

ORDER PAPER

ASSETS/INFRASTRUCTURE COMMITTEE MEETING

Date: Thursday, 10 February 2022

Time: 9.30 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
HWTM Andy Watson

For any enquiries regarding this agenda, please contact:

Ash Garstang, Governance Advisor, 0800 422 522 (ext. 848), or via email
ash.garstang@rangitikei.govt.nz

Contact:	0800 422 522 info@rangitikei.govt.nz www.rangitikei.govt.nz (06) 327 0099
Locations:	<div><div><u>Marton</u> Head Office 46 High Street, Marton</div><div><u>Bulls</u> Bulls Information Centre- Te Matapihi 4 Criterion Street, Bulls</div><div><u>Taihape</u> Taihape Information Centre - Taihape Town hall 90 Hautapu Street (SH1), Taihape</div></div>
Postal Address:	Private Bag 1102, Marton 4741
Fax:	(06) 327 6970

Notice is hereby given that an Assets/Infrastructure Committee Meeting of the Rangitikei District Council will be held in the Council Chamber, Rangitikei District Council, 46 High Street, Marton on Thursday, 10 February 2022 at 9.30 am.

Order Of Business

1	Welcome / Prayer	4
2	Apologies	4
3	Public Forum	4
4	Conflict of Interest Declarations.....	4
5	Confirmation of Order of Business	4
6	Confirmation of Minutes	5
6.1	Confirmation of Minutes	5
7	Follow-up Action Items from Previous Meetings	12
7.1	Follow-up Action Items from Assets/Infrastructure Meetings	12
8	Chair's Report	16
8.1	Chair's Report - February 2022	16
9	Reports for Information.....	17
9.1	Assets and Infrastructure Report - January 2022.....	17
10	Next Meeting	34
11	Meeting Closed	34

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 09 December 2021 are attached.

Attachments

1. Assets/Infrastructure Committee Meeting - 9 December 2021

Recommendation

That the minutes of the Assets/Infrastructure Committee meeting held on 09 December 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, 9 December 2021

Time: 9.30 am

Venue: Council Chamber
Rangitikei District Council
46 High Street
Marton

Present

Cr Dave Wilson
Cr Richard Lambert (*via Zoom*)
Cr Cath Ash (*via Zoom*)
Cr Nigel Belsham
Cr Brian Carter
Cr Fi Dalgety
Cr Gill Duncan (*via Zoom*)
Cr Angus Gordon
Cr Waru Panapa
Ms Coral Raukawa (TRAK representative) (*via Zoom*)
HWTM Andy Watson

In attendance

Mr Peter Beggs, Chief Executive
Mr Arno Benadie, Chief Operating Officer
Mrs Carol Gordon, Group Manager – Democracy and Planning
Mr Dave Tombs, Group Manager – Corporate Services
Ms Gaylene Prince, Group Manager – Community Services
Mrs Jess Mcilroy, Operations Manager
Mr Ash Garstang, Governance Advisor

Order of Business

1	Welcome / Prayer	3
2	Apologies	3
3	Public Forum	3
4	Conflict of Interest Declarations.....	3
5	Confirmation of Order of Business	3
6	Confirmation of Minutes	3
7	Follow-up Action Items from Previous Meetings	4
7.1	Follow-up Action Items from Assets/Infrastructure Meetings	4
8	Chair's Report	4
8.1	Chair's Report - December 2021	4
9	Reports for Decision	4
9.1	Plan for Bulls Water Tower and Reservoir Artistic Improvements	4
10	Reports for Information.....	5
10.1	Infrastructure Group Report - November 2021	5
10.2	Annual Residents Survey Improvement Plan	6

ITEM 6.1

ATTACHMENT 1

1 Welcome / Prayer

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

2 Apologies

Nil.

3 Public Forum

No public forum.

4 Conflict of Interest Declarations

Nil.

5 Confirmation of Order of Business

No changes.

6 Confirmation of Minutes

In response to a query, Mrs Mcilroy advised that staff are seeking a ten-year consent for the Taihape wastewater treatment plant in 2022. Staff are waiting on technical reports for the Hunterville wastewater treatment plant and will provide an update by March 2022.

