiming for contract award by the end of January 2024.				
Consultant: Tonkin and Taylor & Vecta				
Porotī Water Treatment Plant	Execution	2024	TBC	
Detailed design draft complete. RAG status is RED as project team cannot progress project until Council direction is determined with regards Hapu expectations. A workshop (Te Karearea) is scheduled for February ahead of a Council meeting.				
Working to address hapū and irrigation concerns before lodging consent. Negotiating with hapū on scope of Cultural Impact Assessment.				
Consultant: Beca				

As directed by the Ministry of Health this fluoridation programme involves the installation of fluoride dosing equipment.

Fluoridation Programme	Current Stage	Estimated Construction Start Date	Estimated Completion Date	RAG Status
Whau Valley Water Treatment Plant	Construction	Mar 24	Jun 24	
Construction Phase: All long-lead items have been ordered, electrical and civil sub-contractors have been engaged, construction commencement early March 2024, with completion end of June 2024				
Consultant: Beca Contractor: Bellcon Ltd				
Ruddell's Water Treatment Plant	Construction	Dec 23	Jul 24	
Construction Phase: All long-lead items have been ordered, electrical and civil sub-contractors have been engaged, contractor has mobilised to site, with completion end of July 2024				
Consultant: Beca Contractor: Bellcon Ltd				
Bream Bay Water Treatment Plants	Construction	Feb 24	Sep 24	
Construction Phase: All long-lead items have been ordered, electrical and civil sub-contractors have been engaged, construction commencement mid Feb 2024, and completion end of Sep 2024.				
Consultant: Beca Contractor: Bellcon Ltd				
Porotī Water Treatment Plant	Execution	End 23	End 26	
This will be delivered as part of the overall treatment plant upgrade works				

4.5 Transport Portfolio

This report focuses more on the capital programme relating to activities in the transport system – e.g. safety, walking and cycling etc. These are typically projects which have greater public visibility and community connections.

Delivery of the traditional ‘Roading’ (i.e. Recovery, Rehabilitation, Bridge replacements etc) is critical and will be reported through the Operations Report and as a separate Information Agenda item so that the Committee are fully informed.

Transport Capital Projects	Current Stage	Estimated Construction Start Date	Estimated Completion Date	RAG Status
Port / Kioreroa Intersection Upgrade (CIP)	Execution	Jul-22	Feb-24	Amber
Construction of the roundabout is now completed and most traffic management has been removed. The only remaining works are the pedestrian crossings which are likely to be completed in February and the rail crossing signals, barriers and gates which are expected to be completed by June. The delay for the rail crossing is due to the Kiwirail signal approval process and long lead of the rail crossing controller. Amber due to budget pressure and programme impacts due to Kiwirail signal design approvals.				
Contractor/Consultant: United Civil Construction / WSP				
Kamo Shared Path – Stage 5A	Construction	Sep-23	Jun-24	Green
Extension of shared path from Fisher Terrace through to Farmer Street. Shared path connections. Construction is progressing well.				
Contractor: Ventia				
Kamo Shared Path 5B	Construction	Nov-23	Jun-24	Green
Extension of Stage 5A from Farmer St to Station Road and Kamo Road. Shared path connections. Traffic calming treatment. Combined with Transport Choices Kamo Connections in Kamo Village. Works started in mid-November.				
Contractor: Ventia				
Waipu Cove Village Traffic Calming	Construction	Oct-23	Dec-23	Green
Majority of the works completed. Minor details being completed.				
Contractor: WMC				
Raumanga Traffic Calming	Construction	Oct-23	May-24	Green
Works on hold to focus on Three Mile Bush Road during school holidays. Site is all opened up and traffic management in place.				
Contractor: ACL				
Onerahi Traffic Calming	Construction	Oct-23	Apr-24	Green
Works on hold to focus on Three Mile Bush Road during school holidays. Site is all opened up and traffic management in place.				
Contractor: ACL				

Photo Wall - Transport

	
<p><i>CON22091 WDC Resilience Works – Paparoa Road Site 3 Redi Rock Concrete Block Retaining Structure</i></p>	<p><i>CON22091 WDC Resilience Works – Paparoa Road Site 3 Redi Rock Concrete Block Retaining Structure</i></p>
	
<p><i>CON22093 (Murdoch Crescent) Whangarei Urban Traffic Calming</i></p>	<p><i>CON22093 (Raurimu Ave) Whangarei Urban Traffic Calming – Kea Crossing constructed</i></p>

	
<p><i>CON22065 Waipu Cove – completed zebra crossing, footpaths and lighting</i></p>	<p><i>CON23052 Totara Parklands Bus extension – prepped bus bay ready for pouring at Wairau Drive</i></p>
	
<p><i>CON17085 (NTC140): Whangarei Heads Rd Speed Management</i></p>	<p><i>CON17085 (NTC141): Ngunguru Rd (HRRR) – ATP Markings and RRPMs</i></p>
	
<p><i>CON21015 Port / Kioreroa Roundabout – Signalised pedestrian crossing on Port Rd</i></p>	<p><i>CON21015 Port / Kioreroa Roundabout – Landscaping in central island</i></p>

5 External Funding

This section reports on projects which have largely been driven by external funding.

Fund	Organisation	Awarded	Spend to date	Date to be completed
Tourism Infrastructure Fund	Ministry of Business, Innovation and Employment (MBIE)	\$4.75m	Approx. \$4.5m TIF funding plus WDC co-funding	Various, latest Jun-2024
Infrastructure Acceleration Fund	Ministry of Housing and Urban Development via Kainga Ora	\$10m IAF funding approved for Springs Flat Roundabout. Total budget is \$23m.	\$1.6mil including WDC co-funding	April 2026

5.1 Tourism Infrastructure Fund

Projects with a tourism focus, partly funded by the Ministry of Business, Innovation and Employment (MBIE) Tourism Infrastructure Fund. Future focus is intended to be on Destination Management Plans and alignment with Regional Economic Development plans, eventually funded through the Tourism Levy.

Tourism Infrastructure Fund Programme	Current Stage	Estimated Construction Start Date	Estimated Completion Date	RAG Status
Tamaterau Carparks Upgrade	Close out	Feb-23	Mar-24	
Layby area and main carpark construction is complete. Reserve renaming approved. Submission to NZ Gazette in progress. New information sign and park signs to be installed in March 2024. Cultural blessing event planned in March to officiate the name change and new information/cultural heritage signage. Contractor/Consultant: Hauraki / Robinson Asphalts, Hawthorn Geddes				
Town Basin Bus Facilities Upgrade	Close out	Aug-22	Jun-24	
Practical completion has been signed off. Visitor information point planning underway. Consultant: Isthmus Contractor: Robinson Asphalts				
Restoring the Mauri of Matapōuri Stg 1	Execution	Nov-22	Apr-24	
New waterless composting public toilet successfully opened to the public. Planning and engagement for implementing a second waterless composting public toilet in Matapōuri will commence after proof of concept has been demonstrated over the first 3-6 months of the new toilet at Matapōuri Hall. Follow up public meeting planned for April 2024. Contractor/Consultant: Synergen / WCTNZ				

5.2 Infrastructure Acceleration Fund

Projects that unlock future housing areas, partly funded via Kainga Ora through the Infrastructure Acceleration Fund.

Funding for the Springs Flat project has been approved by Kainga Ora. This project is broken into three separate projects as detailed in the table below.

All projects are in design and progress to construction is dependent on confirmation in the wider Tikipunga Growth Infrastructure Response Plan. A Council Briefing on this work is being prepared and will confirm the appropriateness of investment.

Infrastructure Acceleration Fund Programme	Current Stage	Estimated Construction Start Date	Estimated Completion Date	RAG Status
Springs Flat Roundabout & Approach Roads	Execution	Oct-24	Apr-26	
The preliminary design has been finalised and work is proceeding with the detailed design. Planning assessments are well underway. Flooding modelling undertaken using the new NRC/WDC flood model to determine the effects of the development and any mitigations required. This modelling should be completed in January.				
The purchase of two properties have been completed and another property purchase has been approved at the December Council meeting. This should be settled in January. Further land negotiations are ongoing.				
A hui with the hapū for the northern housing area has identified that they are generally opposed to this housing development. However, they have identified issues that they would need addressed if it were to go ahead. A spatial panning exercise is being planned involving the hapu to try and address their concerns. Delays in this area are why the RAG status is Amber. A six month extension of time for this element of the project has been negotiated with Kainga Ora.				
Consultant: Northern Civil Consulting Engineers. Contractor: TBC				
Shared Path – Station Rd to Roundabout	Execution	May-24	Oct-25	
Detailed design is progressing and ground surveys of the route are being undertaken in January. The route encroaches onto Waka Kotahi land to avoid a wetland and discussion with Waka Kotahi to secure permission for this are ongoing.				
Consultant: JAS Civil. Contractor: TBC				
Gillingham Road Bridge Replacement	Execution	Aug-24	Apr-25	
The detailed design is at the 85% stage and peer reviews of the design are underway. A safety audit of the design has also been completed. The planning assessment is nearing completion. Amber risk due to need to align with hapu engagement. A six month time extension for this element of the project has been negotiated with Kainga Ora.				
Consultant: WSP Contractor: TBC				

6 Procurement Activity

6.1 Market Conditions

We are seeing a lot of movement in personnel within the industry however Contractor capacity to deliver work remains good.

Constraints are largely within the planning phase where hapū capacity is challenging. We are working with mana whenua to work as effectively as possible and ensure that remuneration is not a barrier.

A particular focus this month is reducing the extent of traffic management works within our projects. The opportunity to change the risk profile on projects as part of the movement away from the Code of Practice for Traffic Management (COPTM) is a piece of work that we are developing with CCNZ Northland.

6.2 Procurement Pipeline

A draft three-year programme has been issued to the CCNZ Exec for their feedback ahead of an industry briefing in February. This includes an indicative Procurement Strategy for Professional Services and Physical Works.

6.2 Procurement Strategy Review

We are reviewing our Procurement Strategies and seeking to drive efficiencies across our work programme. We're engaging with the wider supply chain to look at how we can remove barriers for small/medium organisations.

Procurement Strategy Target	Progress
Provide more flexibility around start dates so that we're not paying a cost premium to get the work done at short notice	<p>Underway with current programme.</p> <p>Sea defence walls were tendered as a package with flexibility to allow impact on community and workforce to be managed.</p> <p>Three-year programme will support this approach.</p>
Divert costs from traffic management into actual construction works	<p>Starting a process to move to a risk-based approach.</p> <p>Contractors are looking to pilot a hybrid approach in the northern area.</p> <p>Already seeing work being undertaken with roads closed rather than TTM.</p>
Reduce tender and administrative costs by packaging work so that contractors have a pipeline of work that they can resource	<p>Three-year programme includes packages and panels which are supported by industry.</p> <p>Seawalls and traffic safety projects have been packaged up. This has enabled some smaller contractors to enter the market.</p>
Improving the specifications included in our tender packages so costs can reflect what is really needed	<p>More work to do here.</p> <p>Noted that the move to NZ3910: 2023 Contracts prioritises Construction Drawings over Specifications which will help</p>

	Have started a regular slot at the ACENZ/Eng NZ meeting in Whangarei and working with our consultants
Reviewing our Engineering Standards (particularly for Pavement) so that local product can be used appropriately	Representatives from Contractors are now working with our team as we develop the next version of our Engineering Standards
Reduce the costs associated with contractor risk by allocating risks earlier in the process	CCNZ have provided a risk allocation spreadsheet. We will trial this on an upcoming tender
Capitalise on innovation by involving contractors earlier in the process	Kioreroa Road Rising Main tendered with option for alternative construction methodologies. This will be tested at the Project Planning stage Our major / complex projects are moving into this space
Achieve broader outcomes through our investment	WDC are participating in an initiative with other clients in the district to seek stronger community outcomes as part of infrastructure investment.

4.3 Infrastructure Operational Report – November – December 2023

Meeting: Infrastructure Committee

Date of meeting: 08 February 2024

Reporting officer: Jim Sephton (General Manager Infrastructure)

1 Purpose / Te Kaupapa

To provide an overview of Infrastructure Operational Services that the Infrastructure Committee is responsible for.

2 Recommendation / Whakataunga

That the Infrastructure Committee notes the Infrastructure Operational Report November - December 2023 update.

3 Background / Horopaki

In November 2022, Council adopted committee terms of reference for the 2022-2025 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 November and December 2023.

4 Significance and engagement / Te Hira me te Arawhiti

The decision 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 / Ngā Tāpiritanga

Infrastructure Monthly Operational Report – November – December 2023

Infrastructure Committee

Operational Report

November - December 2023

Infrastructure Monthly Operational Report

Reporting Officer: Jim Sephton (General Manager Infrastructure)
 Meeting Date: 08 February 2024

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1 Executive Summary

This is the Infrastructure Operations Report for November and December 2023.

Health & Safety – One notifiable incident in the period which relates to a gas strike. All appropriate procedures were followed and there was no resulting harm. There was a high-risk potential near miss involving a company locating and nearly striking an underground high voltage line. All safety precautions had been taken, preventing an actual incident.

Incident reported by an employee about a member of the public involving a person deliberately cutting down trees on a reserve. A trespass notice was subsequently served on the person, due to this and other unreasonable behaviours.

A security related incident involved a homeless person sleeping in the Onerahi cemetery, displaying unreasonable behaviours to staff and the public. A trespass notice was prepared ready to serve however the person has moved on.

There has been discussion about hazards on Council land, which are not workplaces, and our resulting legal and safety obligations. A report on this will be produced through Risk & Audit.

Wastewater – We continue to make a concrete effort to clear the backlog of requests in this area. Additional Resources have been engaged, internally and Contractor, to work through these. We are working with our Contractor to resolve response issues. Noted that the Waste & Drainage Contract will be retendered later this year as the current contract concludes in November 2024.

