

ORDER PAPER

ASSETS/INFRASTRUCTURE COMMITTEE MEETING

Date: Thursday, 9 June 2022
Time: 9.00 am
Venue: Council Chamber
Rangitikei District Council
46 High Street
Marton

Chair: Cr Dave Wilson
Deputy Chair: Cr Richard Lambert
Membership: Cr Cath Ash
Cr Nigel Belsham
Cr Brian Carter
Cr Fi Dalgety
Cr Gill Duncan
Cr Angus Gordon
Ms Coral Raukawa (TRAK representative)
HWTM Andy Watson

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Notice is hereby given that an Assets/Infrastructure Committee Meeting of the Rangitīkei District Council will be held in the Council Chamber, Rangitīkei District Council, 46 High Street, Marton on Thursday, 9 June 2022 at 9.00 am.

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AGENDA

1 Welcome / Prayer

2 Apologies

3 Public Forum

No public forum.

4 Conflict of Interest Declarations

Members are reminded of their obligation to declare any conflicts of interest they might have in respect of items on this agenda.

5 Confirmation of Order of Business

That, taking into account the explanation provided why the item is not on the meeting agenda and why the discussion of the item cannot be delayed until a subsequent meeting, [enter item number](#) be dealt with as a late item at this meeting.

6 Confirmation of Minutes

6.1 Confirmation of Minutes

Author: Ash Garstang, Governance Advisor

1. Reason for Report

- 1.1 The minutes from the Assets/Infrastructure Committee meeting held on 14 April 2021 are attached.

Attachments

1. **Assets/Infrastructure Committee Meeting - 14 April 2022**

Recommendation

That the minutes of the Assets/Infrastructure Committee meeting held on 14 April 2021, **[as amended/without amendment]** be taken as read and verified as an accurate and correct record of the meeting, and that the electronic signature of the Chair of this committee be added to the official minutes document as a formal record.

MINUTES



RANGITIKEI
DISTRICT COUNCIL
Making this place home.

UNCONFIRMED: ASSETS/INFRASTRUCTURE COMMITTEE MEETING

Date: Thursday, 14 April 2022
Time: 9.30 am
Venue: Council Chamber
Rangitikei District Council
46 High Street
Marton

Present

Cr Richard Lambert
Cr Cath Ash [via Zoom]
Cr Nigel Belsham
Cr Fi Dalgety [via Zoom]
Cr Brian Carter
Cr Gill Duncan
Cr Angus Gordon
HWTM Andy Watson

In attendance

Mr Peter Beggs, Chief Executive [via Zoom]
Mr Arno Benadie, Chief Operating Officer
Mrs Carol Gordon, Group Manager – Democracy and Planning
Mr Dave Tombs, Group Manager – Corporate Services [via Zoom]
Ms Gaylene Prince, Group Manager – Community Services [via Zoom]
Mrs Jess Mcilroy, Operations Manager [via Zoom]
Mr Allen Geerkens, Programme Delivery Manager – Roading [via Zoom]
Mr Philip Gifford, Project Engineer – Roading [via Zoom]
Mr Ash Garstang, Governance Advisor

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1 Welcome / Prayer

The meeting opened at 9.30 am. Cr Duncan read the Council prayer.

2 Apologies

Resolved minute number 22/AIN/006

That the apology for Cr Wilson be received.

HWTM A Watson/Cr N Belsham. Carried

3 Public Forum

No public forum.

4 Conflict of Interest Declarations

No conflicts of interest were declared.

5 Confirmation of Order of Business

No changes to the order of business.

6 Confirmation of Minutes

Resolved minute number 22/AIN/007

That the minutes of the Assets/Infrastructure Committee meeting held on 10 February 2022, without amendment, be taken as read and verified as an accurate and correct record of the meeting, and that the electronic signature of the Chair of this committee be added to the official minutes document as a formal record.

HWTM A Watson/Cr G Duncan. Carried

7 Follow-up Action Items from Previous Meetings

7.1 Follow-up Action Items from Assets/Infrastructure Meetings

Regarding the Calico Line-Broadway intersection (action item 12), Mr Benadie advised that this will be at the contractors cost. This will cover both the road marking and ramp issues.

Resolved minute number 22/AIN/008

That the report 'Follow-up Action Items from Assets/Infrastructure meetings' be received.

Cr R Lambert/Cr G Duncan. Carried

8 Chair's Report

8.1 Chair's Report - April 2022

Taken as read.

Resolved minute number 22/AIN/009

That the Chair's Report – April 2022 be received.

Cr R Lambert/Cr N Belsham. Carried

9 Reports for Decision

9.1 Funding of local share of 13 December 2021 Weather Event - Damage to Road Network

The Mayor asked where the unbudgeted expenditure will come from. Mr Benadie advised that Council is slightly behind on maintenance for 2021/22 and some funds may be available from those budgets. Mr Benadie further advised that if any shift in work prioritisations was required (e.g. pulling funds away from large projects) he would bring this to Council for pre-approval.

Cr Gordon arrived at 9.42 am.

In response to a query, staff confirmed that the FAR rate set by Waka Kotahi is currently 65%, reducing to 64% in 2022/23 and 63% in 2023/24.

Mr Geerkens advised that a request for emergency funding has been lodged with Waka Kotahi, and staff are awaiting confirmation of the percentage of funding that will be provided. Mr Benadie explained that for emergency events, Waka Kotahi will consider funding more than the standard FAR rate if higher thresholds are met. If the higher thresholds are not met, the FAR rate defaults to the normal rate (65%).

Mr Tombs advised that this work has currently been allocated to an existing operational budget ("subsidised roading maintenance work") that is well under its year-to-date spend.

Cr Raukawa joined the meeting at 9.57 am.

Undertaking:

That staff inform the A/I Committee of how the unbudgeted expenditure for these two roading works will be funded.

Resolved minute number 22/AIN/010

That the report 'Funding of local share of 13 December 2021 Weather Event – Damage to Road Network' be received.

Cr N Belsham/Cr G Duncan. Carried

Resolved minute number 22/AIN/011

That the Council approves additional expenditure of up to \$1,820,000 (plus GST) for roading emergency works. Waka Kotahi's funding assistance rate is still to be confirmed. The remainder of the cost will be covered by the Council local share as unbudgeted expenditure.

Cr N Belsham/Cr A Gordon. Carried

Resolved minute number 22/AIN/012

That Council and the Assets/Infrastructure Committee be informed of any deferrals to the roading maintenance schedule.

HWTM A Watson/Cr A Gordon. Carried

9.2 Funding of local share of 12 February 2022 Weather Event – Damage to Road Network

The Mayor advised that Waka Kotahi will determine the FAR rates for both this weather event and the weather event that took place 13 Dec 21 – he asked that staff confirm these rates and advise the Committee.

In response to a query about whether these two works could be assigned as capital expenditure, Mr Tombs advised that generally repairs are classified as operating expenditure and improvements are classified as capital expenditure.

In response to a query, Mr Benadie confirmed that these works would not be covered by insurance.

Resolved minute number 22/AIN/013

That the report 'Funding of local share of 12 February 2022 Weather Event – Damage to Road Network' be received.

Cr N Belsham/Cr A Gordon. Carried

Resolved minute number 22/AIN/014

That the Council approves additional expenditure of up to \$341,000 (plus GST) for roading emergency works. Waka Kotahi's funding assistance rate is still to be confirmed. The remainder of the cost will be covered by the Council local share as unbudgeted expenditure.

Cr N Belsham/Cr G Duncan. Carried

10 Reports for Information

10.1 Assets and Infrastructure Report - March 2022

Cr Gordon advised that he had forwarded a number of queries (around road maintenance) to staff via email on 13 Apr 22. This email was not tabled as part of the meeting. He asked staff if they had any updates to these queries. Mr Benadie advised that he had forwarded these queries on to the roading team, and they did not yet have any firm answers.

