



RANGITIKEI
DISTRICT COUNCIL
Making this place home.

ORDER PAPER

ASSETS/INFRASTRUCTURE COMMITTEE MEETING

Date: Thursday, 13 April 2023
Time: 9.30am
Venue: Council Chamber
Rangitikei District Council
46 High Street
Marton

Chair: Cr Dave Wilson
Deputy Chair: Cr Richard Lambert
Membership: Cr Brian Carter
Cr Fi Dalgety
Cr Gill Duncan
Cr Simon Loudon
Cr Greg Maughan
Cr Jeff Wong
HWTM Andy Watson

For any enquiries regarding this agenda, please contact:

Kezia Spence, Governance Advisor, 0800 422 522 (ext. 917), or via email

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| Locations: | <table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <u>Marton</u> Head Office 46 High Street Marton </td> <td style="width: 50%; vertical-align: top;"> <u>Bulls</u> Bulls Information Centre Te Matapihi 4 Criterion Street Bulls </td> </tr> <tr> <td style="vertical-align: top;"> <u>Taihape</u> Taihape Information Centre 102 Hautapu Street (SH1) Taihape </td> <td></td> </tr> </table> | <u>Marton</u> Head Office 46 High Street Marton | <u>Bulls</u> Bulls Information Centre Te Matapihi 4 Criterion Street Bulls | <u>Taihape</u> Taihape Information Centre 102 Hautapu Street (SH1) Taihape | |
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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, 13 April 2023 at 9.30am.

Order Of Business

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AGENDA

1 Welcome / Prayer

2 Apologies

3 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 as a late item at this meeting.

6 Follow-up Action Items from Previous Meetings

6.1 Follow-up Action Items from Assets/Infrastructure Committee Meetings

Author: Kezia Spence, Governance Advisor

1. Reason for Report

1.1 On the list attached are items raised at previous Assets/Infrastructure Committee meetings. Items indicate who is responsible for 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 Committee Meetings' be received.

Current Follow-up Actions

| Item | From Meeting Date | Details | Person Assigned | Status Comments | Status |
|------|-------------------|--|-----------------------------|--|--------------|
| 1 | 11-Aug-22 | The Mayor and CE noted that information on what happens to material at RDC's waste transfer stations (i.e., being transferred to Feilding for sorting) should be made clearer to the public. | Arno Benadie | Discussions with existing contractor to confirm if the material is separated at the transfer station or at the central sorting facility. The appropriate signs will be added after we have certainty | Open |
| 2 | 11-Aug-22 | Mr Waugh will email the Chief Executive with an update on when the blocked drains at Mangahoe (on a farmers paddock) are going to be cleared. | Hamish Waugh | Included in the Infrastructure Operational Report under roading update | Closed |
| 3 | 9-Jun-22 | Staff to organise a workshop on "proactive maintenance" for the districts rural roading network (or include this topic within a workshop that's already planned). | Carol Gordon / Arno Benadie | Will be further considered in future discussions regarding the roading procurement strategy and Forestry differentials. | Closed. |
| 4 | 9-Jun-22 | As per Cr Wilson's request; staff to keep the northern ward councillors up to date on the investigation into long-term solutions for the Taihape Water Treatment Plant's capacity limitations. | Arno Benadie | Update: Design done by WSP and contractor installed for equipment. | Closed. |
| 5 | 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. Update 09 Jun 14: a report will be provided to the A/I meeting in August. Update 01 Aug : There are 16 alleyways in the District, located in Marton, Bulls, Ratana, and Taihape. These were inspected during July and bars removed at Bredins Line - Hammond St and Lower High - Hereford St. The need for bars at the remaining alleyways will be assessed. | In progress. |
| 6 | 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 provided by Waka Kotahi (via emergency funding) for these two events and advise the Committee. | Arno Benadie | Details regarding the weather damage and Waka Kotahi contribution was included in the Infrastructure report provided to the April 2023 meeting. | In progress |
| 7 | 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 | Will be further considered in future discussions regarding the roading procurement strategy and Forestry differentials. | Closed. |
| 8 | 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 | Chevron 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. Update 01 Aug: Continued wet weather has delayed this work. Weather permitting the assessment will be carried out during August/ September. | In progress |
| 9 | 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 | Determination of speed limits are now structured in a new way to allow a more holistic view of the roading network speed management. We are currently creating the first draft of the RDC Speed Management Plan. This will be open for consultation from the end of August 2023. | 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. Update 29 July: The road marking is complete. Will advise RE the bump in early August. Update April 2023 - work has now been completed. | Closed. |

7 Chair's Report

7.1 Chair's Report - April 2023

Author: Dave Wilson, Councillor

Assets & Infrastructure April 2023

Welcome all,

Having reflected on the Council order papers, from 30 March 2023. I have reviewed the PMO report and in particular the 8 current projects that are individually reported on.

Many of these have a large degree of uncertainty and will always carry 'risk' to RDC when our risk management policy is applied, therefore when being reported on a number of these significant projects will always have some degree of 'Red' in the report.

With today's full A&I meeting we have an opportunity understand these projects in more detail, however the key staff update to focus on, in my opinion, are the listed tasks completed and the next steps, these are the pathways forward.

A further thought I had was that 50% of these projects are within the 3 waters space.

Whilst Central government is being 'Somewhat indecisive' around 3waters, which is making it difficult for our Councils future planning, past decisions to push on and get these projects underway was the best option for the Rangitikei, no matter which way this Government 'jumps'.

Whilst we tend to focus our attentions on the listed PMO 'significant' projects it is important for us to remember that as a council we have signaled our commitment to many other smaller projects by way of formal resolutions or by requested staff actions, these all have financial and staff implications.

With this in mind is it a good idea to have these smaller projects reported on, say 6 mthly update? – a status report?

This may also help us to have a better overview, particularly with community group-based projects which may overlap or in fact be competing against each other, just my thinking

With our annual plan now out for review and engagement I am very much looking forward to our own council being 'decisive' in its own decisions and pushing on with a positive capital works program that will deliver better outcomes for all of the Rangitikei.

Dave

Chair

Recommendation

That the Chair's Report – April 2023 be received.

8 Reports for Decision

8.1 Parks Upgrades Partnership Application - Taihape Show Jumping

Author: Sheryl Srhoj, Manager - Property Services

Authoriser: Gaylene Prince, Group Manager - Community Services

1. Reason for Report

- 1.1. An Expression of Interest has been received from the Taihape Show Jumping Group requesting funding of \$3,488.00 from the Parks Upgrades Partnership Fund to upgrade the pavilion and track at Taihape Memorial Park (attached as Appendix 1).
- 1.2. Upgrading these facilities will ensure the continuation of the only Equestrian Sports NZ affiliated show within the Taihape area. The annual three-day event typically attracts over 300 horses and bring an influx of competitors, judges, and spectators to the town. Upgrading the track allows for easier vehicle access in all weather conditions, along with providing a safe walkway for Memorial Park recreation walkers.
- 1.3. There is also the opportunity for campers with horses to use the yards as an overnight depot. The yards area and the track are able to be used by other groups e.g. shearing, Taihape A & P Show, Dressage and other events that may have the need for either stock or temporary storage for an event.

2. Context

- 2.1. The Parks Upgrades Partnership Fund is a Council fund that aims to encourage partnerships with community groups to develop facilities for recreation and leisure in Council-owned parks and reserves. Focus is on community-led, small-scale projects (to a value of up to \$25,000, which create, replace, or improve local assets), which are considered by the Assets/Infrastructure Committee. The total value of their project is \$10,464.40.
- 2.2. The applicant is required to contribute 2/ thirds of the total cost of the project with Councils contribution being 1/ third. The applicant has \$6,976.40 available to contribute to this project.

