

Infrastructure Committee Agenda

Date: Thursday, 9 May, 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.

1. Declarations of Interest / Take Whaipānga	
2. Apologies / Kore Tae Mai	
3. Confirmation of Minutes of Previous Infrastructure Committee Meeting / Whakatau Meneti	
3.1 Minutes Infrastructure Committee 11 April 2024	6
4. Looking Forward	
4.1 Looking Forward - May 2024	10
5. Decision Reports / Whakatau Rīpoata	
5.1 Recommendation to Award CON22093 Whangarei Urban Traffic Calming	13
6. Information Reports / Ngā Pūrongo Kōrero	
6.1 Report Summary of Contracts Approved Under Delegated Authority - March 2024	16
6.2 Capital Programme Delivery Report Infrastructure - April 24	35
6.3 Infrastructure Operational Report March 24	59
7. Public Excluded Business / Rāhui Tangata	
8. 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 3.1

Infrastructure Committee Meeting Minutes

Date: Thursday, 11 April, 2024

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
(Teams)
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

No declarations of interest were made.

2. Apology / Kore Tae Mai

Cr Phoenix Ruka

Moved By Cr Carol Peters

Seconded By Cr Scott McKenzie

That the apology be sustained.

Carried

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

3.1 Minutes Infrastructure Committee Meeting held 14 March 2024

Moved By Cr Carol Peters
Seconded By Cr Marie Olsen

That the Minutes of the Infrastructure Committee meeting held Thursday 14 March, 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 Draft Northland Regional Landfill Limited Partnership – Statement of Intent 2024-25

Moved By Cr Simon Reid
Seconded By Cr Marie Olsen

That the Infrastructure Committee;

1. Receives the Draft Northland Regional Landfill Limited Partnership Statement of Intent 2024-25; and
2. Notes the Northland Regional Landfill Limited Partnership half year performance report for the period up to end of December 2023.

Carried

4.2 Whangarei Speed Limits Update and Tutukaka Coast and Regional Plan

Moved By Cr Scott McKenzie
Seconded By Cr Nicholas Connop

That the Committee:

1. Notes that consultation for the Tutukaka Coast and Ngunguru speed catchment area was approved by Council in November 2023 and that subsidised budget is available.
2. Authorises staff to commence the consultation phase with the public on the review for the setting of speeds limits for the Tutukaka Coast and Ngunguru (to FNDC boundary) catchment area.
3. Notes that consultation on speed management changes for the City Centre and around Schools will not progress until the Minister of Transport / Waka Kotahi provide further advice.

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

	For	Against
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	8	5

The motion was Carried (8 to 5)

5. Information Reports / Ngā Pūrongo Kōrero

5.1 Contracts Approved Under Delegated Authority - January 2024

Moved By Cr Gavin Benney

Seconded By Cr Nicholas Connop

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

Carried

Procedural Motion

Moved By Cr Paul Yovich

Seconded By Cr Phil Halse

That the motion now be put.

Carried

His Worship the Mayor left the meeting at 9.42am during Item 5.1.

5.2 Capital Programme Delivery Report Infrastructure - March 24

Moved By Cr Simon Reid

Seconded By Cr Paul Yovich

That the Infrastructure Committee notes the Infrastructure Capital Programme Report - March 2024 update.

Carried

5.3 Infrastructure Operational Report - February 24

Moved By Cr Nicholas Connop
Seconded By Cr Deborah Harding

That the Infrastructure Committee notes the Infrastructure Operational Report February 2024 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 10.15am.

Confirmed this 9th day of May 2024

Councillor Simon Reid (Chairperson)

4.1 Infrastructure Looking Forward – May 2024

Meeting: Infrastructure Committee
Date of meeting: 9 May 2024
Reporting officer: Jim Sephton, General Manager Infrastructure

1 Purpose / Te Kaupapa

To provide Elected Members with visibility of upcoming approvals, events and gateways in Infrastructure. This includes approvals that will be completed under delegation.

2 Recommendation / Whakataunga

That the Committee notes the Infrastructure Looking Forward Paper for May 2024.

3 Business Cases / Scoping

Punaruku Flood Mitigation – Hapu Committee have led the development of a Business Case which is now costed and ready to be adopted by Council for future implementation.

Wastewater Administration Building – Council endorsement of the Business Case for the replacement of the current (asbestos affected) building has been completed and is going through internal checks. The scope and engineers estimate have been reviewed in detail so that we can progress with confidence into construction in the next financial year.

4 Engagement

Tutakaka Coast Speed Limit – Consultation starting later in May.

5 Design & Consenting

5.1 Contract Award

John Street – Award of Professional Services to undertake design development. This contract is currently being reviewed by the Chief Executive who has the delegated authority to approve.

5.2 Completion

Bank Street Priority Lanes – Approval of the scope of the final design and engineers estimate prior to construction.

6 Construction

6.1 Procurement Plan Approvals

Roading Emergency Works – A panel of Contractors and Consultants who will work collaboratively with the Transportation Team to repair the significant slips from the weather events of 2023. Approval of this Procurement Plan will come to Infrastructure Committee next month.

Roading Maintenance Contracts – We are developing the new Maintenance Contracts. This will be steered by the Roading Contracts Steering Group attended by the Infrastructure Chair and Deputy Chair. The first step is bringing on board some additional resource to take us through the establishment of the Procurement approach.

Phase 1 – Strategy:

- Review and define the current industry specification standards and contract models
- Host “right track workshops” with internal staff, elected members, and other stakeholders
- Develop the strategic direction for the next contract model.

The actual Procurement Plan for the Maintenance Contract will come to Council in July.

The Chair of the Infrastructure Committee is seeking ways in which we can enable contractors to commence work in the new financial year prior to NZTA approval of funding. This will give us a head-start on the window of seasonal work that is very weather dependent.

6.2 Contract Award

Whale Tail Playground – Evaluation of the procurement included input from schools for this upgrade of the playground at Ngunguru.

Separable Portion 3 of current Road Maintenance Contracts – This is the approval of the final year of our current Maintenance Contracts which will come to full Council for approval. There has been substantial effort from the team and our contractors to improve performance as part of the Contract Rejuvenation process. This has been steered by the Roading Contracts Steering Group attended by the Infrastructure Chair and Deputy Chair.

6.3 Works commencing

Kioreroa Road Wastewater Main - Construction starting in May with Traffic Management in place.

6.4 Completion

Onerahi and Parua Bay Sports Fields – Final preparations are being made ahead of the upcoming winter season.

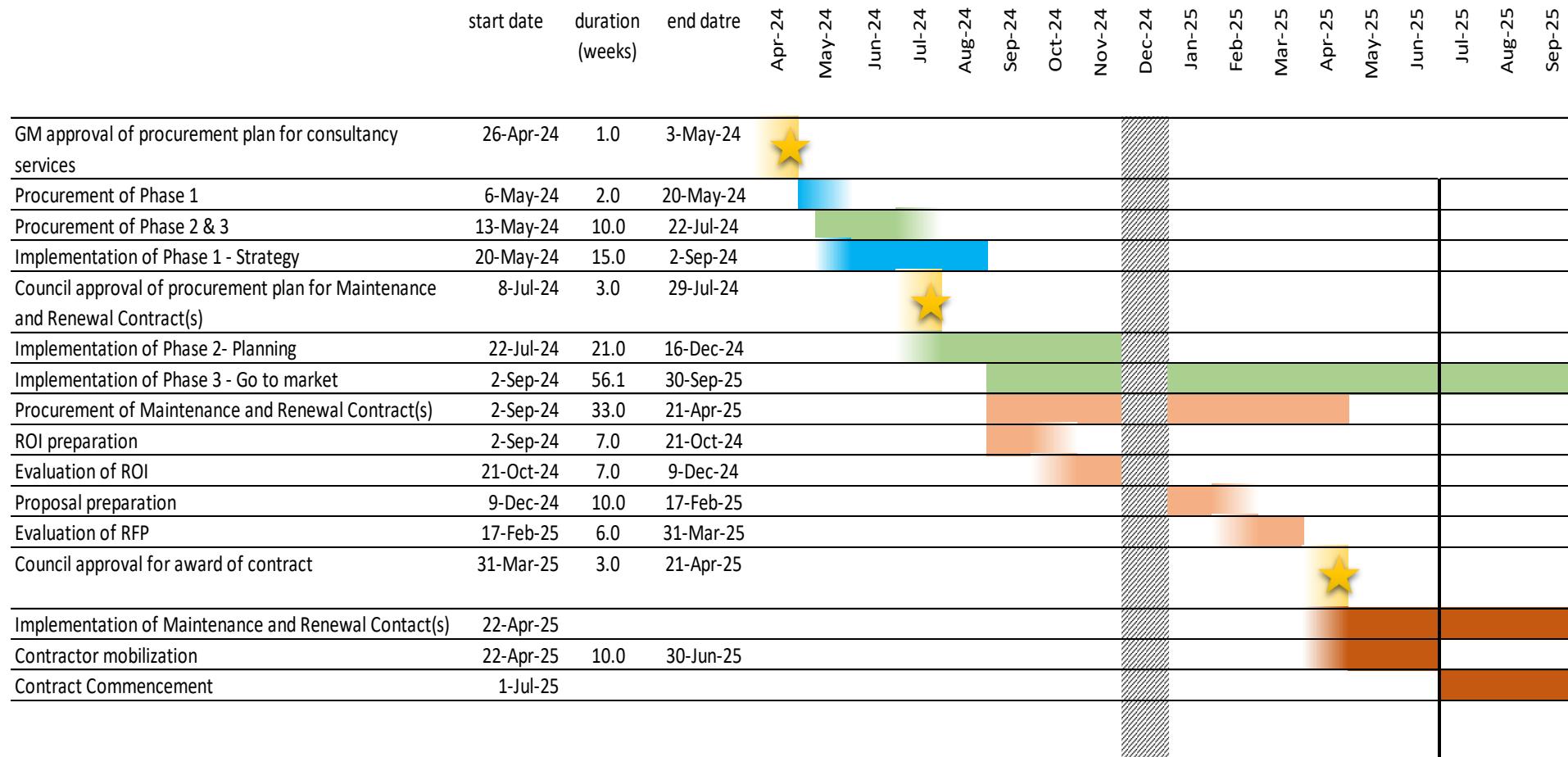
7 Significance and engagement / Te Hira me te Arawhiti

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

8 Attachment / Ngā Tāpiritanga

Attachment 1 – Appendix A

Appendix A - Proposed timeline of procurement process to achieve contract award of 1st July 2025.



Notes

Average period for preparation of ROI and RFP is 7 weeks each. (3 weeks over christmas shutdown is excluded from this calculation)

Average period for evaluation of ROI and RFP is 6/7 weeks each.

5.1 Recommendation to Award CON22093 Whangarei Urban Traffic Calming – Separable Portion 2 Raumanga South

Meeting: Infrastructure Committee

Date of meeting: 9 May 2024

Reporting officer: Rachael Mannion, Capital Works Team Lead

1 Purpose / Te Kaupapa

To award Separable Portion 2 of CON22093 Whangarei Urban Traffic Calming to Asset Construction Ltd for a value of \$917,683.49.

2 Recommendation / Whakataunga

That the Infrastructure Committee award Separable Portion 2 of contract CON22093 Whangarei Urban Traffic Calming to Asset Construction Ltd, for the tendered sum of \$917,683.49 (nine hundred and seventeen thousand, six hundred and eighty-three dollars and forty nine cents) excluding GST, taking the total award value of the contract to \$3,643,220.53 excluding GST.

3 Background / Horopaki

Project Background

The purpose of the traffic calming projects is to slow speeding traffic on residential streets to improve safety and provide better pedestrian connectivity.

The traffic calming sites have been identified by the community through petitions and complaints to the Council and the highest priority streets with the greatest safety risk which are eligible for Low Cost Low Risk funding or funded through Waka Kotahi's Transport Choices have been included in this contract.

Contract Background

These works include the construction of traffic calming devices such as raised pedestrian platforms, footpaths with pram crossings, speed cushions and associated work such as road marking, road signs, drainage and streetlighting.

The Contract was procured via open tender in May 2023 and included four separable portions:

- Separable Portion 1: Onerahi (Raurimu Avenue) was awarded on 3 July 2023 for \$622,979.38
- Separable Portion 2: Raumanga South (Tauroa Street, Fairburn Street) this recommendation.

- Separable Portion 3: Raumanga North (Murdoch Crescent) was awarded on 3 July 2023 for \$772,557.66
- Separable Portion 4: Kamo (Clark Road) was awarded on 20 December 2023 for \$1,330,000.00.

The award of Separable Portion 2 (SP2) completes the Raumanga portion of the works which were started under Separable Portion 3.

4 Discussion / Whakawhiti kōrero

Contract CON22093 was publicly released on TenderLink and GETS websites on 2 May 2023. Tenders closed on 30 May 2023.

Four conforming tenders were received as shown in the table below.

Tenderer	Price
Asset Construction	\$3,232,251.84
Dempsey Wood Civil	\$4,719,654.23
Hauraki Construction	\$4,547,248.68
Ventia NZ Operations	\$3,427,575.21
Engineer's Estimate	\$2,357,992.00

These tenders were evaluated using the Lowest Price Conforming Method in accordance with the NZ Transport Agency's Procurement Manual.

Asset Construction Ltd was the winning tenderer with the lowest price and a conforming tender.

The Asset Construction Ltd tender price was 37% higher than the engineer's estimate. A review of their tender price indicated that a substantial amount of this cost increase was due to the concrete construction works and appears to be due to the rapid escalation in concrete costs over the past year. Asset Construction's tender price is deemed to be the current market rate given that three higher priced tenders were received from competent experienced contractors.

4.1 Financial/budget considerations

Separable Portion 2 is funded wholly through Transport Choices and does not require any Council funding.

Approved Annual Plan budget line	00932 Transport Choices – Raumanga Package
Total budget	\$ 4,635,000
Value already spent and / or committed	\$ 2,744,163
Budget remaining	\$ 1,890,837
Contract award value	\$ 917,683.49

4.2 Options

Award Separable Portion 2 – Raumanga South

This is the recommended option. It allows the completion of the works started under Separable Portion 3 and requested by the community and makes the most of the Transport Choices program that is fully funded by NZTA.

Don't Award Separable Portion 2 – Raumanga South

If the Infrastructure Committee chooses not to award the works, the Transport Choices funding for this portion of the package will not be utilised and the community will need to be informed as previous communications had indicated that the works would be going ahead.

5 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 the Agenda publication on the Council website, the Project Page on the Council website, Facebook and letter drops.

6.1 Contracts Approved Under Delegated Authority

Meeting: Infrastructure Committee

Date of meeting: 9 May 2024

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
CON21039	<p>Contract Variation: Precast Box Culvert Supply – Mangapai Road Culvert No.133 Replacement</p> <p>Variation to contract value for CON21039 Mangapai Road Culvert No 133 Replacement - replacement of an existing culvert on Mangapai Road. Approved council budget for this activity stands at \$3,256,341.00, with \$2,596,370.00 remaining available. Extra costs associated with crane hire and unloading activities incurred due to the delay caused by the Brynderwyn closure. Expenses related to originally intended for the physical works contractor, amounting to \$21,448.23. The increase amounts to \$21,448.23, bringing the new total contract value to \$308,148.49, exclusive of GST.</p>

CON23063	Contract Award: Phase 3 EW Slips Programme – Investigation & Design – WDC Work Package 1	<p>The contract for CON23063: Phase 3 EW Slips Programme – Investigation & Design – WDC Work Package 1 has been awarded to WSP for \$132,647.00, excluding GST.</p> <p>This professional service contract includes investigations, optioneering and detailed design to remediate two priority slip sites in Whangarei. The procurement method involved a Direct Award to WSP, as part of a Regional Procurement Plan, which supports the Emergency Works fully funded by Waka Kotahi. WSP's price is 10% lower than the engineers' estimate, and their offer was deemed competitive and valuable to the council and NTA. The contract value includes a provisional sum (Geotech Investigations) and risk. The total budget remaining for this project is \$147,638, with no local share required for WDC under the Investigation & Design stage.</p>
CON23037	Contract Award: 23/24 Safety Projects	<p>The contract for Separable Portion 1 & 4 of CON23037: 23/24 Safety has been awarded to WM Construction Limited for the tendered sum of \$478,540.58, excluding GST. The scope of work includes intersection improvements at 81 rural road intersections and upgrading an existing raised platform to a new zebra crossing on Vine Street. The total budget for the projects is \$1,705,356.00, with \$101,765.22 already committed. The procurement method was open tender through Tenderlink, with WM Construction offering the lowest conforming tender among four received, below the Engineer's Estimate of \$1,550,000.00.</p>
CON20049	Contract Award: Traffic Counting	<p>The 3-year extension of contract CON20049: NTA Traffic Counting Contract – Kaipara and Whangarei District Council, has been awarded to WSP for \$844,379.85 excluding GST. WSP scored 67 in the latest performance evaluation, indicating performance above the required standard as per NZTA's Z/11 guideline. The contract shows value for money as WSP's bid was significantly below the Engineers Estimate. The contract scope includes various traffic count sites structured around the districts, meeting NZTA's Traffic monitoring for State Highways SM052. Financially, the contract is split between Kaipara District Council (KDC) and Whangarei District Council (WDC), with budgets outlined for each council year by year.</p>

2. Parks and Recreation		
CON23056	Contract Award: Takahiwai Sports Field Lighting Renewal	The contract for CON23056, Takahiwai Sports Field Lighting Renewal, has been awarded to Davco Electrical Services Ltd for \$276,403.00 excluding GST, which includes a risk allowance of \$30,000.00 excluding GST. The project aligns with the Active Recreation & Sport strategy adopted by Whangarei District Council in February 2021 and was included in the 2021 Long Term Plan. The project's budget is \$318,545.45. An open tender process was conducted, resulting in five received tenders. Davco Electrical Services Ltd emerged as the successful supplier following evaluation using the Price Quality Methodology. The contract price is within the Engineers Estimate of \$319,700.00 from September 2023.
3. Capital Programmes		
CON21050	Contract Variation: Professional Services Lovers Lane Bridge Replacement	The total contract amount of CON21050 for Professional Services for Lovers Lane Bridge Replacement has been increased by \$69,770.77 to \$362,010.77 excluding GST. This contract, awarded to Hawthorn Geddes Engineers and Architects Limited after an open tender process, initially valued at \$292,240.00 excluding GST, necessitates additional work due to various factors. These include integrating landing areas and lighting with adjacent projects, extended construction periods, consenting requirements, crane access amendments, and pending final inspection tasks. The variation costs are broken down into landing area and path linkage with lighting, extended construction period, crane access and bridge delivery access ramp, and estimated completion of all contract deliverables. Financially, savings from the CANAM construction contract for Lovers Lane Bridge are expected to cover this variation, remaining within the total project budget.
CON23026	Contract Award: Kamo Reservoir Additional Capacity – Physical Works	The contract for CON23026 for Kamo Reservoir Additional Capacity – Physical Works has been awarded to Steve Bowling Contracting Limited for the tendered sum of \$5,654,616.57 excluding GST. A contingency of \$678,554.00 excluding GST has been recommended to increase the contract value up to \$6,333,170.57 excluding GST if required.

4 Significance and engagement / Te Hira me te Arawhitī

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 March 2024

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

CON21039

Contract Variation: Precast Box Culvert Supply – Mangapai Road Culvert No.133 Replacement

Chief Executive Approval

The contract value for Precast Box Culvert Supply for CON21039 Mangapai Road Culvert No 133 Replacement be increased by \$21,448.23 (Twenty-one thousand, four hundred and forty-eight dollars and twenty-three cents) to a total new contract value of \$308,148.49 (Three hundred eight thousand, one hundred forty-eight dollars and forty-nine cents) excluding GST.

Contract Scope

The contract is for the supply of precast concrete box culvert units and associated components that are intended to be used in replacement of an existing culvert at Mangapai Road.

Financial Details

Status of approved Council Budget

Approved Budget Source	Work Category 216
Approved Total Budget	\$3,256,341.00
Available Remaining Budget	\$2,596,370.00

Contract Breakdown

Existing Contract value	\$286,700.26
Total Variation Value	\$21,448.23
New Contract value	\$308,148.49

Contract Variation Detail

VO 1 – Extra and over rate for delivery and unloading to WDC's Salesyard Road storage yard.

The Mangapai culvert replacement work was programmed to be delivered in the 2023/24 FY. Waka Kotahi subsequently introduced the Brynderwyn closure and despite best efforts it was not possible to start prior the Brynderwyn closure.

Culvert units were procured separately and in advance of the construction contract to reduce timeframes and on-costs from the Contractor. The original contract scope allowed for the culverts to be delivered directly to the Mangapai Road site. We have now had to securely store the culvert units

at the WDC Salesyard Road storage yard, ready once construction commences in early spring on the 2024/25 FY.

Noting there is no cost associated with storage as this yard is owned by WDC.

A provisional sum (VO 1) for delivery to WDC's Salesyard Road storage yard was included in the original Tender schedule, allowing the supplier to price this item in case the delivery to WDC's Salesyard Road storage yard was required (see attached HUMES Form of tender Item 1.1 for its rate). This extra over is specifically for the crane hire and unloading activities originally planned to be undertaken by the physical works contractor if the culverts were delivered to site. This is a lump sum item, so specific costings of individual items are unknown.

Breakdown

Description	Amount
VO-1. Extra and over rate for delivery to WDC's Salesyard Road storage yard	\$ 21,448.23
Total Variation	\$ 21,448.23

CON23063

Contract Award: Phase 3 EW Slips Programme – Investigation & Design – WDC Work Package 1

General Manager Approval

That the contract for CON23063: Phase 3 EW Slips Programme – Investigation & Design – WDC Work Package 1 be awarded to WSP for the tendered sum of \$132,647.00 (One hundred and thirty-two thousand, six hundred and forty-seven dollars and zero cents) excluding GST.

Contract Scope

This professional service contract is for services, including Investigations, Optioneering and Detailed Design to remediate two priority slip sites in Whangarei.