Mr Gifford advised that there were several factors that were currently reducing the levels of road maintenance that could be carried out. These included the weather (e.g. being too dry to regrade steep gravel roads), the COVID-19 situation, and the recent adverse weather events necessitating emergency work elsewhere. He advised that Okaka Road will be graded next week, and Te Kapua Road will also be graded shortly.

In response to a query, Mr Geerkens advised that the current cost for an unsealed road was \$1,800 per kilometre, and around double that for a sealed road, although he noted that they have different levels of traffic and ongoing maintenance costs.

In response to a query, Mr Geerkens advised that the Corridor Management Plan recommends a speed limit of 80 km/h for the Taihape-Napier Road.

Mangaweka Bridge

The Mayor advised that he had received a series of emails (tabled as part of this meeting) from ratepayers regarding the opening of the new Mangaweka Bridge. Several councillors agreed that the delay of the bridge opening was costing businesses. Mr Benadie advised that the opening date had always been set as June 2022. The bridge may be opened earlier as the project was ahead of schedule, but this could not yet be confirmed. Mr Beggs agreed that the bridge may be able to be opened earlier, but this would be done after consultation and consent from iwi.

It was requested that details on the work still to be completed be advised at the April Council meeting.

Undertakings:

Staff to outline on the Council website what work remains to be completed on the Mangaweka Bridge, before it can be opened to the public.

Staff to provide a report to the next Council meeting on the Mangaweka Bridge, including what risks would be associated with potentially expediting the project.

Papakai Pump Station

In response to a query, Mr Benadie advised that the current budget is not sufficient and will need to be addressed. Staff will bring a report on this to a future Committee meeting, once the contractor has provided estimates on the cost. Mr Benadie also advised that the Amenities Building in Taihape was in a similar situation – staff will bring a report detailing this to a future Committee meeting.

Marton Footpaths

Cr Belsham advised that several members of the public have raise an issue with him of footpaths in Marton being blocked by barriers that were put in place to prevent cyclists. This is preventing mobility scooters using the footpaths. Mr Benadie advised that he will look into this.

Utilities Budgets

Mrs Mcilroy advised that COVID-19 has presented hurdles for contractors. A paper will be presented to Council at the end of June seeking approval for a test bore and possible production bore contract for the Marton-Bulls Wastewater Centralisation Project.

Water

Mrs Mcilroy advised that staff are purchasing a valve for the Taihape Water Treatment Plant, in order to try and reduce the water intake to compliant levels. Mr Benadie advised that staff are communicating with Horizons Regional Council about this water intake and keeping them informed of Council's efforts to be compliant.

Solid Waste

Mr Benadie advised that a Section 17A (review of service delivery) was underway to compare different supply models. Staff will present a report on this at a future Committee meeting.

Taihape Wastewater Treatment Plant

Mr Benadie advised that the plant is non-compliant with too much aluminium being recorded. Staff are hoping to have more realistic consents in place for issues like this. The Mayor advised that he had asked the Department of Internal Affairs (DIA) whether any non-compliance issues for wastewater treatment plants would be passed on to the new water entity (under the Three Waters Reform) – the DIA were unable to provide an answer to this.

Resolved minute number 22/AIN/015

That the Assets and Infrastructure Report – March 2022 be **received**.

Cr R Lambert/HWTM A Watson. Carried

The meeting closed at 11.17 am.

The minutes of this meeting were confirmed at the Assets/Infrastructure Committee held on 9 June 2022.

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Chairperson

7 Follow-up Action Items from Previous Meetings

7.1 Follow-up Action Items from Assets/Infrastructure Meetings

Author: Ash Garstang, Governance Advisor

1. Reason for Report

- 1.1 On the list attached are items raised at previous Assets/Infrastructure meetings. Items indicate who is responsible for each follow up, and a brief status comment.

2. Decision Making Process

- 2.1 Staff have assessed the requirements of the Local Government Act 2002 in relation to this item and have concluded that, as this report is for information only, the decision-making provisions do not apply.

Attachments

1. **Follow-up Actions Register** [↓](#)

Recommendation

That the report 'Follow-up Action Items from Assets/Infrastructure meetings' be received.

Current Follow-up Actions

Item	From Meeting Date	Details	Person Assigned	Status Comments	Status
1	14-Apr-22	Staff to outline on the Council website what work remains to be completed on the Mangaweka Bridge, before it can be opened to the public. Staff to provide a report to the next Council meeting on the Mangaweka Bridge, including what risks would be associated with potentially expediting the project.	Arno Benadie	This information is now on Council's public website, and a report was provided to the Council meeting in April 2022.	Closed
2	14-Apr-22	Cr Belsham requested that "carry-over budget lines" are clearly labeled in the Infrastructure Group Report (ref: p. 33 of the Order Paper for 14 Apr 22).	Arno Benadie	Carry over budget lines are now clearly marked.	Closed
3	14-Apr-22	Regarding cyclist barriers on footpaths in Marton: Cr Belsham advised that several members of the public have asked these to be removed, as they are blocking those using mobility scooters. Staff will look into this and advise.	Arno Benadie	Roading staff will look at the locations with bars and advise if any work is required. No inspections have been done to date	In progress
4	14-Apr-22	Regarding the funding of local share for both the 13 Dec 21 and 12 Feb 22 Weather Events (Damage to Road Networks): Staff undertook to inform the A/I Committee of how the unbudgeted expenditure for these works will be funded. Staff will also confirm the FAR rate percentages being	Arno Benadie / Dave Tombs	Details regarding the weather damage and Waka Kotahi contribution is included in the Infrastructure report prepared for this meeting.	In progress
5	10-Feb-22	Staff to organise a workshop for elected members to address the maintenance of the unsealed road network and the impact of increased forestation on the condition of roads that are used by logging trucks.	Carol Gordon / Arno Benadie	To be scheduled for one of the workshops planned during 2022. June update - topics for workshops are discussed with Mayor / Deputy Mayor each month, this item will be scheduled as part of those discussions.	In progress

6	10-Feb-22	As per Cr Carter's request: staff to investigate if there is any intention of putting a speed restriction OR some indicator/signage for the first right-hand bend, west of the Rangitikei Golf Club (on Raumai Road).	Arno Benadie	Chevon arrows have been erected at this site. By the end of April a g-force pendulum test will be carried out to determine what speed the yellow speed recommendation signs should display. Signs will then be erected that reflect the test results. The g-force tests has been delayed due to staff availability and will now be completed in July 2022.	In progress
7	9-Dec-21	HWTM and Cr Gordon requested that staff arrange a workshop for Elected Members, to focus on housing within the district.	Jaime Reibel	The 1st housing workshop was held with Elected Members on 17th February and the 2nd on 17th March 2022.	Closed
8	9-Dec-21	HWTM requested that staff investigate what has been submitted to Waka Kotahi regarding the introduction of reduced speed limits within the district.	Arno Benadie (formerly Jess Mcilroy)	Nothing yet – will work with MDC on a submission regarding the reduction of speed limits in the district.	In progress
9	14-Oct-21	Regarding the installation of smart devices for water metres: Mr Benadie will update the Committee on the implementation of these at the next Assets/Infrastructure meeting.	Arno Benadie	Work in the district to start on 13 June in Taihape. Marton and Bulls will follow and should be completed by the end of July 2022. The devices will detect and monitor water movement across the networks and identify water loss volumes and locations.	In progress
10	12-Aug-21	There was some confusion about whether the gradient of the Calico Line-Broadway intersection had in fact been restored to its original level. Mr Benadie, Cr Belsham and Cr Ash to review Calico Line-Broadway intersection for the grading and paint. Update 14 Oct 21: Re-opened at Cr Belsham's request, as this issue is ongoing. Update 09 Dec 21: Cr Belsham requested that staff push the contractor to amend the road marking.	Arno Benadie	The confusion has been resolved and the finished road level has been discussed with the roading team and contractor. We have a commitment from the roading team that the remediation works will be completed by the end of May 2022.	In progress

ITEM 7.1 ATTACHMENT 1

11	12-Aug-21	<p>Regarding the sealing of Edwards Street in Bulls - staff will ensure that this is rectified with the relevant contractor, at no additional cost to Council.</p> <p>Update 14 Oct 21: Re-opened at Cr Carter's request, as this issue is ongoing.</p>	Arno Benadie	<p>The sealing of Edward street has been discussed with the roading team and contractor and is now under review. We have a commitment from the roading team that the remediation works will be completed by the end of May 2022.</p>	In progress
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8 Chair's Report

8.1 Chair's Report - June 2022

Author: Dave Wilson, Councillor

Welcome all

As a part of the May Council meeting agenda, we received the Waka Kotahi Technical Investment Audit Report for the Rangitikei Districts Roads. This item is also on today's agenda for further discussion and understanding.