3. Discussion and Options Considered

- 3.1. The application complies with the following principles:
 - At least 2/ thirds contribution from the applicant
 - Community-led capital/renewal project – upgrades an existing recreational facility which is available for use by other community groups
- 3.2. The application does not comply with the specification that applications will not be considered retrospectively. Poor weather and ground conditions meant that work on that track was necessary for the Gumboot/A&P and Shearing events (and the February Show

Jumping event, although this was subsequently cancelled due to wet weather/ground conditions).

3.3. The application was considered by the Taihape Community Board at their February meeting, and Board members supported this application.

4 Financial Implications

4.1 The Parks Upgrade Partnership Fund budget is \$100,000 per annum. For the year 2022/23 a total of \$65,000 has been allocated.

- \$25,000 - Wilson Park Development Group
- \$20,000 – Hunterville Community Sports Complex Trust
- \$20,000 – Hunterville Community Assets Trust

4.2 An Expression of Interest has since been received from the Marton Lions Club requesting funding of \$10,000 from the Parks Upgrades Partnership Fund to install a covered BBQ at the Dudding Lake Campground. As the project value is over \$25,000, this application will be submitted to the April Council meeting for Council’s consideration.

4.3 If the Taihape Show Jumping and the Marton Lions funding applications are approved for the full amount applied for, the remaining Parks Upgrades Partnership budget for the 2022/23 financial year will be \$21,512.00.

Attachments:

1. **Parks Upgrades Partnership Application-Taihape Show Jumping** [↓](#)

Recommendations

1. That the Parks Upgrade Partnership Application – Taihape Show Jumping report be received.
2. That the Assets/Infrastructure Committee approves/does not approve funds of \$..... from the Parks Upgrades Partnership Fund to the Taihape Show Jumping Group to upgrade the pavilion and track at Taihape Memorial Park.

1. YOUR CONTACT DETAILS

Full Name: Hannah Gudsell

Organisation (if any) Taihape Show Jumping

Street address: 7715 State Highway 1, RD4, Taihape 4794

Postal address: same as above

Post Code:

Telephone (day) 027 768 6809

[Email: h.gudsell@gmail.com](mailto:h.gudsell@gmail.com)

Contact2 Name: Gabrielle Rennie

Telephone (day): 021 042 3673

[Email: gabiwp@live.com](mailto:gabiwp@live.com)

2. YOUR PROJECT

2.1 What is the name of your project? Upgrading the Pavillion (Old Sheep Pavillion) and upgrading the track. This is part one of our long-term upgrades projects.

2.2 When will it take place: In the next month

2.3 Where will it take place: Memorial Park, Taihape

2.5 Describe your project in full:

Attach additional sheets if you need to.

Over the coming months before our show we need to undertake a lot of work on the Pavilion. This includes

- Replacing support beams
- Replacing planks on outside
- Replacing planks on inside yards
- Ripping out the old load out yards
- Replacing some guttering
- Repairing holes in roof
- Plus more

The track needs scraping back and re-gravelling as well. We have sourced local dirt for free for spreading and levelling as well.

PARK UPGRADE PARTNERSHIP FUND

2.6 What support do you have in the community for your project?

Please describe how your project came about, who you have talked with about it and what response have you had. If you have undertaken any surveys or petitions, then please include these.

The Pavillion has heaps of history, plus it is our current main yarding block for both the Show Jumping and the Dressage. We need it to be upgraded so we can continue to attract horses to our show (300+ horses at the Show Jumping).

We are also wanting to run another show in the future so need to keep upgrading these facilities. The

track needs to be upgraded in order to get trucks/floats up and down to the bottom of the park.

2.7 How does your project fit with Council’s objectives for the development of its parks and open spaces?

You will definitely need to be talking with Council staff to complete this section!

We have a ex-councilor on our board, he sees that upgrading our current buildings is imperative not only to the look of Memorial Park, but the function as well.

With the new amenities building we also can begin to capitalize more on using these yards as overnight depots for campers with horses bringing another revenue stream in.

PARK UPGRADE PARTNERSHIP FUND

3. HOW MUCH WILL YOUR PROJECT COST? Please provide **all** costs and **all** sources of income for the project you are planning.

Attach additional sheets if necessary

| Item | Amount | |
|--|--------|-----------|
| <p>70 X 150x50 H4 TW NO2 SAWN RAIL / 4.8 @ \$31.92</p> <p>Please note we had this timber delivered already so have paid the invoice. No work has been undertaken yet.</p> | \$ | 2234.40 |
| <p>100 X 150x25 H4 TW MERCH SAWN RAIL / 6.0 @ \$22.50</p> | \$ | 2250 |
| <p>Digger Work - Reinststate Driveway</p> | \$ | 4025 |
| <p>Metalling/Truck</p> | \$ | 1955 |
| | \$ | |
| <p>Total Cost</p> | \$ | 10,464.40 |
| | \$ | |
| | \$ | |
| | \$ | |

4. WHAT IS YOUR FUNDRAISING PLAN? Please provide a realistic estimate of how much funding (in cash and in kind) you will be able to contribute to this project.

The total amount of your fundraising plan must be at least two thirds of the total cost of the project. Council staff can help you to identify sources of funding for your project.

| Item | Amount | |
|---|--------|---------|
| Donated material | \$ | |
| | \$ | |
| | \$ | |
| | \$ | |
| | \$ | |
| Cash in hand towards project | \$ | 6976.40 |
| | \$ | |
| | \$ | |
| | \$ | |
| | \$ | |
| Other sponsorship/grants (please specify source/s below) | \$ | |
| | \$ | |
| | \$ | |
| | \$ | |
| | \$ | |
| | \$ | |
| | \$ | |
| | \$ | |

Amount of funding you are requesting from Rangitikei District Council: \$ 3,488

We will be applying for further funding once we have more quotes.

We are also happy to come in and present our long term plan for Taihape Show Jumping.

9 Reports for Information

9.1 Project Management Office Report - March 2023

Author: Adina Foley, Senior Project Manager

Authoriser: Arno Benadie, Chief Operating Officer

1. Reason for Report

This is a monthly report on the most significant projects (based on budget) currently being delivered by Council's Project Management Office (PMO).

The report for this month has been changed in its format and shared with the Assets & Infrastructure Committee who have endorsed the changes.

2. Notes for the Report

2.1 The colours in the report follow a traffic light system of **red**, **orange** and **green** to indicate health of the *overall project* as well as health in the categories: *H&S, Programme, Cost, Quality* and *Top 5 Risks*.

2.1.1 **Green – No / low concerns**

2.1.2 **Orange – some concerns**

2.1.3 **Red – significant concerns**

2.2 The top 5 risks are included in the report; further risks and their mitigations can be found in the work plan for each project. The risks are identified and are all actively managed by the PMO office, and the Project Manager assigned to the project. The risks get updated and new ones added when they have been identified. Any new risks that raise concerns will be brought back to Council as an update in the PMO report.