Financial Details

Approved Annual Plan Budget Line	n/a – Emergency Works funded by Waka Kotahi
Total Budget (Engineers Estimate)	\$147,638
Value Already Committed	\$0
Budget Remaining	\$147,638
Contract Award Value	\$132,647 (includes provisional sum of \$22,860 and contingency of \$19,818)

Procurement Method

A Regional Procurement Plan for Stage 1 of the Emergency Works Slips Site Investigations & Design approved by council Chief Executives and Waka Kotahi supports the Direct Award of six packages of work to six pre-qualified suppliers.

WSP is one of these suppliers and WDC Package 1 (this approval), is one of the six packages.

WSP have provided a price and Offer of Service. NTA is happy that the package provides value to the council and NTA. NTA have had the benefit of six tenders across Northland of the same nature and scale to compare, thus providing assurance of the market level for these services.

WSP's price is 10% lower than the engineers estimate for these sites, where in this instance the EWA was also completed by WSP through the initial Emergency Works Assessments (EWA).

Engineers' estimates have informed the budgets and were completed through an Emergency Works Assessment (EWA) process that WSP carried out across all EW slip sites in Northland. The goal of the EWA was to take a systematic and consistent approach that included a simple visual inspection, three options to remediate each site and a recommended option, along with high-level estimates for each. These have guided funding forecasts for NTA and NZTA across Northland. NZTA accepts that there will be changes and is comfortable for NTA to continue work and adjust funding as appropriate. The Emergency Works Programme is meeting with NZTA regularly to keep communication open regarding funding and to avoid any surprises.

There is no local share for WDC under the Investigation & Design stage.

Tenders Received and Evaluated

Tenderer	Tender Price	Engineers Estimate	Difference Including Provisional Sums	Percentage Difference
WSP Two sites	\$132,647	\$147,638	\$14,992	-10%
Total for WDC Stage 1	\$132,647 (for approval)	\$147,638	\$14,992	-10%

The recommendation is to award WSP their work package as they have provided a thorough and complete Offer of Service that is very competitive relative to the other five proposals received providing value for Whangarei District Council.

The Procurement Plan for the Phase 3 EW Slips Programme dated 13 November 2023 approved a value of \$147,638.00 (One hundred forty-seven thousand, six hundred and thirty-eight dollars and zero cents) for WDC's Stage 1 priority sites. This recommendation has come under this value while still including contingency at a value of \$132,647.00 (One hundred thirty-two thousand, six hundred and forty-seven dollars and zero cents), a difference of \$14,992 (Fourteen thousand, nine hundred and ninety-nine dollars and zero cents).

CON23037
Contract Award: 23/24 Safety Projects

Chief Executive Approval

The contract for Separable Portion 1 & 4 of CON23037: 23/24 Safety be awarded to WM Construction Limited for the tendered sum of \$478,540.58 (Four hundred and seventy-eight thousand, five hundred and forty dollars and fifty-eight cents) excluding GST.

Contract Scope

Safety Projects at two sites as detailed below.

Separable Portion 1 Intersection Improvements

To install stop and give way treatments at 81 rural road intersections that are currently missing.

Separable Portion 4 Vine Street

To upgrade the existing raised platform to a new zebra crossing on Vine Street to improve pedestrian safety and make the crossing more conspicuous. This includes new road marking, improved drainage, new signage and the renewal of associated footpaths.

Works not being awarded

SP2 - Dave Culham Drive (new raised platform and zebra crossing) is not being awarded due to insufficient available funding.

SP-3 High Street Footpath 360m of new footpath to provide pedestrian connectivity between Kotata Rise and Collingwood Street on High Street) is not being awarded at this stage

Financial Details

Separable Portion 1 Intersection Improvements

Approved Annual Plan Budget Line	PJ 00202: Low-Cost Low Risk – Intersection Improvements
Total Budget	\$ 370,000.00
Value Already Committed	\$ 101,765.22
Budget Remaining	\$ 268,234.78
Separable Portion Award Value	\$ 179,608.21

Separable Portion 4 Vine Street

Approved Annual Plan Budget Line	PJ 00726: Local Road Improvements – Minor Improvements
Total Budget	\$ 1,335,356.00
Value Already Committed	\$ 0.00
Budget Remaining	\$ 1,335,356.00
Separable Portion Award Value	\$ 298,932.37

Contract Award Value	\$ 478,540.58
-----------------------------	---------------

Procurement Method

The project was procured via open tender through Tenderlink and evaluated as Lowest Price Conforming in accordance with the NZTA Waka Kotahi Procurement Manual rules.

Tenders Received and Evaluated

Tenderer	Tender Price (Excl GST)
WM Construction	\$ 1,695,532.87
ACL	\$ 1,921,817.41
Ventia	\$ 2,014,014.40
Downer	\$ 2,244,730.07
Engineer's Estimate	\$1,550,000.00

WM Construction were the lowest price, and their submission was found to be conforming. This award is for Separable Portions 1 & 4 of the tender, to a total award value of \$478,540.58 excluding GST.

CON20049 Contract Award: NTA Traffic Counting
--

Chief Executive Approval

To award the 3 years extension of contract CON20049: NTA Traffic Counting Contract – Kaipara and Whangarei District Council be awarded to WSP for the tendered sum of \$844,379.85 (Eight hundred and forty-four thousand, three hundred and seventy-nine dollars and eighty-five cents) excluding GST.

CON20049 allows for a 3-year extension based on performance. WSP have performed well during the initial period as demonstrated in WSP's latest performance evaluation they scored 67, with a score of 60 and above indicating "performance above the required standard" as per NZTA's Z/11 guideline.

The contract has demonstrated value for money as original contract was tendered by 3 organisations, with WSP coming in significantly below the Engineers Estimate. The extension of this contract is based on the original rates, but with a cost fluctuation adjustment applied, as per NZTA's Procurement Manual.

Contract Scope

The Contract is for Kaipara and Whangarei District Council traffic counting programme which is structured around the various catchments within the district. The count sites are split into several types and have the following count frequencies:

- Standard Site Counts:

- Monitoring Traffic Count Sites – Four times per year
- Control Traffic Count Sites – Twice per year
- Annual Traffic Count Sites – Once per year
- Additional Traffic Count Sites – Once every five years
- Holiday Site Counts:
 - Holiday Traffic Count Sites – Once per year
- Pavement Rehab Site Counts – on request
- Others – on request

The scope of the traffic count is largely based on NZTA's Traffic monitoring for State Highways SM052. The scope of works is appropriate as this is required to provide accurate data and achieve quality results when it's used for pavement designs, traffic delay calcs, etc.

Financial Details

Approved Annual Plan Budget Line	WC 151 Network Asset Management (NZ Transport Agency Subsidized)	
Council	Kaipara District Council (KDC)	Whangarei District Council (WDC)
Total Budget (23/24)	\$1,998,555.00	\$2,884,871.00
Value Already Committed (23/24)	\$1,157,663.00	\$1,326,729.00
Budget Remaining (23/24)	\$840,892.00	\$1,558,142.00
Contract Award Value Per Council (Year 1)	\$137,100.41	\$133,435.37
Contract Award Value Per Council (Year 2)	\$142,456.07	\$138,304.68
Contract Award Value Per Council (Year 3)	\$148,500.05	\$144,583.27
Contract Award Value Per Council (Total)	\$428,056.53	\$416,323.32
Total Contract Award Value	\$844,379.85	

The contract is a combined contract for KDC & WDC's traffic count programme. WDC is the Client to the contract. KDC's share will be paid by WDC and WDC will recover this from KDC.

The budget listed above reflects the Long Term Plan and Land Transport Programme submission being put forward for the next 3 years.

2.0 Parks and Recreation

CON23056 Contract Award: Takahiwai Sports Field Lighting Renewal

Chief Executive Approval

The contract for CON23056, Takahiwai Sports Field Lighting Renewal be awarded to Davco Electrical Services Ltd for the tendered sum of \$276,403.00 (Two hundred and seventy-six thousand, four hundred and three dollars and zero cents) excluding GST which includes a contingency of \$30,000.00 (Thirty thousand dollars and zero cents) excluding GST.

Background

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.

Takahiwai lighting replacement is aligned with this strategy and was included in the 2021 long Term Plan.

Financial

The Takahiwai Lighting project budget is \$318,545.45 (Three hundred and eighteen thousand, five hundred and forty-five dollars and forty-five cents) (PJ-00874-CX-6480)

Procurement Process

An open tender process was followed with an advert placed on Tenderlink inviting suppliers to tender. The tender opened on 12 January 2024 and closed on 16 February 2024.

Tenders Received and Evaluated

Five tenders were received from the following companies:

- Aotea Electrical Ltd.
- Davco Electrical Services Ltd
- Coll Electrical Ltd
- DWH Ltd
- McKay and MGENZ Ltd

The initial shift of qualifying tenders removed DWH Ltd from further evaluation as they had not provided a qualifying SiteWise accredited certificate or any alternative H&S professional body qualification.

The tenders were evaluated using the Price Quality Method Methodology.

The tender evaluation took place on the 26 February 2024 and consisted of the following panel members:

- Deva Howat (WDC)
- Gemma Aspden (WDC)
- Darren James (Hoskin Civil Ltd)

On quality the following scores were recorded following moderation as follows.

Once the price scores were attributed the final scores were:

Tenderer	Scores	Final Scores (Price Scores Attributed)
Aotea Electrical Ltd.	50	350
Davco Electrical Services Ltd.	373.5	723.5
Coll Electrical Ltd.	368.5	668.5
McKay and MGENZ Ltd.	369	669

The evaluators concluded that Davco Electrical Services Ltd were the successful supplier.

Tenderer	Price (Excluding GST)	Less all Scheduled Fixed Amounts	Supplier Quality Premium	Adjusted Tender Price (Excluding GST)
Aotea Electrical Ltd	\$356,000.00	\$0	\$0	\$356,000.00
Davco Electrical Services Ltd	\$246,403.00	\$0	\$65,858.00	\$180,545.00
Coll Electrical Ltd	\$315,407.00	\$0	\$64,899.00	\$250,508.00
McKay and MGENZ Ltd	\$366,227.32	\$0	\$64,579.00	\$301,648.00
Engineer's Estimate	\$319,700.00			

The Contract price is within the September 2023 Engineers Estimate.

3.0 Capital Programmes

CON21050

Contract Variation: Professional Services Lovers Lane Bridge Replacement

Chief Executive Approval

It is recommended that the total contract amount of CON21050 for Professional Services for Lovers Lane Bridge Replacement is increased to by \$69,770.77 (Sixty-nine thousand, seven hundred and seventy dollars and seventy-seven cents) to \$362,010.77 (Three hundred sixty-two thousand, and 10 dollars and seventy-seven cents) excluding GST.

Background

This contract is for Professional Services for Lovers Lane Bridge Replacement. It was awarded to Hawthorn Geddes Engineers and Architects Limited after an open tender process. The original contract amount was \$292,240.00 excluding GST.

A number of additional pieces of work have been required of the engineer throughout the construction phase for various reasons outlined below.

Landing areas either side of the bridge were originally out of scope but have had to be integrated with designs for works being done at either end. External budget became available for the adjacent Cafler Park boardwalk and path linkage to Second Ave after this contract was awarded, which has required additional work. Additional lighting design had to be done to integrate the bridge lighting with this adjacent project.

The construction period has been longer than originally estimated when the contract was awarded, requiring additional site visits, meetings, and inspections. Additional work and costs were incurred to determine the consenting requirements and obtain approvals for exemptions from WDC and NRC. This has saved on other consenting costs.

The type of crane, access requirements, and methodology for delivery of the crane itself and the bridge structure had to be amended and agreed through the contract implementation. This required the engineer to undertake additional inspections and verification of the crane access ramp behind the library.

In order to get to the end of the contract works there is approximately \$15,000 of work yet to be done for final inspection, as-builts, and producer statement.

All costs have been scrutinised by the project manager and have been assessed as reasonable and necessary. A breakdown of the variation costs is provided in the following table:

Item	Variation	Amount (Excluding GST)
1.	Landing Area and path linkage, lighting	\$21,933.75
2.	ECI, Verifications, consents, extended construction period	\$16,432.02
3.	Crane access and bridge delivery access ramp	\$16,405.00
5.	Estimate to complete all contract deliverables	\$15,000.00

Financial Details

The separate CANAM construction contract for Lovers Lane Bridge is currently estimated to come in approximately \$100,000 under the awarded contract value. Those savings will be sufficient to cover the cost of this variation and remain within the total project budget.

Description	Amount (Excluding GST)
Total original contract value	\$292,240.00
Total amount of variations	\$69,770.77
Total revised contract value	\$362,010.77

CON23026

Contract Award: Kamo Reservoir Additional Capacity – Physical Works

General Manager Approval

It is recommended that the contract for Kamo Reservoir Additional Capacity - Physical Works (CON23026) be awarded to Steve Bowling Contracting Limited for the tendered sum of \$5,654,616.57 (Five million, six hundred and fifty-four thousand, six hundred and sixteen dollars and fifty-seven cents) excluding GST. It is also recommended that contingency management of \$678,554.00 excluding GST be delegated to the Manager Infrastructure Programmes, with associated delegated authority to increase the contract value to a maximum of \$6,333,170.57 (Six million three hundred and thirty-three thousand, one hundred and seventy dollars and fifty-seven cents) excluding GST.

Background

The Kamo Reservoir is situated at 90 Dip Road, just below the Onoke Scenic Reserve. The site is occupied by two existing water tank structures and associated infrastructure, which supplies potable water to the northern part of Whangarei City, in particular the reservoirs provide water to the fast-growing areas of Tikipunga and Three Mile Bush.

The two existing tank structures include a 4,500m³ concrete tank built in 1963, and a smaller 600m³ concrete tank built in 1941. Historically, the smaller tank served as the sole storage facility in Kamo until the construction of the larger reservoir. In recent years, its utilisation has been limited to periods when the main reservoir tank required dewatering for maintenance and repairs. The older tank has now out lived its useful life and is unable to be satisfactorily maintained. It is too small to meet the increased demand, consequently, it is now due for replacement with a new tank of increased capacity.

The Kamo Reservoir Additional Capacity Project is to replace the 'Dip Road Upper Reservoir (600m³ concrete tank structure outlined above), with a new larger (4,280m³) concrete tank, which will be connected to the existing tank, thereby providing a greater water storage capacity for Whangarei City. Additional improvement works for this reservoir site include a new accessway, earthworks, drainage improvements and the construction of a new retaining wall.

Financial

The project has spent a total of \$607,219 to date, mainly on investigation, design and consenting costs, with around \$50,000 spent on asbestos removal and site remediation. The remaining budget is \$5,995,617 made up of \$4,075,617 in the current financial year, and \$1,920,000 Year 1 of the draft LTP.

The remaining budget is sufficient to award the contract for the tendered amount and to cover the projected remaining professional fees through the construction period (refer to Table 4 below). This leaves \$221,268 available now for contingency, however it would not be prudent to allocate such a small contingency to a large construction contract with a variety of risks attached as outlined above.

Kamo Reservoir Additional Capacity	Forecast to Complete
Project & Contract Management	\$54,732.00
Design & Construction Monitoring	\$65,000.00
Construction	\$5,654,617.00
Construction Contingency (12%)	\$678,554.00
Total	\$6,452,902.00

Table 4 Total Forecasted Costs to Complete the Project

To bridge the potential budget gap of \$457,286 (all in contingency) it is proposed to award the contract and provide delegation to the Manager Infrastructure Programmes to manage the contingency. Prior to confirming the LTP in June 2024, the construction contract will be analysed to determine the remaining risk profile, remaining contract amount, and the contingency remaining necessary to complete the contract works. If any additional budget is required, it will be recommended for addition to this project for the final LTP figures. The alternative is for the project to potentially go over budget in financial year 2024/25.

Procurement Process

The Procurement Plan for these physical works was approved by the Infrastructure Committee 12 October 2023. The procurement process has followed the approved procurement plan.

Delivery model and Supplier Selection Methods

In accordance with the Procurement Plan and Councils Procurement Policy, the Request for Tender for CON23026 Kamo Reservoir Additional Capacity Physical Works (Head Contractor), went to open tender and was advertised on Tenderlink on 30 October 2023 and closed on 8 December 2023.

This was a two-envelope process. Envelope One containing Pre-conditions and non-price attributes was evaluated and scored for each tenderer. Then Envelope Two – Price, was opened and the scores evaluated for each tendered. The total scores are then combined following the formula to determine the preferred supplier.

The supplier selection method used is Price Quality Method (PQM), where the tenderers are scored against a series of pre-conditions, non-price attributes and the price as shown in Table 1 below.

Attribute	Weighting Factor
Health & Safety	Pass/Fail
Financial Viability	Pass/Fail
Relevant Experience	Pass/Fail
Water Services License	Pass/Fail
Track Record	Pass/Fail
Pile Bore Collapse Risk Management	Pass/Fail
Management & Technical Skills	20%
Methodology & Programme	40%
Attribute Score	60%
Price Score	40%

Table 1

The pre-conditions are assessed on information provided from the tenderers for a specific criterion and scored on a Pass/Fail. A fail score will eliminate the tenderer from further consideration.

The non-price attributes are scored against evidence and information provided from the tenderers on a series of questions to demonstrate value that corresponds to the Supplier Quality Premium (SQP) calculated for quality difference in attribute scores.

The SQP is determined for each tenderer's submission, then deducted from the tenderers price. The lowest adjusted price becomes the preferred supplier.

Tenders Received and Evaluated

Four tender responses were received, the tenderers included United Civil Construction Limited (UCCL), Fulton Hogan Limited (FH), HEB Construction Limited (HEB) and Steve Bowling Contracting Limited (SBC).

All tenderers passed the pre-condition criteria and then each option was scored based on the weighted attributes evaluation criteria. The four submissions were evaluated by the Tender Evaluation Team (TET).

The evaluation for pre-conditions and weighted attributes were completed and scored as shown in Table 2 below.

Non-Price Attributes	Weighting Factors	SBC	HEB	UCCL	FH
Pre-conditions					
1. Health and Safety	Pass/Fail	Pass	Pass	Pass	Pass
2. Financial Viability	Pass/Fail	Pass	Pass	Pass	Pass
3. Relevant Experience	Pass/Fail	Pass	Pass	Pass	Pass
4. Water Services License	Pass/Fail	Pass	Pass	Pass	Pass
5. Track Record	Pass/Fail	Pass	Pass	Pass	Pass
6. Pile Bore Collapse Risk Management	Pass/Fail	Pass	Pass	Pass	Pass
Weighted Attributes					
Attribute 1 – Management and Technical Skills	20	18	14	10	14
Attribute 2 - Methodology	40	32	22	24	22
Non-Price Attribute Total	60	50	36	34	36

Table 2

The pricing envelope was then opened and the SQP formula was applied. The lowest scored proposal was then assessed by the TET, and as the proposed methodology had some alternate options for constructing the retaining wall these were provided to the design team for review before a final recommendation could be made.

A meeting with the preferred supplier and design team was held on 7 February 2024 to address these items, and to agree on the best design solution for this project. The design team has confirmed that these methodologies are acceptable, and that any variance on design can be completed post-award. As a result, the project lead has forecast some additional design fees into the contingency to cover these costs should they arise.

The tenderer's proposed prices were entered into the calculation table and the results are shown below in Table 3.

Proposals	SBC	HEB	UCCL	FH
SQP & (Added Value Premium)	\$1,751,412.00	\$218,927.00	\$0.00	\$218,927.00
Proposed Prices	\$5,654,616.57	\$7,034,001.00	\$5,268,808.62	\$5,834,745.25
Price less SQP & (Added Value Premium)	\$3,903,205.00	\$6,815,075.00	\$5,268,809.00	\$5,615,819.00

Table 3

Due to the 30-40% variance on the Engineers Estimate an evaluation of the proposed prices by all tenderers was undertaken to get a better understanding of market costs, the engineers estimate was \$4,378,530 including contingency. The analysis confirmed that the engineers estimate was only a high-level desktop review, and it did not unfortunately reflect current market costs (as shown in the table above “Proposed Prices”)

The preferred and recommended supplier is Steve Bowling Contracting Limited at a contract value of \$5,654,616.57 excluding GST. Contingency of 12% or 678,554.00 excluding GST is considered appropriate for this physical works contract due to the higher risk underground works, uncertainty about the adjacent land development and the resulting potential need for an alternate stormwater design solution.

The total expenditure approval recommended is therefore \$6,333,170.57 excluding GST (including 12% contingency). The contingency amount will be held outside the contract and used only as approved by the Manager Infrastructure Programmes under delegation.

Contract Risk Analysis

As shown above during the tender evaluation process risks were identified and assessed, these have been outlined below and will need to be managed to minimise impact.

- Earthworks & Cultural Monitoring
 - Cultural workshop was held 21 February with Ngāti Kahu o Torongare to discuss their level of involvement with cultural monitoring during earthworks, totara felling & stormwater works.
- Stormwater Discharge
 - The stormwater has been designed to discharge into the neighbouring property's proposed drainage system, however they have not agreed to this yet as they wanted to wait for a commissioner decision from their Onoke Height Subdivision Hearing. If the Onoke Heights development does not go ahead the stormwater will be redesigned to use the existing outfall.
- Piling Design & Construction Methodology
 - Temporary/Permanent Pile Casings – there is a low risk that temporary and/or permanent casings will be required, but should this risk arise an allowance has been made within the contingency to cover the casings, labour, and additional design
 - Shotcrete Reinforcement – the contractor has proposed an alternate methodology, which has been endorsed by the design team. This will require more detailed design which can commence post-award. The total costs are unknown and may require the use of contingency. Note that this alternate methodology results in cost savings compared to the original and is already reflected in a reduced contract price.

Hapū have advised that they have a neutral position in relation to this project because the site is already disturbed, and the water reservoirs already exist. However, due to its location above the contentious Onoke Heights development there is an additional risk that the WDC project works may

be confused for the developer commencing works and cause an adverse reaction from hapū members. We will provide additional communications in a best effort to avoid this situation, but it does pose additional risk in terms of delivering this contract smoothly.

The nature of NZS3910 construction contracts is a risk sharing between the client and contractor. Normal practice for simple works is a 10% contingency, while more complex and riskier works should have at least 15% contingency. The proposed 12% contingency recognises that some of the more major risks are resolved during the initial earthworks and retaining wall construction phases, so the risk profile reduces early in the contract.

6.2 Infrastructure Capital Programme Report – April 2024

Meeting: Infrastructure Committee

Date of meeting: 9 May 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 - April 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 April 2024.