The report highlighted three areas where 'some Improvement' is needed, being Network Condition Management; Activity Management; and Road Safety.

Whilst these areas are listed as needing some improvement, the report also indicates that the road network is being well managed and is generally in good condition.

However, with increasing weather events impacting our roading network particularly on un-sealed sections in the North of the district, do we need to review our management strategies around preventive maintenance as apart of 'Network Condition and Management' - Are we spending money and putting resources in the right places?

How do we ensure the trouble spots are being effectively monitored?

What is the expected level of service and performance in the areas?

With the roading network being a significant part of Councils budgets and also vital to the overall performance and well-being of our district are we managing it effectively?

Given tight financial constraints and budgets in this area how can we get improved levels of service to help prevent the damage caused by increasing weather events?

Lots of questions, with no easy answers.

Recommendation

That the Chair's Report – June 2022 be received.

9 Reports for Information

9.1 Assets and Infrastructure Report - May 2022

Author: Arno Benadie, Chief Operating Officer

Authoriser: Peter Beggs, Chief Executive

1. Reason for Report

1.1 To provide an update to the committee on items relating to Council's assets and infrastructure.

2. Roothing

The delivery of the 2021/22 Roothing programme has been severely affected by the impact of Covid-19 on the supply chain and contractor resourcing and availability. This was further disrupted by the significant weather events that the district experienced in late 2021 and early 2022 that diverted work crews to attend to repairs.

2.1 Emergency Works

The December 2021 storm event caused an estimated \$1,820,000 damage to the Rangitikei Road Network. The February 2022, and May 2022 storm events caused further damage estimated at \$341,000.

A claim has been submitted to Waka Kotahi for \$2,161,000, and is expected to be approved in June 2022.

The Financial Assistance Rate for the Emergency Works claim is expected to be 63% for the first \$1,100,000, increasing to 83% for the other \$1,061,000.

Emergency Works from the December 2021, February 2022, and May 2022 storm events are currently progressing. The costs are currently coming out of the Maintenance and Renewal Budgets.

On receipt of the Emergency Works funding from Waka Kotahi the costs incurred to date will be journalled to that fund.

Construction work is underway at some sites, other more complex sites are being designed.

The primary emergency works related projects are as follows:

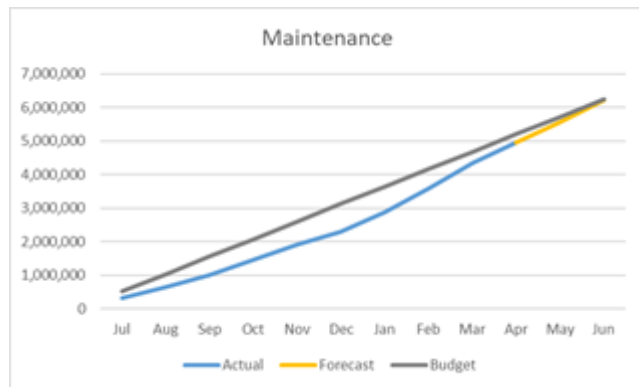
Location	Start	Finish	Comments
Mt Curl Overslip RP 3000	Jan 22	Feb 22	Complete
Turakina Valley Road 3 Braemore Bridge Retaining Wall reinstatement RP 97	Dec 21	Jan 22	Complete
Carriageway reinstatement due to scour damage various locations	Jan 22	Nov 22	Underway
Turakina Valley Road 3 Underslip RP 790	May 22	Jun 22	95% Complete
Mangahoe carriageway reinstatement - Blocked drains to be cleared in farmers paddock	Deferred to 22/23	Deferred to 22/23	Programmed June-Sep 22

<ul style="list-style-type: none"> - Contact landowners to gain access to drains - Provide Horizons with a report on any outstanding work that it should attend to. 			
Watershed Road South Underslip RP 8925	Deferred to 22/23	Deferred to 22/23	Programmed Oct-Dec 22
Watershed Road North Underslip RP 1008	Deferred to 22/23	Deferred to 22/23	Programmed Oct-Dec 22
Watershed Road Underslip RP 13184	Deferred to 22/23	Deferred to 22/23	Programmed Oct-Dec 22
Tiriraukawa Road underslip RP 8070	Deferred to 22/23	Deferred to 22/23	Programmed Oct-Dec 22
Kauangaroa Road, Whangaehu River Dropout RP 1509p	Deferred to 22/23	Deferred to 22/23	Investigation and design underway.
Mt Curl Drainage restoration	Deferred to 22/23	Deferred to 22/23	Programmed June-Sep 22

2.2 Maintenance

This work provides for the routine care of sealed pavements to maintain their structural integrity and serviceability.

Expenditure is slightly under the straight-line forecast. This is normal as structural repairs are generally not carried out during the wet winter months.

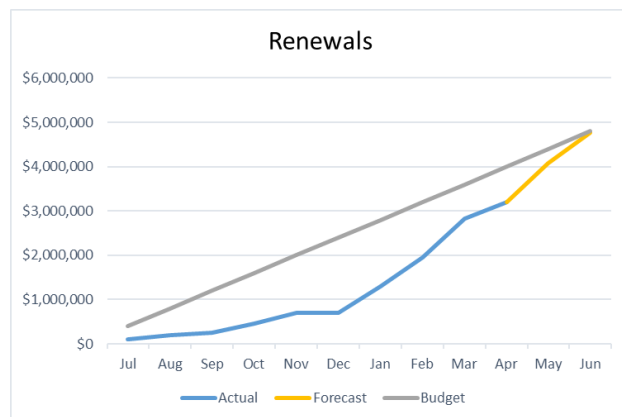


2.3 Renewals

This work provides for non-routine planned periodic renewal of sealed and unsealed road pavements, drainage, and structures.

Sealed road pavement rehabilitation provides for the replacement or restoration of strength to sealed pavements where other forms of maintenance and renewal are no longer economic.

Project design was completed during the first half of the financial year with construction following in the dryer months of the year. This expenditure line



follows a distinct 'S' curve and expected to be above the average line during the dryer months of the year.

50 km of reseals was programmed. The actual length sealed was 45km leaving sufficient budget to surface Main Street, Station Road, Matai Street intersection to be surfaced in hot mix.

Rehabilitation:

Location	Start	Finish	Comments
Pukepapa Rd RP 3280-3583 Length 303m	Deferred to 22/23	Deferred to 22/23	Design complete. Construction is programmed to commence in Oct.
Santoft Road RP 8010-8410 Length 400m	Deferred to 22/23	Deferred to 22/23	Design complete. Construction is programmed to commence in Oct.
Santoft Road RP 6000-7500 Length 1500m	Deferred to 22/23	Deferred to 22/23	Design complete. Construction is programmed to commence in Oct.
Ruatangata RP230-525 Length 175m (reserve project)	Deferred to 22/23	Deferred to 22/23	Design complete. Construction is programmed to commence in Oct.