Resolved minute number 21/AIN/028

That the minutes of the Assets/Infrastructure Committee meeting held on 14 October 2021, 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 N Belsham. Carried

Cr Ash joined the meeting at 9.34 am.

7 Follow-up Action Items from Previous Meetings

7.1 Follow-up Action Items from Assets/Infrastructure Meetings

The Committee discussed the need for Council and staff to keep the Bulls Community Committee up to date, particularly with regards to capital projects.

Resolved minute number 21/AIN/029

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

Cr D Wilson/Cr B Carter. Carried

8 Chair's Report

8.1 Chair's Report - December 2021

Taken as read.

Resolved minute number 21/AIN/030

That the Chair's Report – December 2021 be received.

Cr D Wilson/Cr F Dalgety. Carried

9 Reports for Decision

9.1 Plan for Bulls Water Tower and Reservoir Artistic Improvements

Taken as read.

Resolved minute number 21/AIN/031

That the report 'Plan for Bulls Water Tower and Reservoir Artistic Improvements' be **received**.

Cr D Wilson/Cr B Carter. Carried

Resolved minute number 21/AIN/032

That the plan for artistic improvements to the Bulls Water Tower, outlined in this report, be **approved**.

Cr B Carter/Cr A Gordon. Carried

Resolved minute number 21/AIN/033

That staff are approved to make artistic improvements to the Bulls Water Tower, subject to Council selection and appropriate funding, if required, being secured.

Ms C Raukawa/Cr F Dalgety. Carried

ITEM 6.1

ATTACHMENT 1

10 Reports for Information

10.1 Infrastructure Group Report - November 2021

Cr Ash requested that staff investigate trade waste water quality in Taihape.

HWTM requested that staff analyse consenting works on three waters assets and to what degree it is debt funded and over what period of time. Staff to respond to the Finance/Performance Committee.

Cr Ash requested that staff investigate why diversion is down (with Smart Environmental).

Roading

In response to a query, Mr Benadie advised that the Ruatangata Road is a reserve project and will be completed if there is capital expenditure remaining. However, if there are not sufficient funds then it will be added to the list of works for next year. The Mayor noted that this does not match with the 2021-31 Long Term Plan and it may be worth allowing for more flexibility with roading schedules for future Long Term plans.

In response to a query about environmental maintenance under roading budgets, Mr Benadie advised that this mostly refers to stormwater management in roading corridors.

Utilities Budgets

In response to a query, Mrs Mcilroy advised that the rising main for the Bulls reservoir is not included as the project is being managed in-house and the report is based on the shared services agreement with the Manawatu District Council. The Bulls pump station and rising main have been designed and is mostly funded by the Department of Internal Affairs. The construction for the rising main is planned to begin in March 2022 and the pump station will be funded by Council.

Water Supply Consents

Mrs Mcilroy advised that WSP have proposed two valves along the pipeline for the Taihape water intake, which is being reviewed by both Council staff and Horizons Regional Council. It will be unbudgeted expenditure, although there is a potential to substitute other work for it.

Wastewater Treatment Plants (WWTP) Consenting Compliance

In response to a query, Mrs Mcilroy advised that the next meeting for the Taihape WWTP will likely be in January 2022. Mr Benadie noted that the presence of copper and zinc is not unusual and is being highlighted in the report as the consent has stringent requirements on the levels of these elements.

The Committee discussed the implications of funding this programme via operating expenditure or capital expenditure. Mr Beggs noted that it was not yet clear whether work on consents for water assets would be compensated for by central government as part of the Three Waters reform. Staff

will investigate to what degree consenting works on three waters assets are debt funded and over what period of time.

Solid Waste

In response to a query, Mr Benadie advised that over recent years there has been a growth in the amount of tonnage. He will clarify with Smart Environmental as to why the diversion is down.

Mr Benadie advised that the cap on tonnage to the Bonny Glenn landfill is 8,000 tonnes.