3. Projects Overview

Wastewater Projects

3.1 Marton to Bulls Wastewater Centralisation Project

3.2 Lake Waipu Improvement and Ratana Wastewater Treatment Project

3.3 Papakai Pump Station Taihape

Water Projects

3.4 Marton Water Strategy

Community Facilities & Other Projects

3.5 Taihape Amenities Building

3.6 Marton Civic Centre

3.7 Taihape Town Hall / Civic Centre

3.8 Marton Industrial Park and Rail Hub

4. Miscellaneous Projects and Updates

4.1 Scotts Ferry Stormwater Pump

- 4.1.1 A site meeting was held on Scotts Ferry site for construction agreement between Horizons, RDC, MDC and the preferred specialised Contractor. All parties agreed on required next steps for the project. Last item to be confirmed is the ownership of the pump. Next Steps:
- 4.1.2 Step 1: Contractor to give final price schedule and short form of contract agreement
- 4.1.3 Step 2: Staff to present a paper with details on works and procurement at April Council meeting
- 4.1.4 Step 3: Council to review anticipated budget increase at April Council meeting (expected to be around \$250k excl. contingency) and form decision for way forward.
- 4.1.5 Should the decision be favourable in April to increase the budget, the work should be fully completed within 4 months (if generator is available).

Attachments:

1. **PMO report March - three waters projects** [↓](#)
2. **PMO report March - community facilities and other projects** [↓](#)

Recommendation 1

That the report 'Project Management Office Report - March 2023' be received.

| Project Name | Project Summary | Project Lead | Est Start Date | Est Finish Date | Health/Safety | Programme | Cost | Quality | Top 5 Risks | Project Budget | Actual Spend to date | Iwi Consultation | Key Tasks Completed | Next Steps (March Update) |
|---|---|--|----------------|-----------------|---------------------|--|---|----------------------|---|----------------|----------------------|---|---|--|
| Wastewater | | | | | | | | | | | | | | |
| Marton to Bulls Wastewater Centralisation | The purpose of the project is to improve the current Marton and Bulls wastewater network to become efficient, effective, and reliable wastewater collection, treatment and disposal services in a culturally sensitive and environmentally responsible manner that meets evolving regulatory requirements and ongoing sustainable compliance. The Marton to Bulls wastewater centralisation scope includes the construction of a wastewater pipeline from Marton Wastewater Treatment Plant to Bulls Wastewater Treatment Plant, development of best practical option for the discharge, consenting, upgrades of the treatment plants at Marton and Bulls | Dave Te Maro-Geary, Adina Foley | Oct-20 | Jun-25 | No concerns to date | There is urgency around the delivery of a draft consenting strategy to Horizons Regional Council until the end of March to avoid further fines or legal action. | The budget is \$25mil, however it is not possible yet to put confident costs against all the components of the project | No concerns to date. | 1. Infringement notices, fines or Court Order by Horizons until project is completed due to slow progress 2. Unrealistic Expectations of what can be delivered 3. Budget not sufficient for scope 4. Land not available (if land discharge) 5. Long consenting periods & unrealistic consent conditions | \$ 25,000,000 | \$ 7,467,050 | Ongoing meetings set up with iwi. Iwi is a partner in this project. | Pipeline construction is mostly completed, except for three crossing which need to be designed, consented and implemented. Council engaged Lowe Environmental for development of the consenting strategy. Met with Iwi to strengthen the partnership between iwi and RDC. | A significant change has been made to this project where the project management has been brought back into the PMO (enabled by the employment of a dedicated senior project manager for this project). The PMO will resume the leading role to progress this project further working with relevant experts and consultants where required. Horizons Regional Council expect draft consenting strategy by the end of March 2023. Continue iwi engagement and PUG meetings. Commence community engagement. Commence assessments of waterway impacts and capacity to receive treated wastewater from Marton and Bulls WWTP's. Planner to be engaged by end of March / early April. Awaiting proposal from GHD which includes detailed design for two bridges, resource consenting and pump station. |
| Lake Waipu Improvement and Ratana Wastewater Treatment | This project is a collaborative effort involving local iwi, RDC, HRC and the community of Ratana, and is partly funded (46%) by Ministry for the Environment (MfE). The project is to remove treated effluent from Lake Waipu and to dispose of it to land. The project started on 1 July 2018 with an agreement with the Ministry for the Environment (MfE) and has an estimated duration of 5 years. Construction will need to be completed by December 2023. The scope of this project includes purchase of land for disposing of treated wastewater (instead of discharge to Lake Waipu), the installation of irrigation equipment and an upgrade of the existing Rātana Pā wastewater treatment plant. | Damien Wood | Jul-18 | Dec-23 | No concerns to date | Construction will need to be completed by December 2023, duration of when the resource consent will be approved are unknown and further testing details have been requested by Horizon Regional Council. | Actual construction costs can only be finalised once all detail has been specified or designed and the resource consent conditions are known. The costs are expected to be more than the current estimates, however staff are evaluating all potential solutions to minimise (or eliminate) any budget overspend. | No concerns to date | 1. Tight timeframe to complete project by December 2023. 2. Ongoing discharge to waterway/Lake Waipu may be grounds for public notification of the consent application (or limited notification). 3. Unforeseen requirements/consent conditions for RDC. 4. The approved budgets might not be sufficient to cover the full cost of the upgrade. 5. Funding by MfE is linked to milestones, if the project is delayed there is a chance of funding loss. | \$ 2,425,000 | \$ 880,611 | Regular meetings and updates via email by the PM. Iwi is on board with the project and its approach and supports the irrigation to land option. | Land has been found and purchased. Pipeline design started and negotiation with affected parties ongoing. Irrigation design started. Treatment plant upgrades defined. Resource consent has been lodged. | Onsite groundwater sample collection to be continued throughout the consenting period. Request for further information has been received from Horizons, team is preparing a response to Horizons (estimated to take 6-8 weeks) - high risk of delay in consenting process. Pipeline easement negotiations with landowners continue towards acquisition of easements. Iwi hui to be organised once the Resource Consent application has been advanced. Budget update report to be brought to council for decision (after consent conditions are known). Continue working collaboratively and closely with Horizons to progress the consent. |
| Taihape/ Papakai wastewater pump station | Design and construction of a new wastewater pump station and rising main. Includes upgrade to power supply. | Damien Wood / MDC | Jan-23 | Oct-23 | No concerns to date | Alternative tank design will push out programme to Sept 2023, but will result in cost savings. Power Transformer works have been delayed and are now scheduled for completion in Jul 2023 | No concerns to date. Tank design variation has potential savings | No concerns to date | 1. Delays due to bad weather or supply chain challenges. 2. Poor communication to residents affected by road closures. | \$ 6,358,184 | \$ 511,795 | Regular meetings and updates via email by the PM. | Tender has been awarded and construction has started in Jan 2023. | Finalise alternative design for fibreglass storage tanks to save cost and enhance efficiency for the construction. This saving has been estimated at \$150-200k. Alternative design is being reviewed. Pump expected to be operational by July 2023. New tank installed in September 2023. Community engagement to continue. |
| Water (Drinking) | | | | | | | | | | | | | | |
| Marton Water Strategy | The Marton Water Strategy has been developed with a new bore as its foundation to replace the current source for potable water for Marton. It includes: - Construction of new raw water bore - Design of treatment plant refurbishment and consenting - Upgrades to existing treatment plant Once all the project is completed, Marton will be provided with pleasant tasting and smelling potable water that meets the NZ Drinking Water Standards. Staff will look at options for the use of the dams once Marton is drawing water from a bore. This will include looking at restoring flow to the Tutaenui Stream. All work is expected to be completed by the end of 2024. | Dave Te Maro-Geary / MDC | Jun-22 | Dec-24 | No concerns to date | The target completion of the end of 2024 is still expected to be achieved. | Additional costs for the new pilot hole is covered within project contingency. | No concerns to date | 1. Water quality of the aquifer is not suitable 2. Water flow is not sufficient 3. Long consenting periods & unrealistic consent conditions 4. Challenges in the engineering consulting market making it difficult to secure contract for design in a timely manner. | \$ 11,000,000 | \$ 1,044,064 | Initial discussion held with iwi, they are very supportive | Total depth of drilling has been reached at 462m. Request For Proposals to provide Engineering & Design services for the Water Treatment Plant Upgrade has been advertised on GETS, closing 10/03/2023. | Review the two tenders received for the design services. Award tender for design. Two strata zones to be tested for flow and quality (270-287m, and 319-335m). Additional analysis of soil samples to assist with production bore design. Both strata zone have been tested. The results are being analysed and results presented back to Council including recommendations on next steps in April. |