Designs were delayed by lack of Professional Services resources. It was not prudent to commence construction so late in the season. Construction is programmed to commence in October 2022.

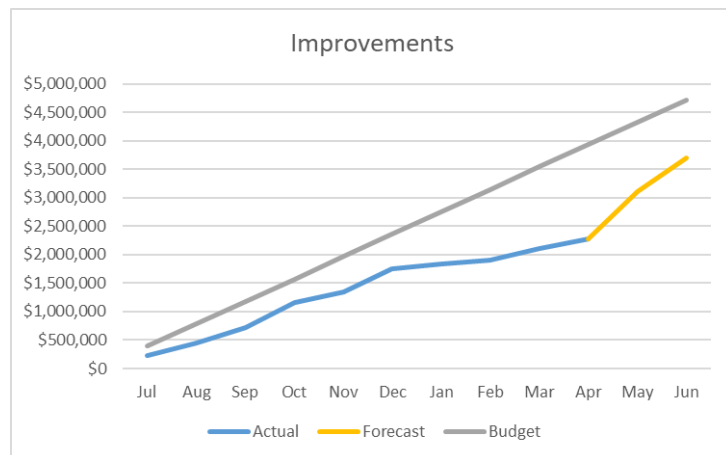
Structural Component Replacement:

Location	Start	Finish	Comments
Makirikiri Road Crofton - waterproof joints/Deck and resurface	Apr 22	Apr 22	Complete
Calico Line - replace/support to slumped wing walls	Apr 22	Jun 22	Work to start in June 22
Aldworth Road - replace gabions under bridge	Mar 22	May 23	Work staged over two years
Pukerua Road - support to slumped wing walls	Feb 22	Apr 23	Work staged over two years
Turakina Valley Road 3 Colliers Junction - replacement of retaining wall and support of slumping fill	Jan 22	Feb 22	Complete
Turakina Valley Road 2 - replacement of retaining wall	Oct 21	Nov 21	Complete

Parewanui Road - reinstatement of retaining wall	Oct 21	Nov 21	Complete
Bruce Road Omaha Bridge - reinstatement of retaining walls	Oct 21	Nov 21	Complete
Network bridge corrosion assessment	Nov 21	Jun 22	Site investigations underway
Special Inspections/Assessments/Investigations	Oct 21	Jun 22	Professional Services
Kensington Road - waterproof joints/Deck and resurface	Deferred to 22/23	Deferred to 22/23	Deferred to 22/23 to be in sync with the repair programme for the adjacent road section.

2.4 Road Improvements

This work category provides for improvements to or upgrading of existing roads within the existing or widened road reserve.



Low cost, low risk roading improvements: This work category provides for the construction / implementation of low-cost, low-risk improvements to the transport system.

Expenditure to date has been on design work. Construction is programmed to start in September 2022.

Design, and consenting issues have delayed some projects. The emergence of Omicron and Government’s Red-Light restrictions have also caused delays in the supply chain. The combination of these factors have impacted on the delivery of the Low Cost-Low Risk programme.

The approved 2021-22 budget for “Low cost, low risk roading improvements” was \$4,661,712. This ambitious program could not be achieved therefore \$2,600,000 will be carried forward into 2023/24 and 2024/25 financial years. In addition, and based on current programme delivery and disruption, it is anticipated that a further \$700,000 (approximately) will also need to be carried forward from the 2021/22 financial year.

Road Improvements

ITEM 9.1

Location	Start	Finish	Comments
Gleasons Road - Ben Nevis (RP0.050) Seal bridge approaches	Oct 21	Nov 21	Complete
Whaka Road (RP various)	Feb 22	Apr 22	Complete.
Swan Street: New footpath, kerb and channel and road safety barrier RP(0.090-0.140)	Feb 22	Feb 22	Complete
Parewanui Road – seal widening (RP7500-8300)	Feb 22	Mar 22	Complete.
Kauwhatau Valley Road safety barrier	Oct 22	Oct 22	Complete
Turakina Valley Road-3 (RP5.998-6.400)	May 22	Jun 22	Installing compliant guardrail
Koukoupou Road - Koukoupou No2 (RP2.887)	Deferred to 22/23	Deferred to 22/23	Seal bridge approaches Resources re-assigned to flood damage work.
Tiriraukawa Road – Mangaone (RP11.904)	Deferred to 22/23	Deferred to 22/23	Seal bridge approaches Resources re-assigned to flood damage work.
Waikakihi Road – Birds Bridge (RP1.155)	Deferred to 22/23	Deferred to 22/23	Seal bridge approach Resources re-assigned to flood damage work.
Parewanui Road (RP3.500-4.100) Improve curve geometry and widen road formation.	Deferred to 22/23	Deferred to 22/23	Draft design completed. Requires land entry agreements and resource consent to be submitted Jun - 22. Anticipate construction Feb - Apr 23
Taihape Napier Road 1&2 (RP – various)	Deferred to 22/23	Deferred to 22/23	Intersection sealing
Ruahine / Cage Road (RP0.350 – 0.600) Retreat the road back from high bluff.	Deferred to 22/23	Deferred to 22/23	Design and land entry is complete. Locating a fill site is proving to be a problem. RMA consent is being compiled.
Makirikiri Road (RP13.190 – 13.340)	Deferred to 22/23	Deferred to 22/23	Schultz Bridge, install compliant guardrail
Turakina Valley Road 2 / Mangatipona Rd Intersection. (RP17.202-17.322) Retreat road away from unsafe corner at intersection.	Deferred to 22/23	Deferred to 22/23	Earthworks complete. Pavement deferred to 2022-23
Mt Curl Road (RP5.087-6.001)	Deferred to 22/23	Deferred to 22/23	Curve geometry improvements.
Ruanui Road (RP0.936-1.478) Improve geometry and widen the road formation.	Deferred to 22/23	Deferred to 22/23	Design complete. Discussing with DOC regarding legalising the road. WSP will be completing the Resource Consent.
Taihape Napier Road 1 (RP3.400 – 3.550)	Deferred to 22/23	Deferred to 22/23	Widen road opposite a previous underslip.
Wanganui Road (RP3.080-3.480) Williamsons Line RTB.	Deferred to 22/23	Deferred to 22/23	Design is complete. Land acquisition underway. Cable utilities have to be relocated.

Turakina Valley Road 3. RP 2.050-3.785. improve geometry, repair deteriorated pavement, guardrail installation	Deferred to 22/23	Deferred to 22/23	Design is complete. Awaiting land acquisition. Construction is likely to be spread over 2 summers.
Spooners Hill Road Stage 1 (RP10.990-11.775). Safety improvements	Deferred to 22/23	Deferred to 22/23	Design underway. Physical works in 2022-23
Marton School / Hereford Street. Safety footpath and foot bridge	Deferred to 22/23	Deferred to 22/23	A draft design has been completed. This project is in the planning phase and requires RMA and Iwi consent.
Nga Tawa Rd: Marumaru St Marton to Nga Tawa School walking and cycling shared pathway.	Deferred to 22/23	Deferred to 22/23	A draft design is completed
Fern Flats Geometric Improvements	Deferred to 22/23	Deferred to 22/23	Earthworks underway. Pavement will be next year.

Resilience improvements: This work category provides for non-routine work to protect the following from damage.