There were five spills in this period due to blockages, pump issues and one involving a crash. Appropriate processes were followed, and relevant authorities notified.

Hikurangi Land Drainage Scheme – No significant issues. Design work is ongoing for a new flood gate to be installed at Junction station to improve flood discharge capacity and the possibility of retiring the pocket's pumpstation.

Laboratory - The renovations to remove an identified workflow hazard have been completed.

Water Services - Two compliments and one complaint were received. The compliant related to water being shut off to a property without the customer being informed. The contractors have been advised to ensure they door knock before turning water off. The compliments were both customers who were impressed with the quick response of the contractors to fixing leaks.

All the treatment plants and the distribution networks were fully compliant for the month. Poroti plant failed on UV for one day but overall, the plant was still compliant. Intervals between samples were too long for samples taken in the Whangarei Heads and Hikurangi zones - This was a laboratory scheduling error and staff are working on how this can be prevented in future.

This year's main replacements have been appointed to local contractors and work started on Jordan Street, Hikurangi prior to Christmas. After Christmas water mains in Pah Road, Onerahi and Arcus Street, Morningside are due to be replaced.

Transport - Multiple Ventia NZ Ltd sites have been under investigation for the past few months with a concerning downward trend in site compliance and safety. An improvement notice has been issued to Ventia.

We are working closely with New Zealand Transport Agency Waka Kotahi (NZTA) in the planning and preparation of the Brynderwys closure. Over 90% of the works on alternative routes have been undertaken in preparation for the closure.

Solid Waste - Kerbside collections and rural transfer stations operated as normal in November and December. Kerbside and transfer station rubbish tonnages increased due to the usual summertime peak as bach owners prepare for the summer and people clean up at the end of the year. Additional collection crew staff have been recruited for the summer peak and the extra collections on Friday and Saturday in January.

Parks & Recreation - Replacement pontoon and gangway for Parua Bay has been constructed. Safety improvements to Wharf Rd wharf have been designed. Proposal is a fibre reinforced plastic (FRP) overlaid over the existing concrete. Supply and install contract currently out for pricing.

Further slips affected Drummond Track and recommendation is to construct alternative route.

Ongoing issues with Personal Vehicle Dwellers (PVDs) and houseless persons residing at sports parks around the district. A briefing paper will be coming to Council on this issue.

Health and Safety

Statistics for the Infrastructure Group – November 2023

Type of incident	Employee incidents	Contractor incidents	Member of the public reported incidents in our workplaces
WorkSafe notifiable incident	0	1	0
Lost time injury (LTI)	0	3	0
Medical treatment injury (MTI)	0	1	0
Minor injury	1	3	0
Pain and discomfort report	1	1	0
Stress and fatigue	0	0	0
Incident – Occupational health exposure	0	0	0
Incident – Near Miss high risk potential	0	3	0
Incident – Near Miss low risk potential	1	4	0
Incident - Property Damage	0	1	0
Incident – Vehicle related	1	4	0
Incident – Security related	0	1	0
Incident - Environmental	0	0	0
Incident – non work medical condition affecting the worker or person	1	0	0
Hazards reported (Note: this is not required, but some companies send these anyway)	1	1	0

Contractor incident explanations:

- The Worksafe notifiable event involved a gas strike. All appropriate procedures were followed and there was no resulting harm.
- The three lost time injuries involved manual handling/ergonomic issues.
- The high-risk potential near miss involved a company locating and nearly striking an underground high voltage line. Fortunately, all safety precautions had been taken, preventing an actual incident.

Incidents reported by employees about members of the public or involving contractors

Type of incident	Contractor incidents reported by employees	Member of public incidents reported by employees
Minor injury	0	2
Property damage	2	1
Security related incident	2	1

Explanation of the above:

- One of the property damage incidents reported by an employee about a member of the public involved a person deliberately cutting down trees on a reserve. A trespass notice was subsequently served on the person, due to this and other unreasonable behaviours.
- The security related incident involved a homeless person sleeping in the Onerahi cemetery, displaying unreasonable behaviours to staff and the public. A trespass notice has been prepared and is ready to serve, but the person seems to have moved on.

Statistics for the Infrastructure Group – December 2023

Type of incident	Employee incidents	Member of the public reported incidents in our workplaces
WorkSafe notifiable incident	0	0
Lost time injury (LTI)	0	0
Medical treatment injury (MTI)	0	0
Minor injury	1	0
Pain and discomfort report	1	0
Stress and fatigue	0	0
Incident – Occupational health exposure	0	0
Incident – Near Miss high risk potential	0	0
Incident – Near Miss low risk potential	0	0
Incident - Property Damage	0	0
Incident – Vehicle related	1	0
Incident – Security related	2	0
Incident - Environmental	0	0
Incident – non work medical condition affecting the worker or person	1	0
Hazards reported (Note: this is not required, but some companies send these anyway)	1	0

Unfortunately, we are unable to report on the December contractor statistics in this report as not all have supplied them. This will be covered in the next report.

Internal health and safety audits

We conducted an internal audit in November at the Whau Valley water treatment plant on compliance to lock out and permit to work systems. While there were several recommendations for improvement noted, in general, the standard to which the operations team are using and following these systems was very high. We did the same audit at the Waste treatment plant in December and we found standards were again very and pleasingly high.

An internal review of a sample of contractor health and safety monitoring was undertaken in November.

A hazardous substances audit was arranged for the wastewater treatment plant in Kioreroa Road. We are awaiting the audit report.

Key health and safety updates:

- There has been discussion about hazards on Council land, which are not workplaces, and our resulting legal and safety obligations. A report on this will be produced through Risk & Audit
- In November, we ran an online training course with the Waste Team with our Occupational Health Doctor presenting about bio-hazards and important hygiene controls to keep people well.

3 Wastewater

3.1 Health & Safety

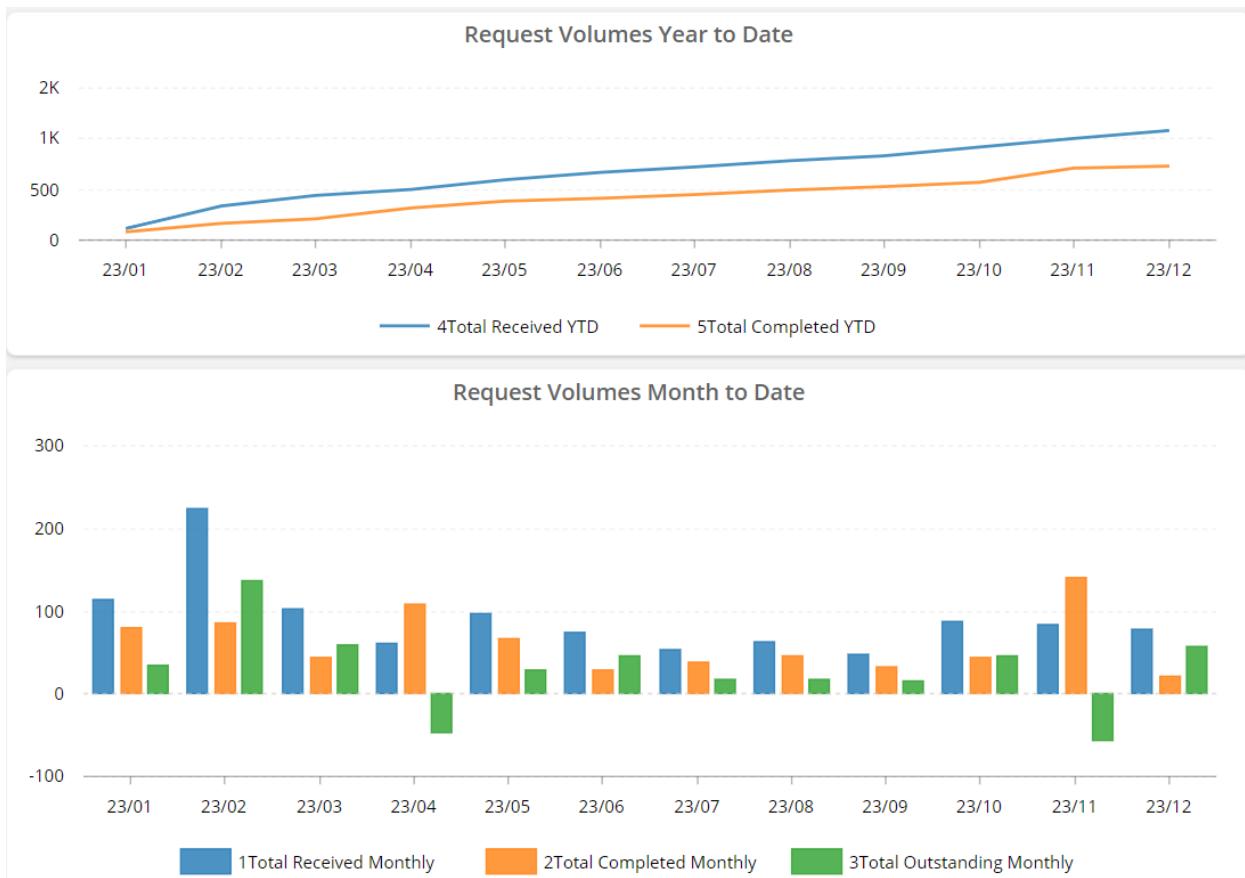
First aid refresher course completed by two additional operators.

A mobile platform was delivered to Hikurangi WWTP to keep staff safe while maintaining final effluent tank sensor.

Confined space entry for all WWTP review was completed.

3.2 Customer requests and feedback

A number of positive feedbacks were received during Christmas period.



There remain a large number of requests that haven't been accepted or still showing as incomplete. Additional Resources have been engaged, both internally and with the Contractor, to work through these.

3.3 Network Performance

Whangarei Wastewater Treatment Plants (WWTP)

November experienced a gradually declining flow to the Whangarei WWTP. In contrast, the flow was fairly consistence in December, besides a couple of spikes coinciding with rainfall events.

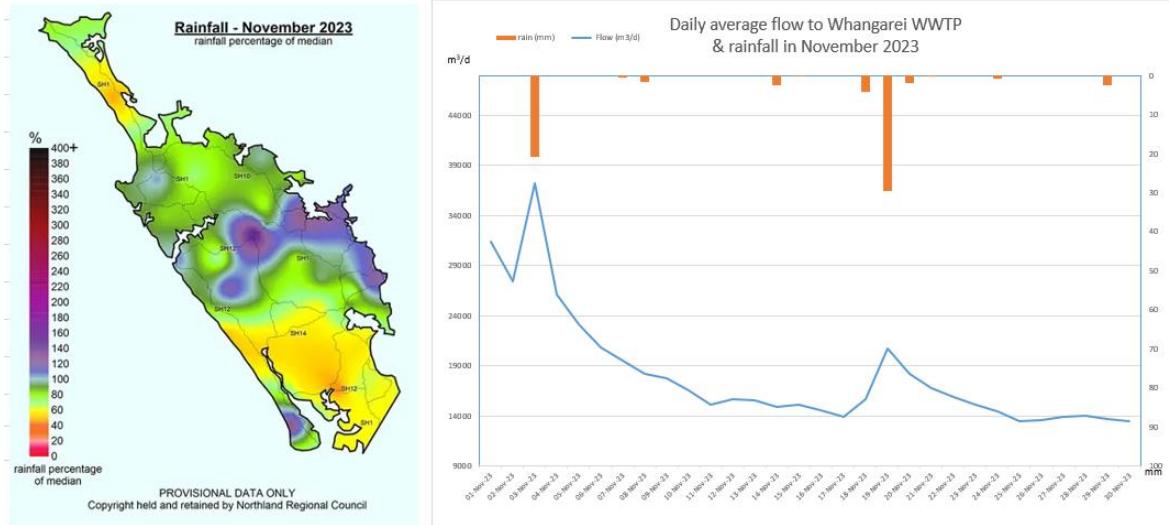


Figure 1: NRC image depicting the percentage of normal rainfall daily average flow in Whangarei WWTP in November 2023

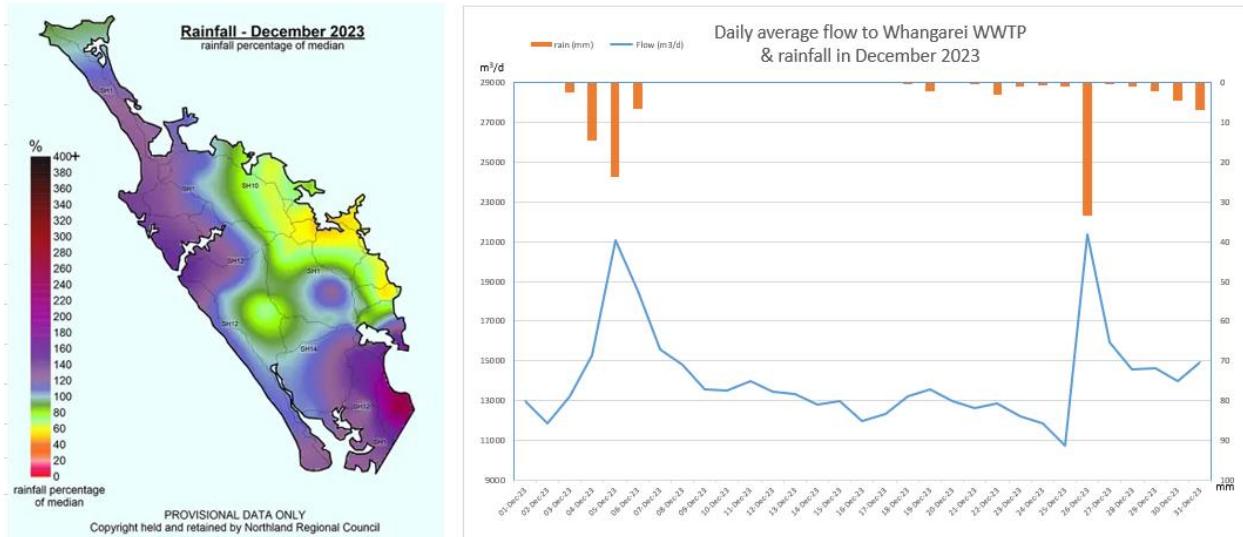


Figure 2: NRC image depicting the percentage of normal rainfall daily average flow in Whangarei WWTP in December 2023

Reticulation

There were five spills during November – December 2023 period.