In response to a query, Mr Benadie advised that staff have employed consultants who have developed a road map for future special waste management. This road map will come back to Council at a future date.

Resolved minute number 21/AIN/034

That the Infrastructure Group Report – November 2021 be **received**.

Cr D Wilson/Cr W Panapa. Carried

10.2 Annual Residents Survey Improvement Plan

In response to a query, Mrs Gordon advised that this report does not include data from the RFS system.

Mr Forster advised that the only mandatory measures required are for three waters and roading from the Department of Internal Affairs.

In response to a query, Mrs Gordon advised that Audit NZ have not raised any concerns about the new approach that staff have taken.

Resolved minute number 21/AIN/035

That the report 'Annual Residents Survey Improvement Plan' be received.

Cr A Gordon/Cr B Carter. Carried

The meeting closed at 11.10 am.

The minutes of this meeting were confirmed at the Assets/Infrastructure Committee held on 10 February 2022.

.....
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

From Meeting Date	Details	Person Assigned	Status Comments	Status
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	As a first step ELT needs to be consulted. Although on the Agenda for the 26th January ELT meeting, there was no time to present (however, the report was circulated). Will retry at the next ELT meeting and then schedule the workshop with Elected Members.	In progress
9-Dec-21	HWTM requested that staff investigate the status of the work needed on the Moawhango bridge, regarding under the bridge strengthening.	Jess Mcilroy	A structural assessment of the Moawhango bridge was completed and the bridge is now rated for high-productivity motor vehicles (HPMV). This now allows HPMV travel for the entire Taihape to Napier route.	Closed
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.	Jess Mcilroy	Nothing yet – will work with MDC on a submission regarding the reduction of speed limits in the district.	In progress
9-Dec-21	Cr Belsham requested that staff investigate and provide more information about what the roading team have in place for the Santoft Road, with regards to the maintenance due to forestry use.	Arno Benadie / John Jones	This has been passed on to the Roding team (John Jones and Allen Geerkens) for investigation.	In progress
9-Dec-21	Cr Ash requested that staff investigate trade waste water quality in Taihape.	Jess Mcilroy	Not yet commenced.	Open
9-Dec-21	HWTM requested that staff analyse consenting works on three waters assets and to what degree it is debt funded and over what period of time. Staff to respond to the Finance/Performance Committee.	Jess Mcilroy	This work is underway.	In progress
9-Dec-21	Cr Ash requested that staff investigate why diversion is down (with Smart Environmental).	Jess Mcilroy	This work is underway.	In progress

9-Dec-21	As per resolutions 21/AIN/032 and 21/AIN/033 : Staff to progress artistic improvements to the Bulls Water Tower.	Jess McIlroy	This work is underway - a group has been formed comprising of Raewyn Turner (Bulls Community Committee) and officers (Jess McIlroy, Jen Britton, Lequan Meihana and Kelly Widdowsen).	Closed
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	These will be installed in mid-summer. Staff will bring a report back to the Committee after the installation is completed.	In progress
12-Aug-21	<p>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.</p> <p>Update 14 Oct 21: Re-opened at Cr Belsham's request, as this issue is ongoing.</p> <p>Update 09 Dec 21: Cr Belsham requested that staff push the contractor to amend the road marking.</p>	Arno Benadie	<p>The confusion has been resolved and the finished road level has been discussed with the roading team and contractor. Any proposed repairs and timelines will be reported back to this committee.</p>	In progress
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. Any proposed repairs and timelines will be reported back to this committee.</p>	In progress