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 the April 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 Attachments / Ngā Tāpiritanga

1. Infrastructure Capital Programme Report – April 2024
2. Planned Physical Procurements

Infrastructure Committee

Capital Programme Report

April 2024

Infrastructure – Capital Programme Report

Reporting Officer: Jim Sephton (General Manager Infrastructure)
 Meeting Date: 9th May 2024

Contents

Executive Summary	3
1 Reporting Structure	4
2 Council Programmes	6
CITY CENTRE REVITALISATION PROGRAMME.....	6
BLUE GREEN NETWORK PROGRAMME	7
POHE ISLAND MASTERPLAN PROGRAMME	8
TRANSPORT CHOICES.....	9
3 Activity Portfolios	10
PARKS & RECREATION PORTFOLIO	10
FLOOD MANAGEMENT & STORMWATER.....	12
WASTEWATER PORTFOLIO	13
WATER SUPPLY PORTFOLIO.....	15
4.5 TRANSPORT PORTFOLIO	17
External Funding	19
TOURISM INFRASTRUCTURE FUND	19
INFRASTRUCTURE ACCELERATION FUND.....	20
Procurement Activity	21
MARKET CONDITIONS	21
PROCUREMENT PIPELINE.....	21
6.2 PROCUREMENT STRATEGY REVIEW	21

Executive Summary

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

Delivery of programme

Significant milestones reached on several projects which are now progressing into construction.

Notable milestones progressions

Business Case / Scoping	<p>Business Case for provision of an artificial pitch at Tikipunga will be developed for approval in the 2024 LTP as this is considered to provide better value for money.</p> <p>Business case for Punaruku Russell Road Flood Mitigation has been completed. It has been presented to Ward Councilors and the Infrastructure Chair. It will be brought to Council through the LTP Issues and Options deliberations.</p> <p>Business Cases awaiting approval through delegation</p> <ul style="list-style-type: none"> • Whangārei WWTP New Admin Building • Whangārei WWTP Augmentation
Project Planning	<p>Pacific Bay design solution has been amended following meetings with community – However the landowner is not agreeable despite earlier discussions. Therefore this project will not progress. Community have been notified.</p>
Execution	<p>Contract awarded for</p> <ul style="list-style-type: none"> • Sorrento Street Stormwater upgrade • Kamo Dip Rd Water Reservoir Construction • Takahiwai Sportsfields Upgrades Construction • Onerahi Sportsfields Upgrades Construction <p>Significant milestones being achieved in wastewater with award of Kioreroa Road Rising Main and Odour Control. Completion of the Business Case for the new Admin Building and capacity increases is the current focus.</p> <p>Works have commenced on Raumanga Stream Rehabilitation as well as a number of sports pitches.</p> <p>Resource consent granted for Rose St Bus Hub Upgrade.</p> <p>Port Road intersection – Blessing and official opening undertaken on 15 April.</p> <p>Springsflat roundabout detailed design is approximately 70% complete and the planning assessments are nearing completion. The Northern Growth Area Business Case and spatial planning project has commenced.</p> <p>Gillingham Road Bridge detailed design 99% complete and the planning assessment is completed.</p>
Close out	

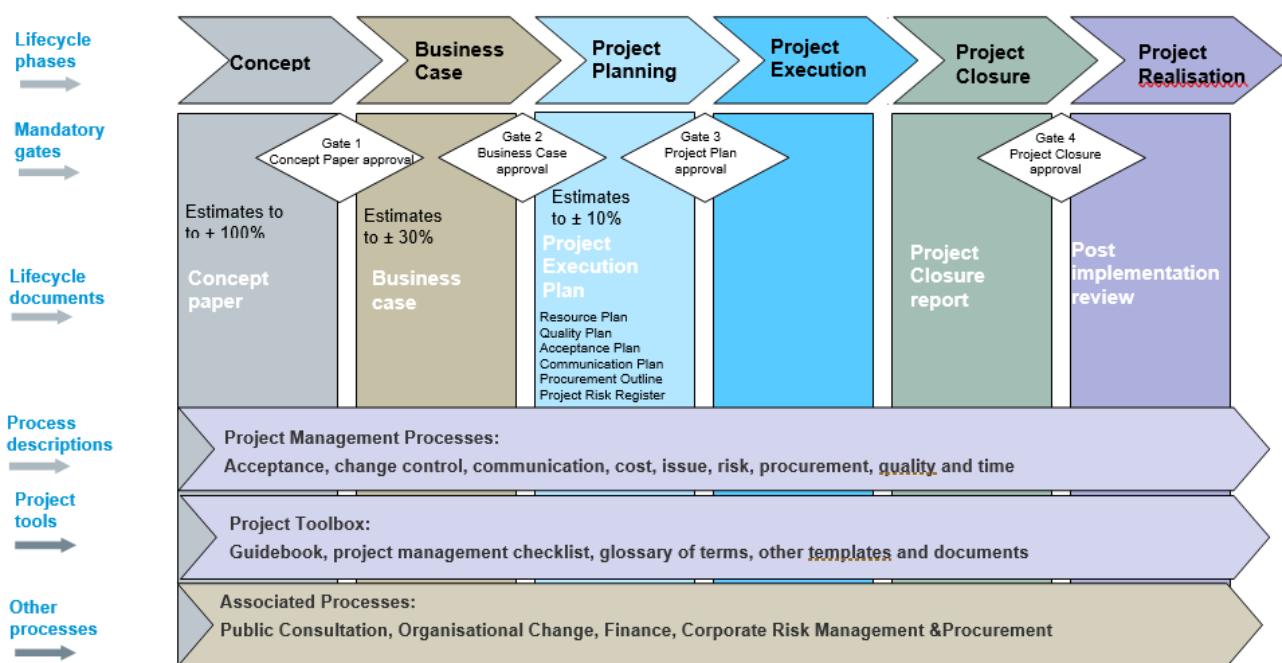
Key risks to delivery

- The volume of contract awards has increased and there is risk to delay if the correct paperwork and processes are not adhered to
- Hapu capacity and late engagement is causing delays
- Internal resource pressures continue to be a risk to timeframes

1 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.

2 Council Programmes

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

- Construction funding for Cafler Park Boardwalk has been secured within the Waka Kotahi Transport Choices programme and procurement has concluded, with a contract award recommendation pending signoff.
- Tender evaluated for design services for the Waterfront to City Centre Connection (John St) project, preferred supplier identified, and awaiting signoff of the contract award recommendation.

Key issues and opportunities

- Pūtahi Park has been named in the shortlist for the NZ Institute of Landscape Architects 2024 Landscape Architecture Awards in the Parks, Open Spaces and Recreation category. The winner will be announced on 17 May at the NZILA Gala Dinner.
- 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 Construction Start Date	Estimated Completion Date	RAG Status
Lover's Lane Bridge Replacement	Execution	Jul-23	Nov-24	Green
New bridge has been installed and is 99% 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 November 2024.				
Consultant/Contractor: Hawthorn Geddes/ CANAM				
Cafler Park – Raumanga Shared Path Boardwalk	Execution	May-24	Sep-24	Green
Four local contractors have been invited to tender for construction to reduce timeframes & meet Waka Kotahi funding agreement.				
Consultant/Contractor: Tender Closed Friday 22 March. Hawthorn Geddes/ TBC				
Waterfront to City Centre Connection	Execution	TBC	TBC	Green
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. Tender process undertaken with a contract award recommendation prepared and awaiting signoff.				
Consultant: TBC				

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 - Co-design with Te Parawhau and engagement with all stakeholders is ongoing. Project split into two stages – Stage One is Herekino St side and Stage Two is Port Roadside of Waiarohia Stream.
- 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 and is underway.

Key issues and opportunities

- Funding and alignment with NRC remain a concern for this programme. There is no funding proposed to continue this work 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 natural and 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	TBC	TBC	Green
Detailed design underway. Resource consent application and CIA completed. Stakeholder engagement ongoing. Herekino Street side from Hihiaua Cultural Centre to Port Rd to be tendered and 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	Green
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.				
Contractor/Consultant: Willands Consultants / Zealandia				
City Centre and Waiarohia Flood Mitigation	Concept	TBC	TBC	Red
Investigation of City Centre has been proposed as part of the 2024 Long Term Plan. Red as not confirmed until LTP is adopted.				

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.

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 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 safely link the destination playground and skatepark to the Bike Park.				

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

Concept and developed design for basketball and multi-use courts, multi-generational fitness equipment, furniture, picnic tables and shade trees being prepared internally. This will now be parked for future LTP considerations.

Transport Choices

We have construction funding for:

- Program WHGR02 – Kamo Shared Path Connections
- Program WHGR03 – Raumanga Shared Path Extension and CBD cycle parking
- Program WHGR04 – Whangārei City Bus Improvements

Key progress:

- Waka Kotahi have awarded implementation funding for all three.
- A number of projects within all three programs have commenced construction.
- Consultation on Kamo Road T2 Lane has been completed and its design is being finished.

Key issues and opportunities

- No significant issues
- Scope is being managed so that it is delivered within the CERF funding envelope.

Transport Choices Programme	Current Stage	Estimated Construction Start Date	Estimated Completion Date	RAG Status
Raumanga Shared Path Extension	Execution	Oct-23	Mar-25	
Alleyways has commenced Construction and Cafler Park Boardwalk is undergoing tender evaluation. Raumanga Shared Path Stage 4 to be procured in the latter part of this year. Raumanga South Slow Streets to commence construction in the latter part of the year.				
Kamo Shared Path Connections	Execution	Oct-23	Dec-24	
Shared path connections linking key parts of the community. Works in Kamo Village commenced in mid-November and are progressing at pace. Works on the Transport Choices part of this project may be completed this financial year. Works on Clark Road / Three Mile Bush Road started in January. Rugby Place to Tait Street is to be procured in the latter part of this year, subject to available funds.				
Whangarei City Bus Improvements	Execution	Nov-23	Dec-24	
Consultation on Kamo Priority Lane was completed in November. This included two drop-in sessions, media campaign, letter drops and online submissions. The detailed design from the bottom of Bank Street up to Moody Ave is being finalized, with final costing being completed. We plan to procure these works prior to the end of this financial year. The section north of Whau Valley lights has undergone detailed traffic modelling and may not proceed to construction due to availability of funds. Rose Street Bus Hub Stage 2. Procurement package complete. RC granted. BC lodged. Physical works are going to open market this month. 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. The Bus Shelter Upgrades project is approaching completion.				

3 Activity Portfolios

Parks & Recreation Portfolio

Projects are generally tracking well. Lake Waro and Tikipunga will be rescoped following feedback from Council and community and carried forward into the 2024 Long Term Plan.

Projects	Current Stage	Estimated Start Date	Estimated Completion Date	RAG Status
Tikipunga Sports Fields Upgrades	Business Case	TBC	TBC	
A business case is being developed to determine funding required to achieve an all-weather surface which will provide better value for money and outcomes for the community. Need confirmation from Council to proceed. Note that all budgets will need to be carried over into next financial year.				
Consultant: NZSTI, Stephenson and Turner, Arborlab, Hawthorn Geddes				
Ruakākā Sports Fields – 2x New Field	Construction	Mar-23	Apr-24	
The kikuyu turf is growing well with the aid of temporary irrigation. The construction (turf, drainage, and lighting) is complete. A public opening is being planned for May and the field will be used for this football season.				
Contractor/Consultant: TIC Contracting / NZSTI/ Vecta				
Onerahi Sports Fields Upgrades	Construction	Mar-24	Oct-24	
Upgrades to lighting, drainage, and irrigation. Contract awarded and construction has started.				
Consultant: NZSTI & Hoskin Civil Construction Contractor: Green By Nature				
Takahiwai Sports Fields Upgrade	Construction	Apr-24	Oct-24	
Upgrades to lighting, drainage, and hard-court surface. Drainage is installed. Hardcourt construction is scheduled to start in April. The lighting construction contract has been awarded.				
Consultant: NZSTI and Hoskin Civil Hardcourt Construction Contractor: Robinson Asphalt and Davco Electrical				
Ngunguru Seawall Renewal	Construction	May-24	Oct-24	
Consent application for tree works has been lodged. Agreement with Hapū on Cultural Impact Assessment has been finalised however it should be noted that there are still some outstanding concerns from another Hapū group. Resource consent to be finalised before construction starts – still expected start this financial year. Consultant: Hawthorn Geddes, Construction Contractor Clement Construction				
Tropicana Seawall Renewal/Upgrade	Post-Handover	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	Aug-24	Dec-24	
Consents approved. Procurement of civil contractor currently underway. Playground and toilet delivery due in 2024.				
Consultant: Arborlab, Vecta, Landform Consulting, Playco, Permaloo, Shade Systems				
Lake Waro Skatepark Upgrade, Hikurangi	On Hold	TBC	TBC	
Alternative skatepark location at Hikurangi sportspark. Skatepark design consultant to be engaged for new design. Red as we need formal Council support to change location and scope as part of the Issues & Options paper.				
Consultant: TBC				

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. Technical reports have been completed for the wetland and associated community facilities to understand the site constraints. Masterplan is being compiled. Resource consent applications are being prepared.				
Amber as Engineers Estimate to be updated with finalised scope so that the budget (funded through different sources) can be confirmed. Partial Better Off Funding				
Contractor/consultant: Morphum, Stellar Projects, Hawthorn Geddes, Geospatial Services				
Parua Bay Sports Field	Construction	Feb-22	May-24	
Construction is mostly complete, and the turf is growing in. A temporary irrigation system has been installed to aid the turf establishment. A public opening is being planned for May and the field will be used for this football season.				
Contractor/Consultant: Recreational Services / NZSTI/ Vecta				
Quarry Gardens Slip Retaining	Design	May-24	Sep-24	
Council have approved project and budget will be transferred from the Ruakaka Cemetery Land purchase budget. Noted that funding for the development of the Ruakaka Cemetery is included in the Draft 2024 LTP.				
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.				
Contractor/consultant: Hawthorn Geddes				
Wharf Road Wharf	Construction	Apr-24	Jul-24	
Following Council approval, the final design is being confirmed and negotiations with preferred supplier is being finalised.				
Contractor/consultant: TBC				

Flood Management & Stormwater

Generally activity is progressing well however Pacific Bay Road Stormwater project will be stopped following numerous attempts to find a way forward with residents.

Stormwater Minor Works	Current Stage	Estimated Construction Start Date	Estimated Completion Date	RAG Status
Hikurangi Repo Flood Scheme – Business Case	Business Case	May-23	Jun-24	
Junction gravity system under construction. Long list of options being shortlisted. Hydraulic model extended to the confluence with Mangakahia and options for flood mitigation being modelled. Presentation provided to NZ Wetland conference as part of their site visit. Technical reports under development to inform Economic Case, short-listing and evaluation of short-listed options.				
Better Off Funding				
Punaruku Russell Rd Flood Mitigation Bus. Case	Business Case	Jun-23	Jun-24	
Full business case review complete. Final reviews underway. Project update and summary of business case presentation for Te Kerearea planned for April. Amber as Business Case needs to be approved.				
Consultant: Synergenie. Better Off Funding				
Pacific Bay Road SW Improvement for flood mitigation	Detail design	Mar-24	Mid 24	
Condition assessment of the existing culvert is completed. Alternative solution developed – agreement with landowners unsuccessful. Project stopped.				
Kaka Street Flood Mitigation	Execution	Sep-24	May-25	
Funding agreement executed. Procurement process for design of preferred option underway, which is a pump system at the end of Rawhiti St. Road gate (to be closed when Kaka St flooded) has been designed and currently being reviewed by local business. External funding secured with completion date set for June 2025.				
Consultant: TBC				
Sorrento St Stormwater Pipe Upgrade	Execution	Apr 24	Jul 24	
Detailed design is complete and the tender has closed and is being awarded. Construction is planned to start in April 29.				
Consultant: Beca				

Wastewater Portfolio

Capacity increases and master planning is the current focus.

Major Projects - Wastewater	Current Stage	Estimated Construction Start Date	Estimated Completion Date	RAG Status
Whangārei WWTP New Admin Building	Business Case	Mid-24	Mid-25	
Building size agreed with operations. Business Case has been completed and cost estimate updated.				
Amber as Business Case needs to be approved. Additional funding to be allowed for demolition of existing building and asbestos removal. Procurement strategy expected to be complete end of May 2024.				
Whangārei WWTP Augmentation	Business Case	N/A	N/A	
Programme Business Case was delivered in mid Feb. Amber as Business Case needs to be approved.				
Consultant: GHD				
Ruakākā WWTP Upgrade	Planning	Mid-26	Late-29	
Options for plant upgrades and treated effluent disposal are being investigated. This is expected to provide sufficient growth capacity in the near and long term. The project has commenced with the start-up of Phase 1 – Initiation and Planning. The scoping and recommendation of on-boarding of primary resources is in process of being approved, on-boarding expected early May 24. Scoping and professional services procurement strategy expected to be completed by early June 2024.				
Consultant: TBC.				
Whangārei WWTP Odour Control	Execution	Mar-23	Mid-25	
Contract awarded. Construction underway.				
Consultant: Beca Contractor: United Civil				
WW Emergency Overflow Tank – Parua Bay	On Hold	Mar-24	Feb-26	
Project on hold. New information has come to light, potentially contradicting basic assumptions for this project.				
Further Investigations with Mott MacDonald are underway. EOI contractors have been informed of the developments and delay.				
Consultant: Mott MacDonald				
WW Rising Main Renewal Kioreroa Road	Execution	Feb-24	Dec-24	
The contract has commenced, with the contractor ordering long-lead materials, completing, submitting pre-establishment documentation, and Traffic Management Plans for approval. Site works have commenced early April 2024 with services and alignment investigations.				
Consultant: Hoskin Civil; Contractor: United Civil Construction.				
Hikurangi WWTP – Modular Plant & Inlet Screen	Execution	Early 21	Jul-24	
Automation work is still ongoing – working to resolve modbus issue with automated anolyte dosing. Currently working on providing a response to NRC's proposed conditions for the resource consent that we have applied for to remove sludge/vegetation from existing wetland for disposal to site.				
Consultant: Aquaero				

Consenting Projects - Wastewater	Current Stage	Estimated Completion Date	RAG Status
Whangārei WW Network Discharge Consents	Execution	N/A	Jun-25
<p>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.</p> <p>The Whangārei Wastewater network model system performance reporting (separate project) has been submitted. The model will help to quantify the extent of the wet weather overflows, and to inform the assessment of effects required to support the NDC consent application.</p> <p>A hapū working group is proposed to be set up and advice from the Māori Outcomes team has been provided confirming the hapū to be invited to this working group. This will commence following acceptance of the Consenting Strategy which is due to be finalised 1 April 2024 (draft strategy has been submitted).</p> <p>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.</p> <p>The NRC has been kept informed of Council's programme to submit this consent application.</p> <p>Consultant: Mott MacDonald</p>			
Portland WWTP Resource Consent Renewal			
<p>Existing NRC consents authorising the discharge of treated effluent were due to expire on 31 May 2024 (note that Council may continue to operate under the existing consents until the new consents have been granted and all appeals, if any, are determined).</p> <p>The application for renewal consents has been lodged with the NRC. The NRC has accepted the application and will seek further information from Council if required. The NRC is yet to confirm whether they will publicly notify the application.</p> <p>A site visit with the NRC officer responsible for processing the application has been undertaken. The NRC officer has not requested any further information or clarifications at this stage</p> <p>Consultant: Beca</p>			
Tutukākā WWTP Resource Consent Renewal			
<p>Existing NRC consents authorising the discharge of treated effluent were due to expire on 31 May 2024 (note that Council may continue to operate under the existing consents until the new consents have been granted and all appeals, if any, are determined).</p> <p>The application for renewal consents has been lodged with and accepted by the NRC. The NRC is yet to confirm whether they will publicly notify the application.</p> <p>A site visit with the NRC officer responsible for processing the application has been undertaken. The NRC officer has sought some clarifications, and the information has been provided.</p> <p>Consultant: Beca</p>			

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 is underway. It is anticipated that construction at both sites will commence this financial year. The Porotī 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	Tender	Apr-24	Dec-24	
Land purchase, easement agreements, detailed design and consenting are complete. Engagement with hapū is ongoing. Contract award approved by Council.				
Consultant: Vecta				
Kamo Reservoir (Dip Road)	Tender	Apr-24	Oct-24	
November 2023 hapū meeting to discuss project and cultural approach. February 2024 hapū meeting prior to award of the contract. The physical works contract was awarded in March 2024. Communications ceased from Onoke Heights Ltd (they had previously agreed to take excavated fill) and alternatives are being investigated.				
Consultant: Tonkin and Taylor & Vecta, Contractor: Steve Bowling Contracting				
Porotī Water Treatment Plant	Design	TBC	TBC	
Detailed design draft complete. RAG status is RED as project team cannot progress project until Council direction is determined with regards Hapū expectations. A workshop (Te Karearea)was held in April ahead of a Council meeting. Council Meeting to approve the creation of a Working Group to facilitate an agreement with Hapū.				
Working to address hapū and irrigation concerns before lodging consent. Negotiating with hapū on scope of CIA.				
Consultant: Beca				

As directed by the Ministry of Health this fluoridation programme involves the installation of fluoride dosing equipment to meet Ministry deadlines between July 2024 and 2026.

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: Off-site fabrication of electrical & control cabinets continues. Site works expected in early May 2024, with commissioning to commence end of June 2024.				
Consultant: Beca Contractor: Bellcon Ltd				
Ruddell's Water Treatment Plant	Construction	Dec-23	Jul-24	
Construction Phase: Off-site fabrication of electrical & control cabinets continues, civil site works, concrete pipe channel and building works are expected to be completed end Apr, early May 2024, with commissioning to commence end of July 2024.				
Consultant: Beca Contractor: Bellcon Ltd				
Bream Bay Water Treatment Plants	Construction	Feb-24	Sep-24	
Construction Phase: Off-site fabrication of electrical & control cabinets has commenced, Tank foundations and bunding at Ruakaka Treatment Plant is complete, with civil works on spillway, road widening and access footpath has				

commenced with concreting and asphalt to be completed end of Apr - early May. Establishment on Ahuroa Water Treatment Plant expected early May 2024, with commissioning expected to commence in Sept 2024

Consultant: Beca Contractor: Bellcon Ltd

Poroti Water Treatment Plant	Execution	End-24	End-26	
-------------------------------------	-----------	--------	--------	--

This will be delivered as part of the overall treatment plant upgrade works.