Date Spill Started	Date Spill Detected	Date Spill Ceased	Location	Cause	Volume (m³)	Type of Sewage	Action Taken
02/11	02/11	02/11	Corner of Hodgson Street and Ngaio Street, Onerahi	Pumps failed to start and telemetry failed to send out an alarm	<1m3	Raw/Unscreened	Pumps started in manual and pumped down, electrical investigation underway, NRC and DHB notified.
19/11	19/11	19/11	10 Deveron Street, Whangarei	Wood and rag blockage in manhole external dropper. 300mm main lined with PVC. Elevated flows due to moderate rainfall	<3m3 estimated	Raw/Storm Water Content	NRC and DHB notified, spill areas cleaned and disinfected
27/11	27/11/	27/11	8 Rewa Rewa Road, Whangarei	Blockage in downstream line consisting of large rock and wipes. Low flows, fine weather over weekend	<3m3 estimated	Raw/Unscreened	NRC and DHB notified, line flushed several times and CCTV,d, area cleaned and disinfected.
28/11	28/11	28/11	92 Ritchie Road, Parua Bay	Control and telemetry issues at Cruising Club pump station	<2m3	Raw/Unscreened	NRC,DHB and Oyster farmer notified, spill signs erected warning against swimming for 5 days and shellfish gathering for 28 days.
1/12	1/12	1/12	182 Whangarei Heads Road	Rising main air release valve and chamber damaged by car crashing off the road tearing a hole in the stainless-steel pipe. Low flows, fine weather	<1m3	Raw/Unscreened	NRC and DHB notified, leak repaired

3.4 Contractor Performance

A few positive feedbacks were received about TDG's performance during December which is pleasing. However, they continue to struggle with response and resolution time in Tech1.

3.5 Key activities in the last month

Whangarei Wastewater Treatment Plants (WWTP):

Hydraulic modelling processing well. Result shall be available in Jan 2024. A new screw conveyor was replaced at band screen No 1. Digester mixer No 4 has been back in service following rebuild. UVT analysers were serviced by subcontractor. Equalization basin (EQ) pump No 1 has a new a variable speed drive (VSD) installed. Level for wash compactor at inlet screen No 2 was replaced.

New low flow UV lamps were delivered and stored in high flow UV building.

Hikurangi

Anolyte system was commissioned just before the Christmas period. A new operating procedure as well as confined space register needs to be developed for the plant. This is underway.

The Anolyte system consumed a lot of salt during commissioning; we are sourcing salt to make up the dosing solution.

Ruakaka

Wetland no1 desludge completed and the floating wetland is ready to be installed by the contractor, Waterclean Technologies.

Portland

Resource consent renewal progressing well. Desludge contract was awarded to Glasgow. Project to start in early Feb 2024.

Tutukaka

Resource consent renewal progressing well. UV system was cleaned using sodium hypochlorite.

Ngunguru

The desludging estimate using a container decanting system is considered expensive. It was therefore decided to proceed with the Portland desludge first – geobags and holding bund. A resource consent will be applied for so that a similar method can be carried out in Ngunguru.

Waipu

Metal was topped up at wet area along the western boundary fence.

3.6 Significant Risks and issues

No issue to be noted.

3.7 Performance Measures and Compliance

In defined areas, Council will collect, treat and dispose of wastewater through a reliable wastewater network which is managed to ensure blockages, breaks or spillages are kept to a minimum.

Performance Measure	2023 – 24 target	Compliance
Compliance with Territorial Authority (TA) resource consents for discharge from its sewerage system measured by the number of: (a) abatement notices (b) infringement notices (c) enforcement orders, and (d) convictions received by the territorial authority in relation those resource consents.	0	On target. (2022-23 0)
The number of dry weather sewerage overflows from the TA's sewerage system, expressed per 1000 sewerage connections to that sewerage system.	≤1.35	On target. Typical frequency of dry weather spills due to blockages being experienced.
Residents' satisfaction with the wastewater network and treatment (Recorded through the Residents Survey).	≥70%	(2022-23 78%)
4.1.4 The total number of complaints received by the TA about any of the following: (a) sewage odour (b) sewerage system faults (c) sewerage system blockages; and (d) the TA's response to issues with	≤20	On target (2022-23 16.88)

Performance Measure	2023 – 24 target	Compliance
its sewerage system expressed per 1000 connections to the TA's sewerage system.		
4.1.5 Where the TA attends to sewerage overflows resulting from a blockage or other fault in the TA's sewerage system, the following median response times measured:		
(a) attendance time: from the time that the TA receives notification to the time that service personnel reach the site; and	≤1 hr	*
(b) resolution time: from the time that the TA receives notification to the time that service personnel confirm resolution of the blockage or other fault.	≤7 hr	*

* contractor has been struggling with response & resolution time

4 Stormwater and Hikurangi Land Drainage Scheme

4.1 Health & Safety

No issues identified

4.2 Customer requests and feedback

A significant number of requests have been closed by TDG, our maintenance contractor. However, there are still a large number of requests outstanding.

4.3 Network Performance

No issues identified for the month.

4.4 Contractor Performance

See section 3.4

4.5 Key activities in the last month and next month

- Helicopter spray for Hikurangi flood scheme rescheduled for Jan 2024 as weather was not suitable during December – high winds.
- Design work is ongoing for a new flood gate to be installed at Junction station to improve flood discharge capacity and the possibility of retiring the pocket's pumpstation.
- Mechanical cleaning for Hikurangi completed for Te Mata pocket, contractor shall be working at Ngararatuua in Jan 2024.

4.6 Significant Risks and issues

No issue identified.

4.7 Performance Measures and Compliance

Council will manage the stormwater network to minimise flood risks within defined service areas.

Performance Measure	2023 – 24 target	Compliance
Compliance with the territorial authority's (TA) resource consents for discharge from its stormwater system, measured by the number of: (a) abatement notices (b) infringement notices (c) enforcement orders; and (d) convictions received by the TA in relation to those resource consents.	0	On target (2022-23 0)
Residents' satisfaction with stormwater drainage service (Recorded through the Residents Survey).	≥70%	(2022-23 65%)
The number of complaints received by a TA about the performance of its stormwater system, expressed per 1000 properties connected to the TA's stormwater system. (c.)	≤16	On target (2022-23 3.28)
(a) The number of flooding events (a.) that occur in a TA district; and (b) for each flooding event (a.) the number of habitable floors affected (b.) expressed per 1000 properties connected to the TA's stormwater system.	0	On target (2022-23 0)
The median response time to attend a flooding event, measured from the time that the TA receives notification to the time service personnel reach the site	≤1 hr	On target (2022-23 0)

Notes:

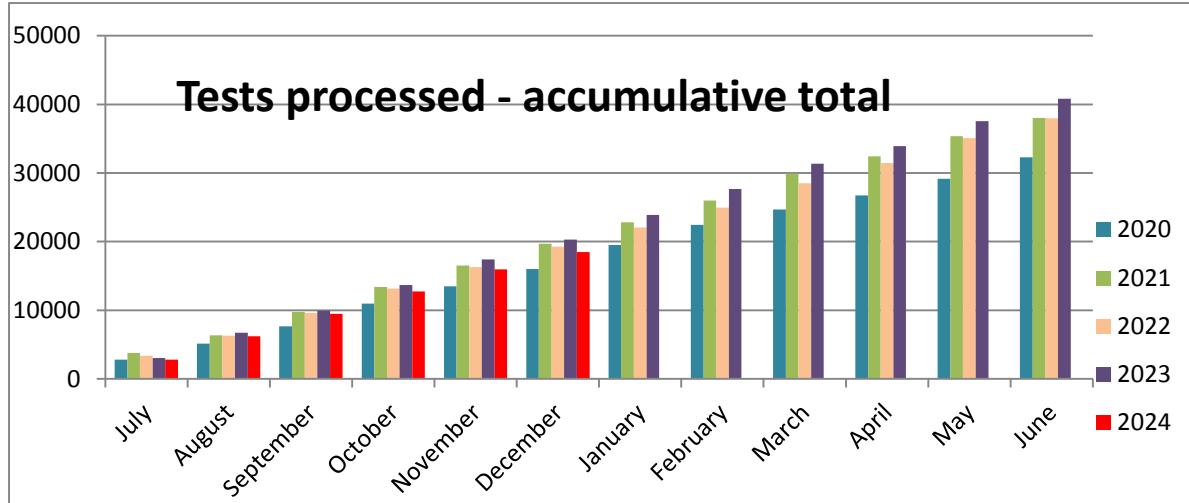
- a. A flooding event means an overflow of stormwater from a territorial authority's stormwater system that enters a habitable floor (Department of Internal Affairs, 2014). It does not therefore apply outside declared stormwater service areas, or to non-habitable structures such as garages and sheds, or to flooding of yards.
- b. While all flooding events will be recorded as per DIA requirements, the target is immunity from storm events with an annual exceedance probability (AEP) of more than 2% (one in 50 year ARI). This is consistent with District Plan rules for minimum floor level.
- c. This target expresses per 1000 properties rather than a total, which would have resulted in a target of 15.7 per 1000 properties. In 2017-18 Annual Plan this was expressed as per 400 properties across the District.

Council will provide a reliable and sustainable flood protection scheme, which is managed to mitigate flooding within the Hikurangi Swamp Scheme area to an acceptable level

Performance Measure	2023 – 24 target	Compliance
The major flood protection and control works that are maintained, repaired and renewed to the key standards defined in the local authority's relevant planning documents (such as its Activity Management Plan, Asset Management Plan, annual works programme or Long Term Plan).	Yes	On target (2022-23 Yes)
The number of infringement or abatement notices issued by Northland Regional Council in relation to the scheme consent.	0	On target (2022-23 0)

5 Laboratory

In November 2023, 803 samples were analysed for 3215 tests; 44% of testing was completed and reported within five days. For December 2023 745 samples were analysed for 2505 tests, with 69% of testing completed and reported within five days.



5.1 Key activities in the last month

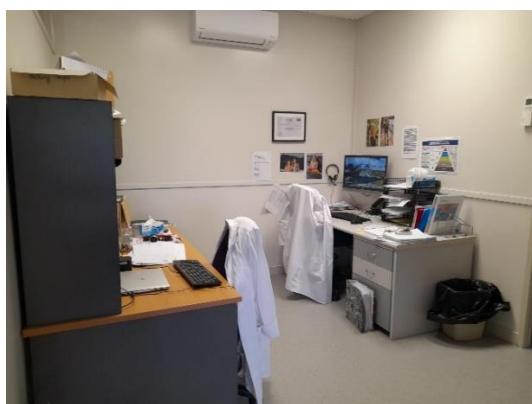
The renovations to remove an identified workflow hazard have been completed.



L: the new instrument area



R: Lunchroom



The 2 new offices created as part of the alterations.

5.2 Significant Risks and Issues

No new risks identified.

6 Water Services

6.1 Health & Safety

During the last 2 months the following health and safety activities occurred

H&S Item	Internal	Contractors
Number of Health and Safety Incidents	2	0
Number of Audits undertaken	6	2
Number of issues raised	0	0

The first incident was a staff member who reported a near miss with a reversing car in the car park and the second involved some fishing line and hook that had been wrapped around a sample tap at Urquart Bay.

6.2 Customer requests and feedback

Over the last 2 months two compliments and one complaint were received. The compliant related to water being shut off to a property without the customer being informed. The contractors have been advised to ensure they door knock before turning water off. The compliments were both customers who were impressed with the quick response of the contractors to fixing leaks.

6.3 Network Performance

Compliance

All the treatment plants and the distribution networks were fully compliant for the month.

Treatment Plant Compliance

Water Treatment Plant	Turbidity Conditions	Chlorine Conditions	UV Conditions	Overall Compliance (Pass/Fail)
Maungakaramea	Pass	Pass	Pass	Pass
Mangapai	Pass	Pass	Pass	Pass
Ruakaka	Pass	Pass	Pass	Pass
Ahuroa	Pass	Pass	Pass	Pass
Whau Valley	Pass	Pass	Pass	Pass
Ruddells	Pass	Pass	Pass	Pass
Poroti	Pass	Pass	Fail	Pass

Note: Poroti plant failed on UV for one day as the flows through the UV exceeded allowance for 8 minutes, when the total daily run time was less than 3 hours. Overall, the plant was still compliant.