12-Aug-21	<p>Staff to look into and consider capturing the progression of the Mangaweka bridge construction via photographs (timestamps).</p> <p>More broadly, staff to consider whether photos are compiled and deposited somewhere safe for other projects, such as Te Matapihi.</p> <p>Update 14 Oct 21: Staff to investigate creating an online depository for photos of construction projects.</p>	Arno Benadie	<p>This will be done going forward. Photos will be saved in the Sharepoint site for the project, and selected photos will go in the Project section of Rangitikei.govt.nz.</p>	In progress
12-Aug-21	<p>Cr Belsham and Cr Wilson advised staff that they have had an individual raise an issue with waste coming through our transfer stations (from outside the district) and then going into the Bonny Glenn landfill. Staff undertook to investigate the increase in landfill tonnage from our transfer stations and the decrease in recycling diversion. Staff will meet with Cr Belsham regarding this matter.</p>	Arno Benadie	In progress.	In progress
8-Apr-21	<p>Regarding the Deferral of the Bulls Town Square and Bus Lane Works: Staff to write a short (one-page) explanation on the reasons for deferral, and distribute to all elected members and the chair of the Bulls Community Committee.</p> <p>Update 09 Dec 21: Staff will distribute communication to the Bulls Community Committee prior to the first BCC meeting in Jan 22. Cr Belsham requested that a copy of this be included in the Bulletin.</p>	Arno Benadie	<p>Communications to be distributed by the end of August.</p>	In progress

8 Chair's Report

8.1 Chair's Report - February 2022

Author: Dave Wilson, Chair

1. Reason for Report

- 1.1 The Chair will provide a verbal or tabled report at the meeting.

Recommendation

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

ITEM 8.1

9 Reports for Information

9.1 Assets and Infrastructure Report - January 2022

Author: Jessica McIlroy, Operations Manager

Authoriser: Arno Benadie, Chief Operating Officer

1. Roading

1.1 Emergency Works

On Monday 13 December / Tuesday 14 December 2021, a storm event occurred in the area west of Hunterville. The event was concentrated in the low-lying areas of Mangahoe Road damaging the road when floodwater used the road as the secondary flow path lifting the seal moving the granular pavement stream. The damage was severe enough close the road to all traffic.

Mt Curl Road was closed by an over slip blocking the road. Flooding occurred in Hunterville and surrounding roads had varying degrees of damage reported.

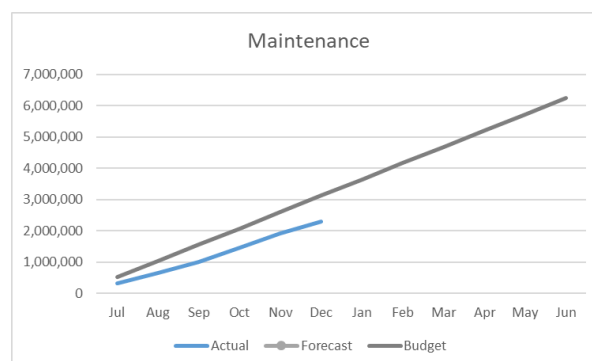
All roads were open by Christmas except for Mt Curl Road.

NZTA has been notified. The cost of the damage caused by the storm event is estimated to be in the order of \$800k.

1.2 Maintenance

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

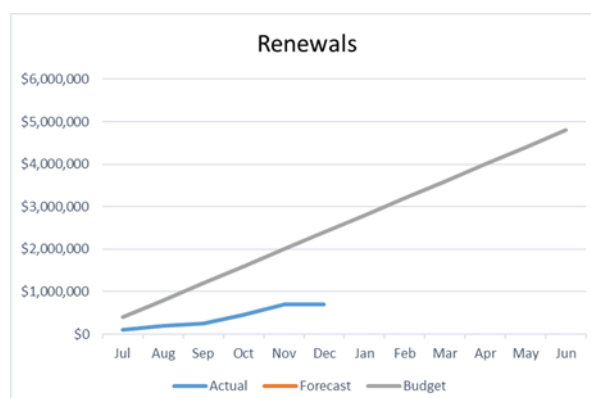
Expenditure is slightly under the straight line forecast. This is normal as structural repairs are generally not carried out during the wet winter months.



1.3 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 of, or restoration of strength to, sealed pavements where other forms of maintenance and renewal are no longer economic.



ITEM 9.1

Expenditure to date has been on design work. Construction is programmed to start in January 2022. This expenditure line follows a distinct 'S' curve and will be above the average line during March, April, May.

50 km of reseals are programmed.