Fluoridation Construction Photos

Ruakaka Water Treatment Plant



2024.04.18 Accessway



2024.04.18 Spill Way

Ruddell's Water Treatment Plant



24.04.18 Ruddells Tank Building 2



24.04.18 Ruddells Dosing Point Manhole 1

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	Jun-24	
Roundabout construction complete. Remaining works are pedestrian crossings and Kiwirail signals, barrier, and gates, which was activated in mid-April. Coordination between pedestrian signals and Kiwirail signals is expected to be complete by June. The Kiwirail signal approval process is taking a long time. A dawn blessing and opening ceremony for the roundabout was held on Monday 15 April. 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	
Extension of shared path from Fisher Terrace through to Farmer Street. Construction is progressing well.				
Contractor: Ventia				
Kamo Shared Path 5B	Construction	Nov-23	Jun-24	
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				
Raumanga Traffic Calming	Construction	Oct-23	May-24	
Works on hold to focus while Onerahi Traffic Calming is finished. Site is all opened up and traffic management in place.				
Contractor: ACL				
Onerahi Traffic Calming	Construction	Oct-23	May-24	
Works underway again after being on hold to focus on Three Mile Bush Road during school holidays. Contractor: ACL				

Photo Wall – Transport

	
<p><i>CON21015 Port Kioreroa Roundabout – Signals and barrier arms at Kioreroa Rd rail crossing</i></p>	<p><i>17085 Rd Mtce & Renewal Nth - Knight Rd seal extension</i></p>
	
<p><i>CON22054 Kamo Shared Path Village – Switch back construction</i></p>	<p><i>CON20038 Kamo Shared Path – From the rail bridge North to rail crossing</i></p>
	
<p><i>CON22086: Aponga, White and Paparoa Road Culvert Replacement – Construction of temporary crossing at Paparoa.</i></p>	<p><i>CON22086: Aponga, White and Paparoa Road Culvert Replacement – Stored culvert units for Paparoa.</i></p>

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.	\$3.6mil including WDC co-funding	June 2026

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	May-24	Green
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	In progress	Aug-22	Jun-24	Green
Practical completion has been signed off for the bus area and toilets. Visitor information point planning underway. Consultant: Isthmus Contractor: Robinson Asphalts				
Restoring the Mauri of Matapōuri Stg 1	Execution	Nov-22	Dec-24	Green
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 mid-2024. Contractor/Consultant: Synergenie / WCTNZ				

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.

Infrastructure Acceleration Fund Programme	Current Stage	Estimated Construction Start Date	Estimated Completion Date	RAG Status
Springs Flat Roundabout & Approach Roads	Execution	Dec-24	Jun-26	
The detailed design is approximately 70% complete and the planning assessments are nearing completion. Flood mitigation has been designed and is currently being remodelled to confirm that the project has no impact on flood levels.				
The purchase of two properties have been completed and another property purchase is currently in the process of being settled. Further land negotiations are ongoing.				
The Northern Growth Area Business Case and spatial planning project has commenced to try and address the hapū's concerns with the opening of the land to the north for development (3,000+ houses). 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 continuing utilising the ground survey information.				
Consultant: JAS Civil. Contractor: TBC				
Gillingham Road Bridge Replacement	Execution	Aug-24	Apr-25	
The detailed design 99% complete and the planning assessment is completed. The project is being put on hold while the Northern Growth Area Business Case is undertaken to address hapū's concerns. Amber risk due to need to align with hapū engagement. A six-month time extension for this element of the project has been negotiated with Kainga Ora.				
Consultant: WSP Contractor: TBC				

Procurement Activity

Market Conditions

Starting to see increased competition in the industry as pipeline of work is starting to reduce in other areas. This is resulting in increased tenders and greater price tension.

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.

Procurement Pipeline

A draft three-year programme has been issued to the CCNZ Exec. This includes an indicative Procurement Strategy for Professional Services and Physical Works.

The National Infrastructure Pipeline information has been updated in March.

6.2 Procurement Strategy Review

We are reviewing our approach to Procurement and seeking to drive efficiencies across our work programme. We are 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> <p>Bundle of safety projects approved – end date of financial year</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	More work to do here.

costs can reflect what is really needed	Noted that the move to NZ3910: 2023 Contracts prioritises Construction Drawings over Specifications which will help 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 Emergency Works to be procured through a Design and Construction Panels. The Primary Procurement will put in place the rules that will streamline getting the work to market quicker along with a proposal to seek greater delegations for GM's to speed things up
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.

Infrastructure Group
Planned Physical Works Procurements - 12 Month Programme

As at end March
2024

Instructions: Copy to a new tab for each monthly update



Department	Project	Delivery Team	Physical Works Procurement Timing (estimated)	Amount	Description of Physical Works for Tender	Tender Status	Tender approach	Update
Infrastructure Programmes	Parua Bay Skatepark	Major Projects	Jun-24	\$100k-\$500k	New skatepark	Design	Direct negotiation with a local contractor	Construction drawings are complete, preparing to lodge consent
Infrastructure Programmes	Whangarei WWTP Administration Building	Major Projects	May-24	\$3.5-\$4m	New administration building at Kioreroa Rd wastewater treatment plant after asbestos removal	Design	Open tender on tenderlink	Preliminary design to be completed and cost estimate updated.
Infrastructure Programmes	Quarry Gardens Lower Slip Wall and Stream Works	Major Projects	May-24	\$100k-\$500k	Construct precast concrete wall, stormwater culverts and rock revetment within the stream.	Design	Open tender on tenderlink	Budget not yet allocated
Infrastructure Programmes	Quarry Gardens Rock Anchoring Slip Retaining	Major Projects	May-24	\$100k-\$500k	Construct rock anchor wall.	Design	Closed tender	Budget not yet allocated
Infrastructure Programmes	Lake Waro skatepark	Major Projects	Sep-24	\$100k-\$500k	Skatepark construction experience and concrete finish important	Design	Closed tender (2 invited tenderers)	Paused - Moving the skate park to the sports park is causing a re-design and a delay to procurement
Infrastructure Programmes	Oakura Sports Fields and Wetlands Enhancement	Major Projects	Nov-24	>\$1m	Playground, Hardcourts and Sportsfields	Design	TBA	
Infrastructure Programmes	Poroti Water Treatment Plant Upgrade	Major Projects	Jul-24	>\$10m	Uncertain timing. Upgrade of Poroti WTP (value in the order of \$20 million plus pending design confirmation)	Consent	Open tender on tenderlink	Conditional on RC & iwi Agreement/Approval, out for tender Feb - April, 2024
Infrastructure Programmes	Rose Street Bus Hub Upgrade	Major Projects	May-24	>\$2m	Bus terminal demolition, new build and associated landscaping.	Consent	Open tender on tenderlink	Design complete, preparing to lodge consent
Infrastructure Programmes	Cafier Park Boardwalk Link Physical Works	Major Projects	Mar-24	\$100k-\$500k	Path and boardwalk linking Lovers Lane Bridge to Second Ave as part of connecting the Raumanga Shared Path	Tender Closed	Closed tender	Tender Evaluation underway
Infrastructure Programmes	Parua Bay Wastewater Storage Tank	Major Projects	TBA	>\$6.5m	Whangarei Heads storage tanks - tendering in EOI stage. Design and construction 1500m3 of additional emergence at Paura Bay Pump Station	Tender Paused	Open tender on tenderlink	Paused - Further modelling information requires reassessment of the design
Infrastructure Programmes	Three Mile Bush Reservoir	Major Projects	Feb-24	>\$1m	2x new timber tanks, new pump station and associated pipework	Tender Closed	Open tender on tenderlink, single stage, LPC	Contractors site visit completed
Infrastructure Programmes	Onerahi Airport Sports Field Development	Major Projects	45323	\$500k-\$1m	Drainage and lighting upgrade	Awarded	Open tender on tenderlink	Construction starting in March
Infrastructure Programmes	Raumanaga Valley playground, toilets, services and paths	Major Projects	Feb-24	\$100k-\$500k	Civil works to support playground and toilet. Including stormwater, wastewater, water, power, footpaths, natural play elements and planting	Tender Closed	Closed tender (3 invited tenderers)	Tender Evaluation underway
Infrastructure Programmes	Tikipunga sand field and lighting	Major Projects	Nov-23	\$500k-\$1m	Sand sports field and training lights	Tender closed	Open tender on tenderlink	Currently working on budget issues and awaiting council decision
Infrastructure Programmes	Takahiwai sports park upgrade	Major Projects	Feb-24	\$100k-\$500k	The drainage has been completed. The hard court has been awarded and will start in April. Lighting tender has recently closed.	Awarded	Open tender on tenderlink	Awarded
Infrastructure Programmes	Sorrento Street Stormwater renewal	Major Projects	Feb-24	\$500k-\$1m	New concrete SW line in carriageway, new manholes and cesspits	Tender closed	Open tender on tenderlink - 2 stage process	Tender stage two closed, evaluation underway
Infrastructure Programmes	Kamo (Dip Rd) Reservoir Additional Capacity	Major Projects		>\$5m	New 4,500m³ concrete tank, concrete pile retaining wall and associated pipework	Awarded	Open tender on tenderlink, single stage, PQM	Currently finalising alternative design details - Construction starting April
Infrastructure Programmes	Fluoridation of Water Treatment Plants	Major Projects		\$4.5m	Install and commission Fluoridation dosing facilities to Whau Valley, Poroti, Ruddles, Ruakaka and Ahuroa Water Treatment Plants. Whau Valley first, then Bream Bay.	Awarded	Open tender on tenderlink	RFP in Evaluation, Award Sept 2023
Infrastructure Programmes	Raumanga Stream Rehabilitation	Major Projects		\$500k-\$1m	Weeding and planting of Raumanga Stream banks between SH1 and Bernard St bridge	Awarded	Direct negotiation with a contractor	Contract awarded to Wildlands
Infrastructure Programmes	Kioreroa Rd WWTP upgrades - Odour Control	Major Projects		\$7.8m	Odour control	Awarded	Open tender on tenderlink	Awarded
Infrastructure Programmes	Kioreroa Rd Rising Sewer Mains	Major Projects		>\$5m	Renewal of 2x sewer mains (approximately Ø800 x 1,000m and Ø710 x 600m)	Awarded	Open tender on tenderlink, single stage, PQM	Contract Awarded to UCCL
Three Waters	Ngunguru Road watermain upgrade	Water Services	Jul-24	\$500k-\$1m	Replacement of approx 1000m of AC watermain between 50mm DIA and 300mm DIA - Package	Design		Design complete but no budget
Three Waters	Whangarei Network Watermain Renewal programme	Water Services	Sep-24	>2.5m	Replacement of approx 500m of CI watermain between 50mm DIA and 300mm DIA - Package	Design	M&O Contracts	To be delivered through the Maintenance & Operations Panel
Three Waters	Union East Street watermain replacement	Water Services		\$100k-\$500k	Replacement of approximately 500m of AC watermain between 50mm DIA and 200mm DIA	Awarded	Open tender on tenderlink	Awarded to Northdrill/Watco
Three Waters	Tikipunga Sewer Capacity Renewal Project	W&D	May-23	\$500k-\$1m	Rehabilitation of approx. 1.6 kms sewer mains in Tikipunga	Awarded	Open tender on tenderlink	Construction ongoing
Transport	Spring Flat Roundabout	NTA	Dec-24	\$8-12m	New roundabout construction on SH1 with road extensions to Springs Flat Road and Alcoba Street. Includes some shared path construction and a signalised crossing on SH1.	Design	Open tender on tenderlink, single stage, PQM	Design underway
Transport	Gillingham Road Bridge Replacement	NTA	Aug-24	\$5-7m	Replacement of the existing bridge with a new concrete two lane, single span bridge. Bridge includes shared path.	Design	Open tender on tenderlink, single stage, PQM	Design underway

6.3 Infrastructure Operational Report – March 2024

Meeting: Infrastructure Committee

Date of meeting: 9 May 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 March 2024 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 March 2024.

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 – March 2024

Infrastructure Committee

Operational Report

March 2024

Infrastructure Monthly Operational Report

Reporting Officer: Jim Sephton (General Manager Infrastructure)

Meeting Date: 9th May 2024

Contents

1 Executive Summary	4
2 Health and Safety	5
3 Wastewater	7
3.1 HEALTH & SAFETY	7
3.2 CUSTOMER REQUESTS AND FEEDBACK	7
3.3 NETWORK PERFORMANCE	8
3.4 RETICULATION	8
3.5 CONTRACTOR PERFORMANCE.....	8
3.6 KEY ACTIVITIES IN THE LAST MONTH.....	ERROR! BOOKMARK NOT DEFINED.
3.7 SIGNIFICANT RISKS AND ISSUES	8
3.8 PERFORMANCE MEASURES AND COMPLIANCE.....	9
4 Stormwater and Hikurangi Land Drainage Scheme	10
4.1 HEALTH & SAFETY	10
4.2 CUSTOMER REQUESTS AND FEEDBACK	10
4.3 NETWORK PERFORMANCE	10
4.4 CONTRACTOR PERFORMANCE.....	10
4.5 KEY ACTIVITIES IN THE LAST MONTH AND NEXT MONTH	10
4.6 SIGNIFICANT RISKS AND ISSUES	11
4.7 PERFORMANCE MEASURES AND COMPLIANCE.....	11
5 Laboratory	12
5.1 KEY ACTIVITIES IN THE LAST MONTH.....	12
5.2 SIGNIFICANT RISKS AND ISSUES	12
6 Water Services	13
6.1 HEALTH & SAFETY	13
6.2 CUSTOMER REQUESTS AND FEEDBACK	13
6.3 NETWORK PERFORMANCE	13
6.4 KEY ACTIVITIES IN THE LAST MONTH.....	15
6.5 SIGNIFICANT RISKS AND ISSUES	15
6.6 PERFORMANCE MEASURES AND COMPLIANCE.....	16
7 Transportation	18
7.1 HEALTH & SAFETY	18

7.2	CUSTOMER REQUESTS AND FEEDBACK	20
7.3	KEY ACTIVITIES	23
7.4	CONTRACTOR PERFORMANCE.....	33
7.5	SIGNIFICANT RISKS & ISSUES	35
7.6	PERFORMANCE MEASURES AND COMPLIANCE.....	36
8	Solid Waste	37
8.1	HEALTH & SAFETY	37
8.2	CUSTOMER FEEDBACK	37
8.3	NETWORK PERFORMANCE	37
8.4	CONTRACTOR PERFORMANCE.....	37
8.5	KEY ACTIVITIES IN THE LAST MONTH.....	38
8.6	PERFORMANCE MEASURES AND COMPLIANCE.....	38
9	Parks & Recreation	39
9.1	HEALTH & SAFETY	39
9.2	CUSTOMER REQUESTS AND FEEDBACK	39
9.3	NETWORK PERFORMANCE	39
9.4	CONTRACTOR PERFORMANCE.....	39
9.5	KEY ACTIVITIES IN THE LAST MONTH.....	40
9.6	SIGNIFICANT RISKS & ISSUES	45
9.7	PERFORMANCE MEASURES AND COMPLIANCE.....	46

Executive Summary

This is the Infrastructure Operations Report for February 2024.

Health & Safety – we had one incident on the Kotuitui Whitanga footbridge, where a member of the public was injured. Report has been completed and lessons to be learnt in terms of how we plan for changing conditions as part of temporary works will be taken on board.

Wastewater – There were no spills during February. Waste & Drainage Contract concludes in November 2024 and Council Paper on options for extension/retendering being prepared.

Hikurangi Land Drainage Scheme – New flood gate to be installed at Junction station to improve flood discharge capacity and the possibility of retiring the pocket's pumpstation.

Laboratory - Routine sampling and testing continues, no significant issues.

Water Services - The dry start to the year is beginning to impact on operations. Staff have been reducing use of the Whau Valley dam and increasing use of other sources to ensure the dam remains at a reasonable level over winter.

Transport - End of March signals the conclusion of the sealed pavement season and the onset of preparations for winter conditions. Road maintenance operations have been active in addressing key priorities and challenges. Despite facing difficulties, including safety concerns and budget constraints. Key Achievements:

1. Improved Health & Safety Performance: The North Area has shown improvement in Health & Safety performance, with reductions in lag measures such as traffic management audit scores and incidents. This underscores the team's dedication to prioritizing safety amid challenging conditions.
2. Refreshed approach to inspections: The North Area team have rephased their inspection delivery schedule to take a more geographic approach in efforts to streamline inspection outputs in the routine works space, which should yield improved response times, and more time on ground rather than "hopping" around the network.
3. Completion of Sealing Operations: The South Area has completed the majority of sealing works, marking the end of the traditional construction season. Additionally, the completion of SH1 detour works ahead of the Brynderwys closure demonstrates successful efforts to maintain essential routes and manage ongoing maintenance levels effectively.

Solid Waste – The team have been busy promoting and communicating the national standardisation of kerbside recycling services which came into force on the 1st of February. Although the changes for our district were relatively minor there were a number of queries from residents to respond to.

Parks & Recreation – March saw the continuation of the aggregate replacement program on our walking tracks after the high loss levels from cyclone Gabrielle. Helicopter operations to drop aggregate on the Western Hills took place and renewals to tracks completed.

Staff are currently developing an internal process around managing applications under the newcoastal erosion policy. Additional resources have been bought on to respond to coastal queries. Work with residents in Whangamu Bay and One Tree Point, (Karoroa Rd) is ongoing to help develop options for erosion risks to their properties.

Health and Safety

Statistics for the Infrastructure Group – March 2024

Type of incident	Employee reported incidents	Contractor reported incidents	Member of the public reported incidents in our workplaces
WorkSafe notifiable incident	0	1	0
Lost time injury (LTI)	0	2	0
Medical treatment injury (MTI)	0	1	0
Minor injury	0	3	0
Pain and discomfort report	0	0	0
Stress and fatigue	0	0	0
Incident – Occupational health exposure	1	0	0
Incident – Near Miss high risk potential	0	3	0
Incident – Near Miss low risk potential	0	0	0
Incident - Property Damage	0	2	1
Incident – Vehicle related	1	1	0
Incident – Security – Aggressive person	3	0	0
Incident – Security - Other	0	0	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	0	0
Success celebrated		1	

Employee incidents

The occupational health exposure occurred when water dripped out from the sealed ceiling at the wastewater treatment plant, where there is known friable asbestos. The risk would have been very low.

Contractor incident explanations:

Kotuitui Whitanga Incident

The Worksafe notifiable event, *that was also reported in the Northern Advocate*, occurred on the Kotuitui Whitanga bridge, which is part of the town basin loop, over the Hatea River. A piece of the ‘scrim’¹ attached to the bridge structure, while maintenance work was underway, became suddenly loosened from the attached structure, due to high winds and struck a person walking past.

A full internal investigation has taken place and with agreed actions now finalised (April 24).

The Mayor and several senior staff met with the injured person and family to discuss how this occurred.

¹ Scrim is a material used in the construction industry to protect the work from others and attached to structures such as scaffolding.

An industry safety alert will be sent out about considering wind as a hazard in such a situation and a health and safety guideline is to be developed on managing the set up of temporary barriers on walkways, which will be then provided to contractors.

One of the lost time injuries involved a rubbish pick up runner who got a bad cut from something sharp sticking out of a rubbish bag. Another strained his shoulder after repetitive movement of swinging up recycling items.

One contractor near miss incident involved a grinding disk flying off at speed. The expiry date of the disk had not been checked and was out of date. Fortunately, no one was hurt.

Note – not all our contractor's incidents have been received at the time of writing this report.

1 Wastewater

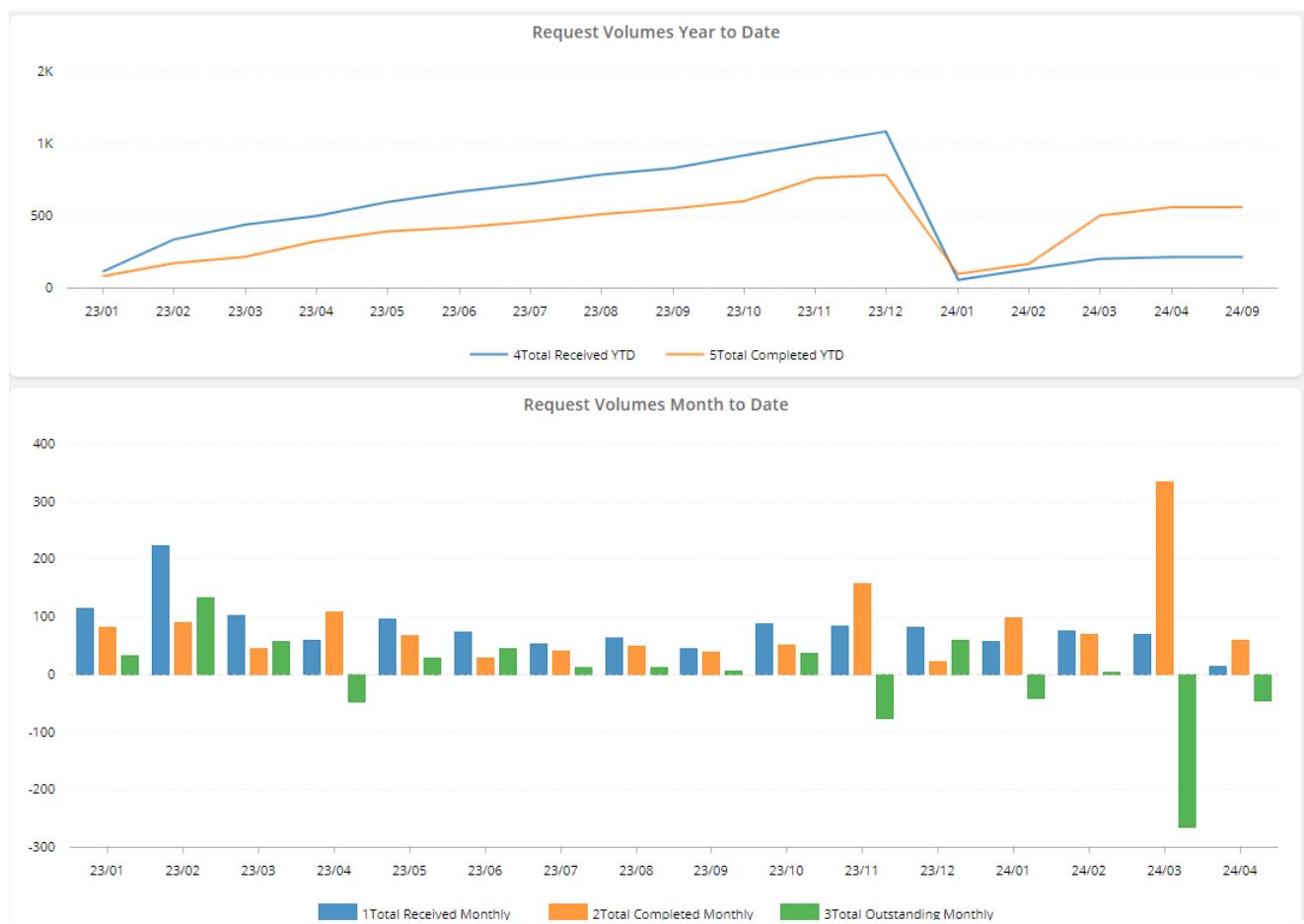
Health & Safety

All operations staff received certificates for chemical handling. Electrical equipment test and tag completed. Team to review hazchem audit and provide gas tank as-builts. H&S audit of the main admin building completed.