Distribution compliance

Network	Chlorine Sampling			Microbiological sampling		
	Quantity of Samples	Sample Interval	Days used	Quantity	Interval	Days
Whangarei	Pass	Pass	Pass	Pass	Pass	Pass
Whangarei Heads	Pass	Pass	Pass	Pass	Fail	Pass
Hikurangi	Pass	Pass	Pass	Pass	Fail	Pass
Bream Bay	Pass	Pass	Pass	Pass	Pass	Pass
Maungakaramea	Pass	Pass	Pass	Pass	Pass	Pass
Mangapai	Pass	Pass	Pass	Pass	Pass	Pass

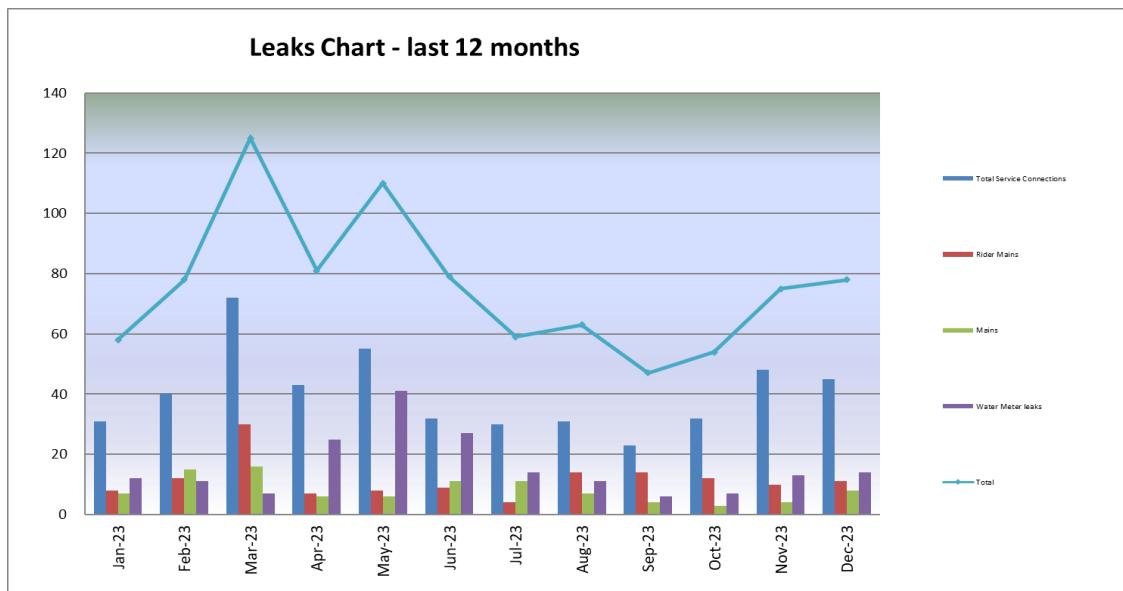
Note: The intervals between samples were too long for samples taken in the Whangarei Heads and Hikurangi zones. This was a laboratory scheduling error and staff are working with the laboratory on how this can be prevented in future.

Rainfall

A return to more normal rainfall patterns in November and December saw the ground finally begin to dry out a bit. The 112mm that fell in December brought the annual total to 2,395mm, 787mm above the average and only 64mm below the record annual total of 2,459 set in 2001. Wilsons Dam remains at 100% full but Whau Valley Dam has now stopped spilling as it is beginning to fall. This is the first time it has dropped below 100% in over a year. The long-range forecast for the next few months remains below normal rainfall with an El Niño weather pattern strengthening and February and March looking particularly dry. Whilst we have plenty of water to survive over summer water is being taken from the Hatea river so that Whau Valley Dam doesn't drop too low.

Water Distribution

Repaired leaks have increased during November and December as the ground begins to dry out. However, as groundwater levels remain high there is little ground movement, so cracking and crushing is not occurring as much as normal for the time of year. The number of leaks per month for the last year is shown in the graph below.



6.4 Key activities in the last month

The subcontractors for this year's main replacements have been appointed and work started on Jordan Street, Hikurangi prior to Christmas. After Christmas water mains in Pah Road, Onerahi and Arcus Street, Morningside are due to be replaced.

The holiday period passed with no major issues in the Water Network or at the treatment plants. Demand at the holiday hotspots was managed well by the on call team and supply problems were experienced.

Minor Works				
Water Treatment Plant Upgrades	Design	Jul-23	Jun-24	
Work to get fibre connection to Ruakaka WTP complete, security improvements at Ahuroa				
Contractor/Consultant: Northpower/Arc				
Reticulation Programmed Works	Construction	Jul-23	Jun-24	
Jordan Street underway. Pah Road and Arcus Street next. Kiripaka Road to be advertised .				
Contractor: Downer – Subcontractors				
Minor Projects - Emergency Works	Design	Jul-23	Jun-24	
Programme being developed and includes urgent main replacements. Mobile emergency generators				
Contractor/Consultant: CAT				

6.5 Significant Risks and Issues

Risk event	Cause & Consequence	Controls and Mitigation
Potential changes to 3 Waters reform legislation	Ongoing uncertainty in sector with increasing costs and funding challenges.	Develop clear strategic plan for Water so costs are well understood and apply for funding when made available.

6.5 Performance Measures and Compliance

We provide safe, high-quality drinking water to all our customers

Performance Measure	2023 – 24 target	Year to date
Whangārei District's four water supply areas have approved Water Safety Plans as determined by a Ministry of Health drinking water Assessor	4	Complies
Compliance with the 2005 New Zealand Drinking Water Standards' requirements for bacterial monitoring.	100%	Complies
Residents' satisfaction with the water quality provided by Council (Recorded through the Residents Survey).	≥90%	On target (2022-23 90%)
The extent to which the local authority's drinking water supply complies with: (a) part 4 of the drinking-water standards (bacteria compliance criteria), and	Fully complies	Complies

(b) part 5 of the drinking-water standards (protozoal compliance criteria).

The total number of complaints received by the local authority about any of the following:	≤ 17	On target (2022-23 13)
(a) drinking water clarity		
(b) drinking water taste		
(c) drinking water odour		
(d) drinking water pressure or flow		
(e) continuity of supply; and		
(f) the LA's response to any of these issues expressed per 1000 connections to the LA's networked reticulation system.		

Where the local authority (LA) attends a callout in response to a fault or unplanned interruption to its networked reticulation system, the following median response times measured:

(a) attendance for urgent callouts: from the time the LA received notification to the time service personnel reach the site	\leq less than 1hr	0.65
(b) resolution of urgent callouts: from the time the LA received notification to the time that service personnel confirm resolution of the fault or interruption	\leq less than 4hrs	1.62
c) attendance for non-urgent callouts: from the time that the LA receives notification to the time that the LA receives notification to the time that service personnel reach the site; and	\leq less than 12hrs	1.23
(d) resolution of non-urgent callouts: from the time that the LA receives notification to the time that service personnel confirm resolution of the fault or interruption.	\leq less than 24 hrs	4.5

The water supplied is continuous and is adequate for customers' use.

Performance Measure	2023 – 24 target	Compliance
Residents satisfaction with the water flow and pressure provided by Council. (Recorded through the Residents Survey).	$\geq 90\%$	2022-23 92% On target

In times of emergency there is adequate water supply available.

Performance Measure	2023 – 24 target	Compliance
Whangārei City Water Supply Area can meet a one in 50-year drought. (based on 2009-10 event data adjusted for growth and losses).	$\geq 79\%$	2022-23 99% On target
Water restrictions imposed due to drought (less than one in 50 years).	0	2022-23 0 On target

We manage the water supply system in a sustainable way that also caters for growth.

Performance Measure	2023 – 24 target	Compliance
Residents in our District annually adopt water conservation techniques in their homes and/or businesses (Recorded through the Residents Survey).	≥65%	2022-23 45% On target
The percentage of real water loss from the local authority's networked reticulation system (including a description of the methodology used to calculate this). WaterNZ Benchloss	≤ Less than 25%	2022-23 23.9% On target
The average consumption of drinking water per day per resident within the territorial authority district.	≤ Less than 500 litres	2022-23 345 On target

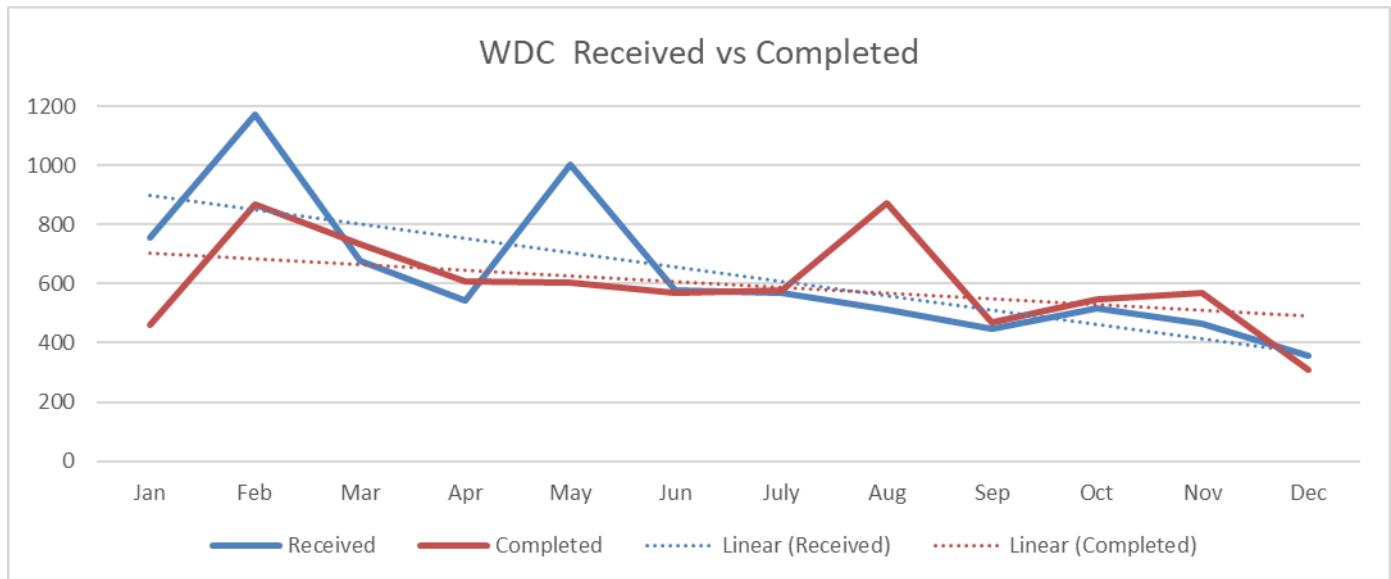
7 Transportation

7.1 Health & Safety

No significant health and safety matters to report.

7.2 Customer requests and feedback

Although the volume of customer requests has declined (355 requests received during December) at the end of December we had 770 open requests - a 9.22% increase from the prior month. The team are focused on working with contractors to help progress requests for our customers and communities.



Top Request Types – November/December	
Request Type	Number of Requests
Road surface damage and maintenance	172/127
General Roading	52/47
Roading structures damage and maintenance requests	41/27
Footpaths and share path maintenance	20/35
Road lighting and other electronic structures	22/26

Compliments Received

CC230851 – Beach Road, Onerahi- Downers

Customer was on Beach Road and had a bad accident this morning. A road sweeper came over to help her and stayed with her until someone got there. She just wanted to say thank you and that she really appreciated his help.

CC230860- Ngunguru Rd – Fulton Hogan

Mr. Jack Johnson thanking F.H for undertaking water table cleaning with digger this last week, he stated it will help reduce surface water flowing down the shared driveway so the all the owners at 564 Ngunguru Rd are appreciative.

CC230866 – Cove Road

Customer phoned Ruakaka Office and praised the crew- who are trimming trees and vegetation along Cove Road. Thank you so much.

CC230869- Waiotai Road – Fulton Hogan

Customer would like to thank us for filling in the potholes on Waiotai Road today

7.3 Key activities in the last month

Corridor Access Requests (CARs)

CARs and Temporary Traffic Management (TTM) Applications

429 new Corridor Access Requests were received for works in the road reserve across Whangārei District in November (259) and December (170).

There were 317 applications approved in November (189) and December (128) for work on Whangārei roads.

Work Completion Notifications, Reinstatement Inspections and Traffic Management Audits

This month there were 882 Corridor Access Request (CAR) completion status updates in November (219) and December (663). 138 excavation sites were set into a two-year warranty period, 98 of those reinstatement inspections were on site by an Inspector.

November 2023 / December 2023

23 temporary traffic management audits were completed by the CAR team in November (20) and December (3). Of the audits, 19 worksites scored ‘High’ or ‘Acceptable’ and four audits scored ‘Unacceptable’.

TTM Review Panels were held on 7 and 21 November; and 20 December to review unacceptable, unsafe or non-compliant traffic management sites. Multiple Ventia NZ Ltd sites have been under investigation for the past few months with a concerning downward trend in site compliance and safety. Requests for close out of individual sites had no response within set timeframes and due to the concerning number of unsafe sites an Improvement Notice (IN) has been issued to Ventia for Kaipara and Whangārei road networks.

A review of audits from the past six months was undertaken and included in the IN. A Corrective Action Plan (CAP) was submitted to the Panel to address root causes. NTA have added Council requirements where further improvement opportunities will support safe worksites across the districts. We are working with Ventia and NTA’s Road Corridor Management Lead will address all Ventia staff and their subcontractors at a branch safety meeting on 17 January 2024.

A Downer sealed patch operation on Paparoa Oakleigh Road was shutdown by the Auditor while the site was made safe. The initial Corrective Action Plan (CAP) did not address the root causes that led to the Stop Work and a new incident report has been requested. Investigations are ongoing with a decision to be made on actions once an updated CAP has been received that addresses the root causes of the systemic failings.

Other TTM Updates:

A Brynderwys Temporary Traffic Management (TTM) planning meeting was held 30 November to review traffic management plans (TMP) and TTM requirements. We are working closely with Fulton Hogan and NZTA to ensure we are across the traffic management needs of the project, which will impact Whangārei roads during the closure. Enabling works on the local roads have been significant, with a number of issues identified with TMPs, as well as TTM on Paparoa Oakleigh Road. The pressure on crews to get work done quickly is a high-risk environment that is leading to a breakdown in the CAR process with contractors. We are addressing issues with contractors as they arise.

A Corridor Access newsletter was distributed to contractors, TTM providers and utility operators in Whangārei and wider Northland. Key points included a reminder to contractors of the Northland local road works moratorium to remove all orange from the network; and reinforcing Northland Councils' adoption of the risk-based approach to temporary traffic being led by NZTA and the TTM Industry Steering Group (ISG).