Rehabilitation:

Location	Start	Finish	Comments
Pukepapa Rd RP 3280-3583 Length 303m	Apr 2022	May 2022	Draft design is complete.
Santoft Road RP 8010-8410 Length 400m	May 2022	Jun 2022	Deterioration has been less than forecast. Design complete
Santoft Road RP 6000-7500 Length 1500m	May 2022	Jun 2022	Accelerated deterioration from winter logging traffic. Requires survey and design. This site was programmed in 2023-24 and has been brought forward. To balance the budget Ruatangata Road has become a reserve project in this year's programme. If it does not get done this year it will be high on the list for 2022-23.
Ruatangata RP230- 525 Length 175m (reserve project)	TBC	TBC	Draft design is complete. This site has become a reserve project for this year's programme due to the inclusion of Santoft Road RP 6000-7500.

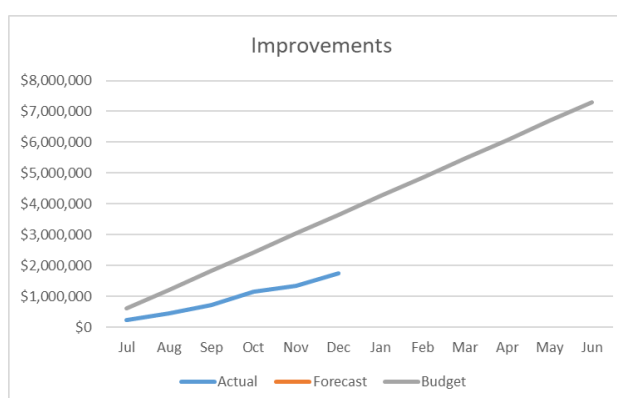
Structural Component Replacement:

Location	Start	Finish	Comments
Makirikiri Road Crofton - waterproof joints/Deck and resurface	Jan-22	Mar-22	
Kensington Road - waterproof joints/Deck and resurface	Jan-22	Mar-22	

Calico Line - replace/support to slumped wing walls	Jan-22	Mar-22	
Aldworth Road - replace gabions under bridge	Jan-22	Mar-22	
Pukerua Road - support to slumped wing walls	Jan-22	Mar-23	Work staged over two years
Turakina Valley Road 3 Colliers Junction - replacement of retaining wall and support of slumping fill	Nov-21	Feb-22	Construction underway
Turakina Valley Road 2 - replacement of retaining wall	Oct-21	Nov-21	Complete
Parewanui Road - reinstatement of retaining wall	Oct-21	Dec-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

1.4 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 January 2022. This expenditure line follows a distinct 'S' curve and will be above the average line during March, April, May.

ITEM 9.1

Road Improvements:

Location	Start	Finish	Comments
Koukoupo Road - Koukoupo No2 (RP2.887)	Feb-22	Mar-22	Seal bridge approaches
Tiriraukawa Road – Mangaone (RP11.904)	Feb-22	Mar-22	Seal bridge approaches
Gleesons Road - Ben Nevis (RP0.050) Seal Bridge Approaches	Oct-21	Nov 21-22	Complete.
Waikakihi Road – Birds Bridge (RP1.155)	Feb-22	Apr-22	Seal bridge approach
Parewanui Road (RP3.500-4.100)	Feb-22	Apr-23	Improve curve geometry and widen road formation. Draft design completed. Requires land entry, resource consent, re-establishing contact with landowners Feb-22. Then submit an application for a resource consent for the works Apr-22. Anticipate construction Feb-22-Apr-23.
Taihape Napier Road 1&2 (RP – various)	Jan-22	Apr-22	Intersection sealing
Whaka Road (RP various)	Jan-22	Apr-22	Curve geometry improvement
Ruahine / Cage Road (RP0.350 – 0.600) Retreat the road back from high bluff.	July-22	Jun-23	Design complete. Locating a fill site is proving to be a problem, and RMA consent is required.
Makirikiri Road (RP13.190 – 13.340)	Feb-22	Apr-22	Schultz Bridge, install compliant guardrail
Turakina Valley Road 2 / Mangatipona Rd Intersection.	Jan-21	Apr-22	Earth works, & Pavement 50% complete.