| Project Name | Project Summary | Project Lead | Est Start Date | Est Finish Date | Health/Safety | Programme | Cost | Quality | Top 5 Risks | Project Budget | Actual Spend to date | Iwi Consultation | Key Tasks Completed | Next Steps (March Update) |
|--|---|--------------------|----------------|-----------------|---------------------|--|--|---|--|--|----------------------|--|---|--|
| Community Facilities | | | | | | | | | | | | | | |
| Taihape Amenities Building / Ngā Awa Block | This project is to build a new sports and community group facility within Taihape Amenities Park with 4 changing rooms including toilets, showers. Staff were successful in applying for external funding: \$40,000 from Four Regions Trust and \$374,000 from the Lotteries Funding. | Adina Foley | Nov-20 | Apr-23 | No concerns to date | Construction started March 2022. Significant delays have occurred due to bad weather and design challenges. Completion expected by mid April 2023. | Staff are being vigilant on scope changes and monitor the budget and contingencies closely. | No concerns to date | 1. Risk of delays caused by bad weather, illness and supply chain challenges 2. Risk of cost overruns. 3. Risk of lengthy process to achieve CCC | \$ 4,648,757 | \$ 3,061,912 | Discussions have been held with Ngāti Tamakopiri, PMO to keep engaging with iwi. | Building Consent approved. Construction started. Communication updates on various channels. The building is weather tight. | Construction to continue. Interior work to continue. Communication to continue. Staff are starting on planning the opening of the building in April 2023 and will prepare comms and plans for this occasion. |
| Marton Civic Centre | The current Council civic buildings in Marton are earthquake prone and are required to be strengthened to meet government legislation. Council purchased several heritage buildings in Marton's town centre with the option to restore the buildings and use them as a replacement Civic Centre/library/community hub. To identify the best way forward, a Better Business Case (BBC) was undertaken to help Council better plan the projects. The shortlist options have been presented to Council in the September 2022 meeting. Due to rising construction costs, only the bare minimum option was within the LTP budget. | Adina Foley | Oct-19 | Dec-27 | No concerns to date | Project scope has not yet been confirmed, LTP planned for this project to be completed in year 2-4, this is unlikely to be achieved. | Project scope has not yet been confirmed, LTP budget is \$19m, however all costed options are well above the budgeted amount. | Project scope has not yet been confirmed | Project scope has not yet been confirmed | \$19,000,000 (formally reported as \$20m in error) | \$ 290,368 | Ngā Wairiki Ngāti Apa was invited to BBC workshops. Need to engage again. | Draft Better Business Case has been presented to Council in Sept 2022. Architect has created concept design for the alternative option to upgrade the existing Marton Office and Library. Cost estimates of all options are higher than the current budget. | Community to share feedback on Key Choice within the Annual Plan Consultation in March/April 2023. Next steps to be decided by Council. |
| Taihape Town Hall and Library Redevelopment | Council included costs for the refurbishment of the Taihape Town Hall within the 2021-31 LTP. Since the LTP was adopted, the Town Hall and Library was closed due to the earthquake risk posed to staff and the public (the detailed seismic assessment report provided a rating of only 10% of National Building Standard). To identify the best way forward, a Better Business Case (BBC) was undertaken to help Council better plan the projects. | Adina Foley | Feb-22 | Dec-27 | No concerns to date | Project scope has not yet been confirmed | Project scope has not yet been confirmed, LTP budget is \$9.7m, however all costed options are well above the budgeted amount. | Project scope has not yet been confirmed | Project scope has not yet been confirmed | \$ 9,700,000 | \$ 121,536 | Iwi were an active part of workshop panel. | Building was closed. Business case workshops completed. Concept designs of the shortlisted options have been completed. All options have been estimated by QS. | Community to share feedback on Key Choice within the Annual Plan Consultation in March/April 2023. Next steps to be decided by Council. Report on the unsolicited offer of service to strengthen the town hall and Grandstand included in this March Council Agenda. |
| Other & Community-Led Developments | | | | | | | | | | | | | | |
| Marton Industrial Park and Rail Hub | The Marton Rail Hub (MRH) project is a Rangitikei District Council sponsored initiative to establish a rail hub and, in partnership with private investor/s, a log yard on currently rural designated land parallel to Makirikiri Road, Marton. A change to the District Plan is required by rezoning 65Ha from rural to industrial use. The District Plan change is currently before the Environment Court and its timeline for the decision is open ended. However, to minimise programme delay, design in support of Resource Consent submissions (assuming a positive Court outcome) is progressing in parallel. The Council is investing \$0.75M and has secured an additional \$9.1M grant funding from central government. | Mark Barnes | Oct-20 | Jun-24 | No concerns to date | Original completion is well delayed due to the extensive Environment Court process. The MRH programme will be reviewed following the Court decision. Design in support of Resource Consent being progressed. | Forecast costs align with approved Council and PGF funding provision. | Design deliverables align with business case. | 1. Further lengthy delays due to lengthy court process 2. Design challenges in the collaboration with kiwi rail 3. Cost escalations | \$ 9,850,000 | \$ 2,961,567 | Discussions have been extensive with Ngā Wairiki Ngāti Apa | Environment Court submissions completed. Project financial audit completed. Contracts requiring variation identified. Resource consent-level design 60% complete. | Continued discussions with developer(s) Receive outcome of environment court. |

9.2 Operational Infrastructure Report**Author: Arno Benadie, Chief Operating Officer****Authoriser: Arno Benadie, Chief Operating Officer****1. Reason for Report**

1.1 The reason for the report is to update the Assets and Infrastructure Committee on operational activities across the Roading works programme and treatment compliance requirements.