Location	Start	Finish	Comments
Okirae Road RP 1.600 – 1.900: Installation of extra culverts to protect slip sites.	May 22	Jun 22	In progress
Okirae Road RP 1.600 – 1.900: Scaling of Bluffs to remove hazardous material.	Mar 22	Apr 22	Complete
Various locations: Stream channel rock protection	Dec 21	Mar 22	Complete
Pohonui Road RP 8.814-6.787: Installation of extra culverts to protect slip sites.	Sept 21	May 22	50% Complete
Kilkern Road RP 1.665 – 1.805: Fill deep drains with rock	Apr 22	May 22	50% complete
Mortons Road RP 0.010 – 0.041: Stabilise abutment to Puketoi Bridge.	Deferred to 22/23	Deferred to 22/23	Investigation and design this year, construction deferred to 2022/23.
Rangitane Road RP 0.693 – 3.696: Installation of extra culverts to protect slip sites.	Deferred to 22/23	Deferred to 22/23	
Various Roads: Multiplate and light weight culvert invert repair	Deferred to 22/23	Deferred to 22/23	Invest Design process underway
Abattoir Road RP 0.614 – 0.642: Train stream away from bridge and place rock	Deferred to 22/23	Deferred to 22/23	RMA & Iwi Consent required

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Photo: removing loose material from the face of the Okirae Bluff using a crowbar – 24 March 22.

Bridge and structural renewals: This is a new work category for 2021-24, providing for the renewal of bridges and structures on a ‘like for like’ basis, as opposed to provision of new or upgrading of existing assets.

Project	Start	Finish	Comments
Turakina Valley Road 3 Colliers Junction - replacement of retaining wall and support of slumping fill	Jan 22	Feb 22	Complete
Turakina Valley Road 2 - replacement of retaining wall	Oct 21	Nov 21	Complete
Parewanui Road - reinstatement of retaining wall	Oct 21	Nov 21	Complete
Bruce Road, Omaha Bridge – reinstatement of retaining walls	Oct 21	Nov 21	Complete
Network bridge corrosion assessment	Nov 21	Jun 22	Assessment to provide costs and prioritised programme

Special Inspections/Assessments/Investigations	Oct 21	Jun 22	Professional Services
Kensington Road - waterproof joints/Deck and resurface	Deferred to 22/23	Deferred to 22/23	Kensington Road - waterproof joints/Deck and resurface
Calico Line - replace/support to slumped wing walls	Deferred to 22/23	Deferred to 22/23	Calico Line - replace/support to slumped wing walls
Aldworth Road - replace gabions under bridge	Deferred to 22/23	Deferred to 22/23	Aldworth Road - replace gabions under bridge
Pukerua Road - support to slumped wing walls	Deferred to 22/23	Deferred to 22/23	Pukerua Road - support to slumped wing walls

Road to Zero: This work category provides for the construction / implementation of high priority low-cost, low-risk improvements to the transport system.

The process to install active signage and reduce speed limits is protracted. It requires consultation with Community Boards, and approvals from Council and Waka Kotahi.

Location	Start	Finish	Comments
Safer Journeys for Schools			
Marton School / Hereford Street, active signage	Design Feb 22 Construction Deferred to 22/23	Design Jun 22 Construction Deferred to 22/23	Design and draft plans 85% complete
Rangitikei College / Bredins Line, active signage	Design Feb 22 Construction Deferred to 22/23	Design Jun 22 Construction Deferred to 22/23	Design and draft plans 85% complete
James Cook Primary School / Mill St, active signage	Design Feb 22 Construction Deferred to 22/23	Design Jun 22 Construction Deferred to 22/23	Design and draft plans 85% complete
St Matthews School / Russell Street. active signage	Design Feb 22 Construction Deferred to 22/23	Design Jun 22 Construction Deferred to 22/23	Design and draft plans 40% complete
Road Corridor & Intersection Safety			
Ratana Road; safety barrier RP 0.870-1.100	Sep 21	Sep 21	Complete
Spooners Hill Road, safety barrier RP 11.347-11.631	Deferred to 22/23	Deferred to 22/23	Survey, design and physical works deferred 22/23
Speed Management (Urban)			

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Ratana RP 1.552-1.845 Reduce speed limit from 50kph to 40kph	Design Feb 22 Construction Deferred to 22/23	Design Jun 22 Construction Deferred to 22/23	Design 60% complete Consult with Community Board and Council Obtain NZTA approval Erect signs deferred to 22/23.
Speed Management (Rural)			
Ratana Road RP 0.020-1.552 Reduce speed limit from 100kph to 80kph or 60kph	Design Feb 22 Construction Deferred to 22/23	Design Jun 22 Construction Deferred to 22/23	Design 60 % complete Consult with Community Board and Council Obtain NZTA approval Erect signs deferred to 22/23.
Taihape Napier Road Speed limit review as recommended by Corridor Management Plan.	Deferred to 22/23	Deferred to 22/23	Design deferred to 22/23 Consult with Community Board and Council Obtain NZTA approval Erect signs deferred to 22/23.

Footpath Programme

Location	Start	Finish	Comments
Toia St – Footpath & K&C	Apr 22	May 22	95% complete, seal the road shoulder and construct the grass berms
Hair St – Footpath & K&C	Apr 22	Jun 22	Started 30 May, expect to be completed mid-July

2.5 Unsubsidised Construction*Urban Unsubsidised construction*

Location	Start	Finish	Comments
Investigate sealing Cobber Kain Ave, Memorial Hall and playground carpark: Design of upgrade and part 1 of construction.	Deferred to 22/23	Deferred to 22/23	Draft geometric design is complete

Rural Unsubsidised construction

Location	Start	Finish	Comments
Mt Curl Road seal extension	Deferred to 22/23	Deferred to 22/23	Sealing the route in 2 parts
Industrial subdivision, between Makirikiri Road and Wings Line	TBC	TBC	Contingency funding for possible work in the road corridor associated with the Marton Hub Development

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2.6 Other Projects

Mangaweka Bridge

The approach road on the Manawatu side was completed in May 2022.

Planting, guardrail and ancillary work are programmed to be completed by 8 July 2022.

2.7 Health and Safety

 RDC - ZERO HARM REPORTING 		JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
LEAD INDICATORS													
Type	Explanation	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
Drug and Alcohol Tests	LEAD: Total number of drug and alcohol tests completed in the period for pre-employment	4	3	3	2	3	2	2	3	4	4		
Positive Drug and Alcohol Tests	The total number of positive Drug and Alcohol test results in the period	0	0	0	0	0	0	0	0	0	1		
Site H&S Conversations	The total number of site H&S Conversations completed in the period by Contractors or site	4	2	5	4	3	4	3	2	2	3		
Site Health and Safety Audits	The total number of site Health and Safety Audits completed in the period by the	6	3	2	6	5	4	3	2	2	3		
Safety Briefing	The total number of Safety Briefings completed in the month including pre-starts, toolbox	4	2	4	4	5	3	4	3	2	3		
Near Miss (Close call)	The total number of Near Misses submitted in the month by the site team	0	0	0	0	0	0	0	0	0	0		
Traffic Management Inspection	Total number of audits completed by the designated Site Traffic Manager Supervisor	0	0	0	0	0	0	0	0	0	0		
Sub Contractor Review	Number of Sub Contract Reviews completed by the main Contractor in the period	0	0	0	0	0	0	0	0	0	0		
Stop Work Action	The number of occasions when work is suspended proactively due to a member of the	0	0	0	0	0	0	0	0	0	0		
Positive Reinforcement	The number of occasions the site team have been congratulated of a proactive action or	0	0	0	0	0	0	0	0	0	2		
LAG INDICATORS													
Type	Explanation	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
Fatal Injuries	Any incidents resulting the loss of life of a transport agency, contractor or Sub Contractor	0	0	0	0	0	0	0	0	0	0		
Notifiable Injuries	Any incident required under H&S Legislation to be reported to a Statutory Authority e.g. Worksafe	0	0	0	0	0	0	0	0	0	0		
Lost Time Injuries	Any work related injury or illness certified by a Medical Practitioner and compensable under	0	0	0	0	0	0	0	0	0	0		
Medical Treatment Injuries	The Management and care of a patient to effect Medical Treatment or combat disease or	0	0	0	0	0	0	0	0	0	0		
First Aid Injuries	Treatment administered by and within the qualifications of a trained first aid attendant or	0	0	0	0	0	0	0	0	0	0		
Recordable Injuries	NO NOT COMPLETE	0	0	0	0	0	0	0	0	0	0		
Serious Environmental Incidents	Environmental controls absent or construction of a device is so poor that it is likely to or has led	0	0	0	0	0	0	0	0	0	0		
Service Strikes	Contact with an above ground or buried service resulting in damage or potential damage to the	0	0	0	0	0	0	0	0	0	0		
Property Damage	Contact with third party property resulting in damage	0	0	0	0	0	0	0	0	0	0		