(RP17.202-17.322) Retreat road away from unsafe corner at intersection.			
Mt Curl Road (RP5.087-6.001)	Feb-22	Apr-22	Curve geometry improvements
Swan Street: New footpath, kerb and channel and road safety barrier RP(0.090-0.140)	Feb-22	Feb-22	
Turakina Valley Road-3 (RP5.998-640)	Feb-22	Apr-22	Installing compliant guardrail
Ruanui Road (RP0.936-1.478)	Sep-21	Jun-22	Improve geometry and widen the road formation. Legalise road that is on DOC land. Discussing with DOC regarding legalising the road. WSP will be completing the Resource Consent. Design is completed.
Parewanui Road – seal widening (RP7500-8300)	Feb-22	Mar-22	Seal widening. Design is complete.
Taihape Napier Road 1 (RP3.400 – 3.550)	Jan-22	Mar-22	Widen road opposite a previous under slip.
Wanganui Road (RP3.080-3.480)	Apr-22	May-22	Williamsons Line RTB. Survey complete, and draft design underway. Requires land entry.
Turakina Valley Road 3. RP 2.050-3.785. improve geometry, repair deteriorated pavement, guardrail installation	Feb-22	Jun-22	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	TBC	TBC	Design underway. Physical works in 2022-23

ITEM 9.1

Marton School / Hereford Street. Safety footpath and foot bridge			A draft design has been completed. This project will require RMA and Iwi consent.
Nga Tawa Rd: Marumaru St Marton to Nga Tawa School walking and cycling shared pathway.	TBC	TBC	Design underway

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.	Jan-22	Mar-22	
Mortons Road RP 0.010 – 0.041: Stabilise abutment to Puketoi Bridge	Nov-21	Jun-22	Investigation Phase
Rangitane Road RP 0.693 – 3.696: Installation of extra culverts to protect slip sites.	Jan-22	Mar-22	
Pohonui Road RP 8.814-6.787: Installation of extra culverts to protect slip sites.	Sep-21	Mar-22	30% complete
Kilkern Road RP 1.665 – 1.805: Fill deep drains with rock	Nov-21	Mar-22	5% complete
Okirae Road RP 1.600 – 1.900: Scaling of Bluffs to remove hazardous material.	Feb-22	Jun-22	
Various Roads: Multiplate and light weight culvert invert repair	Nov-21	Mar-22	
Abattoir Road RP 0.614 – 0.642: Train stream away from bridge and place rock	Jan-22	Jun-22	RMA & Iwi Consent required
Various locations: Stream channel rock protection	Dec-21	Mar-22	Inspection, design and estimating. 40% complete Construction prog for Feb-Mar 22

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

ITEM 9.1

Safer Journeys for Schools			
Marton School / Hereford Street, active signage	Feb-22	Jun-22	Liaising with WSP to design
Rangitikei College / Bredins Line, active signage	Feb-22	Jun-22	Liaising with WSP to design
James Cook Primary School / Mill St, active signage	Feb-22	Jun-22	Liaising with WSP to design
St Matthews School / Russell Street. active signage	Feb-22	Jun-22	Liaising with WSP to design
Road Corridor & Intersection Safety			
Spooners Hill Road, safety barrier RP 11.347-11.631	TBC	TBC	Design underway. Physical works in 2022-23
Ratana Road; safety barrier RP 0.870-1.100	Sep-21	Sep-21	Complete
Speed Management (Urban)			
Ratana RP 1.552-1.845 Reduce speed limit from 50kph to 40kph	Oct-21	Mar-22	WSP. Site visits complete Complete plans 10% Consult with Community Board and Council. Obtain Waka Kotahi approval. Erect signs Mar-22.
Speed Management (Rural)			
Ratana Road RP 0.020-1.552 Reduce speed limit from 100kph to 80kph or 60kph	Oct-21	Mar-22	WSP. Site visits complete Complete plans 10%. Consult with Community Board and Council. Obtain Waka Kotahi approval. Erect signs Mar-22