Customer requests and feedback

As can be seen below, a number of old Requests were Bulk closed. These were mostly Requests that had already been attended to, but the administrative side of things had not been taken care of – largely due to the contractor being inundated by number of requests following cyclone Gabrielle.

A message along the lines of “*If the matter you contacted us about is still unresolved, or if you would like more information regarding your request, please do not hesitate to contact us directly via AskWasteAndDrainage@wdc.govt.nz*” was sent out with each closure.



Network Performance

Whangārei Wastewater Treatment Plants (WWTP)

In the first week of March there was a spike of 14,489m³ with a corresponding rainfall of 19.3mm. After that the inflow remained steady between 10,000m³ and 12,200m³ per day.

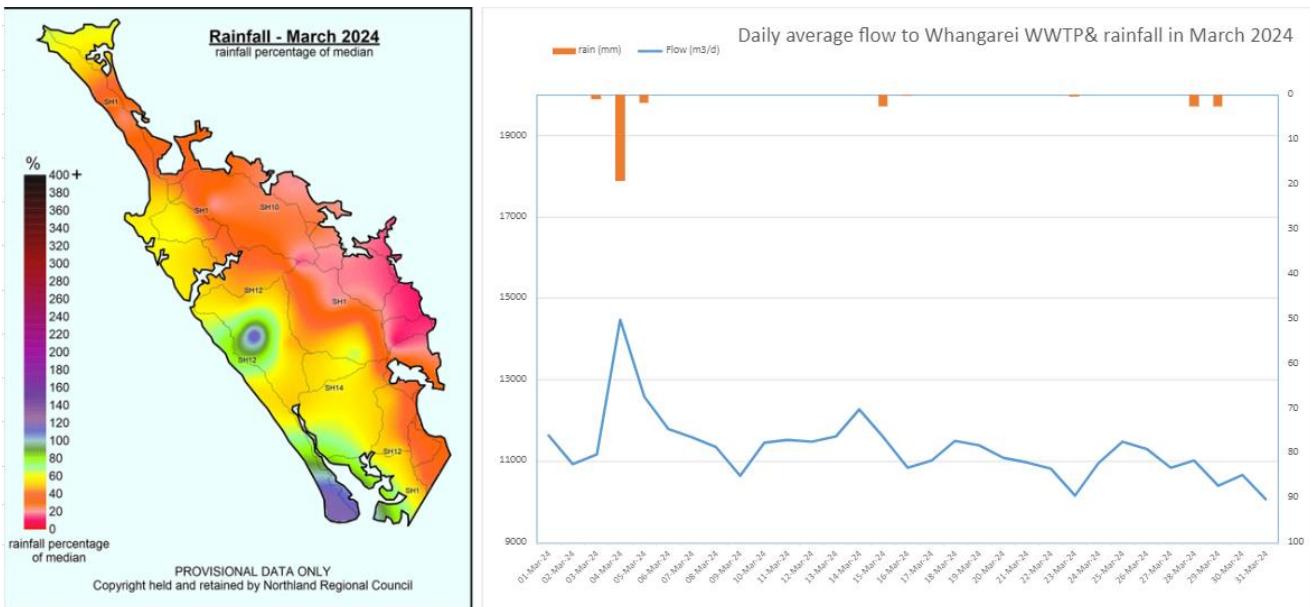


Figure 1: NRC image depicting the percentage of normal rainfall daily average flow in Whangārei WWTP in March 2024

Reticulation

There were no spills to waterways in the March 2024 period.

Contractor Performance

We continue to work with our contractor to ensure that reporting is timely and accurate. This is a work in progress and as a result, the Performance measures have not been updated this month. There are also internal system issues that need to be worked through to allow reporting to be done.

Whangārei Wastewater Treatment Plants (WWTP)

Thickener 1 pumped down and fat chunks removed that were causing a partial blockage. Primary clarifier 1 pumped down and inspected, no issues identified. Slew ring replaced Trickle Filter 4, mercury checked next day. Archimedes screw gearbox mount worked loose now that coupler has been welded, new cable to be ordered so spare gearbox can be installed. RAS pump 1,2 yearly inspection completed, no issues. Blend tank high level alarm failed to activate, Henwood electrical to investigate.

Oakura - Summer peak tank pumped out.

Tutukaka - Tutukaka UV's cleaned.

Waipu - Waipu RIB cleaning completed.

Ngunguru - Ngunguru UVs cleaned.

Ruakaka - Ruakaka wetland 2 filled and rafts installed.

Significant Risks and issues

NRC issued an Infringement notice due to smell from milk fermented products received from septic contractors received from Puihoi Cheese, and Fresh Valley. WDC planned to prohibit disposal of these dairy waste products at our plant. However, with huge economic impact to these business' and no other alternative environmentally friendly practices to dispose milk product to land, we have permitted this activity. WDC also updated NRC that odour control project has been awarded and expected completion date in mid 2025

Performance Measures and Compliance

The performance measures will be updated and reported on next month.

2 Stormwater and Hikurangi Land Drainage Scheme

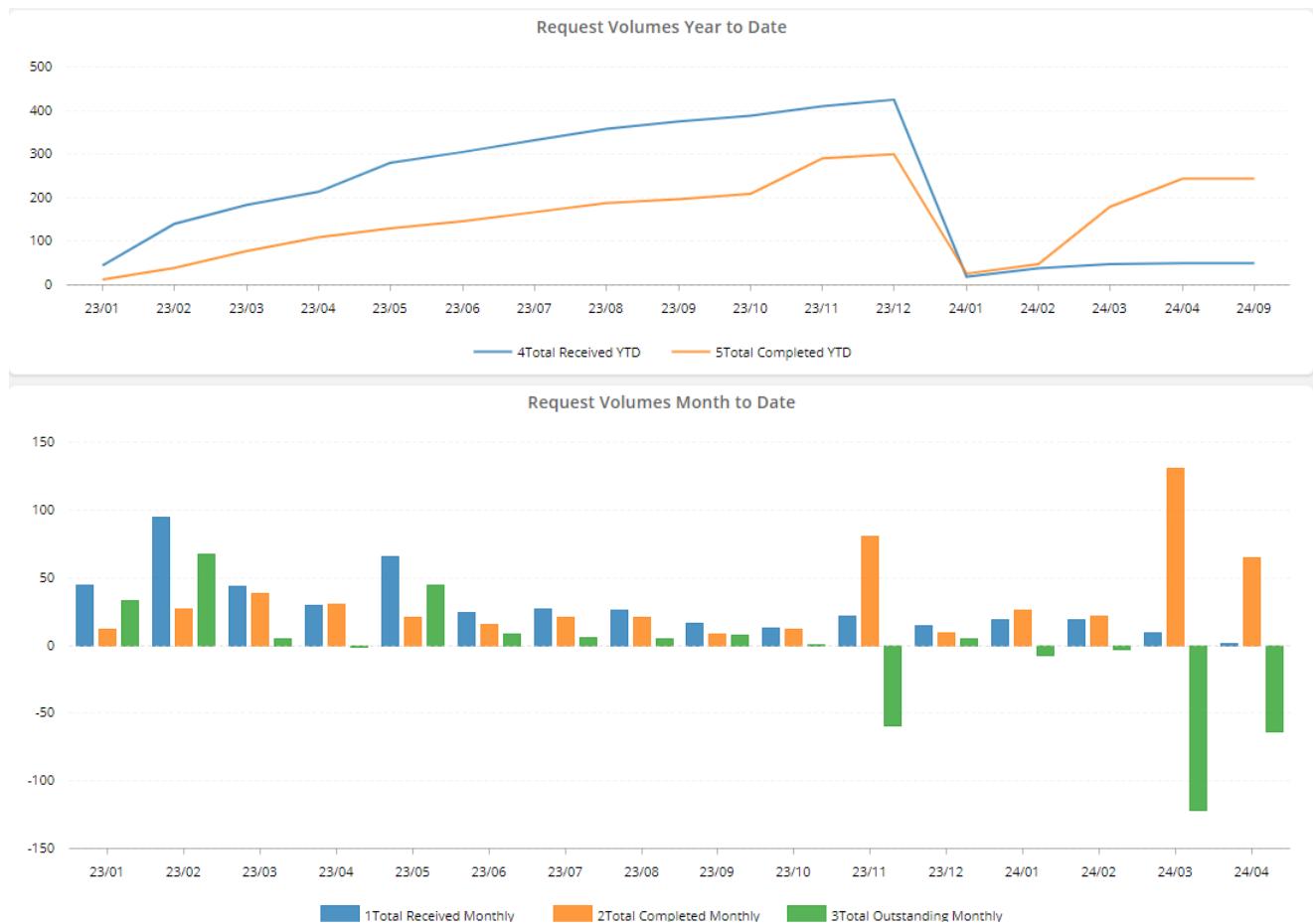
Health & Safety

No issues identified.

Customer requests and feedback

As can be seen in the graph on the next page, a number of old Requests were Bulk closed. These were mostly Requests that had already been attended to but the administrative side of things hadn't been taken care of – largely due to the contractor being inundated by number of requests following cyclone Gabrielle.

A message along the lines of "*If the matter you contacted us about is still unresolved, or if you would like more information regarding your request, please do not hesitate to contact us directly via AskWasteAndDrainage@wdc.govt.nz*" was sent out with each closure.



Network Performance

No issues identified for the month.

Contractor Performance

See section 3.5.

Key activities in the last month and next month

- Wells replaced power meters swamp pumps Jordan Valley Road.

Significant Risks and issues

No issue identified.

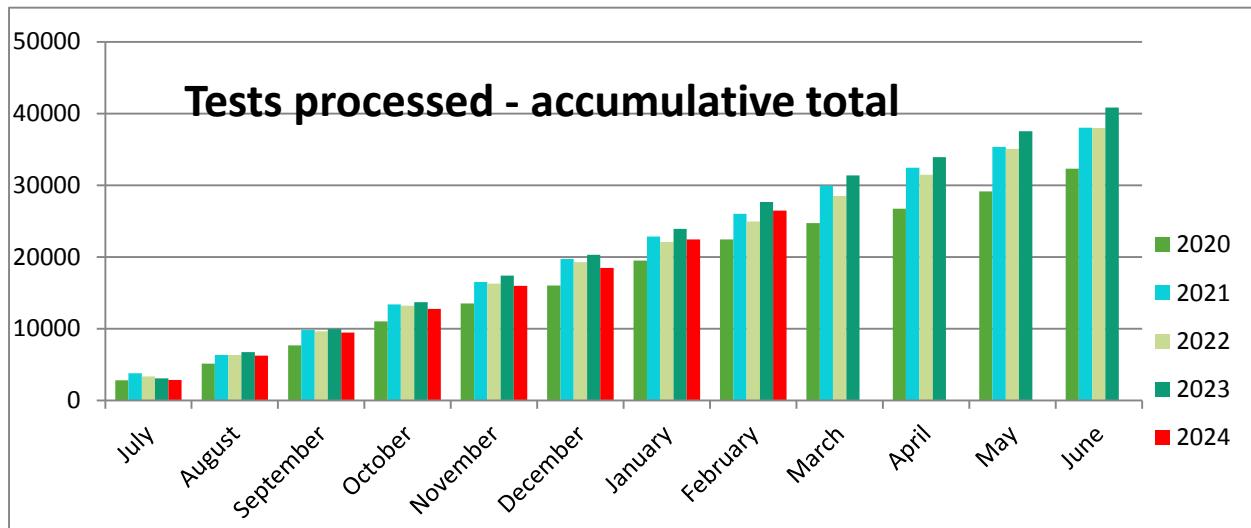
Performance Measures and Compliance

These performance measures will be updated next month.

Laboratory

Key activities in the last month

In February 2024, 865 samples were analysed for 4034 tests; 51% of testing was completed and reported within five days.



The swimming season is ending for many of our customers, while drinking water quality testing continues to be requested.

Quality control activities, required as part of good laboratory practice and to support IANZ accreditation continue to be performed with acceptable results. This gives continuing confidence in laboratory results and general performance.

Significant Risks and Issues

No new risks have been identified.

Water Services

Health & Safety

During the last month the following health and safety activities occurred

H&S Item	Internal	Contractors
Number of Health and Safety Incidents	0	1
Number of Audits undertaken	2	2
Number of issues raised	0	0

The incident was a ground maintenance contractor who rolled their ankle whilst weed eating. They were taken to White Cross and experienced slight bruising but no major damage.

6.2 Customer requests and feedback

Over the last month no complaints or compliments were received.

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	Pass	Pass

Distribution compliance

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

In March we completed the annual compliance report for the Taumata Arowai Water Quality Assurance Rules. We also completed an external Audit of the rules to provide independent confirmation of the results. All areas fully met the rules except for some of the requirements for source water sampling. It appears that there was a scheduling issue at the laboratory which resulted in some sampling being missed. The lab is investigating obtaining some software that is able to schedule the sample runs as well as flagging missed samples to avoid non compliances.

Rainfall

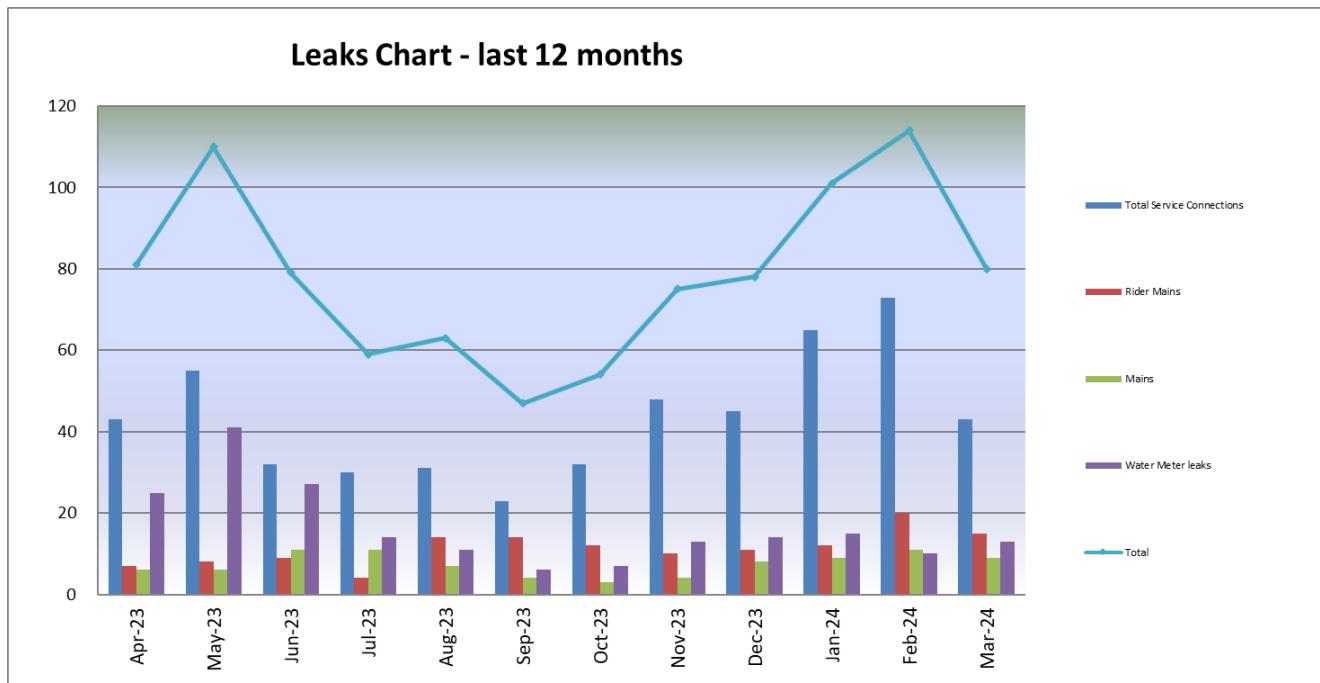
Another dry month with only 32mm of rain falling in at the Whau Valley Dam during March. For the first three months of the year, we have had only 97mm of rain compared to an average of 348mm and last year's record total of 1,021mm. The lack of rainfall has seen the Whau Valley Dam drop to 69% by the end of March. This is below the average for the time of year of 81%. Wilsons Dam as finally stopped filling and now sits at 98% full as there is significantly less demand in Bream Bay without the refinery. The long-range forecast for the next few months indicates below normal or below normal rainfall with an El Niño weather pattern beginning to ease. Our groundwater and spring sources remain at good levels but some of the rivers have significantly reduced flows. We remain in a reasonable position as we head into Autumn. However, if the dry weather continues, we may have to consider asking users to voluntarily conserve water sometime in May

As a result of the continuing dry weather there has been steady use of tanker water deliveries during March. The average daily volume of water delivered was 232m³, down slightly from 259m³ in February. This equates to an average of 24 loads per day. The busiest filling point was the newly complete site at Kauri which averaged about 9 deliveries per day.

We have also had to deliver water to our treatment plant at Mangapai by tanker as the stream became too low to take water from. So far this year 6 tanker loads have been delivered. However, it does not take much rain for the stream to rise so this is unlikely to continue into winter.

Water Distribution

Repaired leaks have decreased slightly during March as we head into Autumn. 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 completed on Jordan Street, Arcus Street and Tauroa Street. Work is underway or planned for Pah Road, Grant Street, Huapai St, Graham St, Chester Ave and Hassard St.

The Kiripaka/Ngunguru Road water main upgrade work is due to be awarded in April. Work started on investigation for Poroti Trunk Main upgrade and Onerahi Trunk Main upgrade.

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, Tauroa and Arcus Street complete. Chester Ave, Huapai Street, Graham Street, Grant Street and Hassard Street are underway Pah Road next.				
Contractor: Downer – Subcontractors				
Minor Projects - Emergency Works	Design	Jul-23	Jun-24	
Programme being developed and includes urgent main replacements. Mobile emergency generators, Whau Valley Drainage upgrade				
Contractor/Consultant: CAT/ Ventia				

6.5 Significant Risks and Issues

Risk event	Cause & Consequence	Controls and Mitigation
Prolonged Drought	Lack of rainfall continues into Winter leading to low water levels heading into next summer.	Ensure use of other sources is maximised to preserve dam water. Longer term complete Poroti WTP upgrade project

6.6 Performance Measures and Compliance

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

Performance Measure	2023 – 24 targets	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 (b) part 5 of the drinking-water standards (protozoal compliance criteria).	Fully complies	Complies
The total number of complaints received by the local authority about any of the following: (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.	≤17	On target (2022-23 13)
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	≤ less than 1hr	0.51
(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	≤ less than 4hrs	1.50
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	≤ less than 12hrs	3.93
(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.	≤ less than 24 hrs	17.03

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

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

In times of emergency there is adequate water supply available.

Performance Measure	2023 – 24 targets	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).	≥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 targets	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

3 Transportation

Health & Safety

During the last month the following minor health and safety incidents were reported across the two Maintenance Contract Activity areas.

H&S Incident	Description	Comment
Property damage	2 x Service strike	Not on service plans
Vehicle related	Wheel nuts loose after tyre change	Near miss

No other major Health and Safety incidents were reported last month.

Road Safety

Year to date fatal injuries 2020 – 2024:

Year	2020		2021		2022		2023		2024	
Road Type	SH	LR								
Number of Fatal's	4	4	1	1	1	1	1	2	7	6

SH – State Highway, LR – Local Road

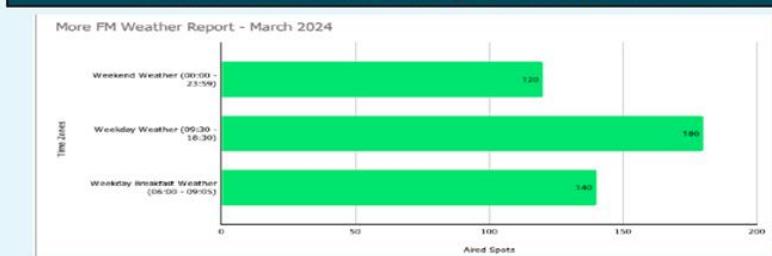
Road Safety Promotion activities – Northland Road Safety Trust

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.