2.8 Financial Tracking

1.7 Roading Budgets

RDC Roading Budgets 21-22FY as at 31/03/2022				
Project	Details	Project Budget	Spend to Date	% Notes
Roading				
Subsidised Maintenance and Renewal				
	Sealed pavement maintenance	\$1,377,666	\$895,483	65%
	Unsealed pavement maintenance	\$442,509	\$287,631	65%
	Routine drainage maintenance	\$988,386	\$642,451	65%
	Structures maintenance	\$219,655	\$142,776	65%
	Environmental maintenance	\$1,326,300	\$862,095	65%
	Network service maintenance	\$408,260	\$265,369	65%
	Network operations	\$871	\$566	65%
	Cycle path maintenance	\$1,020	\$663	65%
	Footpath maintenance	\$125,239	\$81,405	65%
	Rail level crossing warning devices maintenance	\$22,440	\$14,586	65%
	Minor events	\$126,666	\$82,333	65%
	Network and asset management	\$1,204,105	\$782,668	65%
	Unsealed road metalling	\$443,700	\$288,405	65%
	Sealed road resurfacing	\$1,359,821	\$883,884	65%
	Drainage renewals	\$735,000	\$477,750	65%
	Sealed road pavement rehabilitation	\$1,204,105	\$782,668	65%
	Structures component replacements	\$453,500	\$294,775	65%
	Bridge and structures renewals	\$75,000	\$48,750	65%
	Environmental renewals	\$0	\$0	
	Traffic services renewals	\$292,195	\$189,927	65%
	Cycle path renewal	\$0	\$0	
	Footpath renewal	\$231,624	\$150,556	65%
	Total Subsidised Maintenance and Renewal	\$11,038,062	\$7,174,741	65%
Subsidised Local Road improvements				
	Low cost / low risk improvements 2021-24 - Local road improvements	\$2,078,434	\$1,350,982	65%
	Mangaweka Bridge Replacement - Detailed Business Case - Implementation - LR Improvements - LR Improvements	\$2,206,995	\$1,434,547	65%
	Mangaweka Bridge Replacement - Detailed Business Case - Pre-implementation* - LR Improvements - LR Improvements	\$90,008	\$58,505	65%
	Total Local Road improvements	\$4,375,437	\$2,844,034	65%
Road to Zero				
	Low cost / low risk improvements 2021-24 - Road to Zero	\$345,000	\$224,250	65%
	Subsidised Roading Total	\$15,758,499	\$10,243,025	65%

Includes Emergency Works Costs. Once the Emergency Works are approved this will be journalled.

Programme adjustment approved by NZTA to carry forward projects to next year, value \$2.6M

3. Utilities Budgets

RDC 3 Waters Projects 21-22FY as at 30 April 2022					
Project	GL	Project Budget	Spend to date	%	Notes
WASTEWATER					
Sewerage Renewals					
Wastewater Reticulation Renewals	6070176204	500,004	57,217	11%	This funding is being used for the wastewater line replacement at the back of Wellington Road. WSP were engaged to design a WW pipe bridge renewal. WSP have suggested an alternative route and a feasibility study has been received. Findings from the study are being investigated to help determine whether to proceed with an alternative alignment, or to proceed with the pipe bridge renewal.
Wastewater Treatment Renewals	6070176205	500,000	62,191	12%	Project to be confirmed
Ratana Complete Upgrade	6070177111	500,000	114,863	23%	
Sewerage Renewals Total		1,500,004	234,271	16%	
Sewerage New Works					
Papakai Pump Station Diversion project	6070177109	1,200,000	87,745	7%	The full detailed design package for the Papakai rising main and pump station project has been received and is with Fulton Hogan for pricing. The negotiated price for construction is due to be received by 17 June. Recommendations to Council for construction of these two portions of work will be made following the conclusion of procurement negotiations.
Marion to Bulls Centralisation Project	6070177110	5,300,000	-	0%	Design of new plant will occur next financial year
WW Centralisation Marion-Bulls project	6070176206	1,200,000	3,891,834	324%	Pipeline is in construction and due to complete before 30 June 2022

Land Purchase	6070176207	1,200,000	-	0%	Land purchase has been deferred to next financial year
Sewerage New Works Total		8,900,000	3,979,579	45%	
Wastewater Total		10,400,004	4,213,850	41%	
STORMWATER					
Stormwater Drainage Renewals					
George Street Stormwater Renewal	6050177202	300,000	4,200	1%	
Bulls Stormwater Upgrades	6050177204	200,000	4,400	2%	
Stormwater Drainage Renewals Total		500,000	8,600	2%	
Stormwater Drainage New Works					
Stormwater Reticulation	6050177363	100,000	24,960	25%	
Stormwater Drainage New Works Total		100,000	24,960	25%	
Stormwater Total		600,000	33,560	6%	
WATER SUPPLY					
Water Supply Renewals					
Taihape raw water falling main	6060176324	200,004	3,381	2%	Recommended alignment has been agreed on and investigations and design are underway. Detailed design due 22-23.
Water Supply Renewals	6060176401	250,000	1,715	1%	A watermain renewal has been identified in Mataroa Rd, Taihape. The design for this will be produced in 21-22 to enable construction in 22-23.

Assets/Infrastructure Committee Meeting Agenda

Erewhon Reticulation	6061676201	120,000	-	0%	Scope of works for 21-22 financial year being scoped with the Erewhon Rural Water Scheme Committee
Water Supply Renewals Total		570,004	5,097	1%	
Water Supply New Works					
Water New Plant	6060174501	500,000	117,902	24%	
Hunterville Treatment Contractor	6060777301	300,000	-	0%	Install permanent markers on site where pipeline has been surveyed.
Marion New Bore	6060174503	1,000,000	86,494	9%	The Marion bore construction project is currently in the tendering phase. Subject to tendering, it is anticipated that drilling will be able to commence on site early 22-23. A separate sub-project for preparation of the bore construction site is also in the tendering phase. Current estimations indicate that project costs will exceed the allocated project budget.
Marion Treatment Plant Detailed Design	6060174501	400,000	117,902	29%	
Water Supply New Works Total		2,200,000	322,297	15%	
Water Supply Total		2,770,004	327,394	12%	
Three Waters Total		13,770,008	4,574,804	33%	

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4. Water Supply

4.1 Water Supply Consent Compliance

Table 1 shows the compliance of each water supply scheme against consent conditions. Only those schemes for which Rangitikei District Council (RDC) is the consent holder have been shown.

RDC is authorised to abstract surface water and groundwater to provide water for eight water schemes. The associated limits for seven of these abstractions were complied with for the duration of March and April 2022 (see Table 1 for details).

Table 1: Consent Compliance Abstraction – Water Supply (water-abstraction 1 March – 30 April 2022)

Scheme	Compliance March – April 2022	Comments	Actions
Marton	Compliant		No action required
Taihape	Non Compliant	The raw water delivery main from the Hautapu River to the Taihape WTP is a gravity main and requires more flow than is consented to operate the WTP. This is a historical design feature which prevents Council from complying with abstraction limits. HRC are aware of this constraint and an off take system is in place to divert unneeded raw water back onto the Hautapu River downstream of intake.	
Bulls	Compliant		No action required
Mangaweka	Compliant		No action required
Ratana	Compliant		No action required
Erewhon Rural	Compliant	Metering issues are not currently causing compliance issues but if not addressed will become a problem.	Investigate meter
Hunterville Rural	Compliant		No action required
Omatane Rural	Compliant		No action required

4.2 Drinking Water Standards Compliance

Table 2 shows the Drinking-Water Standards for New Zealand 2005 (Revised 2018) have been used to assess the six potable water schemes. As can be seen from Table 2 below, not all six treatment plants were compliant with the bacteria and protozoa requirements.