2. Context**2.1. ROADING REPORT: February 2023****2.1.1. EMERGENCY WORKS**

The table below provides a summary Emergency Works Claims made to Waka Kotahi.

| Date | Event Type | Amount Claimed | Status |
|----------------|-------------------|----------------|----------------------|
| December 2021 | Heavy Rainfall | \$977,071 | Approved |
| December 2021 | Heavy Rainfall | \$570,829 | Approved |
| February 2022 | Heavy Rainfall | \$150,000 | Approved |
| May 2022 | Heavy Rainfall | \$714,223 | Approved |
| June 2022 | Heavy Rainfall | \$307,803 | Approved |
| June 2022 | Heavy Rainfall | \$1,128,900 | Approved |
| November 2022 | Heavy Rainfall | \$695,563 | Pending |
| January 2023 | Cyclone Hale | \$910,000 | Still being assessed |
| February 2023 | Cyclone Gabrielle | \$1,000,000 | Still being assessed |
| Possible Total | | \$6,454,389 | Estimated |

Emergency Works from the December 2021, February 2022, May 2022, June 2022, November 2022 and January 11th 2023 storm, February 14th 2023 storm events are currently progressing. Construction work is underway at some sites, other more complex sites are being designed

| Location | Start | Finish | Comments |
|--|--------|----------|--|
| Carriageway reinstatement due to scour damage various locations | Jan 22 | Nov 22 | Complete |
| Turakina Valley Road 3 Under-slip RP 790 | Jun 22 | Dec-22 | Complete |
| Mangahoe carriageway reinstatement Blocked drains to be cleared in farmer's paddock Contact landowners to gain access to drains Consult further with Horizons | Jan-23 | April 23 | Underway |
| Watershed Road Under-slips various sites | Jan 23 | April 23 | Tender Package |
| Tiriraukawa Road under-slip RP 8070 | Jan 23 | April 23 | Tender Package |
| Mt Curl Drainage restoration | | | Complete |
| 70 Under-slip sites | TBC | TBC | Preparing designs and contract documents |

2.1.2. MAINTENANCE

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

2.1.3. RENEWALS

This work provides for non-routine planned periodic renewal of sealed and unsealed road pavements, drainage, and structures. 51 km of chip reseals are programmed.

2.1.4. Rehabilitation

The projects are listed in the table below.

| Location | Start | Finish | Comments |
|----------|-------|--------|----------|
|----------|-------|--------|----------|

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| | | | |
|---|--------|---------|---|
| Santoft Road RP 8010-8410 Length 400m | Nov 22 | Feb 23 | Complete |
| Santoft Road RP 6000-7500 Length 1500m | Nov 22 | Jan 23 | Complete |
| Williamsons Line - RP5080-5245 overlay. Length 165m | May 23 | June 23 | To be constructed at the same time as the Wanganui Rd RTB |
| Tutaenui Rd - RP 5940-7040. Length 1100m | Feb 23 | Apr 23 | Underway |
| Kensington Rd RP0060-0180. Length 120m | Mar 23 | Mar 23 | In conjunction with bridge deck work |
| Dalziel St - RP 0-98. Length 98m | Mar 23 | Mar 23 | 200mm Structural AC |
| Pukepapa Rd RP 3280-3583 Length 303m | TBC | TBC | Design complete. |
| Ruatangata RP230-525 Length 175m | TBC | TBC | Design complete |

2.1.5. Structural component replacement:

This work provides for the renewal of components of road, bridges, retaining structures, guardrails, tunnels, stock access structures, cattle stops, footpaths on road structures, pedestrian over-bridges/underpasses.

| Location | Start | Finish | Comments |
|---|--------|---------|---|
| Calico Line - replace/support to slumped wing walls | Mar 23 | Apr 23 | |
| Pukerua Road - support to slumped wing walls | Jan 22 | Feb 23 | Complete |
| Network Bridge Corrosion Assessment | Jul 22 | Sept 22 | Complete. Programme of works will be carried out under Structural component replacements. |
| Special Inspections/Assessments/Investigations | Jul 22 | Jun 23 | Site investigations underway |
| Aldworth Road - replace gabions under bridge | Mar 23 | Apr 23 | |
| Kensington Road - waterproof joints/Deck and resurface, in conjunction with pavement rehabilitation | Apr 23 | May 23 | |

| | | | |
|-------------------------------------|--------|---------|-------------------------------------|
| Hereford Bridge Painting | TBC | TBC | Building Consent has been approved. |
| Minor Retaining wall reinstatements | Jan 23 | June 23 | |

2.1.6. ROAD IMPROVEMENTS

This work category provides for improvements to or upgrading of existing roads within the existing or widened road reserve. This work category provides for the construction / implementation of low-cost, low-risk (LCLR) improvements to the transport system.

| Location | Start | Finish | Comments |
|---|--------|---------|-----------------------|
| Makino Road. Colenso RP 5.412 – 5.431. Install compliant guard railing. | Nov 22 | Dec 22 | Complete |
| Mangaohane Road. RP12.764 - 12.854. Install compliant guard railing. | Nov 22 | Dec 22 | Complete |
| | | | |
| Koukoupou Road - Koukoupou No2 (RP2.887) Seal bridge approaches | Apr 23 | May 23 | |
| Tiriraukawa Road – Mangaone (RP11.904) Seal bridge approaches | Apr 23 | May 23 | |
| Waikakihi Road – Birds Bridge (RP1.155) Seal bridge approaches | Apr 23 | May 23 | |
| Makino Rd. RP0.375 - 0.394. Sealing bridge approaches. | Apr 23 | May 23 | |
| Wairepu West Road. RP4.687. Sealing bridge approaches. | Apr 23 | May 23 | |
| Taihape Napier Road 1&2 (RP – various). Intersection sealing | Apr23 | May 23 | |
| | | | |
| Turakina Valley Road 2 / Mangatipona Rd Intersection. (RP17.202-17.322) Retreat the road away from unsafe corner at intersection. | May 23 | June 23 | Pavement construction |
| Fern Flats Geometric Improvements. RP5.200 - 5.500 | May 23 | June 23 | Pavement construction |

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|---|--------|--------|---|
| Mt Curl Road Curve geometry improvements. (RP5.087-6.001) | Feb 23 | Apr 23 | Earthworks and pavement widening within road corridor. Construction underway |
| Toe Toe Road. RP2.390 - 3.680 Seal widening to achieve consistent pavement widths and safe shoulders. | Nov 22 | May 22 | Earthworks complete and pavement construction underway. |
| Koeke Road. RP4.680 - 4.850 Retreat. | Jan 23 | Mar 23 | Complete |
| | | | |
| Taihape Napier Road 1 (RP3.400 – 3.550) Widen the road opposite a previous under-slip. | TBC | TBC | Design underway Construction 2024-27 |
| Nga Tawa Rd: Marumaru St Marton to Nga Tawa School walking and cycling shared pathway. | TBC | TBC | Design complete. |
| Ruahine / Cage Road (RP0.350 – 0.600) Retreat the road back from high bluff. | TBC | TBC | A fill site has been located and land entry obtained. RMA Consent application is being compiled. |
| Ruanui Road (RP0.936-1.478) Improve geometry and widen the road formation. | TBC | TBC | Design complete. Discussing with DOC regarding legalising the road. Resource Consent and Iwi consultation required. Construction 2023-24. |
| Wanganui Road (RP3.080-3.480) Williamsons Line (Right Turn Bay). | Mar 23 | Jun 23 | Design is complete. Land acquisition complete. Power overhead cabling has been relocated. |
| Turakina Valley Road 3. RP 2.050-3.785. improve geometry, repair deteriorated pavement, guardrail installation | Oct 23 | May 24 | Design is complete. Land acquisition 99% complete. Construction will be spread over 2 summers. |
| Spooners Hill Road Stage 1&2 (RP10.990-11.775). Safety improvements | TBC | TBC | Design due May 23 Construction 2024-25 |
| Marton School / Hereford Street. Safety footpath and foot bridge | Feb 23 | Jun 23 | |

| | | | |
|--|--|---------|-----------------------|
| Makirikiri Rd. RP 2.217-2.617. Right turn bay Design Phase | | June 23 | Draft design complete |
| Williamsons Line RP2232 - 3774 Safety Improvements. Design Phase | | June 25 | Deferred to 2024/25 |