The ISG met on 28 November to discuss the national transition to a risk-based approach to TTM. Rachel Taylor, NTA Road Corridor Management Lead has joined one of the six workstream focus groups - the Good Practice workstream. This group is working on the definition of Good Practice and ISG endorsement of Practice Notes based off the IPENZ model. As representative for the North Island RCAs a subsequent update on workstream progress was relayed – RCA engagement and Council collaboration across the country has been one of the good news stories of the transition.

The Road Worker Safety Governance Group (RWSGG) met with the ISG on 16 December in Auckland. RWSGG are representatives from WorkSafe, NZTA, suppliers, client and industry groups including Civil Contractors New Zealand (CCNZ) and the Association of Consultants and Engineers (ACE NZ). Rachel Taylor presented to the Group on behalf of Councils nationally. The presentation focused on 5 questions put to Councils nationally on the transition to a risk-based approach to TTM and what support Councils would like from the Governance Group. Misconceptions that the risk-based approach means cost-saving was a key issue identified by RCAs; bringing Procurement teams into the conversation will be a key focus for the Groups in 2024.

7.3 Key Activities

Road Maintenance & Renewals

Focus on works completion quality with 286 individual work items audited across November and December:

- 18% of ordered works items being audited for compliance (116 jobs audited), and
- 3.3% of the routine works items being audited for compliance (170 jobs audited)

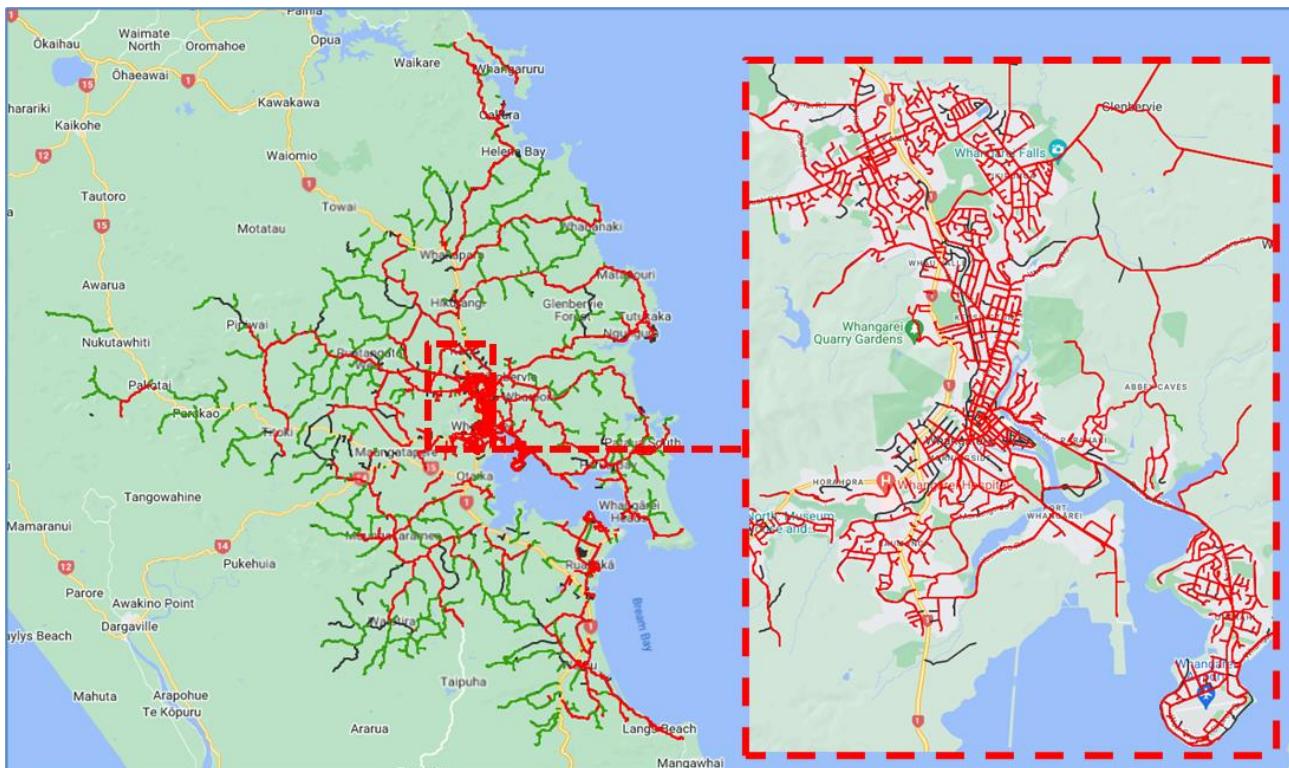
Efforts prioritised on SH detour enabling works, the pre-seal repair Forward Works Program (FWP), and pavement rehabs across both the sealed and unsealed networks.

The SH detour enabling works, a critical piece of work ahead of the pending Brynderwyn closure, progressed well alongside pre-seal repair FWP and pavement rehabs. The successful headway made on these programs through the use of a range of local subcontractors has allowed for a largely unimpacted programme of Business as Usual (BAU) activities in and around the CBD, gearing up for the anticipated seasonal influx of visitors.

Notable construction achievements included the progress made on the Knight Rd, Mountain View Rd and Springfield Road Rehabs, drainage work on Aponga Stream, Milne Rd, and throughout Ngunguru, and also reinstatement works on Kirikopuni Rd underslip. Watertabling (WT) crews made significant progress with a 2.5km of WT restoration, 115m of WT reconstruction, and several culvert replacements. Despite the challenges, the last two month's accomplishments showcased their dedication to maintaining and improving the road network.

The completion of the urban spray round and the continuation of the annual re-mark underscored the team's ongoing commitment to managing BAU activities despite the influx of works brought on by the silly season.

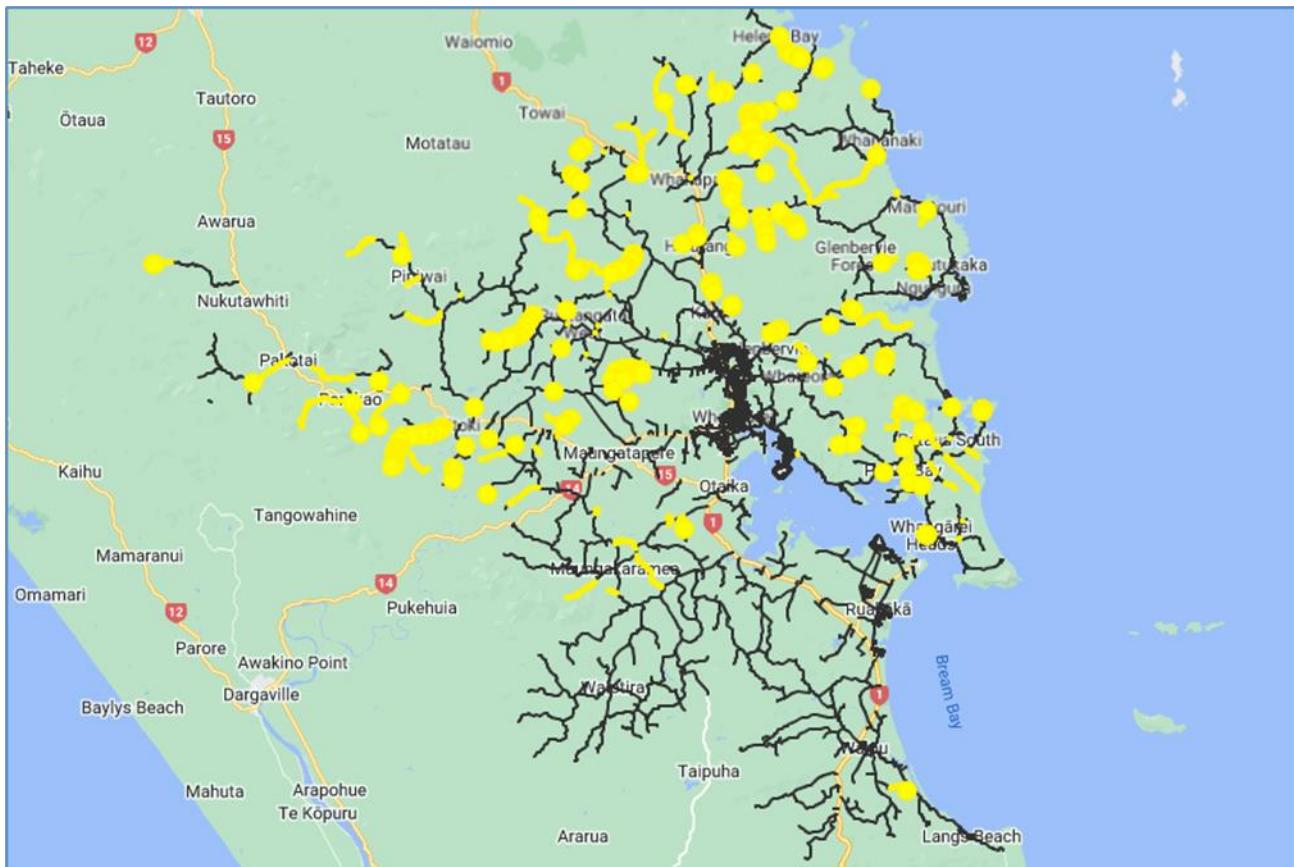
November and December 2023 Inspection completion



Red = Sealed inspections, Green sections = Unsealed inspections|

Black = remaining roads (not inspected last month)

November and December 2023 Grading



Yellow = roads that were graded and gaps filled

Black = all WDC unsealed roads (provided as reference)

Emergency Works Recovery Programme

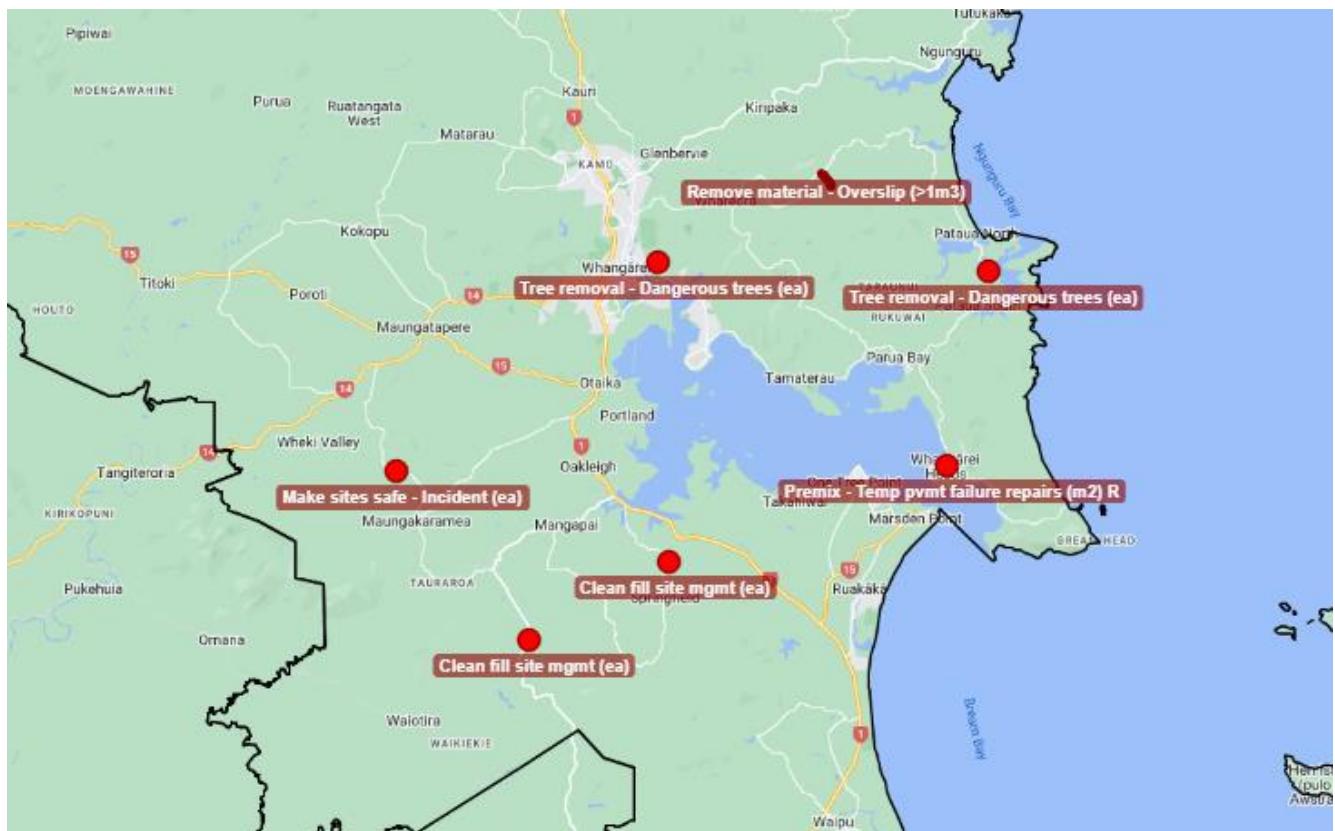
WDC – Phase / Cost in M \$	Expected Cost obo RAMM	FAR+ (%)	Claimed to Date
Storm Event - Jan 23 Cyclone Hale	0.19	93	0.17
Storm Event - Jan 23 Cyclone Hale FAR+20%	0.04	53	0.04
Storm Event - July 2022	0.52	53	0.44
Storm Event - Nov 2022	1.83	53	0.88
Post-Gabrielle:			
Storm Events Jan/Feb - Phase 1 & 2	7.58	var	6.33
Storm Events Jan/Feb - Phase 3	5.53	53	0.02
Storm Event - Cyclone Gabrielle - Phase 2 - EWA	0.14		0.09
Storm Event 9/05/2023 - Phase 1 & 2	0.72	53	0.51
Total	16.55		8.49

Table: Summary of Current Cost Estimates of Emergency Events for WDC

Phase 2: Delivery

Minor works, less than \$100,000 (generally), per site, low risk, reinstatement of roads to pre-event condition (may require geo-tech assessment to support outcomes). NZTA funding approval through report applications.