Te Ripoata Haumaru Rori a Rohe o Whangarei Māehe 2024

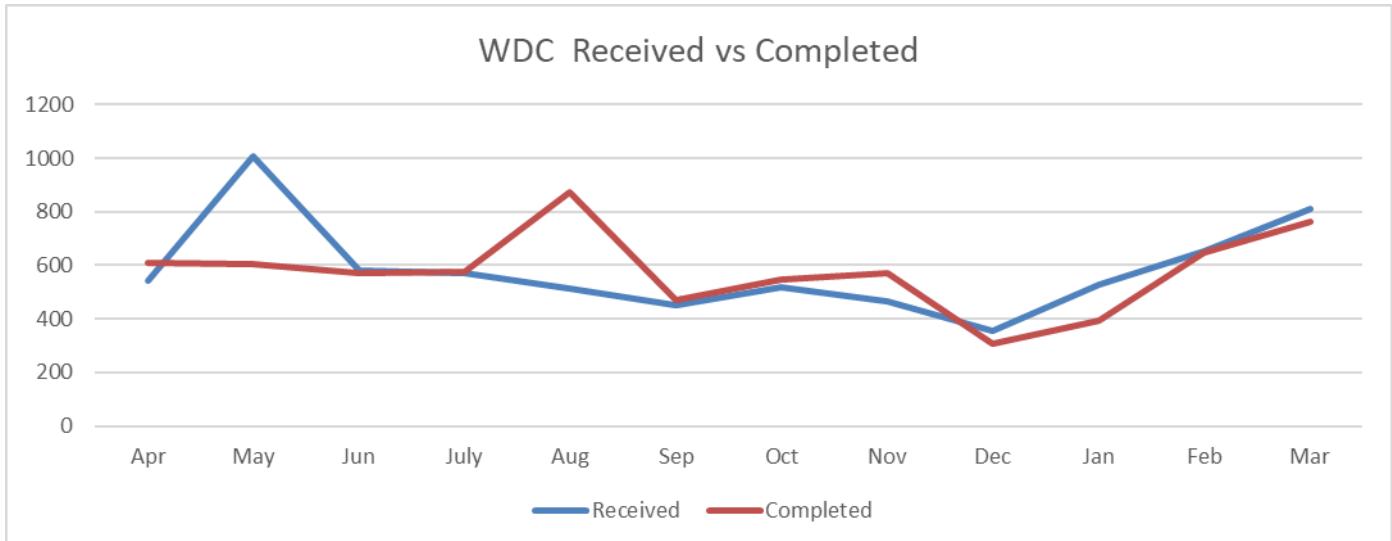
Stop Alcohol Impaired Driving (SAID):				Driver Licensing Programmes:				
Allocated number March 24:	12				Passed	Active (getting mentored)	YTD (23-24)	# of mentors
Attended:	10			People Potential (Whangarei):	Learners: 16 out of 20 Restricted/Full: 2 out of 4	N/A	74	N/A
Completed:	10			Blue Light: (Police)	Learners: 5 out of 8 Restricted/Full: 46 out of 53	12	27	3
Year To Date 23-24:	62			Howard League:	Special license endorsements: 3 Forklift 4 HMV	60	36 136	3
Drive SMARTA:				Ngatiwhi Trust:	Learners: NRS Restricted/Full: NRS	41	83	2
Start Date: 01/03/2024	5 Allocated	3 out of 5 completed	37 YTD 23-24	Kamo High School:	Learners/ Restricted: Planning underway for term 2.	25	72 77	N/A 2
Fatigue Stops at Uretiti:				Northern Health School:	NZQA Licensing Programme	Planning underway for term 2.	17 gateway students	2
Dates: 26/01/2024	Complet-ed: Yes	Vehicle Stopped: 92	Interactions: 221					
02/02/2024	Yes	111	204					
28/03/2024	Yes	87	185					
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 & 28th March 2024 @ 33 King Street, Whangarei	Car seat checks, installations and advice by qualified technician.	5 families, 5 full installations , 2 technical faults being corrected, 5 general advice.		
Complete: 04/09/2023-04/12/2023	6 Completed.		20 YTD 23-24	March '24 events:	Childrens Day @ Te Ora Hou. Car-seat install and advice given.	100+ people from community. Discussed car seat safety.		
Current 12/01/2024-13/05/2024	12 Allocated.	11 Current.		March '24 referrals:	Donated seats on Plunket referrals.	5 convertible seats. 1 full booster.		
Drug Impaired Driving Programme:								
Start Date: 01/03/2024	3 Allocated	2 Completed.	9 YTD 23-24					



Customer requests and feedback

The volume of customer requests received for March was 544, our contractors and team closed 603.

The volume of requests has continued to increase with 809 requests received (another 24% increase from the prior month). Despite the increase in requests, the team has reduced the volume of open requests to 764 open requests, being a 5.6% reduction from the prior month.



Top Request Types – March 2024

Request Type	Number of Requests
Road surface damage and maintenance	214
General Roading	138
Roading structures damage and maintenance requests	31
Footpaths and share path maintenance	29
Clear blocked drains and culverts	17

Compliments Received

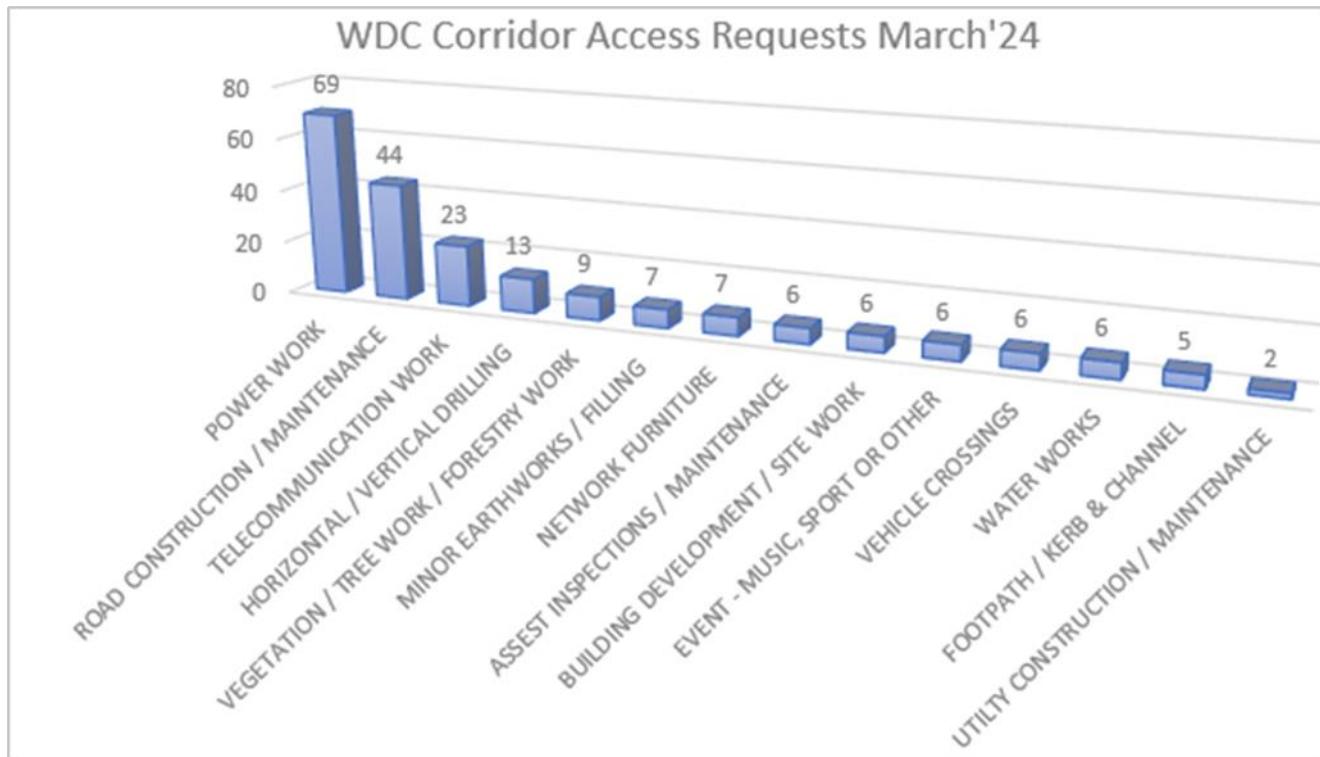
Caller phoned to ask for Memorial Drive to be swept and was amazed to see the sweeper in action an hour later.

Corridor Access Requests (CARs)

CARs and Temporary Traffic Management (TTM) Applications

209 new Corridor Access Requests were received for works in the road reserve across Whangārei District in March. Electricity works made up 33% of the application. There was a reduction in the number of road construction and maintenance applications from 70 in February to 44 in March making up 20% of CARs. Northpower programmed multiple electrical jobs on Sundays during the month to minimise impact and risks to the public when working on priority roads such as Porowini Road.

Collaboration between the Corridor Access and Events teams in the planning of events ensured that Beach to Basin, Fritter Festival, Taste Whangarei and Northpower Wild Kiwi Run Walk Multisport events were safe and compliant.



There were 192 CAR applications approved in March for work on Whangārei roads.

Work Completion Notifications, Reinstatement Inspections and Traffic Management Audits

This month there were 74 Corridor Access Request (CAR) completion status updates. 27 excavation sites were set into a two-year warranty period, 17 of those reinstatement inspections were onsite inspections with the remainder updated via desktop review.

5 temporary traffic management audits were completed by the CAR team in March. Of the audits, two worksites scored 'High', one site scored 'Acceptable' and two sites scored 'Needs Improvement'.

CAR Completion Status	Count of CAR Type
Cancelled	38
Completion of Maintenance Notified	9
Work in Warranty	27
Grand Total	74

A TTM Review Panel was held on 12 March to review unacceptable, unsafe, Stop Work or non-compliant traffic management sites. An Improvement Notice (IN) issued to Downer NZ Ltd initiated a review into quality systems across Downer's temporary traffic management and chipping operations. Downer's National traffic management and health and safety teams were pulled in due to a number of Corrective Action Plans (CAPs) being received that did not satisfy Council requirements to give confidence that work on the Whangārei road network would be completed safely and compliantly. A new CAP has been received and looks to address the root causes. The review should lead to close out in April.

Other TTM Updates:

TTM Industry Steering Group (TTM-ISG) – The Commercial and Procurement workstream, chaired by Ryan Cooney, NZTA's Programme Director Road Works Safety, met in March to review problem statements and objectives to work toward a strategy for improving traffic management and cost efficiency in contract tender processes and contract documents. Rachael Mannion is also a member of the working group which provides Whangārei with opportunities to develop a national commercial and procurement strategy.

The new TTM training framework is currently out for consultation. With NZTA moving away from the compulsory TTM warrant system and non-compulsory NZQA qualifications being rolled out there is a lot of change in this space. A Q & A Webinar held in March provided some much needed answers to industry on what training will look like in the future and answered questions from RCAs who have been considering not moving to the risk-based approach – in short, it is not an option without Councils taking on the risk.

A temporary traffic management and corridor access newsletter was distributed to Northland contracting and traffic management sectors on 5 March. The focus of the newsletter was on building trust in the public that traffic cones and signs are there for a reason and to only put out what is needed.

Rachel Taylor, NTA Road Corridor Management Lead was a speaker at the annual Roading Infrastructure Management (RIMS) Conference on 14 March presenting on a national transition to a risk-based approach to temporary traffic management (TTM) and RCA Collaboration.

Transport Minister, Simeon Brown was also a speaker at the conference and with the Government Policy Statement (GPS) just released, traffic management was a hot topic. The Minister expressed his commitment to balancing safety and the rollout of the risk-based approach to TTM as quickly as possible. He also expressed the need to get the balance right between the safety benefits and cost imposition. Measuring the cost of traffic management and making smarter decisions with the likes of the Brynderwys closure was flagged as a good example of getting in and getting out for more efficient TTM. The messaging NTA CAR team are trying to get out to Whangārei and Northland contracting industry aligns with the Minister when he verbalised his thoughts on excessive TTM - “We’re so used to seeing TTM with no



Figure 2 Rachel Taylor with RIMs host Pio Terei

explanation, it reduces the impact to the traveling public because we are so used to seeing road cones everywhere that we don't care about them anymore, which has a safety impact on roadworkers."

Innovations – Chevron Traffic met with CAR team members to discuss their operations and opportunities to set up business in Northland. They are well-established in Auckland and now have a yard in Whangārei. They have been working on reseals with Fulton Hogan bringing more competition to the Northland market. Chevron have been trialling Artificial Intelligence (AI) technology with a camera on the back of the truck that alerts the driver when crew at the back of the truck are not harnessed in. With another big player up here opportunities for innovation are a positive for TTM safety in Northland.



Figure 3 Camera with AI technology has identified worker movement (in red) on the left and alerted the driver that a person has not attached their harness yet.

Road Maintenance & Renewals

As the end of March signals, the conclusion of the sealed pavement season and the onset of preparations for winter conditions, both the North and South Areas of road maintenance operations have been active in addressing key priorities and challenges. Despite facing difficulties, including safety concerns and budget constraints, the teams have demonstrated resilience and commitment to delivering quality work while engaging with the local community.

Key points of note for the month included:

1. Improved Health & Safety Performance: The North Area has shown improvement in Health & Safety performance, with reductions in lag measures such as traffic management audit scores and incidents. This underscores the team's dedication to prioritizing safety amid challenging conditions.
2. Enhanced RAMM Data Management: The North Area has taken proactive steps to improve RAMM data management, including recruiting additional dedicated resources and providing refreshed training. These efforts signify a commitment to optimizing data-driven decision-making and operational efficiency.
3. Refreshed approach to inspections: The North Area team have rephased their inspection delivery schedule to take a more geographic approach in efforts to streamline inspection outputs in the routine works space, which should yield improved response times, and more time on ground rather than "hopping" around the network.
4. Completion of Sealing Operations: The South Area has completed the majority of sealing works, marking the end of the traditional construction season. Additionally, the completion of SH1 detour works ahead of the Brynderwys closure demonstrates successful efforts to maintain essential routes and manage ongoing maintenance levels effectively.
5. Focus on works completion quality with 153 individual work items audited in March:
 - 14.9% of ordered works items being audited for compliance (59 jobs audited) of which 83.05% passed, and
 - 2.8% of the routine works items being audited for compliance (94 jobs audited) of which 90.43% passed

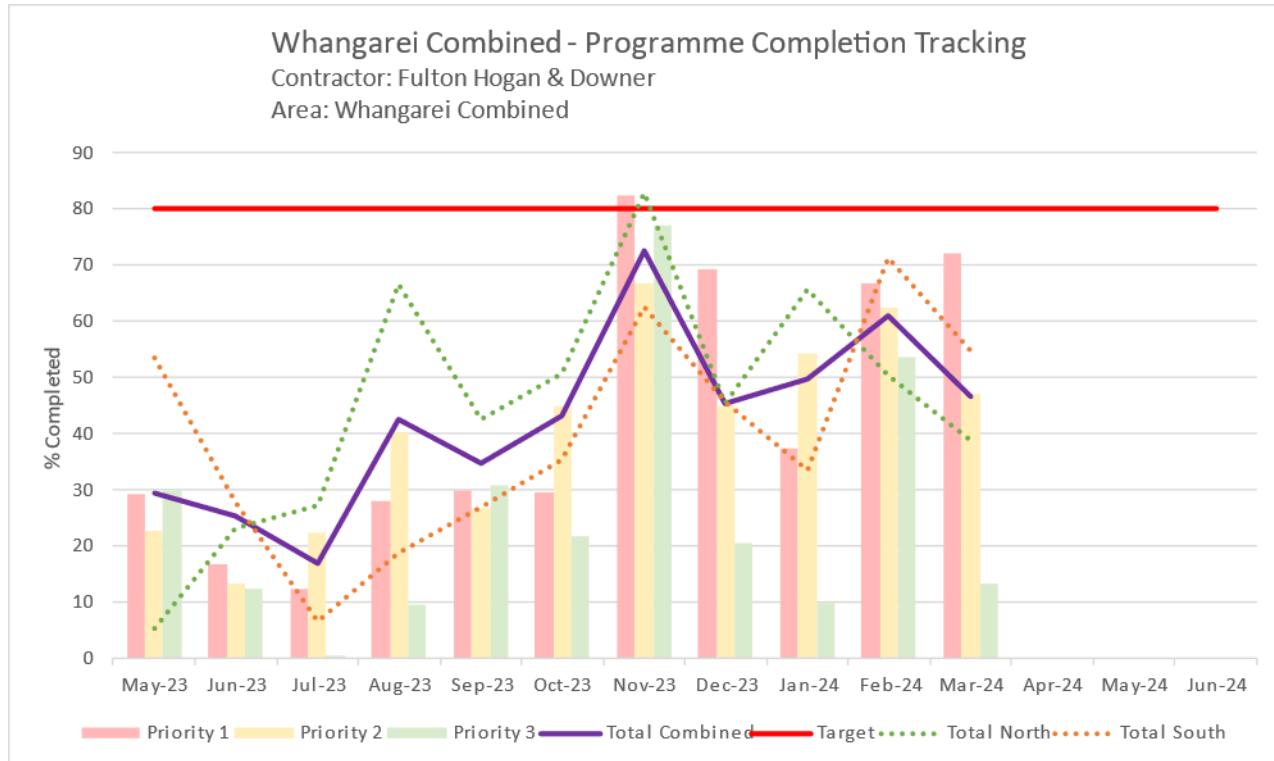
Despite facing challenges such as budget constraints and changing seasonal priorities, both areas remain focused on delivering quality service to the community and achieving stretch targets in the final quarter. The dedication and proactive approach of the teams bode well for continued success in maintaining road infrastructure and ensuring safe and efficient travel for all road users.

Looking Ahead:

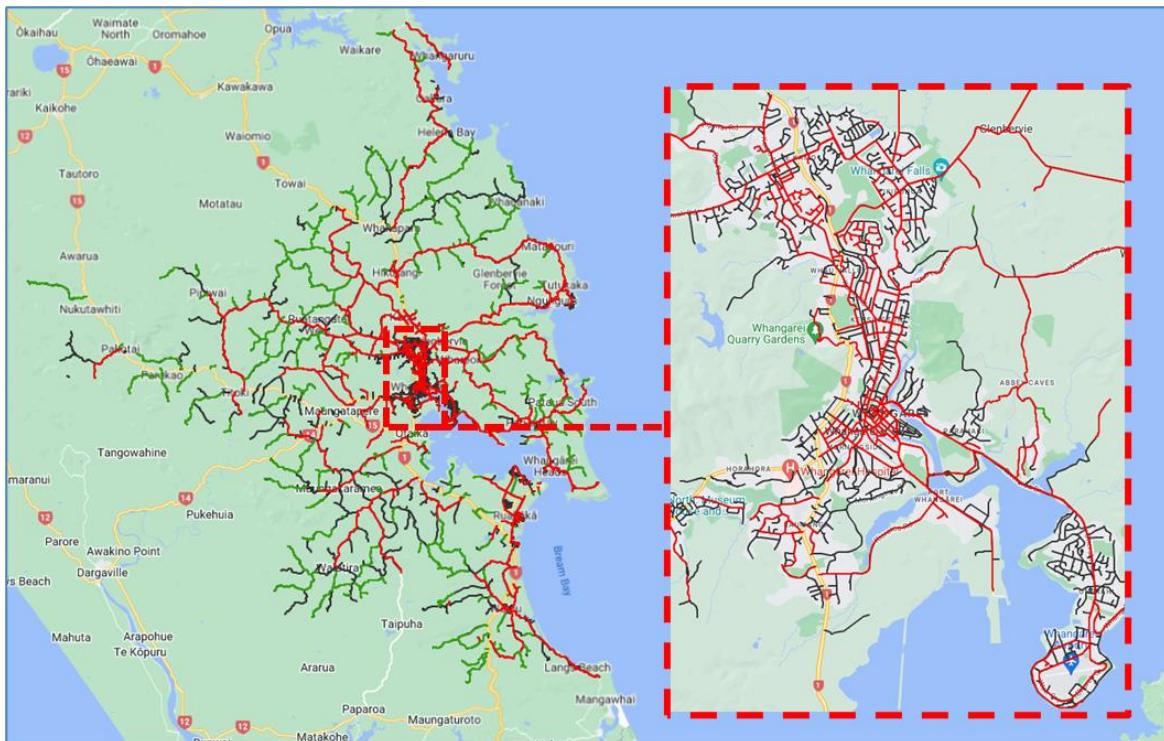
As the road maintenance teams transition into winter operations for the remainder of the 23/24 FY, key areas for monitoring include operations efficiency, delivery of cyclic spraying and road remarking, as well as the completion of large drainage, unsealed pavement, and seal pavement rehabilitation works. Despite facing a challenging operating and financial environment, the teams remain committed to achieving the best possible outcomes for the road network.

The combined efforts of the South and North Areas reflect a shared commitment to quality in road maintenance, despite encountering various challenges.

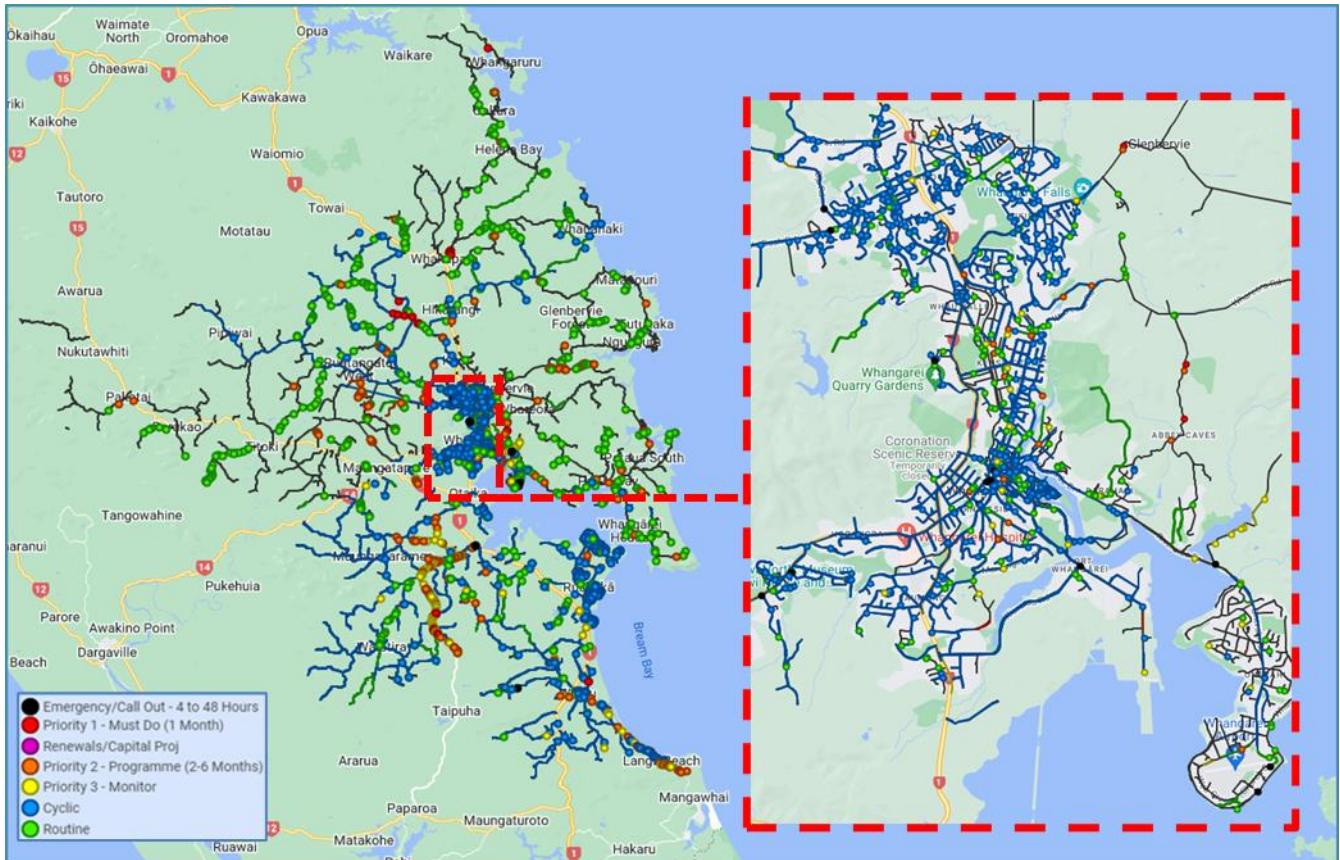
Programme Completion Summary



March 2024 Inspection completion overview



March 2024 – All Works completion overview



Key	Priority	Count of Works Items	Value of Works
●	Emergency / Callout	28	\$61,112.79
●	Priority 1	21	\$70,190.45
●	Priority 2	152	\$469,529.61
●	Priority 3	81	\$115,147.28
●	Cyclic	2532	\$178,803.23
●	Routine	779	\$394,432.80
●	Capital Projects / Rehabs / Reseals	119	\$3,995,026.42
Total Maintenance Claim Value			\$5,284,242.58

Emergency Works Recovery Programme

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

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

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). Waka Kotahi funding approval through report applications.