2.1.7. **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. | Aug 22 | Sept 22 | Complete |
| Mortons Road RP 0.010 – 0.041: Stabilise abutment to Puketoi Bridge. | TBC | TBC | Design and contract documents are being prepared. |
| Various Roads: Multiplate and light weight culvert invert repair | Jan 23 | June 23 | |
| Various locations. Stream channel rock protection. | Jan 23 | May 23 | |
| Abattoir Road RP 0.614 – 0.642: Train stream away from bridge and place rock | April 23 | Apr 23 | |

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

| Location | Start | Finish | Comments |
|---|--------|--------|--------------------------------------|
| Safer Journeys for Schools 2022-23 | | | |
| Marion School / Hereford Street, VSP 30kph. Installation. | Jan 23 | Mar 23 | Installing poles and signs underway. |
| Rangitikei College / Bredins Line, VSP 30kph. Installation. | Jan 23 | Mar 23 | Installing poles and signs underway. |
| James Cook Primary School / Mill St, VSP 30kph Installation | Jan 23 | Mar 23 | Installing poles and signs underway. |
| St Matthews School / Russell Street. 30kph PWS. | Jan 23 | Mar 23 | Installing poles and signs underway. |
| Clifton School / Clifton Street, 30kph PWS | Jan 23 | Mar 23 | Installing poles and signs underway. |
| Bulls School / Wilson Street/SH3 VSP 30kph Installation | Jan 23 | Mar 23 | Installing poles and signs underway. |

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|---|---------|--------|--------------------------------------|
| Hunterville School / Ongo Rd. VSP 30kph Installation | Jan 23 | Mar 23 | Installing poles and signs underway. |
| Marton Junction / Alexandra Street. VSP 30kph Installation | Jan 23 | Mar 23 | Installing poles and signs underway. |
| Whangaehu School / Ruatangata Rd. VSP 30kph Installation | Jan 23 | Mar 23 | Installing poles and signs underway. |
| Makirikiri Rd / Pukepapa Rd RIAWS | Jan 23 | May 23 | Awaiting cost |
| Speed Management (Urban) | | | |
| Ratana RP 1.552-1.845 Reduce speed limit from 50kph to 40kph. Installation. | Sept 22 | Oct 22 | Complete. |
| Speed Management (Rural) | | | |
| Ratana Road RP 0.020-1.552 Reduce speed limit from 100kph to 80kph. Installation. | Sept 22 | Oct 22 | Complete. |

Speed Management Urban and Rural: Awaiting Speed Management Plan (Stage 1).

2.1.9. Footpath program

| Location | Start | Finish | Comments |
|---|--------|--------|---------------|
| Bridge St., Criterion St. to Daziel St. Bulls | Aug 22 | Aug 22 | Complete. |
| Totara Street Marton | Nov 22 | Nov 22 | Complete. |
| Takahe Street Taihape | Jan 23 | Apr 22 | 50 % Complete |

2.1.10. 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. | | May 23 | Design complete. Construction May - June. |

2.1.11. OTHER PROJECTS**Mangaweka Bridge**

February 2023: Civil as built drawings received.

March 2023: the second coat seal will be applied to the approach roads.

March 2023: Legalization survey.

April 2023 - onward: The Property Group (TPG) will administer the legalisation of boundaries.

April 2023: Site walkover with Horizons to confirm consents conditions have been complied with.

28 April 2023: Defects Liability Period ends.


31 May 2023: Final handover package including documents and QA.

Otara Bridge Repair Programme

| Task | Start | Finish | Comments |
|--------------------------------------|--------|--------|----------|
| Review existing structure and model | Feb 23 | Mar 23 | |
| Review construction Records | Feb 23 | Mar 23 | |
| Bridge Survey | Feb 23 | Apr 23 | |
| 3 D Model Bridge | Feb 23 | Apr 23 | |
| Hanger Test and Interpretation | Mar 23 | May 23 | |
| Design Replacement of Truss | Apr 23 | May 23 | |
| Design replacement to end Deck Panel | Apr 23 | May 23 | |
| Peer Review | May 23 | Jun 23 | |
| Tender Package | Jun 23 | Jun 23 | |

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2.1.12. HEALTH AND SAFETY

|  HIGGINS showing the way | | RDC - ZERO HARM REPORTING | | | | | | | | | | | |
|---|---|---------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| LEAD INDICATORS | | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN |
| Type | Explanation | | | | | | | | | | | | |
| Drug and Alcohol Tests | LEAD: Total number of drug and alcohol tests completed in the period for pre-employment and random testing including Sub | 3 | 4 | 4 | 5 | | | | | | | | |
| Positive Drug and Alcohol Tests | The total number of positive Drug and Alcohol test results in the period | 0 | 0 | 0 | 0 | | | | | | | | |
| Site H&S Conversations | The total number of site H&S Conversations completed in the period by Contractors or site personnel | 2 | 3 | 2 | 2 | | | | | | | | |
| Site Health and Safety Audits | The total number of site Health and Safety Audits completed in the period by the Contractors or site personnel | 2 | 4 | 3 | 2 | | | | | | | | |
| Safety Briefing | The total number of Safety Briefings completed in the month including pre-starts, toolbox meetings, task talks, safety alert | 2 | 3 | 3 | 4 | | | | | | | | |
| Near Miss (Close call) | The total number of Near Misses submitted in the month by the site team | 0 | 0 | 0 | 0 | | | | | | | | |
| Traffic Management Inspection | Total number of audits completed by the designated Site Traffic Manager Supervisor (STMS) or other suitable qualified members of | 0 | 2 | 2 | 2 | | | | | | | | |
| Sub Contractor Review | Number of Sub Contract Reviews completed by the main Contractor in the period | 0 | 1 | 0 | 2 | | | | | | | | |
| Stop Work Action | The number of occasions when work is suspended proactively due to a member of the site team identifying an area of safety concern | 0 | 0 | 0 | 0 | | | | | | | | |
| Positive Reinforcement | The number of occasions the site team have been congratulated of a proactive action or safety milestone. The following are examples | 0 | 2 | 2 | 2 | | | | | | | | |
| LAG INDICATORS | | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN |
| Type | Explanation | | | | | | | | | | | | |
| Fatal Injuries | Any incidents resulting the loss of life of a transport agency, contractor or Sub Contractor or member of the public on a work site | 0 | 0 | 0 | 0 | | | | | | | | |
| Notifiable Injuries | Any incident required under H&S Legislation to be reported to a Statutory Authority e.g. Worksafe NZ, ACC, Police etc | 0 | 0 | 0 | 0 | | | | | | | | |
| Lost Time Injuries | Any work related injury or illness certified by a Medical Practitioner and compensable under worker compensation laws (e.g. ACC) that results | 0 | 0 | 0 | 0 | | | | | | | | |
| Medical Treatment Injuries | The Management and care of a patient to effect Medical Treatment or combat disease or disorder not including | 0 | 0 | 0 | 0 | | | | | | | | |
| First Aid Injuries | Treatment administered by and within the qualifications of a trained first aid attendant or Occupational Health Nurse. The following | 0 | 0 | 0 | 0 | | | | | | | | |
| Recordable Injuries | NO NOT COMPLETE | 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 to failure leading to an uncontrolled | 0 | 0 | 0 | 0 | | | | | | | | |
| Service Strikes | Contact with an above ground or buried service resulting in damage or potential damage to the service | 0 | 0 | 0 | 0 | | | | | | | | |
| Property Damage | Contact with third party property resulting in damage | 0 | 0 | 0 | 0 | | | | | | | | |