Table 2a: DWSNZ Compliance (1 March – 31 March 2022)

Scheme	Compliance March 2022 – Bacteria	Compliance March 2022 – Protozoa
Marton	Bacteria /E-coli Compliant : Not Detected	Protozoa/ UVT Achieved <95% validation Compliant : 99.94 %
	Bacteriological and protozoa compliant.	
Taihape	Bacteria /E-coli Compliant : Not Detected	Protozoa/ UVT - Not Achieved <95% validation Non -Compliant: Due to 36 minutes of spikes
	Bacteriological compliant. Protozoa non-compliant but three log credits achieved.	
Bulls	Bacteria /E-coli Compliant : Not Detected	Protozoa/ UVT Achieved <95% validation Compliant : 100 %
	Bacteriological and Protozoa compliant.	
Mangaweka	Bacteria /E-coli Compliant : Not Detected	Protozoa/ UVT Not Achieved <95% validation Non-Compliant: Due to 81 minutes of spikes.
	Bacteriological Compliant. Non-compliant for Protozoa due to spikes on cartridge filter and treated water turbidity meter.	
Ratana	Bacteria/E-coli Compliant : Not Detected	Protozoa Not Applicable - Secure Bore
	Bacterial and protozoa compliant.	
Hunterville Urban	Bacteria /E-coli Compliant : Not Detected	Protozoa/UVT Not Achieved < 95% validation Compliant : 100 %
	Bacterial and Protozoa compliant.	

Table 2b: DWSNZ Compliance (1 April – 30 April 2022)

Scheme	Compliance April 2022 – Bacteria	Compliance April 2022 – Protozoa
Marton	Bacteria /E-coli Compliant : Not Detected	Protozoa/ UVT Achieved <95% validation Compliant : 99.94 %
	Bacteriological and protozoa compliant.	
Taihape	Bacteria /E-coli Compliant : Not Detected	Protozoa/ UVT - Not Achieved <95% validation Non -Compliant: Due to 81 minutes of spikes
	Bacteriological compliant. Protozoa non-compliant however three log credits achieved	
Bulls	Bacteria /E-coli Compliant : Not Detected	Protozoa/ UVT Achieved <95% validation Compliant : 100 %

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Scheme	Compliance April 2022 – Bacteria	Compliance April 2022 – Protozoa
	Bacteriological and Protozoa compliant. (need to sort report)	
Mangaweka	Bacteria /E-coli Compliant : Not Detected	Protozoa/ UVT Not Achieved <95% validation Non-Compliant: Due to 256 minutes on cartridge filter
	Bacteriological Compliant. Protozoa three log credits achieved four log credits required for compliance.	
Ratana	Bacteria/E-coli Compliant : Not Detected	Protozoa Not Applicable – Secure Bore
	Bacterial and protozoa compliant.	
Huntermville Urban	Bacteria /E-coli Compliant : Not Detected	Protozoa/UVT Not Achieved < 95% validation Compliant : 100 %
	Bacterial and Protozoa compliant.	

Drinking water was safe to drink for the months of March and April 2022.

The Water Services Act 2021 gained Royal Assent on 4 October 2021. All existing schemes have been registered with Taumata Arowai, who became the new drinking water regulator on 15 November 2021.

Drinking-water Standards for New Zealand 2005 (Revised 2018) will be the operative standard until 30 June 2022. New Drinking Water Quality Assurance Rules are predicted to come into effect from 1 July 2022. Consultation on the new draft rules was open until 28 March 2022.

5. Wastewater

RDC have seven discharge consents, of which two were fully compliant for the duration of April 2022 (See below tables for details).

Table 3: Consent Compliance Legend – Wastewater Treatment Plants (WWTP)

	No sample
	Compliant
	Exceeding a limit due to upstream concentrations
	Non-Compliant

Marlon WWTP Compliance

Month	Volume	Effluent	Environment	Comments
July			Biological Oxygen Demand (BOD5)	The consent renewal and effluent quality challenges will be addressed through the Marlon to Bulls centralisation project with assistance from Lowe Environmental Impact (LEI)
Aug				
September			Biological Oxygen Demand (BOD5)	
October				
November				
December				
January				
February				
March			Turbidity	
April			Turbidity	

Taihape WWTP Compliance

Month	Volume	Effluent	Environment	Comments
July				Short term improvements are being considered to improve the effluent quality and are being addressed through the re-consenting programme.
Aug				
September				
October			Dissolved Reactive Phosphorus (DRP), Copper & Zinc	
November				
December	29 days		Suspended Silts (SS), E.coli, Dissolved Reactive Phosphorus (DRP)	
January				
February	23 days		Aluminium	
March				
April	29 days		Dissolved Reactive Phosphorus (DRP)	

Bulls WWTP Compliance

- Month	- Volume	- Effluent	- Environment	- Comments
- July	- 24 days	-	-	- The consent renewal and effluent quality challenges will be addressed through the Marlon to Bulls centralisation
- August	- Whole month	-	-	
- September	- 26 days	- Ammonia, Biological Oxygen Demand (BOD5), & Dissolved	-	

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		Reactive Phosphorus (DRP)		project with assistance from Lowe Environmental Impact (LEI)
- October	- 18 days	-	-	
- November	-	-	-	
- December	- 24 days	-	-	
- January	-	-	-	
- February	- 16 days	-	-	
- March	- 16 days	- Total Suspended Solids	-	
- April	- 17 days	-	-	

Mangaweka WWTP Compliance

Month	Volume	Effluent	Environment	Comments
- July	-	-	-	
- Aug	-	-	-	
- September	-	-	-	
- October	-	-	-	
- November	-	-	-	
- December	-	-	-	
- January	-	-	-	
- February	- 4 days due to rain events	-	-	
- March	-	-	-	
- April	-	-	-	

Hunterville WWTP Compliance

Month	Volume	Effluent	Environment	Comments
July	6 days	Dissolved Reactive Phosphorus (DRP) & E.coli		Volume and effluent exceedances will be addressed through the re-consenting programme.
Aug	11 days	Biological Oxygen Demand (BOD5), Dissolved Reactive Phosphorus (DRP) & E.coli	Volatile Suspended Solids upstream	
September	23 days			
October	16 Days	Dissolved Reactive Phosphorus (DRP)		
November	10 days			
December	12 days			
January				
February	9 days due to rainfall events	Dissolved Reactive Phosphorus (DRP)		

March	8 days	Dissolved Reactive Phosphorus (DRP)	Aluminium downstream	
April	5 days		Aluminium downstream	

Ratana WWTP Compliance

Month	Volume	Effluent	Environment	Comments
July	18 days			Council consultants are co-ordinating the reconsenting and treatment upgrade to ensure volume and effluent exceedances are addressed. Land purchased, and 1 st workshop completed. Application expected to be submitted before July 2022
Aug	22 days			
September	14 days	Dissolved Reactive Phosphorus (DRP)		
October	12 days			
November	4 days			
December	15 days	Dissolved Reactive Phosphorus (DRP)		
January				
February	10 days			
March				
April				

Koitiata WWTP Compliance

Month	Volume	Effluent	Environment	Comments
July				
Aug				
September				
October				
November				
December				
January				
February				
March				
April				