ITEM 9.1

Taihape Napier Road Speed limit review as recommended by Corridor Management Plan.	Oct-21	Mar-22	WSP. Site visits complete Complete plans 10%. Consult with Council. Obtain Waka Kotahi approval. Erect signs Mar-22
--	--------	--------	---

Footpath Programme

Location	Start	Finish	Comments
Toia St – Footpath & K&C	Jan-22	Feb-22	
Hair St – Footpath & K&C	Mar-22	Apr-22	

1.5 Unsubsidised Construction

1. 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.	Nov-21	May-22	Draft geometric design is complete

2.

3. Rural Unsubsidised construction

Location	Start	Finish	Comments
Mt Curl Road seal extension	Mar-22	May-22	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

1.6 Other Projects

Mangaweka Bridge**Construction Progress during Previous Month December 2021 :**



- Finish bridge drainage installation.

- Finish all deck end infills and stitch joints.
- Finish bridge deck guardrail installation except tension rods above piers
- Measure and start manufacture guard rail for roads approaching the bridge
- Complete the road civil work up to basecourse layer in west side
- Filling under road base course in the east side (80% finished)
- Start manufacturing the handrail to the existing bridge

Construction Programme for Next Month Ending January 2022 :

- Complete Civil work for road in eastern side
- Expansion joint drainage installation
- Stockyard access road
- Finish bridge deck guardrail installation over the piers.
- Finish chute drainage channel installation
- Scour protection around existing bridge
- Scour protection work around the piers
- Seal road and install signs
- Road marking

1.7 Health and Safety

 RDC - ZERO HARM REPORTING 													
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-	4	3	3	2	3							
Positive Drug and Alcohol Tests	The total number of positive Drug and Alcohol test results in the period	0	0	0	0	0							
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							
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							
Safety Briefing	The total number of Safety Briefings completed in the month including pre-starts,	4	2	4	4	5							
Near Miss (Close call)	The total number of Near Misses submitted in the month by the site team	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							
Sub Contractor Review	Number of Sub Contract Reviews completed by the main Contractor in the period	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							
Positive Reinforcement	The number of occasions the site team have been congratulated of a proactive action or	0	0	0	0	0							
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							
Notifiable Injuries	Any incident required under H&S Legislation to be reported to a Statutory Authority e.g.	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							
Medical Treatment Injuries	The Management and care of a patient to effect Medical Treatment or combat disease or	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							
Recordable Injuries	NO NOT COMPLETE	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	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							
Property Damage	Contact with third party property resulting in damage	0	0	0	0	0							

2. Utilities Budgets

RDC 3 Waters Projects 21-22FY as at 31/12/2021					
Project	GL	Project Budget	Spend to date	%	Notes
WASTEWATER					
Sewerage Renewals					
Wastewater Reticulation Renewals	6070176204.00	500,004	42,743	9%	This funding is being used for the wastewater line replacement at the back of Wellington Road. Design engaged with WSP who have suggested an alternative route, flow analysis data has been sent to WSP for feasibility study to be done. A report will be received in February 2022 to recommend whether to proceed with an alternative alignment, or to proceed with the pipe bridge renewal.
Wastewater Treatment Renewals	6070176205.00	500,000	62,191	12%	Project to be confirmed
Ratana Complete Upgrade	6070177111.00	500,000	56,523	11%	
Sewerage Renewals Total		1,500,004	161,456	11%	
Sewerage New Works					
Papakai Pump Station Diversion project	6070177109.00	1,200,000	54,957	5%	Waiting on detailed design for pump station following confirmation of rising main alignment. Detailed design will be received in February, which will allow procurement to commence. RDC PMO managing the rising main project.
Marton to Bulls Centralisation Project	6070177110.00	5,300,000	-	0%	Design of new plant will occur next financial year
WW Centralisation Marton-Bulls project	6070176206.00	1,200,000	478,468	40%	Pipeline is in construction and due to complete before 30 June 2022
Land Purchase	6070176207.00	1,200,000	-	0%	Land purchase has been deferred to next financial year
Sewerage New Works Total		8,900,000	533,426	6%	
Wastewater Total		10,400,004	694,882	7%	