2.1.13. FINANCIAL TRACKING

| RDC Roading Budgets 21-22FY as at 31/06/2022 | | | | |
|---|---|---------------------|---------------------|------------|
| Project | Details | Project Budget | Spend to Date | % Notes |
| Roading | | | | |
| Subsidised Maintenance and Renewal | | | | |
| | Sealed pavement maintenance | \$1,377,666 | \$1,203,710 | 87% |
| | Unsealed pavement maintenance | \$442,509 | \$351,964 | 80% |
| | Routine drainage maintenance | \$988,386 | \$662,992 | 67% |
| | Structures maintenance | \$219,655 | \$143,095 | 65% |
| | Environmental maintenance | \$1,326,300 | \$2,915,033 | 220% |
| | Network service maintenance | \$408,260 | \$454,610 | 111% |
| | Network operations | \$871 | \$0 | 0% |
| | Cycle path maintenance | \$1,020 | \$0 | 0% |
| | Footpath maintenance | \$125,239 | \$37,980 | 30% |
| | Rail level crossing warning devices maintenance | \$22,440 | \$18,960 | 84% |
| | Minor events | \$126,666 | \$120,518 | 95% |
| | Network and asset management | \$1,204,105 | \$640,478 | 53% |
| | Unsealed road metalling | \$443,700 | \$315,697 | 71% |
| | Sealed road resurfacing | \$1,359,821 | \$1,370,963 | 101% |
| | Drainage renewals | \$735,000 | \$602,883 | 82% |
| | Sealed road pavement rehabilitation | \$1,204,105 | \$864,790 | 72% |
| | Structures component replacements | \$453,500 | \$390,607 | 86% |
| | Bridge and structures renewals | \$75,000 | \$0 | 0% |
| | Environmental renewals | \$0 | \$0 | |
| | Traffic services renewals | \$292,195 | \$184,129 | 63% |
| | Cycle path renewal | \$0 | \$0 | |
| | Footpath renewal | \$231,624 | \$200,035 | 86% |
| Total Subsidised Maintenance and Renewal | | \$11,038,062 | \$10,478,444 | 95% |
| Subsidised Local Road improvements | | | | |
| | Low cost / low risk improvements 2021-24 - Local road improvements | \$2,078,434 | \$941,588 | 45% |
| | Mangaweka Bridge Replacement - Detailed Business Case - Implementation - LR Improvements - LR Improvements | \$2,206,995 | \$1,642,087 | 74% |
| | Mangaweka Bridge Replacement - Detailed Business Case - Pre-implementation* - LR Improvements - LR Improvements | \$90,008 | \$63,350 | 70% |
| Total Local Road improvements | | \$4,375,437 | \$2,647,025 | 60% |
| Road to Zero | | | | |
| | Low cost / low risk improvements 2021-24 - Road to Zero | \$345,000 | \$29,460 | 9% |
| Subsidised Roading Total | | \$15,758,499 | \$13,154,929 | 83% |

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2.2. Water Supply

2.2.1. Water Supply Consent Compliance

Table 1 shows the compliance of each water supply scheme against consent conditions.

RDC is authorised to abstract surface water and groundwater to provide water for eight water schemes. The associated limits for all of these abstractions were complied with for the duration of February 2023 (See Table 1 for details).

Table 1: Abstraction consent compliance – Water supply abstractions 01 Feb to 28 Feb 2023

| Scheme | Compliance February 2023 | Comment | Action |
|--------------------|--------------------------|---|------------------------------|
| Marion | Compliant | | No action required |
| Taihape | Compliant | | No action required |
| Bulls | Compliant | | No action required |
| Mangaweka | Compliant | | No action required |
| Ratana | Compliant | | No action required |
| Erewhon | Compliant | Metering issues are not currently causing compliance issues but if not addressed will become a problem. | Investigate issue with meter |
| Huntermville Urban | Compliant | | No action required |
| Omatane Rural | Compliant | | No action required |

2.2.2. Drinking Water Quality Assurance Rules

Table 2 shows the Drinking Water Quality Assurance Rules (DWQAR)2022 that been used to assess the six potable water schemes. As can be seen from Table 2 below, five treatment plants were compliant with the bacteria and protozoa requirements. All plants were compliant for bacteriological Requirements for the month of February

Table 2: DWQAR Compliance Treatment Rules

| Scheme | Rule | Parameter | Limit | Compliant for February 2023 |
|---------------------|-------|--------------------------|----------------------|-----------------------------|
| Bulls | T3.2 | C.t | 15 min.mg/L | |
| | T3.31 | Turbidity | 0.15 NTU(5%) | |
| | T3.32 | Turbidity | >0.5 NTU for 15 mins | |
| | T3.86 | UV Dose | 40 (95%) | |
| Huntermville | T3.2 | C.t | 15 min.mg/L | |
| | T3.65 | Turbidity | 1 NTU (5%) | |
| | T3.66 | Turbidity | 1.0 NTU for 15 mins | |
| | T3.86 | UV Dose | 40 (95%) | |
| Mangaweka | T2.2 | E. coli, total coliforms | <1 | |
| | T2.9 | Turbidity | < 5 NTU | |

| | | | | |
|----------------|-------|-----------|-------------------------------|--|
| | T2.13 | UVT | Specified by the manufacturer | |
| | T2.19 | FAC | <0.5 mg/L | |
| | T2.21 | pH | pH between 6.5 and 8 | |
| Marton | T3.2 | C.t | 15 min.mg/L | |
| | T3.39 | Turbidity | 0.3 NTU(5%) | |
| | T3.40 | Turbidity | >0.5 NTU for 15 mins | |
| | T3.86 | UV Dose | 40 (95%) | |
| Ratana | T3.2 | C.t | 15 min.mg/L | |
| Taihape | T3.2 | C.t | 15 min.mg/L | |
| | T3.39 | Turbidity | 0.3 NTU (5%) | |
| | T3.40 | Turbidity | 0.5 NTU for 15 mins | |
| | T3.86 | UV Dose | 40 (95%) | |

1.

General comments

Drinking water was safe to drink for the month of February 2023. MDC Staff are managing digital reporting of DWQAR compliance to Taumata Arowai via WaterOutlook. Large water supplies (population greater than 500) are reported monthly. Small water supplies have a 3 monthly reporting timeframe, the only Rangitikei District water supply of this size is Mangaweka. Taumata Arowai has changed the water compliance reporting year from 1 July to 30 June to the calendar year 1 January – 31 December.