The vast majority of Phase 2 works are completed, and the initial approved funding for Phase 2 recovery activities has been exhausted in line with contractors' initial recovery programmes. There is limited Phase 2 recovery work being reconciled at present. We are working closely with Waka Kotahi through this reconciliation process, providing transparency around funded values and refined contractor estimates and claim values.

Phase 3 Delivery

The Phase 3 programme is valued at \$12.2m under current engineers estimate, noting these values will be updated following detailed geotechnical investigations. Of the \$12.2m, \$8.6m is in the 'complex' and 'strategic' categories. At this stage a number of sites in these categories may prove to be uneconomic to repair back to previous condition before the weather events.

Investigations and analysis continue the complex sites to determine the remediation method and level of investment required. More information will be available to council in the coming months.

Stage 1 - Contract agreements are being finalised between NTA and consultants for work packages for the Investigation & Design works across five priority slip sites with a 'Recommendation to Award' with WDC for approval currently. The investigations and designs will take approximately 3-4 months to complete.

Stage 1b - A procurement process for the remaining professional services is being developed alongside a strategy for the physical works procurement across Northland (Stage 1/Stage 1b).

An updated funding application has been submitted to Waka Kotahi reconciling previous funding applications with current funding needs as more information is understood about our sites. Staff officers will advise on local share funding requirements as the outcome of site investigations is understood.

It is noted that the Draft LTP 2024 only includes \$2.5m for Phase 3 works. This is because the \$8.6m has not been verified however it will be discussed with Council in the LTP Issues and Options discussion.

Operations

Streetlighting

The Streetlight Central Management System (CMS) project – [Contractor - Schreder Australia Pty Ltd]. Of the 2,000 Light Point Controllers (LPC) 1,974 have now been installed and tested. The project is tracking well and is 98.7% complete now.

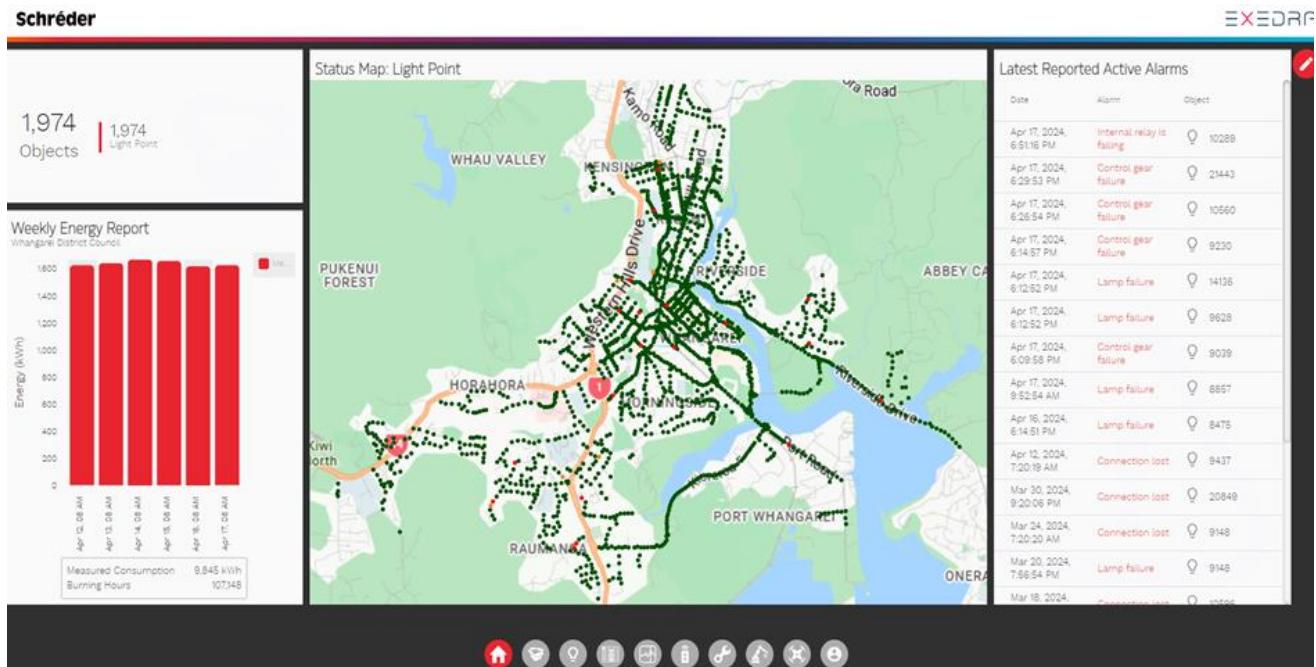


Figure 1 CMS dashboard

A total of 64 streetlight outages were attended to and rectified in Feb 24 that were identified as part of previous night inspections. The remaining have been attended and rectified by end of March 24.

An annual day inspection for WDC streetlights is being carried out by the contractor and inspections started in Feb 24. This will include pedestrian crossing, arterial, collector & 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 and lighting design reviews for new subdivisions and other lighting assessments related to early planning are on-going.

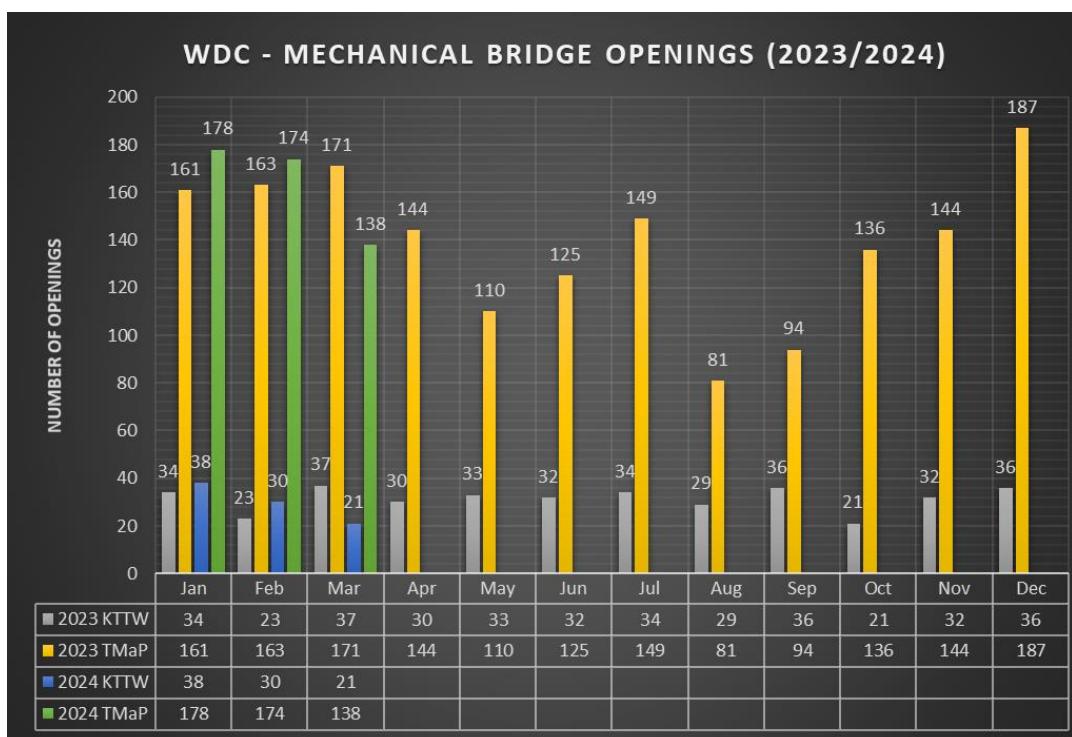
Traffic Signals

- Rust Ave Rail bridge Over height Warning signal - The new detection system is now essentially complete and operational, with formal handover and commissioning to be completed by the end of April.
- There are ongoing improvement works to the traffic signals network, which include: user operation instruction stickers placed in selected CBD locations, together with telecommunications improvements which are currently in the planning stage.
- Maintenance works which are ongoing include graffiti removal and pole painting. The new paint system requires warmer temperatures and so further painting will be completed as weather permits.

Mechanical Bridges

- Kotuitui Whitinga bridge H&S incident investigation has completed, the final report will be released once corrective actions are finalised. The project was to address corrosion resulting from paint deterioration.
- Te Matau a Pohe W1 machinery pit: The final design for the engineering controls from Grit Engineering has been received and this will now be reviewed and priced for implementation by our bridge contractor, together with hydraulics refit work.
- Kotuitui Whitinga bridge handrail LED lighting completion is expected mid-May, once the remainder of the ducting installation is completed.
- The CCTV and PA upgrade for Te Matau had been pending for a while. WSP have provided the technical specification for the CCTV & PA upgrade RFT and this is being worked on by the team for tendering.
- Te Matau a Pohe and Kotuitui Whitinga bridge operations have been continuing. In the month of March 24, Te Matau a Pohe operated 183 times whilst the Kotuitui Whitinga 21 times.

The graph below illustrates the bridge openings for 2023 & 2024 year to date.

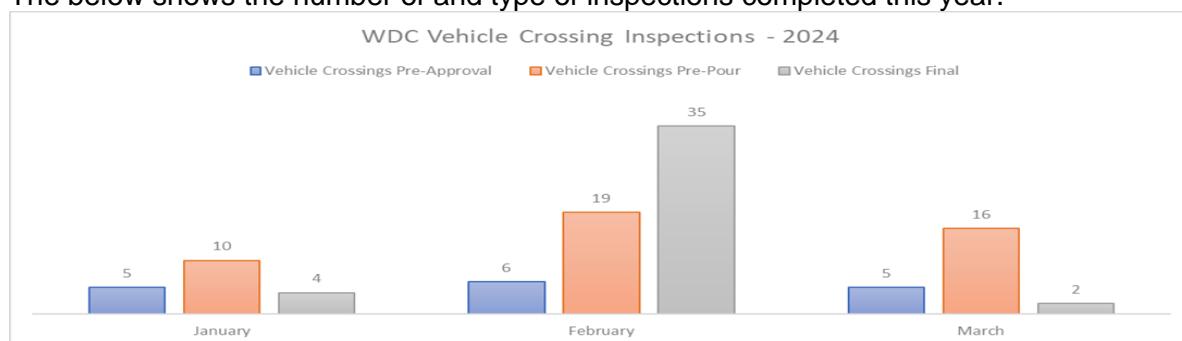


Vehicle Crossing Inspections

The Road Safety Team took over management of Vehicle Crossings in Mid-2023. Over this period Vehicle Crossing Inspections management has been moved from an antiquated paper-based system to a modern and efficient system. Below is a summary of the key improvements implemented.

- Development of comprehensive vehicle crossing inspection guide. Which has led to improved quality assurance, training of staff and understanding of requirements from customers and suppliers. With positive feedback from suppliers and customers.
- Inhouse development of a bespoke Vehicle Crossing Inspection APP. Which has led to a 65% reduction in time taken to complete an audit and the associated paperwork, and improved accuracy of data collection. This APP has now been rolled out for Kaipara District Council.
- Cross-department understanding of Vehicle Crossing requirements with; Customer Service, Property Assessment, Stormwater Engineers, Development Engineers, and Planning teams. The outcome is improved processes and understanding of other requirements which will impact a vehicle crossing permit.
- Closing out all historic Vehicle Crossing Permits (dating back to 2010) that had not had a Final Inspection. All historic Final Inspections were completed by December 2023.
-

The below shows the number of and type of inspections completed this year.



Active Transport

School Travel Planning

The School Travel Planning Pilot is now underway. The pilot, and potential future programme, aims to enhance student safety, improve infrastructure around schools, reduce congestion and promote sustainable travel. Partner council are liaising with throughout the pilot include NZ Police, Sport Northland, Enviroschools, Ministry of Education and RITCHIES.

Council is working with Onerahi Primary and Whangārei Intermediate this term, and potentially bringing on Whau Valley School in term 2.

To date we have completed a travel survey (identifying how children are travelling to school, and how far they are travelling) and a site audit (reviewing both drop off and pick up from multiple points) at Onerahi Primary, and Whangarei Intermediate, which will help to inform custom maps and travel plans for the school, along with any recommendations to planned infrastructure changes and improvements. The school and school board are heavily involved in developing and reviewing the plans, and the deputy principal has commented “We believe there's a real opportunity to make positive change in our community through this process.”



Walk2Work Day, Living Streets Aotearoa's annual pedestrian event, ran on Wed 13 March. Council set up a table with fruit, hot cross buns and refreshments for walkers during the morning commute, supported by Living Streets Aotearoa, WDC Crs Scott McKenzie, Gavin Benney and Nicolas Connop, and the Mayor. The event went well and the team engaged with about 40 to 50 walkers.

Consistent messages heard from walkers were ‘please continue to improve footpaths’ and to push back more on people parking cars and scooters on the footpaths.

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	1048
Grade 1.5/2/Adults	500	502



One Tree Point School Grade 2.

Speed Management

Phase 1 of the Whangarei Heads Catchment has been fully implemented which includes new speeds along Whangarei Heads Road from Onerahi to Ocean Beach. The remainder of the Catchment will be implemented over the coming few months. Based on public feedback, staff will be re-evaluating speed limits in Parua Bay Village. This will include limited consultation with the school and surrounding nearby community members. When this evaluation and consultation are complete, staff will bring options to elected members which may include a variation to the current speed management plan. Final approval of any variation will need to be completed by Waka Kotahi. It is anticipated that the investigation and consultation will take approximately four-six weeks to complete.

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. An Information Report will be provided to Council in March outlining the current situation and options available to Council.

Contractor Performance

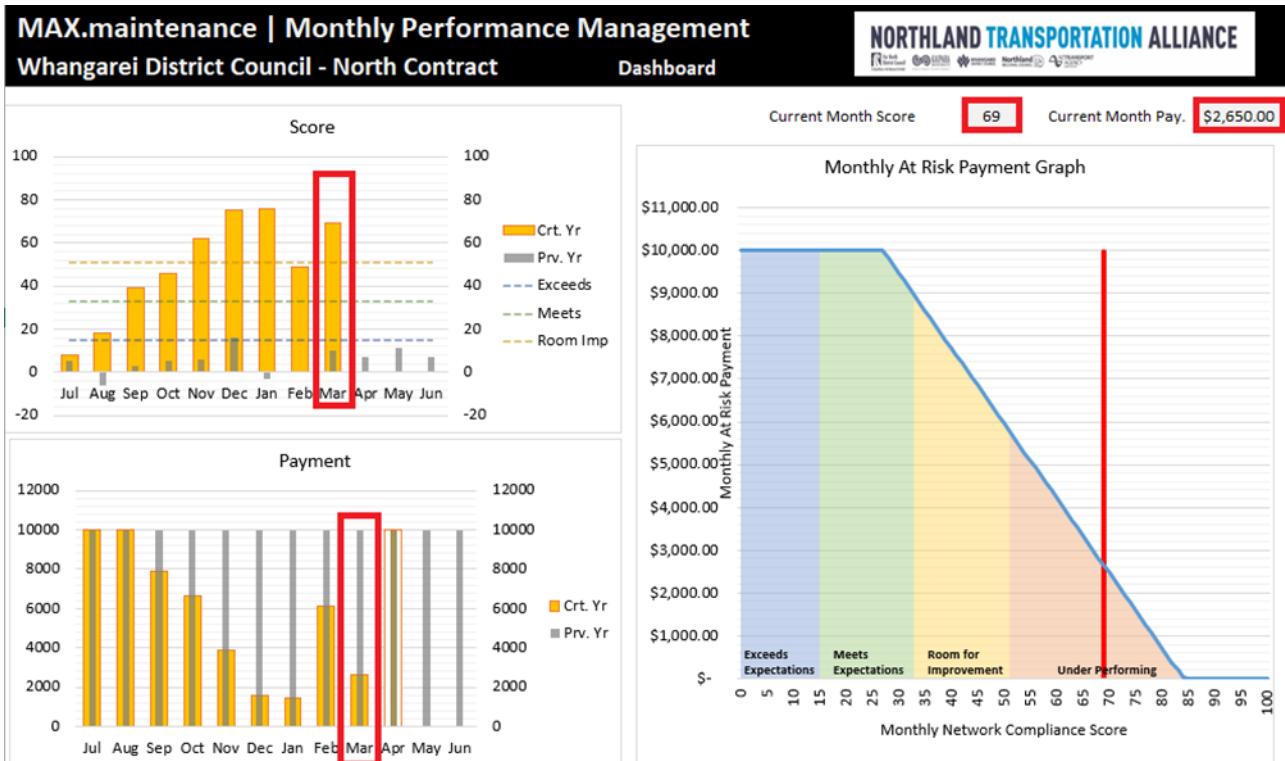
Road Maintenance & Renewals Contracts

Fulton Hogans (WDC North Contract) performance score this month is the result of the continued accumulation of 1 primary metric, with 23 out of 29 metrics achieving their target compliance scores including KPM 19 for unsolicited written positive feedback received for watertable restoration works completed on Ngunguru Ford Road.

The main failed metric were KPM20 and KPM25 – noting that KPM25 failure is tied to recurrent failures of any other metric.

The achievement for KPM20, which measures routine response time compliance was 92.11% with a target of 95%.

KPM #	Performance Measure	Target	Result	Duration	Weight	Score	Notes
Management Reporting & Data							
2	Incorrect and or missing data on dispatches within RAMM Contractor from the start of the contract up till the works presented in the current monthly claim.	99%	95.58%	1	5	5	
3	Assets worked on by the Contractor shall have the correct asset data after the work is done. This is tracked from the start of the contract through to the assets worked on in the current monthly claim.	99%	93.94%	1	5	5	
Reliability & Response							
19	The Contractor receives unsolicited written positive feedback from customers.	P	P	6	-3	-18	Positive feedback received re drain clearing on Ngunguru Ford Road
20	Routine response times are managed and attended to within the response times set. [Refer to the Part 5K OPM Response Times].	95%	92.11%	9	3	27	Actual Duration 12
Quality & Quantity							
25	No non-conformance notices (NCN) issued by the Engineer as a notice to Contractor.	F	F	9	5	45	Recurrent failure of KPM 20
28	Quality of completed ordered works (except sealed pavement renewals) is in accordance with the work specifications. Note that this activity will be split into separate Activities for performance reporting.	90%	73.33%	1	2	2	10.2% of total claim audited in March including 20.83% of all ordered works items (excluding sealed pavement renewals). 30 audits were undertaken on the 144 completed ordered works dispatches, of which 8 failed resulting in 73.33%.
29	Quality of routine works is in accordance with the work specifications. Note that this activity will be split into separate Activities for performance reporting.	90%	83.33%	1	3	3	10.2% of total claim audited in March including 7.16% of all routine/cyclic works items (excluding sealed pavement renewals). 36 audits were undertaken on the 503 completed routine works dispatches, of which 6 failed resulting in 83.33%.
Calculated Monthly Network Compliance Score 84 Client Adjustment -15 Final Monthly Network Compliance Score 69 Monthly At Risk Payment Amount \$2,650.00 Monthly At Risk Payment Adjustment \$ - Final Monthly At Risk Payment Amount \$2,650.00						KPM Payment loaded against Dispatch 81434 - Manual adjustment for KPM 9,10,11	



Monthly Contractor Performance

Contract	Supplier	Performance	Comment
Road Maintenance (North) <i>More detail below</i>	Fulton Hogan	Under Performing	Current contract expires 31 June 2024. Strong relationship and open communication working well towards common goals especially in the unsealed rehabilitation space. Final monthly network compliance score of 69 – See details earlier in report for additional context
Road Maintenance (South) <i>More detail below</i>	Downer	Under Performing	Contract expires 31 June 2024. Ongoing rebuilding of relationship and open communication. Newly appointed contract manager is further strengthening relationship especially at governance level. Final monthly network compliance score of 86 – See details earlier in report for additional context.
Parking Meter Maintenance	Mobicom	Good	No issues

LHBr Hydraulics	LC Hydraulics	Satisfactory	Contractor pricing W1 works, planning hydraulics valving renewal.
LHBr Electrics	McKay Electrical	Satisfactory	Contractor working on Kotuitui Whitinga handrail light replacement & electrical maintenance.
LHBr Operations	Northern District Security	Good	Bridge operations is being managed well & as expected.
Streetlight Maintenance	Currie Electric Ltd (CSLi)	Satisfactory	Significant works related to maintenance activity, compounded by CMS and Capital works.
Traffic Signal Maintenance	CSLi	Satisfactory	Contractor working on signals renewals, and Port Rd traffic signal capital works (commissioned 12/4/24).