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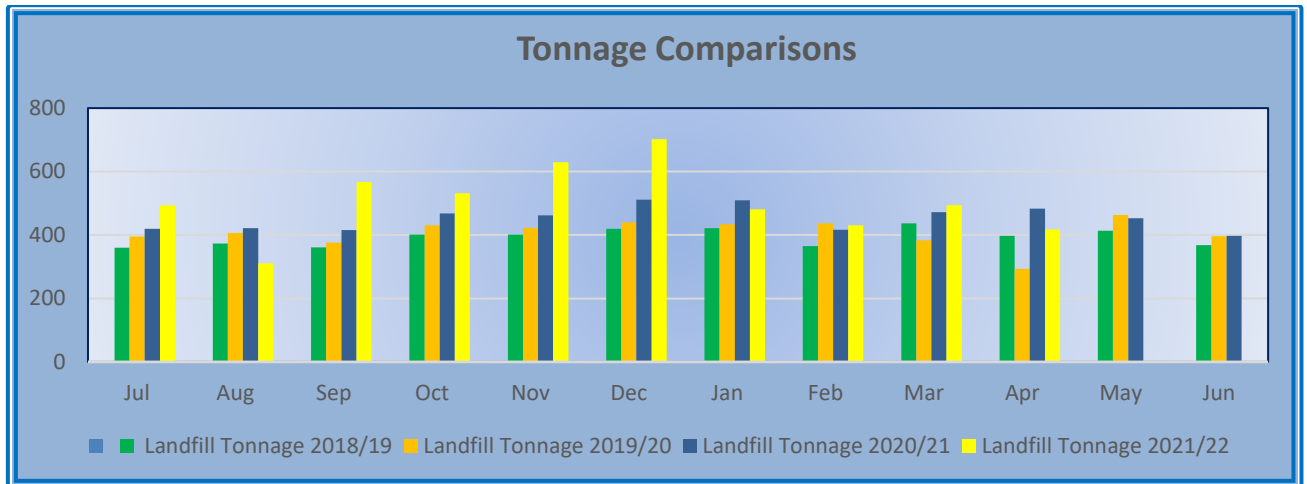
6. Solid Waste

The RDC Transfer Stations are working to full capacity.

6.1 Waste Transfer Station Monthly Trends

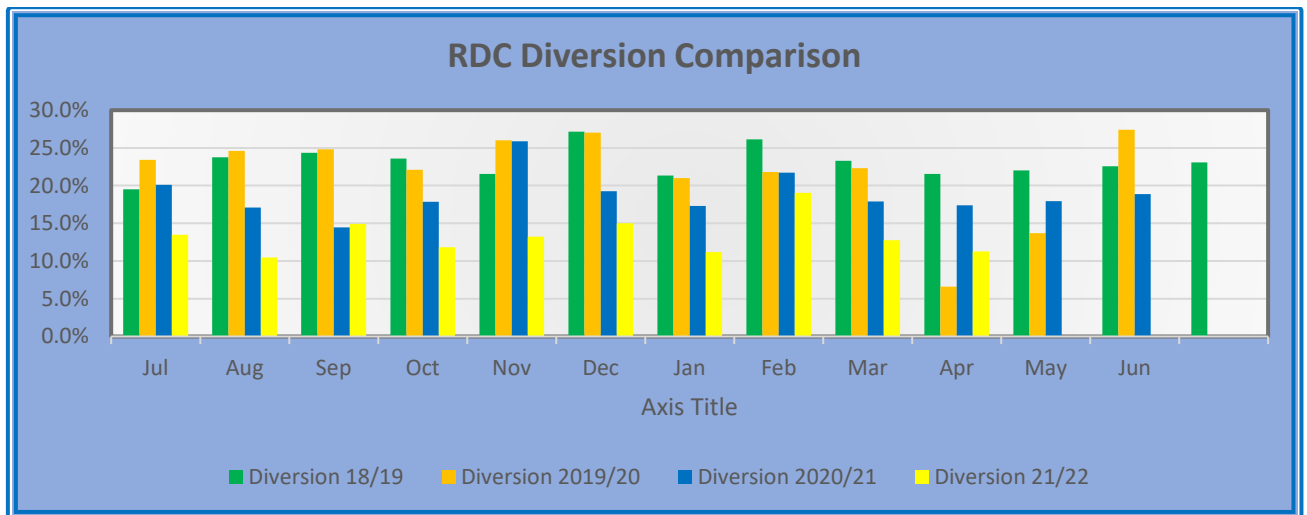
Monthly Waste to Landfill

Volumes of waste to landfill has increased slightly as the year has progressed. (2020/21 comparable month aggregate of 4500 tonnes). April 22 amount is 421 tonnes giving a year-to-date aggregate of 5000 tonnes.



Diversion Comparison

The diversion comparison measures the amount of waste diverted from the landfill for recycling or reuse. Last year the average diversion at this time of the year was 18% and this financial year the diversion rate is 13%.



Recommendation

That the Assets and Infrastructure Report – May 2022 be received.

9.2 Waka Kotahi - Technical Audit Report 2022**Author: Allen Geerkens, Programme Delivery Manager****Authoriser: John Jones, Asset Manager - Roading****1. Reason for Report**

- 1.1 To report the findings of Waka Kotahi's Technical Audit September 2021, as previously advised to the May 2022 full Council meeting. This report is shared with the Assets and Infrastructure committee to more fully discuss the audit recommendations and implications.

2. Waka Kotahi Technical Audit – 2021

- 2.1 The audit started in February/March 2021 and was received 8 March 2022. Most of the delays have been attributed to Covid.
- 2.2 The report was issued on 4 May 2022. The reference date however is considered 21 September 2021.

3. Scope of the Technical Audit

- 3.1 The scope of the audit was to assess;
 - 3.1.1 Previous Technical Audit Report (2017) issues
 - 3.1.2 Network Condition and Management
 - 3.1.3 Activity Management Planning
 - 3.1.4 Data Quality (RAMM)
 - 3.1.5 Road Safety
- 3.2 None of the issues raised required immediate implementation.
- 3.3 All the issues raised in the 2017 audit were closed out and no further action is required.
- 3.4 The table below is an extract from the Executive Summary of the Audit Report and captures the audit recommendations and implementation dates.

We recommend that Rangitikei District Council:		Implementation Date
R2.1	Develops and implements a risk-based drainage maintenance and renewal work programme for unlined water channels to improve network resilience and maximise pavement and surface asset lifecycles.	31 August 2022
R2.2	Ensures pavement renewal work programme process improvements are implemented including investigation, design, optioneering and economic (NPV) analysis.	28 February 2023
R3.1	Ensures audit recommendations and suggestions are included in the AMP improvement plan and a project plan is developed for each AMP improvement task.	31 March 2023
R3.2	Develops a safety deficiency data collection and risk-based prioritisation methodology to ensure effectiveness of the road safety work programme.	28 February 2023

We recommend that Rangitikei District Council:		Implementation Date
R3.3	Works towards further optimising the forward work programme, using an improved evidence-base and a refined treatment selection process, with road drainage, pavements, and safety being priorities.	28 February 2023
R3.4	Implements the six key actions from the 2020 RSLCMP report.	31 March 2023
R4.1	Undertakes sealed road condition rating surveys to ensure compliance with PIKB requirements	30 June 2023
R5.1	Develops and implements a risk-based programme of bridge barrier treatment improvements to ensure bridge barrier system compliance with the national guideline (Waka Kotahi M23 - Specification for Road Safety Hardware Systems).	31 August 2022
R5.2	Implements an audit of signs, markings, and delineation to identify inconsistent practice and implement a programme of work to ensure compliance with the national guideline (Traffic Control Devices Manual – Part 5).	31 August 2022
R5.3	Ensures a RSA or exemption declaration (where a RSA is not justified) is completed and resulting actions documented for each improvement and renewal project stage.	31 July 2022

Recommendation

That the Waka Kotahi – Technical Audit Report 2022 be received.

10 Next Meeting

The next Committee meeting is scheduled for 11 August 2022, at 9.30 am.

11 Meeting Closed