2.2.3. Wastewater

RDC have seven discharge consents, of which two were fully compliant for the duration of February 2023(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 |

Marton WWTP Compliance

| Month | Volume | Effluent | Environment | Comments |
|-----------|--------|----------|-----------------------|---|
| July | | | | Environmental exceedances will be addressed through the WSP re-consenting programme, which is scheduled to be |
| Aug | | | | |
| September | | | | |
| October | | | Turbidity | |
| November | | | Turbidity and Ammonia | |
| December | | | Turbidity & BOD | |

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|----------|--|--|-----------|-------------------------------------|
| January | | | Turbidity | completed prior to 31 December 2023 |
| February | | | Turbidity | |
| March | | | | |
| April | | | | |
| May | | | | |
| June | | | | |

Taihape WWTP Compliance

| Month | Volume | Effluent | Environment | Comments |
|-----------|---------|----------|--|---|
| July | 29 days | | E. coli | High Aluminium & Chromium upstream Volume and environmental exceedances will be addressed through the WSP re-consenting programme which is scheduled to be completed prior to 1 July 2023 |
| Aug | 31 days | | DRP | |
| September | 30 days | | Copper | |
| October | 31 days | | DRP | |
| November | 30 days | | DRP, E.coli, aluminium, copper, chromium | |
| December | 31 days | | DRP, E.coli, aluminium and Chromium | |
| January | 31 days | | VSS, upstream E.coli, aluminium | |
| February | 28 days | | DRP, VSS, E.Coli, aluminium, copper & chromium | |
| March | | | | |
| April | | | | |
| May | | | | |
| June | | | | |

Bulls WWTP Compliance

| Month | Volume | Effluent | Environment | Comments |
|-----------|--|----------|-------------|--|
| July | Flow meter needs attention (not recording) | | | Volume and environmental exceedances will be addressed through the WSP re-consenting programme, which is scheduled to be completed prior to 31 December 2023 |
| August | 30 days | | | |
| September | 25 days | | | |
| October | | | | |
| November | 13 days | | | |
| December | 17 days | | | |
| January | 6 days | | | |
| February | 4 days | | | |
| March | | | | |
| April | | | | |
| May | | | | |
| June | | | | |

Mangaweka WWTP Compliance

| Month | Volume | Effluent | Environment | Comments |
|-----------|--------------------------------|---------------|-------------|----------|
| July | At Risk | | | |
| Aug | | E coli | | |
| September | 12 Days | E coli | | |
| October | | BOD & E. coli | | |
| November | | E. coli | | |
| December | 7 days | E. coli | | |
| January | 8 days | E. coli | | |
| February | 7 days including cyclone event | E. coli | | |
| March | | | | |
| April | | | | |
| May | | | | |
| June | | | | |

Huntermville WWTP Compliance

| Month | Volume | Effluent | Environment | Comments |
|-----------|-----------------------------|---------------|-------------------------|--|
| July | 19 days | | | Volume and effluent exceedances will be addressed through the WSP re-consenting programme. |
| Aug | 26 days | | Aluminium | |
| September | 25 days | | High Aluminium upstream | |
| October | 17 days | DRP | Aluminium | |
| November | 14 Days | DRP & E. coli | High Aluminium upstream | |
| December | 23 days | DRP & E. coli | Aluminium | |
| January | 12 days | E. coli | | |
| February | 17 days Includes cyclone | TSS & DRP | High Aluminium upstream | |
| March | | | | |
| April | | | | |
| May | | | | |
| June | | | | |

Ratana WWTP Compliance

| Month | Volume | Effluent | Environment | Comments |
|-----------|-------------------|----------|-------------|---|
| July | Meter not working | | | WSP are co-ordinating the re-consenting and treatment upgrade to ensure volume and effluent exceedances are addressed. Land purchased, 1 st workshop completed. |
| Aug | | | | |
| September | | DRP | | |
| October | | | | |
| November | | | | |
| December | | DRP | | |
| January | | | | |

ITEM 9.2

| | | | | |
|----------|--|--|--|--|
| February | | | | Check with Treatment Team on update about meter. |
| March | | | | |
| April | | | | |
| May | | | | |
| June | | | | |

Koitiata WWTP Compliance

| Month | Volume | Effluent | Environment | Comments |
|-----------|--------|----------|-------------|----------|
| July | | | | |
| Aug | | | | |
| September | | | | |
| October | | | | |
| November | | | | |
| December | | | | |
| January | | | | |
| February | | | | |
| March | | | | |
| April | | | | |
| May | | | | |
| June | | | | |

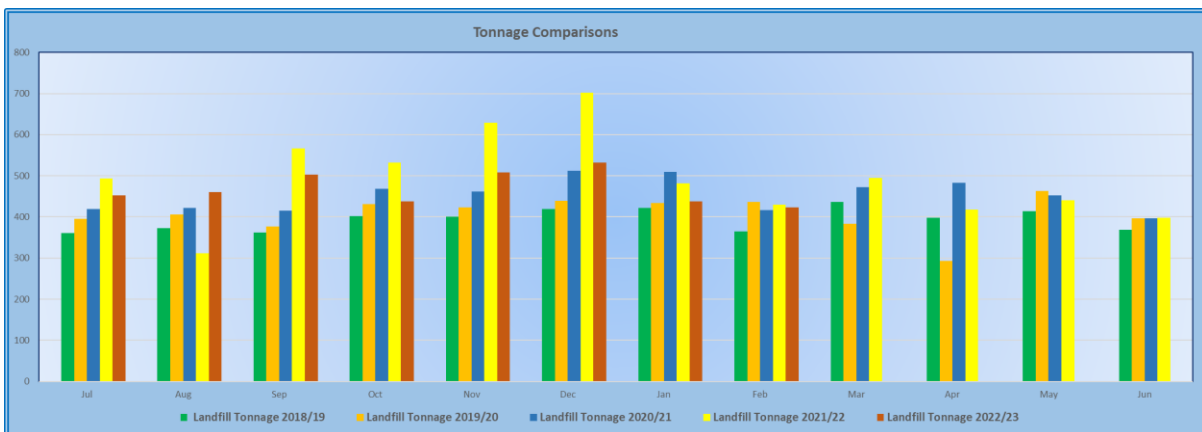
2.3. Solid Waste

The RDC Transfer Stations are working to full capacity.

2.3.1. Waste Transfer Station Monthly Trends

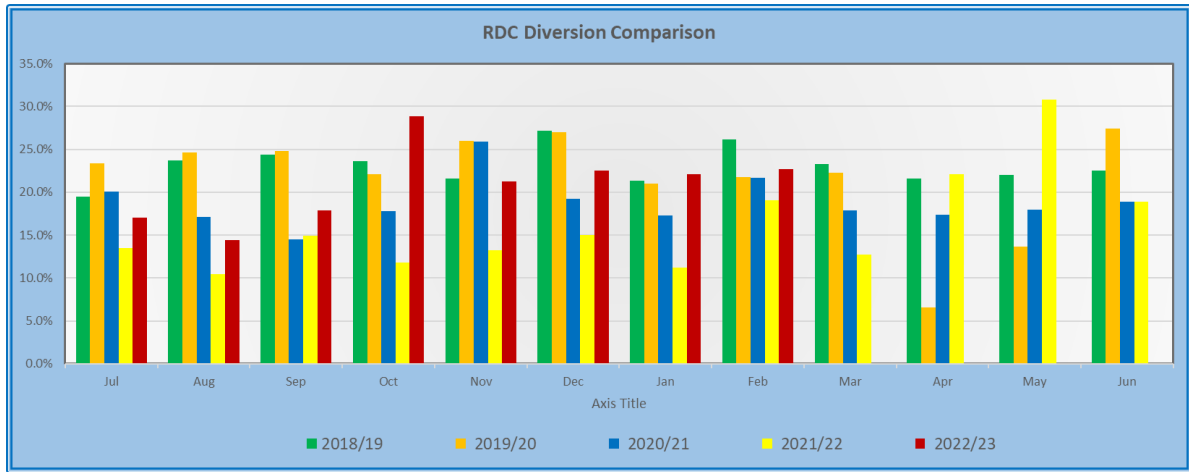
Monthly Waste to Landfill

Volumes of waste to landfill has decreased slightly from the previous year. (2021/22 comparable month aggregate of 491.48 tonnes). February 2023 amount is 423.22 tonnes giving a year-to-date aggregate of 3756.37 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 16.1% and this financial year the diversion rate is 22.7%.



Recommendation

That the report “Operational Infrastructure Report - February 2023” be received

10 Meeting Closed.