Works completed in November/December



Phase 3 Delivery

Phase 3 are Major works (generally greater than \$100,000) per site, higher risk, require geo-tech assessment and detailed design. We expect it will take two to three financial years to complete this work.

NZTA procurement specialists approved an exception to award Geotech Investigation and Design work packages to a panel of six pre-qualified specialist consultants for priority sites (Stage 1) across the Region. The subsequent Chief Executive approvals enabled work packages for Kaipara, Far North and Whangarei to be distributed to consultants prior to the Christmas break.



Dropout Repairs – Cove Road (Langs)



Detour Enabling Works – Mangapai Road



AC Temp Repair Works – Kamo Road Level Crossing

Streetlighting

The Streetlight Central Management System (CMS) project has been awarded to Schreder Australia Pty Ltd. 2,000 Light Point Controllers (LPC) have been delivered to Schreder's subcontractor, Currie Electrical. Site works have commenced and 469 LPC have already been installed.

A total of 56 streetlight outages were attended to and rectified in November and December 2023 out of the 119 identified as part of the night inspections. The remaining are being attended to and planned to be completed by January 2024.

An annual day inspection for WDC streetlights is being planned by the contractor. This will include pedestrian crossing, arterial, collector and minor roads as well as amenity lighting in the district. This is part of the annual asset condition assessment.

Other streetlighting activities, such as, joint site inspections for sub-divisions within Whangarei district for streetlight handover, lighting design reviews for new subdivisions, and other lighting assessments related to early planning, are on-going.

Traffic Signals

Rust Ave Rail Bridge Over Height Warning Signal – The new detection system components have been received and tested by the contractor. The delivery of the signal controller from Australia has been delayed and is expected in New Zealand by January 2024. Installation will commence thereafter.

Walton Cameron Intersection – Accident-damaged traffic signal pole opposite the Police station has been replaced by the contractor as per photos below.



Figure 1 Damaged TS pole



Figure 2 Replaced TS pole

Works related to maintenance of traffic signal assets in the CBD that include painting of the traffic signal poles and removal of graffiti from cabinets are being planned to commence after the Christmas break.



Improvements to the signalised pedestrian crossings to educate users are being planned. Over the years the number of signalised pedestrian crossings in Whangarei have increased. The use of crossing guidance installed on traffic signal poles as per figure below will be implemented. These signages have been ordered by our contractor and will be implemented next year.

Mechanical Bridges

Work is in progress to resolve the confined space and working over water challenges and associated risks pertaining to the work in W1 sump. The final design for the engineering controls that include fixed access ladder to W1, lifting davit arms to rig equipment, additional mooring points for a work vessel, new hatch, and cover over the pit are being finalised by Grit Engineering.

The bespoke LED lighting for the Kotuitui Whitinga bridge (KTTW) handrail that had failed required some retrofitting and modifications. The replacement handrail lighting has been delivered to our contractor. The old lights have been stripped out and electrical ducting works are in progress for new lights.

Routine annual cleaning for both the bridges is now completed. Corrosion mitigation works on KTTW bridge handrails and steelworks are being planned for January 2024.

The CCTV and PA upgrade for Te Matau A Pohe (TMaP) had been pending for a while. WSP have provided a draft technical specification for the CCTV and PA upgrade Request for Tender and this is being worked on by the team for tendering next year.

TMaP and KTTW bridge operations have been continuing, with an average monthly opening of 138 for TMaP and 31 for KTTW year to date. In the month of December 2023, the TMaP bridge operated 187 times whilst the KTTW bridge 36 times.

Active Transport

Business Cases

Consultation is complete for the City-Wide Active Transport and Tikipunga Corridor Active Transport business cases. Staff provided a summary at the June Council Briefing. A draft business case has been submitted to NZTA for feedback. Consultants ViaStrada have developed the draft economic case for the City-Wide business case and submitted to NZTA, we are now awaiting feedback. These business cases will inform the Draft 2024-34 LTP/RLTP.

Bike Skills Training

Bike Northland Contract 19008 – delivering bike skills in school and supporting the bikes in school's program. Bike Northland also offer adult cycle skills which are covered in the Grade 1.5/2 category:

2023/24 Whangarei District Council		
Course	Contracted	YTD
Grade 1 (beginners)	1240	762
Grade 1.5/2/Adults	500	371

Speed Management

Whangarei Heads Catchment – Phase 1 of the new speed limits have been activated between Onerahi and Parua Bay. Implementation of the remainder of the catchment will occur between January and March 2024.

2024-27 Regional Speed Management Plan – Council have endorsed the draft objectives and three-year implementation plan for consultation which includes the Tutukaka Coast Catchment, Whangarei City and schools, however it has been placed on hold subsequent to the Government announcement on speed limits. Staff will present a paper to Council in February 2024 to receive direction on the 2024-2027 speed management programme.

Road Safety Promotion activities – Northland Road Safety Trust

Year to date fatal injuries 2019 – 2023 in Northland:

Year	2019		2020		2021		2022		2023	
Road Type	SH	LR								
Number of fatalities	5	4	7	7	8	3	8	11	8	8

SH – State Highway, LR – Local Road

Northland Road Safety Trust (Contract 21034) is contracted to deliver the road safety promotions activity and below is a summary of the Road Safety Promotion activities during the month.

Stop Alcohol Impaired Driving (SAID):				Driver Licensing Programmes:					
Allocated number November 23: 12									
Attended: 9									
Completed: 8									
Year To Date 23-24: 33									
Drive SMARTA:									
Start Date: 9/11/23	11 Allocated	6 Completed	26 YTD 23-24						
Fatigue Stops at Uretiti:									
Dates:	Comple- ted:	Vehicle Stopped:	Interactions:						
16/12/2022	Yes	100	230						
06/04/2023	No	Severe rain warning	N/A						
20/10/2023	Yes	50	110						
Drive SOBA (recidivist drink driving):				Child Restraints (Plunket):					
Complete: 15/05/2023-14/08/2023	5 Completed.			Where / When:	What:			Results:	
Complete: 06/07/2023-21/09/2023	9 Completed. 14 YTD 23-24			2, 9, 13, 16, 23, 30 Nov '23 @ 33 King Street, Whangarei .	Car seat checks, installations and advice by qualified technician.			13 families, 4 full installations , 3 technical faults being corrected, 9 general advice.	
Current: 04/09/2023-04/12/2023	6 Current.			November '23 events:	1st Nov– He Matariki Teen School + 15th Nov-Kaiawhina Team			Teachers + Parents + Nurses attended for CS advice.	
Drug Impaired Driving Programme:				November '23 referrals:	Donated seats on Plunket referrals.			2 convertible seats.	
Start Date: 01/12/23	6 Allocated	N/A	14 YTD 23-24						



Whangarei November 2023 RYDA snapshot:



Whangarei November 2023 at a glance:

1 student workshops held 17 November, 1 parent/caregiver RoadGuide workshop held



Our student workshop was delivered to Whangarei Girls High School and delivered by seven facilitators including Police Officer Ian Anderson.

We provided our first parent/caregiver workshop, RoadGuide. We are very excited about the number of participants and their positive feedback. This workshop was sponsored by Toyota and supported by our local BlueLight, Brain Injury Trust and Police friends.

Below are some notable comments by Whangarei Girls High School teachers attending:

"Lots of great tips given to the students."

"Really interesting and engaging."

"Really impressed - have heard lots about it and this was my first time attending."

"Resources and videos and booklets are just amazing! Timetable was great! Very logical - and also mixed up the sessions in a really good order."

Student – Post workshop surveys

After every programme we ask students to complete an anonymous online survey. We utilise the learning outcomes to help us evaluate and develop our programme and sessions, and to enable us to make the most impact on the youth we contact.

100% of the Whangarei Girls High School student respondents stated that they would definitely apply the things they learn at the workshop when they are driving or being a passenger.



Looking forward to 2024 we already have Dargaville high school, Kamo College, Pompallier College, Tauraroa area school, Tikipunga High school, Otamatea High school confirmed.

Student Feedback from November Whangarei Girls High:

Most Impactful Session	Reason for Choice
Crash Investigators	I enjoyed the guest speaker and the fact that we have to problem solve to find out ways to prevent an accident
Crash Investigators	It was interesting seeing the experience of someone whose life has been radically changed from a single moment
Crash Investigators	It made me more aware of the consequences of driving a car with a low amount of safety stars
Drive SOS	It helped me to become more aware of my surroundings
Mind Matters	It allowed me to mix with people I haven't worked with before. I liked it because it showed the effect of mood can effect your driving. This course really opened my eyes and gave me different skills to help me when I do start driving
Mind Matters	This was my favorite session because we could act out and see how emotions can effect you whilst driving
Mind Matters	I felt most tuned in and focused. I also learned a lot from this session and felt that I could relate to this course. When concluding the course I felt that I had a positive outcome and take the information into my life moving forward
Road Choices	It makes you realise how easy it is for crashes to happen, it changes your perspective on driving and not to be stupid on the road
Speed & Stopping	I got to learn that you can drive 17m in a second if you are driving 60kmph and if a pedestrian steps onto the road you have 1 second to react. I know know you need 1.5mm of tire tread to be safe. And it was good seeing this and not just listening
Speed & Stopping	It was really cool to see the car stopping at different speeds for real instead of just theory. It really put everything into perspective
Speed & Stopping	Learning about how the car worked to keep you safe / how safety rating differs, as well as getting a better grasp how stopping times depend the speed with more in depth explanations. Very helpful!
Speed & Stopping	I really enjoyed the practical element and it really helped me remember the lessons about speed and stopping
Speed & Stopping	It was interesting to see how different speeds can make for larger stopping distances
Speed & Stopping	I learnt that your stop time quadruples when your speed doubles
Speed & Stopping	It was fun to learn about the different factors that determine how fast you can stop your vehicle. It was also cool to estimate the stopping distance and see how close our guesses were
The I in Drive	I liked the quiz, I loved being able to get to know myself better and coming up with our own prompts to help us work better on ourselves

Emergency Services Day Nov '23 Snapshot:

Ngatiwai Education Ltd Driver Licensing Nov '23 Snapshot:

EMERGENCY SERVICES FAMILY FUN DAY

Bluelight Driver Licensing November 2023 Snapshot:

More FM Road Safety Weather Tags November 2023:

Time Zone	AeroD Spots
Weekend Weather (00:00 - 23:59)	104
Weekday Weather (09:30 - 18:00)	146
Weekday Breakfast Weather (06:00 - 09:45)	134



Te Ripoata Haumaru Rori a Rohe o Whangarei Hakihea 2023

Stop Alcohol Impaired Driving (SAID):				Driver Licensing Programmes:				
Allocated number December 23: 12				People Potential (Whangarei):	Passed	Active (getting mentored)	YTD (23-24)	# of mentors
Attended: 10					Learners: 5 out of 7	N/A	50	N/A
Completed: 9				Blue Light: (Police)	Restricted/Full: 3R + 2F	15	20	3
Year To Date 23-24: 42					Learners: 3		15	
Drive SMARTA:				Howard League:	Restricted/Full: 8 out of 9	60	85	3
Start Date: 14/12/23	10 Allocated	4 Completed	30 YTD 23-24		Special license endorsements:	17 Advanced Licenses	72	2
Fatigue Stops at Uretiti:				Ngatiwai Trust:	Learners: DNR	N/A	45	N/A
Dates:	Completed:	Vehicle Stopped:	Interactions:		Restricted/Full: DNR	25	61	2
06/04/2023	No	Severe rain warning	N/A	Kamo High School:	Learners/ Restricted:	Planning underway for term 1.	17 gateway students	2
20/10/2023	Yes	50	110		NZQA Licensing Programme	Planning underway for term 1.	N/A	3
15/12/2023	Yes	100	140	Child Restraints (Plunket):				
Drive SOBA (recidivist drink driving):				Child Restraints (Plunket):				
Complete: 15/05/2023-14/08/2023		5 Completed.		Where / When:		What:		Results:
Complete: 06/07/2023-21/09/2023		9 Completed.		7, 14, 21 Dec '23 @ 33 King Street, Whangarei		Car seat checks, installations and advice by qualified technician.		15 families, 8 full installations , 6 technical faults being corrected, 6 general advice.
Current: 04/09/2023-04/12/2023		6 Current. Awaiting final report.		December '23 events:		7th December at Portland Road Kindergarten car seat checks.		8 families.
Drug Impaired Driving Programme:				December '23 referrals:		Donated seats on Plunket referrals.		4 convertible seats. 1 full booster.
Start Date: 01/12/23	6 Allocated	3 Completed	7 YTD 23-24					

Maungaturoto School Patrollers December Awards:



"Thank you to the Northland Road Safety Trust for providing the Medallions for our school patrollers in Whangarei and Kaipara" S/Constable Ewen Cuning—School Community Officer.



Driving Simulator News December 2023:

Virtual reality driver training hits the road in Northland

Northland Road Safety Trust has built two mobile virtual reality training simulators to help young, at-risk Northlanders get drivers licences.

And the advocacy group has recruited local organisations—People Potential, Blue Light and Active Drivers—training guides to help students learn the basics of healthy living while making sure driving techniques aren't just being taught once you're behind the wheel.

MUST Road Safety Education programme manager Avikai Jackson says keeping people safe on Northland roads is a priority.

"The more prepared people are, the safer they can be on our roads. These programs will help educate and protect our young people and their families, and give them a better future by taking steps to Northland roads to safety."

The simulators will assist more than 1000 students across the road with driving mentors. It's a great way to teach the importance of the rules of the road, and how people build their confidence in the safety of their driving skills, while having no worry about anything but virtual cars on the road, and the need to be safe as they drive," says Mr Jackson.