Significant Risks & Issues

Risk event	Cause & Consequence	Controls and Mitigation
Cost increases result in reduction of maintenance and operation activities	Funding for M&O was reduced by Waka Kotahi at the start of the LTP. Cost escalations of circa 12% have further exacerbated these issues.	Reprioritise works Consider alternative investment paths – e.g., improved treatment of unsealed roads rather than unsubsidised seal extensions.
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.

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 targets	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%	66.5% March 63.5% Ytd
We will support alternative transport methods.		
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

Solid Waste

Health & Safety

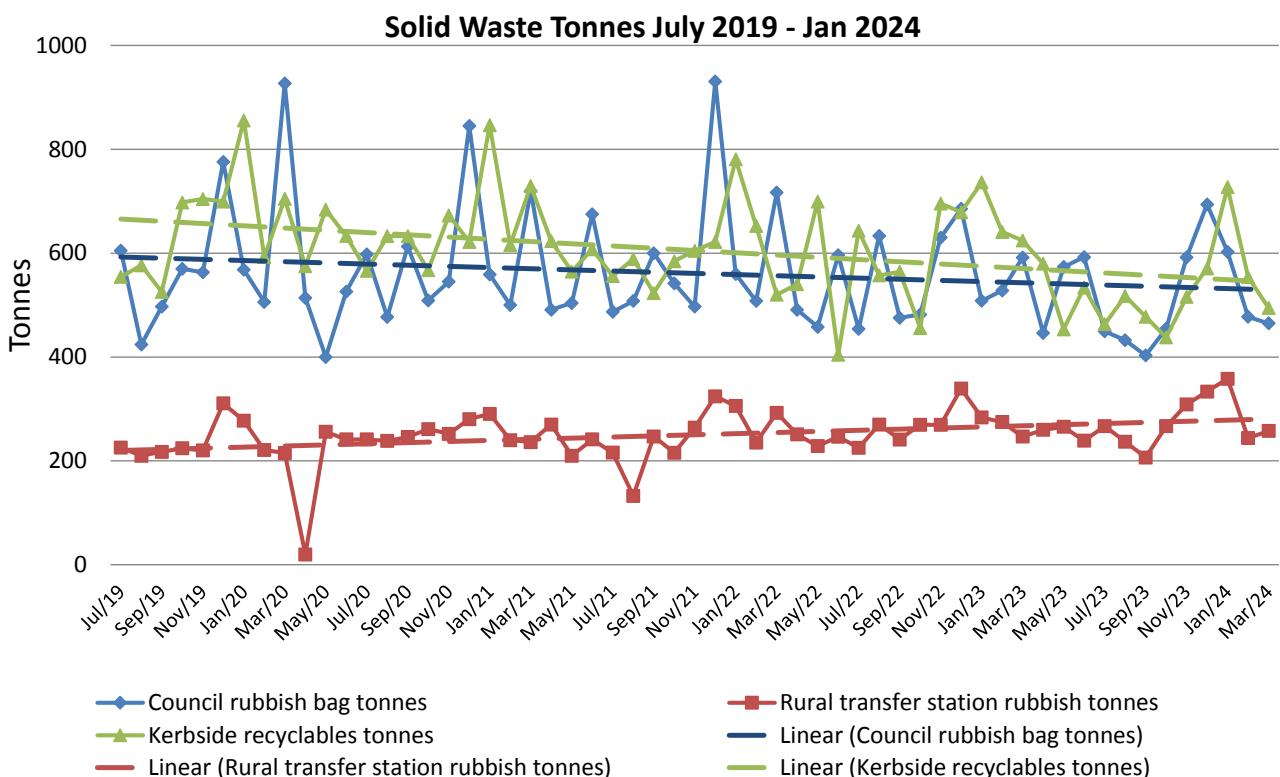
In March, there were three injuries for the collection crew runners. The most severe of these was a large cut that one of the rubbish collection runners suffered from an unidentified sharp object from inside one of the bags.

Customer feedback

We received a couple of compliments for the collection crews for the care they take when replacing crates and for waiting for one person to get their waste out. Getting positive feedback is encouraging and reflects the standards that we want from all of the collection crews.

Network Performance

Kerbside collections and rural transfer stations operated well in March.



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	Good	Contract is due to end latter this year. Discussions with the incumbent about future service delivery options are underway.
CON21049 – Public Toilet Cleaning	PPCS	Good	Meeting the contract specification.

Key activities in the last month

Promoting and communicating the national standardisation of kerbside recycling services which came into force on the 1st of February. Although the changes for our district were relatively minor there were a number of queries from residents to respond to.

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 targets	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 targets	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%	31% year to date
Council will recycle, compost or reuse at least 50% of materials at transfer stations.	≥50%	44% 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 targets	Compliance
Residents' satisfaction with litter control. (Recorded through the Residents Survey).	≥75%	2022-23 64%

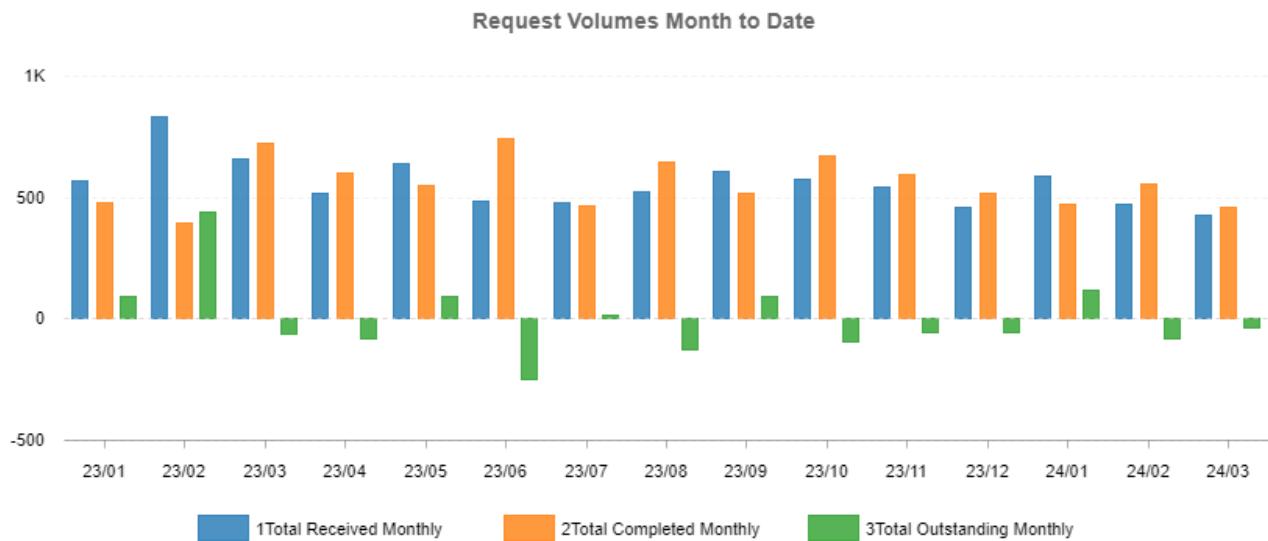
Parks & Recreation

Health & Safety

No significant health and safety matters to report.

Customer requests and feedback

The total outstanding number of requests has again reduced in March as staff and contractors have made a concerted effort to get on top of the high volume.



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.

Contractor Performance

Contract	Supplier	Performance	Comment
Public tree maintenance	Treescape	Good	Backlog of requests being worked through, and proactive work still being completed.
Tracks and Walkways	Northland Park Care	Good	Contract rolled over for a year. Working through cyclone Gabrielle work.
Coastal Structures	Hoskin Civil	Good	Coastal structure assessment received.
Playground and skatepark maintenance	Northland Park Care	Average	We are finding a few things missed by the contractor.
Parks & Gardens	City Care Ltd	Average	Mowing is under control, but some concern about the state of garden areas.
Sportsground maintenance	Recreational Services	Good	Winter fields are ready for the season to begin. No major issues.
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.

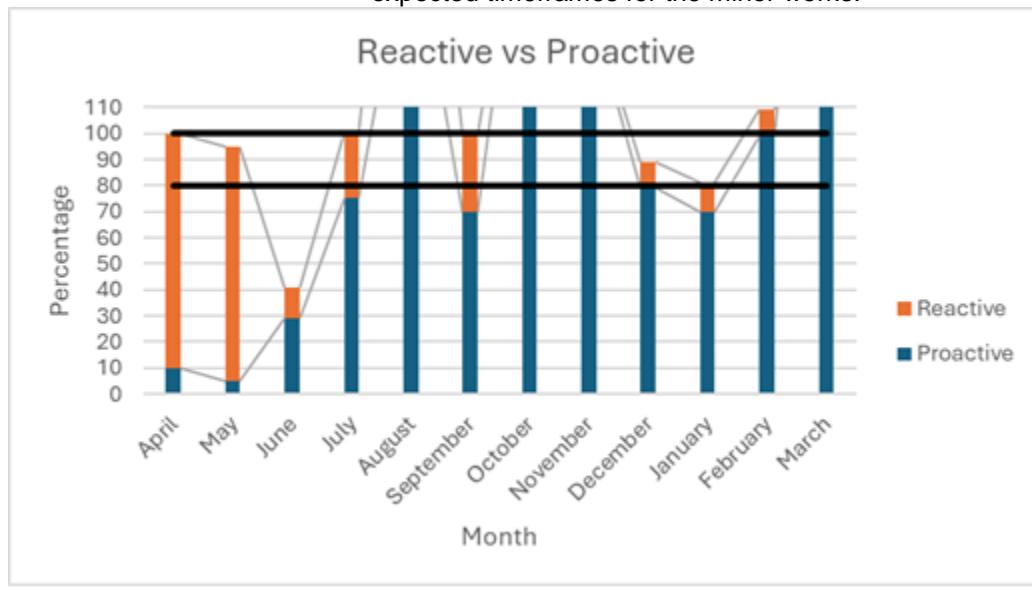
Key activities in the last month

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.

March saw Treescape continuing to work on closing 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 and complete routine maintenance work on the reserves.

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



April 2023 to

March 2024

Walking Tracks

March saw the continuation of the aggregate replacement program on our walking tracks after the high loss levels from cyclone Gabrielle. Helicopter operations to drop aggregate on the Western Hills took place and renewals to tracks completed.

Kauri die back track improvements have commenced which will see better protection for the Kauri. This work is funded by central Government Drummond track was be inspected for alternate routes as the original slip face is not stable enough to re-establish a track across. A report with costings for to alternate routes is being prepared. This track remains closed, although a high number of public appear to be still using the track and making their own way across and up the slip face.



Aggregate Replacement Waimahanga Track

Coastal Structures

Staff are currently developing an internal process around managing applications under the newcoastal erosion policy. Additional resources have been bought on to respond to coastal queries. Work with residents in Whangaumu Bay and One Tree Point, (Karoroa Rd) is ongoing to help develop options for erosion risks to their properties.

Sports Parks

Drier conditions continued in March with rainfall increasing in the latter part of the month and forecasting for April will see even more rain. The required irrigation at William Fraser Rugby and Football, Otaika and Kensington Trigg Arena ceased in mid-March.

Cricket finals were a success Cobham Oval. All cricket blocks throughout the district have been sprayed out in preparation for Autumn renovations beginning with Kensington.

Initial line marking of senior fields have been completed and all Junior fields to be marked before the end of the school holidays in April.

During the month of March 99 % of fields were open for sporting and recreational play.

The field upgrade has begun at Onerahi Airport B and will continue for the next 4 months. The sports park lighting installation and upgrade to the outdoor courts has also begun at Takahiwai. William Fraser Rugby 2 remained closed as gravel banding was delayed due to lack of maturity of turf now rescheduled for late April.



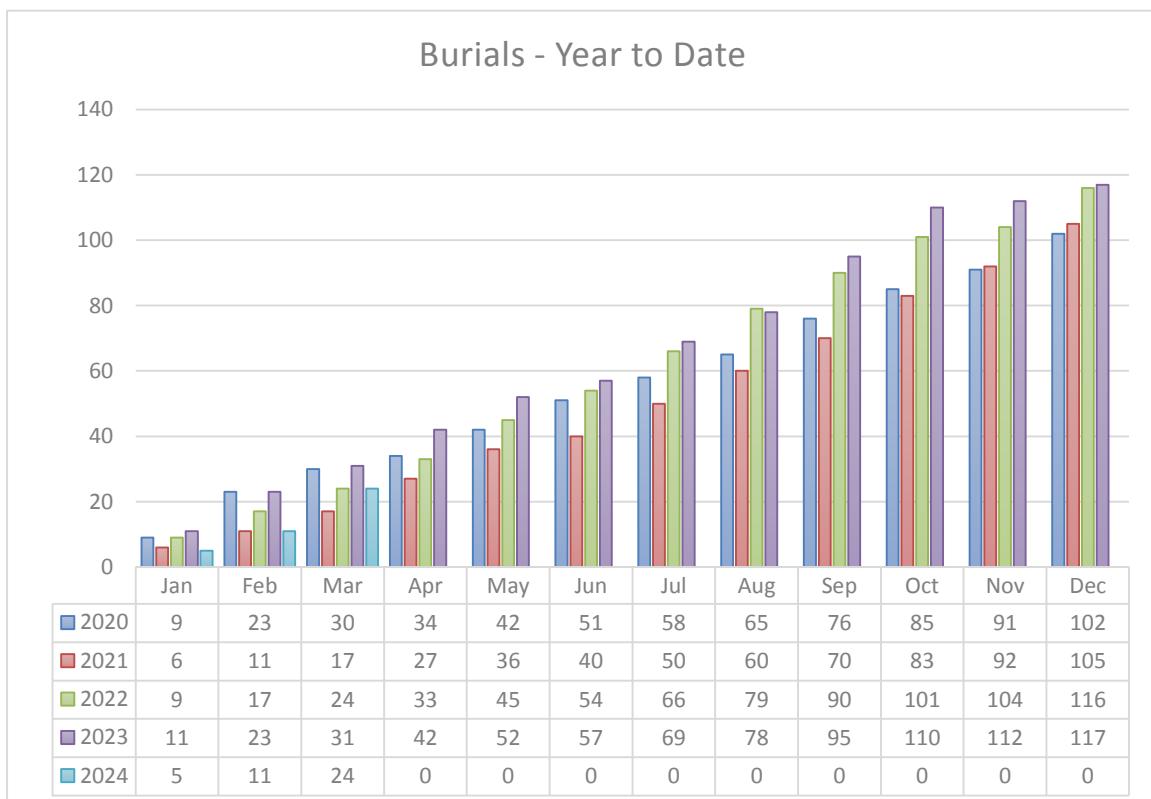
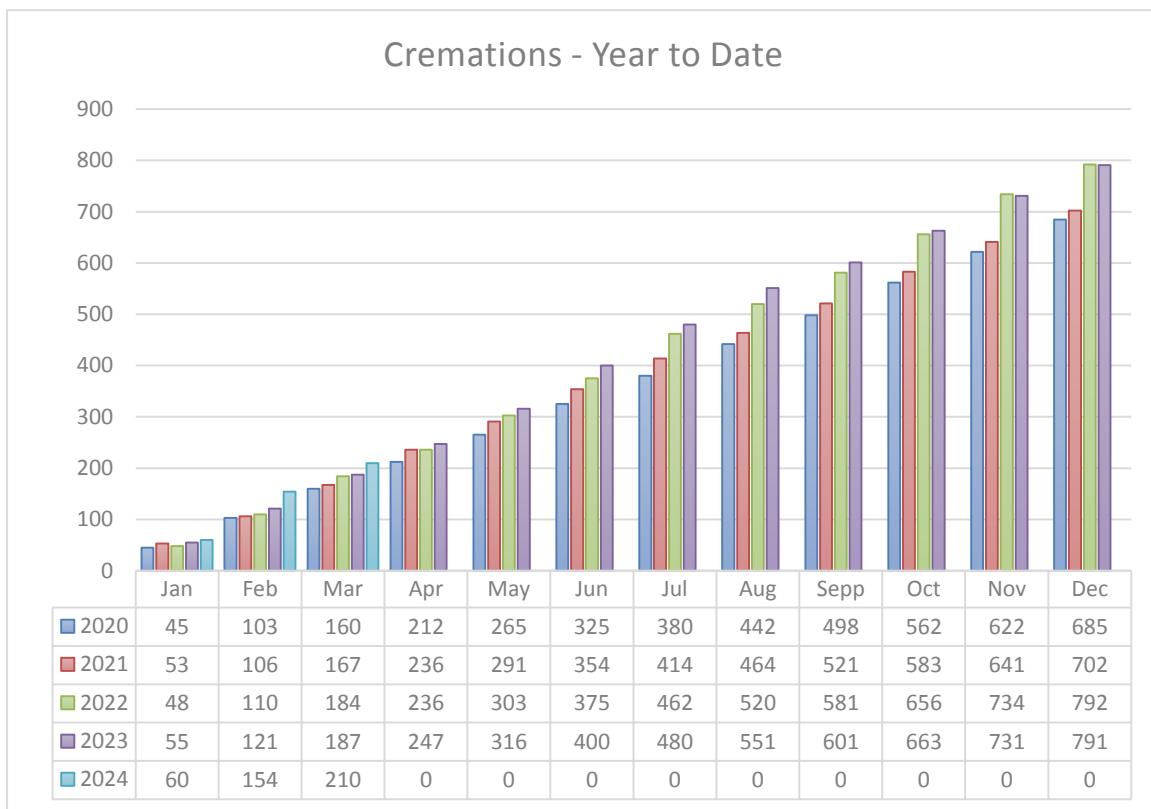
New field at Parua Bay – image on the right with the new mobile irrigation system

Sports Parks Issues

- Personal Vehicle Dwellers (PVDs) and houseless persons residing at sports parks carparks.
- Slowly growing number of displaced persons moving to the Old Boys site.

Cemetery

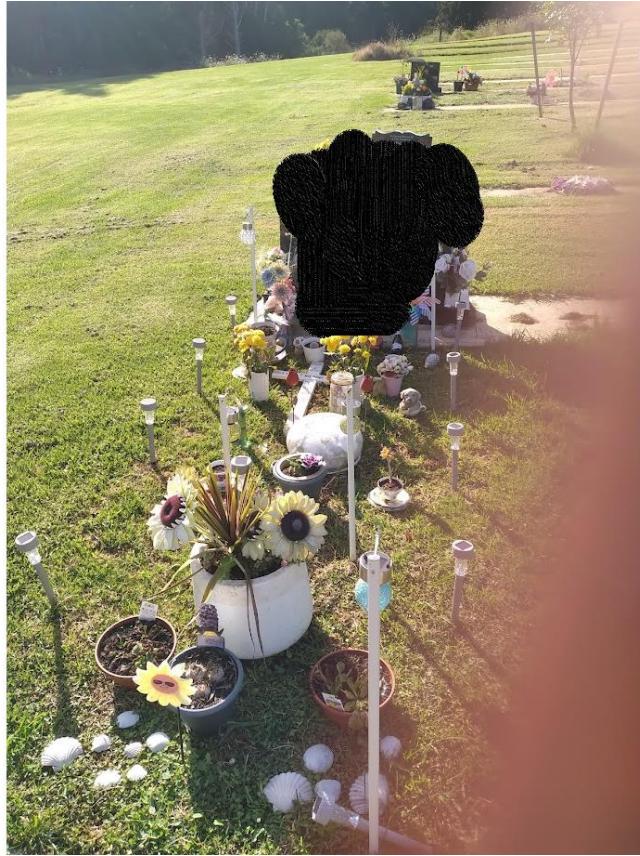
13 Burials for the Month of March and 56 Cremations.



The team has been busy carrying out our annual grounds maintenance like road edging and road cleaning, as the grass growth has slowed allowing for other jobs to be carried out in between burials and cremains interments of which there was 17.

14 families have been contacted regarding their loved one's plots, and the use of the burial plot to create their own personal garden. As it was impacting greatly on the team's ability to carry out their job, the families were

asked to remove their gardens and seats from the current burial area. Most were positive in their response and the area is much improved, making our maintenance and grave preparation much easier and it is now more in line with a lawn cemetery.



(example of what the cemetery team had to move on a regular basis in order to do their job)

Parks and Gardens

March continued our dry start of the year with only 42 mls falling during the month. Everything is dry, with grass growth slowing down and gardens needing watering. Quite a few younger trees are suffering around the district, with a number dying.

City Care are working through their Autumn tidy up with hedge and shrub trimming underway. There has been an increase in leaf drop as we enter Autumn, resulting in more blowing and clearing in the areas with deciduous trees in the public spaces. The dry weather has continued, and we are still watering areas in the town basin by hand. We are looking at upgrading irrigation systems to reduce the need for hand watering.

Bedding has been completed on the roundabouts, Forum North, the Town basin, Cafler park and the Airport. Bedding was removed from Laurie Hal Park earlier than usual, to give a longer window for weed control, which has helped to reduce down most weeds, but there is significant oxalis still evident in the main beds.

The hanging baskets were removed at the end of the month after a good display all summer. The display at Tikipunga was collected in early due to vandalism.

The Putahi pump house is having issues with its chemical dosing control, resulting in inefficient chemical usage. A new controller has been ordered.

Town Basin and Putahi toilets have received a deep clean, but we are noticing a damp smell setting in in the new disabled toilets by the clock museum. There is no ventilation in that space and with the shower being used frequently the humidity is building up in the room. The utility cupboard in these toilets is not fit for

purpose and we are waiting for the project manager to organise alterations to improve the usability of the cupboard.

We will continue to explore alternative and more robust umbrella sources for the town basin and playground areas as the recent experiment was not positive.

Citycare are making progress to meet contract standards in the gardens area, especially in the city. There are still some issues in the districts. Parks Officers continue to meet with City Care in an effort to get all the garden sites back in specification.

Significant Risks & Issues

- Budget challenges limits Parks ability to respond to unscheduled works and response maintenance.
- Ongoing issues with Personal Vehicle Dwellers (PVDs) and homeless persons residing at sports parks around the district.
- Reserve management plans expired and need for new plans around the district
- Parks and Recreation resourcing issues limiting effectiveness

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.