More FM's community engagement manager Andrew Rose says MUST has been helping young Northland students learn to drive since 2016, and these give them motivation and full support to succeed in their employment, trades training and tertiary study.

"This innovative technology is an amazing way for young people to gain confidence before they actually get on the road. It is such a valuable tool for young people to help them build their confidence in the safety of their driving skills, while having no worry about anything but virtual cars on the road, and the need to be safe as they drive," says Mr Jackson.

People Potential founder Andrew Rose says the programme has been a success, and he is looking forward to seeing more differences in drivers' licences come through.

"We break down social and physical barriers to accessing resources and opportunities for educational at-risk. All our students get the opportunity to learn and grow, and because of the generosity of today and those who have supported us, we are stronger to have two state-of-the-art VR simulators available right here in Northland."

People Potential is a long-term relationship working with the Northland Road Safety Trust to get these drivers' licences and stops the cycle of road deaths that can happen without safety or the cost of a road car."



Northland left, Dr Andrew Rose (far left), Andrew Rose (Managing Director People Potential), Avikai Jackson (Northland Road Safety Education Programme Manager), students Edward James and Sam Thirkettle, Murray Neighbour (Community Driving Mentor).



December Fatigue Stop Snapshot:



7.4 Contractor Performance

Road Maintenance & Renewals Contracts

Our Maintenance Contractors continue to perform well against the KPIs in the contract. Work is underway to review the current contract and it is expected that some changes to these KPIs will be required.

Monthly Contractor Performance

Contract	Supplier	Performance	Comment
Road Maintenance (North)	Fulton Hogan	Exceeds Expectations	Current contract expires 31 July 2024. Strong relationship and open communication working well towards common goals especially in the unsealed rehabilitation space. Final monthly network compliance score of 8.
Road Maintenance (South)	Downer	Exceeds Expectations	Contract expires 31 July 2024. Ongoing rebuilding of relationship and open communication. Newly appointed regional manager is further strengthening relationship especially at governance level. Final monthly network compliance score of 10
Parking Meter Maintenance	Mobicom	Good	New owners of the company are coming up to speed with the requirements of the contract.
LHBr Hydraulics	LC Hydraulics	Satisfactory	Contractor finalised hydraulic oil replacement and working corrosion mitigation plans.
LHBr Electrics	McKay Electrical	Satisfactory	Contractor working on faulty bridge lights and electrical maintenance.
LHBr Operations	Northern District Security	Good	Bridge operations is being managed well and as expected.
Streetlight Maintenance	Currie (CSLi)	Satisfactory	Significant works related to renewals and maintenance completed. Capital works activities in progress.
Traffic Signal Maintenance	CSLi	Good	Contractor working on maintenance plan for summer.

7.5 Significant Risks & Issues

Risk event	Cause & Consequence	Controls and Mitigation
Cost increases result in reduction of maintenance and operation activities	<p>Funding for M&O was reduced by Waka Kotahi at the start of the LTP</p> <p>Cost escalations of circa 12% have further exacerbated these issues</p>	<p>Reprioritise works</p> <p>Consider alternative investment paths – e.g., improved treatment of unsealed roads rather than unsubsidised seal extensions</p>
Impact of storm damage response on current programme and Business as usual works	Up to \$15M additional repairs works on top of BAU maintenance programme and Capital delivery programme.	Reprioritise works to ensure deliverable programme. Defer works to following year

7.6 Performance Measures and Compliance

Our District's roading network will be maintained in a satisfactory condition and in accordance with national safety and engineering standards

Performance Measure	2023 – 24 target	Compliance
The change from the previous financial year in the number of fatalities and serious injury crashes on local road network, expressed as a number. (*does not include roads administered by Waka Kotahi/NZTA)	≤0	N/A Measured annually
The average quality of a ride on a sealed local road network, measured by smooth travel exposure.	≥85%	N/A Measured annually
The percentage of the sealed local road network that is resurfaced.	≥8%	N/A Measured annually
The maintenance of the roads meet the Council level of service targets as specified in our road maintenance contracts.	≥85%	N/A Measured annually
The percentage of the sealed local road network that is rehabilitated.	≥0.5%	N/A Measured annually
The percentage of customer service requests relating to roads and footpaths to which the territorial authority responds within the time frame specified in the LTP.	≥95%	68.5%

We will support alternative transport methods.

Performance Measure	2023 – 24 target	Compliance
The percentage of footpaths within a territorial authority district that fall within the level of service or service standard for the condition of footpaths that is set out in the territorial authority's relevant document (such as its Annual Plan, Activity Management Plan, Asset Management Plan, annual works programme or LTP).	≥ 90% in fair or better condition	N/A Measured annually

8 Solid Waste

8.1 Health & Safety

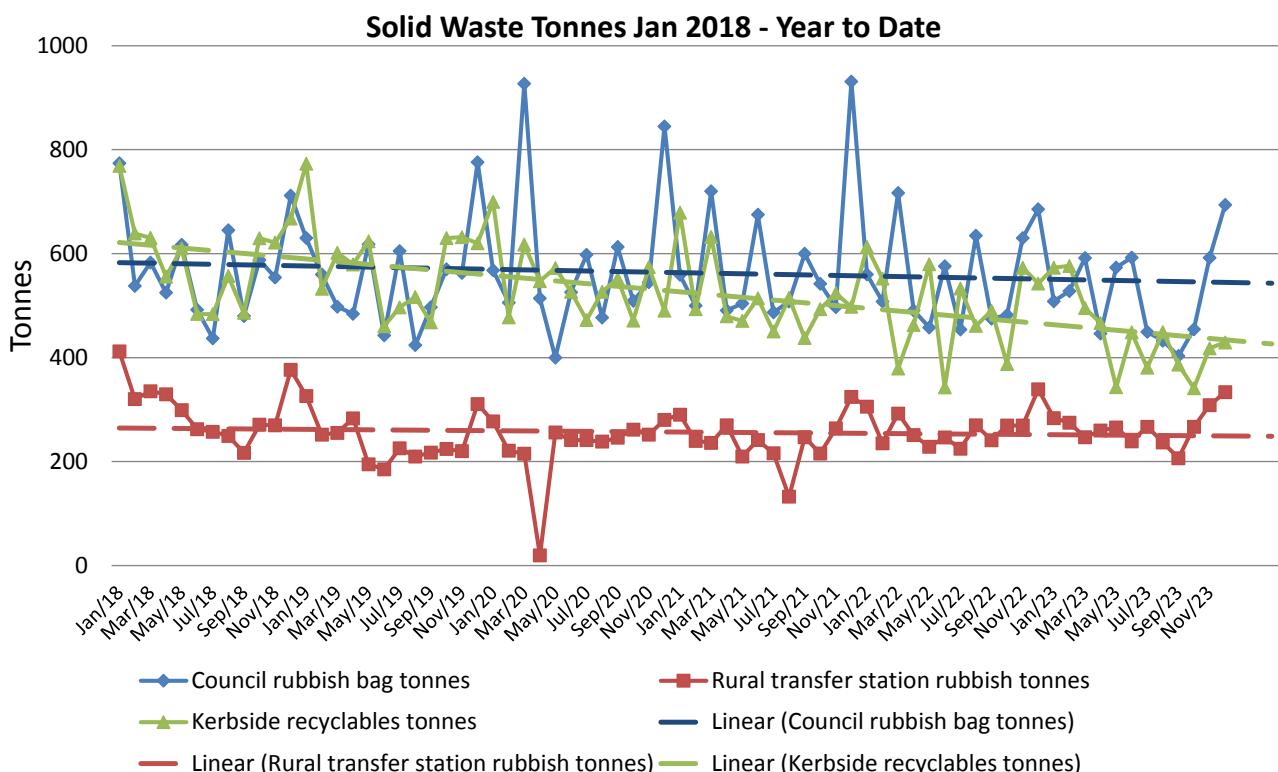
In November and December there were four relatively minor lost time injuries and three minor injuries. The reporting and response to these incidents was good and one of the root causes is believed to be the number of new members of the collection crews starting work in the run up to the summer peak period.

8.2 Customer feedback

No significant customer feedback to report.

8.3 Network Performance

Kerbside collections and rural transfer stations operated as normal in November and December. Kerbside and transfer station rubbish tonnages increased due to the usual summertime peak as bach owners prepare for the summer and people clean up at the end of the year. Additional collection crew staff have been recruited for the summer peak and the extra collections on Friday and Saturday in January.



8.4 Contractor Performance

Contract	Supplier	Performance	Comment
CON17046 – Kerbside Rubbish and Recycling Collection and Operation of Rural Rubbish and Recycling Stations	Northland Waste	Good	Service is operating well
CON19021 – Litter Control and CBD Custodial Duties	Green By Nature	Average	Staff resignations means that the remaining staff are stretched
CON21049 – Public Toilet Cleaning	PPCS	Average	Change in staff mean that they are in a period of learning, and some

			cleaning has not met the expected level.
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8.5 Key activities in the last month

Promoting the Christmas and New Year rubbish collection schedules through all media channels. The Waste Minimisation Officer hosted a series of information stalls and events in the community, with a focus on Love Food Hate Waste, Zero Waste Christmas, and zero waste living tips. The Waste Minimisation Officer worked with Bylaws colleagues to update information about rubbish and recycling on freedom camping brochures, to be given out by freedom camping ambassadors.

Formation and first meeting of the Waste Minimisation Fund advisory group for assessing applications made to the fund. Group members include Waste Minimisation Officer, Solid Waste Engineer, Sustainability Advisor, Community Funding Coordinator, Maori Engagement Advisor and Maori Technical Advisor.

7.5 Performance Measures and Compliance

Council will provide kerbside waste and recycling collection services and transfer stations will be operated throughout our District.

Performance Measure	2023 – 24 target	Compliance
Residents' satisfaction with solid waste collection and recycling services and transfer stations (Recorded through the Residents Survey).	≥85%	2022-23 87%

Council will foster waste minimisation by supporting recycling and waste reduction practices.

Performance Measure	2023 – 24 target	Compliance
To reduce waste disposed of to landfill to below 500 kg per person.	<500	N/A - annual measure
To recycle at least 35% of waste collected at the roadside from households.	≥35%	30% year to date
Council will recycle, compost or reuse at least 50% of materials at transfer stations.	≥50%	43% year to date

Council will provide and empty public litter bins and undertake litter control throughout public places in our District.

Performance Measure	2023 – 24 target	Compliance
Residents' satisfaction with litter control. (Recorded through the Residents Survey).	≥75%	2022-23 64%

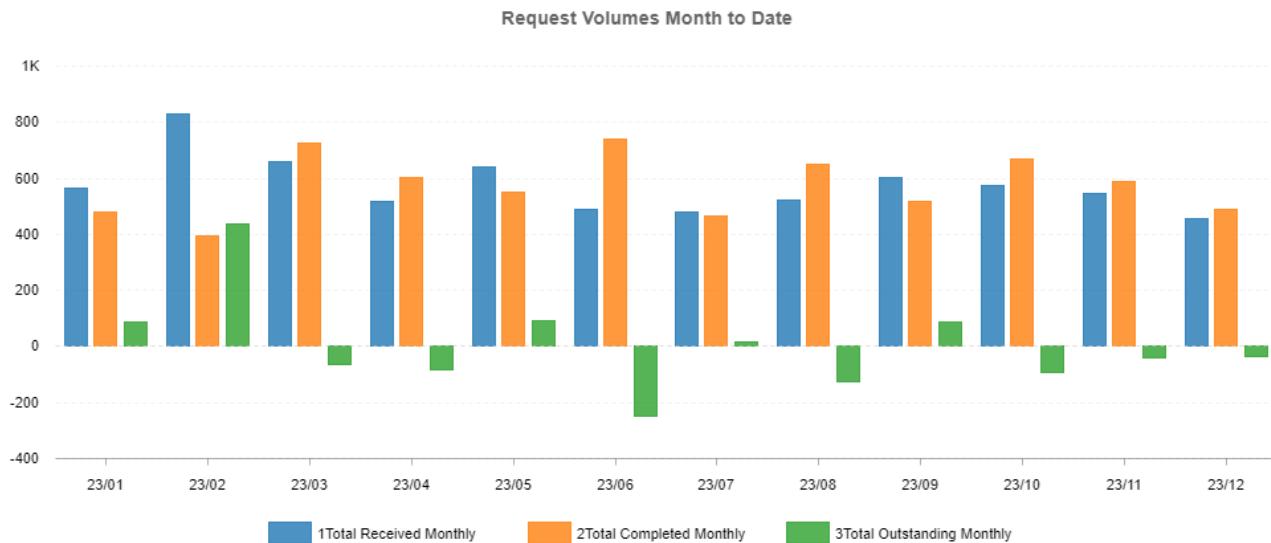
9 Parks & Recreation

9.1 Health & Safety

No significant health and safety matters to report.

9.2 Customer requests and feedback

Total outstanding number of requests has been steadily reducing for the final three months of the year.



9.3 Network Performance

A portion of Cafler Park has been closed to allow for the construction of the new Lovers Lane Bridge. Drummond Track remains closed until weather allows for repairs. Quarry Gardens link track to Frank Holman track is closed.

9.4 Contractor Performance

Contract	Supplier	Performance	Comment
Public tree maintenance	Treescape	Good	New contract started 1 June 2023. Nov/ Dec saw a good number of requests closed and proactive work still being completed
Tracks and Walkways	Northland Park Care	Excellent	Contract rolled over for a year. Working through cyclone Gabrielle work.
Coastal Structures	Hoskin Civil	Good	Tender awarded to Hoskin Civil to undertake coastal structure assessments
Playground and skatepark maintenance	Northland Park Care	Good	Contractor is maintaining playgrounds to a high level
Parks & Gardens	City Care Ltd	Good	Coming into Spring flush, so pressure will be coming on contractor in the next few months
Sportsground maintenance	Recreational Services	Good	The team is performing well as we head into the winter season and pressure to ensure the sports park are ready for the busy season.
Pest Plant	Recreational Services	Excellent	Good knowledgeable team that efficiently carry out good quality work
Graffiti	Recreational Services	Good	Proactively dealing with Graffiti where possible

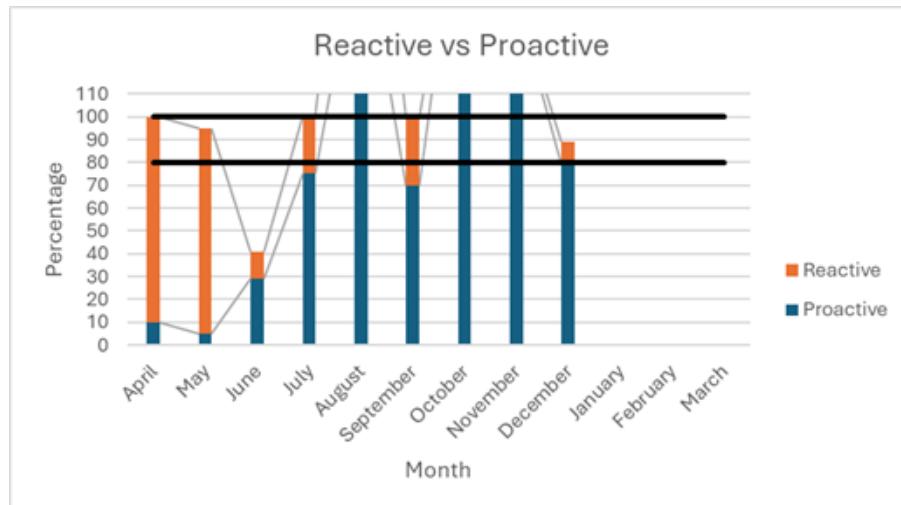
8.5 Key activities in the last month

Public Tree Maintenance

A key performance target of the contract is to undertake 80% proactive planned maintenance and 20% reactive and responding to customer Requests.

November and December saw Treescape chipping away at the open requests and completing proactive work. The more settled weather has seen the reserves start to dry out allowing Treescape to get trucks and chippers onto them without damaging the turf, allowing fallen trees to be removed.

Treescape have been updating information within the request system and contacting customers around expected timeframes for the minor works.



Walking Tracks

November and December saw the continuation of the aggregate replacement program on our walking tracks after the high loss levels from cyclone Gabrielle. This program is on track for completion in June.

In December, a full visit of the Drummond track was completed, to see what is required to reinstate this track. It was discovered that another two slips have occurred affecting the track after the initial slip that occurred in November of 2022. LDE have inspected the slip area and recommended alternative routes are looked at as the land is unstable to rebuild the track on. In the new year we will engage Frame group who specialise in track location and engineering structures for tracks to have a look at alternative routes and what structures may be required. There was a small budget set aside to repair this track after the first slip, but with the other two slips occurring this may not be sufficient. Even though the track is closed there is still many customers walking this track.

The other closed track is the Quarry Gardens link track to Frank Holman track.

Coastal Structures

Structures are currently being surveyed by Hoskin civil.

Replacement pontoon and gangway for Parua Bay has been constructed.

Safety improvements to Wharf Rd wharf have been designed. Proposal is a fibre reinforced plastic (FRP) overlaid over the existing concrete. Supply and install contract currently out for pricing.

Draft Coastal Erosion Policy prepared for Council Briefing, 22 November 23. Aim for approval early 2024.

Sports Parks

Cricket:

Cobham Oval hosted two Northern Districts Games with more first-class games scheduled for the New Year. As per the contractual agreement with Green by Nature and ensuring the venue is meeting the NZ Cricket obligations, Green by Nature are onsite in the lead-up to these games to ensure the pitch is compliant and are onsite on match days to assist as turf experts and to run out the field covers.

Sports Parks:

Annual renovations of our sand sports fields started in October with scarification, top dressing and fertilising with the work continuing into the new year. In mid-December the fields were ready for sowing in preparation for the winter season.

Due to the requests of the user groups to have club musters in late January and pre-season and club trainings to begin in February, the fields that have been sown are going to struggle to germinate with the warm temperatures not suitable for winter grass coverage. This continues to be a risk as to allow premium grass coverage the fields should not be used until March when the temperature has lowered.

Renewal work:

As part of the renewal programme Sports Surface Design Management (SSDM) was contracted to complete an investigation on William Fraser Fields Rugby 1-3, William Fraser Fields Football 1-2 and Kamo Football 1 and design a programme of work from the findings. The works began in December and will continue into the new year.

Sports park lighting was tested at William Fraser park with the lux level readings of the number one sports fields not reaching sports training standards and very low readings on the remainder of the fields (from the initial installation and commissioning). McKay Electrical are designing the lighting upgrade.



William Fraser Park – Rugby Field 2

Capital funding:

SSDM have been contracted to complete the design phase for the Portland fields with planned physical works of a field upgrade in 24/25.

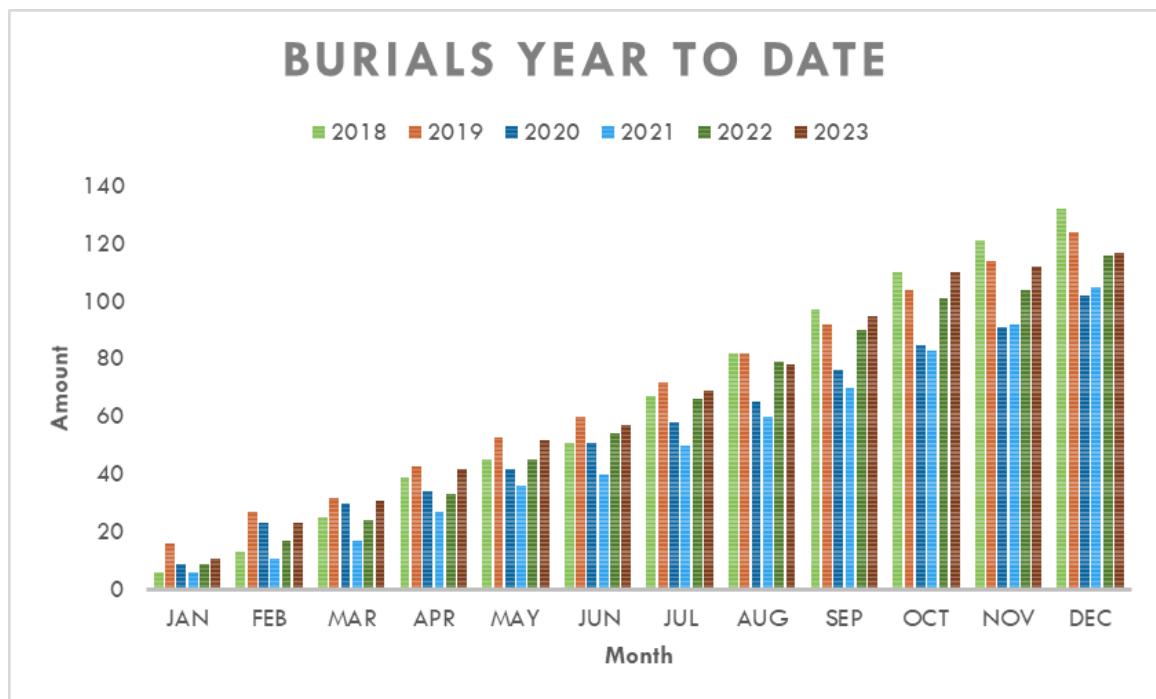
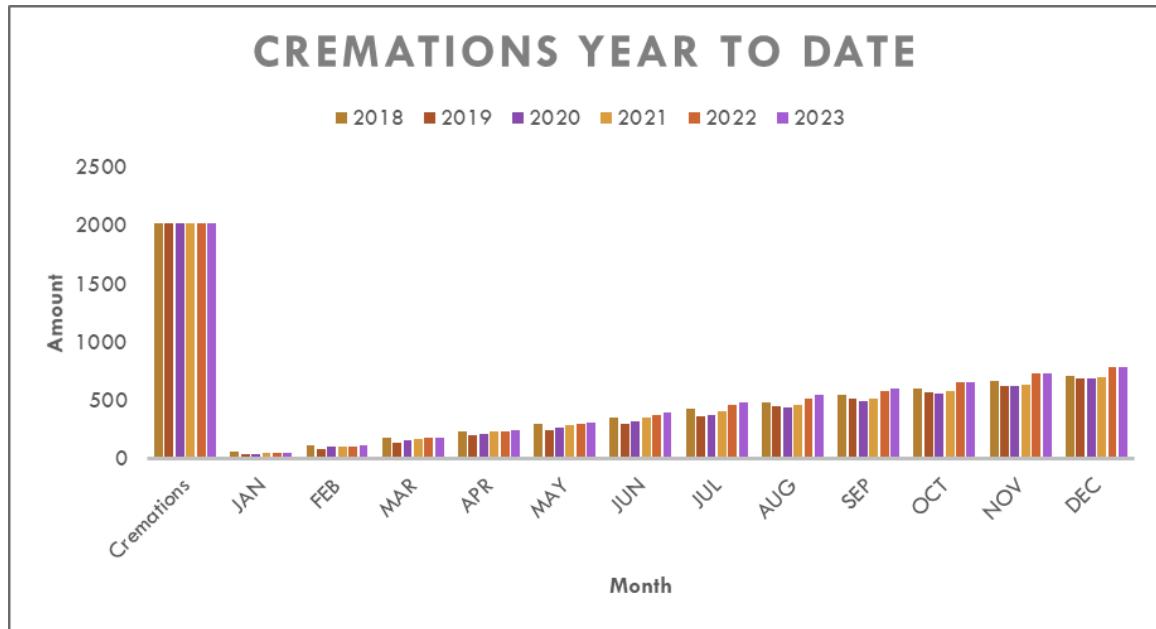
McKay Electrical are working on the lighting design for Otangarei sports park (Fishbone) field 2 for a new installation of sports park lighting.

Active Recreation & Sport Strategy

The contract with Sport Northland for the Navigator role was terminated effective 31 December. The Navigator who had been seconded to Council since February 2023 from Sport Northland is now employed full-time by Council to continue working on the Strategy recommendations in

addition to sports field and sports facilities management. This role is known as the Sport Development Officer.

Cemetery



A very quiet couple of months for November and December with 2 and 5 burials taking place. Cremations are also a bit slower than normal. This is a nationwide phenomenon and not just our district apparently. With a new cemetery worker starting in the middle of December, we are back up to full strength and happy with his progress to date.

We also have a new tractor unit to replace a roughly 16-year-old unit which was useful as it had the ability to attach multiple implements. The new unit has the same ability and more. We currently have a spray unit, and edger attachment on it, with the ability to attach a bucket, a mowing deck and a broom when needed. This saves time and money on having to hire or buy each implement separately.



Parks and Gardens

This year we have had a typical Spring, about a 100mm of rain in November and December, providing plenty of unsettled weather. While all our sites have dried out after the wet winter, there is still enough rain to keep the grass growing. This has kept the contractor working hard to keep the contract sites looking tidy. To do this Citycare have employed extra staff to help with the larger workload. Overall, most of the mowing sites around the District were looking tidy for the holiday period.

The hanging baskets have been installed for the summer and are looking really good. The combination of petunia's (various colours) and dichondra 'silver falls' is working well and we are getting plenty of positive comments about them.



The annual bedding displays started out looking great as well. Unfortunately, some of the displays were attacked by a heavy infestation of aphids, which caused the plants to collapse, before the issue was identified. The rest of the displays have been checked and sprayed with the appropriate insecticide.

The frequency of rubbish bin emptying and toilet cleaning around the Town Basin and Hatea Loop increases over the summer period and Citycare have increased their capacity to cope with this. The toilet cleans go from twice a day to 3 times a day, 7 days a week. The rubbish bin emptying increases to 3 times a day also.

We continue to have problems with the fountain at Putahi Park. There are ongoing issues with the pumps and chemical injection systems in the pump house. When these don't work effectively, it can cause a slippery film to occur on the fountain surface.

While we monitor this closely, it is taking up more resources than it should do, when everything is working correctly.

9.5 Significant Risks & Issues

- Budget challenges limiting ability to respond to unplanned issues
- Ongoing issues with Personal Vehicle Dwellers (PVDs) and houseless persons residing at sports parks around the district.

7.6 Performance Measures and Compliance

Council will provide and maintain recreational facilities to support and promote active recreation of the community through participation in both organised and informal recreational activities aligned with Active Recreation and Sports Strategy.

Performance Measure	2023 – 24 target	Compliance
Sportsparks will be provided to meet the community's needs by providing minimum hours available at a sportspark per 10,000 people during the winter season.	≥180hrs	160 hrs
Percentage annual increase in community participation in active recreation and sports activities (Recorded through the Residents Survey)	≥1%	2022-2023 Not measured

Council will provide and maintain a range of parks, reserves and playgrounds to meet the needs of the community as well as protecting and enhancing the natural environment.

Performance Measure	2023 – 24 target	Compliance
Residents' satisfaction with the range and quality of public spaces, including parks, playgrounds and reserves. (Recorded through the Residents Survey.)	≥90%	2022-23 93%
Residents have adequate access to local recreational opportunities.	0.9Ha/ 1000 people	0.933

Council will provide and maintain cemeteries and a crematorium in a satisfactory manner.

Performance Measure	2023 – 24 target	Compliance
Residents' satisfaction with cemeteries. (Recorded through the Residents Survey).	≥90%	2022-23 97%

Council will provide well maintained and accessible public toilets in high use areas.

Performance Measure	2023 – 24 target	Compliance
Residents' satisfaction with public toilets (Recorded through the Residents Survey).	≥75%	2022-23 67%

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.