RDC 3 Waters Projects 21-22FY as at 31/12/2021					
Project	GL	Project Budget	Spend to date	%	Notes
STORMWATER					
Stormwater Drainage Renewals					
George Street Stormwater Renewal	6050177202	300,000	4,200	1%	
Bulls Stormwater Upgrades	6050177204	200,000	2,300	1%	
Stormwater Drainage Renewals Total		500,000	6,500	1%	
Stormwater Drainage New Works					
Stormwater Reticulation	6050177363	100,000	16,428	16%	
Stormwater Drainage New Works Total		100,000	16,428	16%	
Stormwater Total		600,000	22,928	4%	

RDC 3 Waters Projects 21-22FY as at 31/12/2021					
Project	GL	Project Budget	Spend to date	%	Notes
WATER SUPPLY					
Water Supply Renewals					
Taihape raw water falling main	6060176324	200,004	1,490	1%	Design options are being considered.
Water Supply Renewals	6060176401	250,000	-	0%	A potential watermain renewal has been identified in Mataroa Rd, Taihape. It is likely that a design for this can be produced in 21-22 to enable construction in 22-23.
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	1,490	0%	
Water Supply New Works					
Water New Plant	6060174501	500,000	43,215	9%	
Huntermville Treatment Contractor	6060777301	300,000	-	0%	Install permanent markers on site where pipeline has been surveyed.
Marton New Bore	6060174503	1,000,000	25,750	3%	A recommendation has been made to drill a bore at the Marton Dams site, following the receipt of hydrogeological advice. A request for tender will be issued following RDC approval of the recommendation. Subject to tendering, it is anticipated that drilling will be able to commence on site during 21-22.
Marton Treatment Plant Detailed Design	6060174501	400,000	43,215	11%	
Water Supply New Works Total		2,200,000	112,180	5%	
Water Supply Total		2,770,004	113,670	4%	
Three Waters Total		13,770,008	831,479	6%	

3. Water Supply

3.1 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 December 2021 (see Table 1 for details).

Table 1: Consent Compliance Abstraction – Water Supply (water-abstraction 1 December – 31 December 2021)

Scheme	Compliance December 2021	Comments	Actions
Marton	Compliant		No action required
Taihape	Non Compliant	Current infrastructure is preventing council from complying with abstraction limits.	WSP have completed an independent review and provided a suggested solution.
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
Hunternville Rural	Compliant		No action required
Omatane Rural	Compliant		No action required

3.2 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, all six treatment plants were compliant with the bacteria and protozoa requirements.

Table 2: DWSNZ Compliance (1 December – 31 December 2021)

Scheme	Compliance December 2021 – Bacteria	Compliance December 2021 – Protozoa
Marton	Bacteria /E-coli	Protozoa/ UVT Achieved <95% validation
	Compliant : Not Detected	Compliant : 96.17 %
	Bacteriological and protozoa compliant.	

ITEM 9.1

Scheme	Compliance December 2021 – Bacteria	Compliance December 2021 – Protozoa
Taihape	Bacteria /E-coli Compliant : Not Detected	Protozoa/ UVT - Not Achieved <95% validation Non -Compliant: Due to 49 minutes of spikes
	Bacteriological compliant Protozoa compliant for 99.9% of month	
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 Compliant: 99.98 %
	Bacteriological and Protozoa compliant	
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 : 99.96%
	Bacterial and Protozoa compliant.	

Drinking water was safe to drink for the month of December 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 is now open until 28 March 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.

3.3 SECTION 69z OF THE HEALTH ACT 1956

The revised RDC Water Safety Plan 2021 – which covers six treatment plants operated by Rangitikei District Council has been submitted to the Drinking Water Assessors at MidCentral DHB and has been implemented. This plan is still required under the new regulations. Once the new drinking water standards are finalised in early 2022, RDC will amend the plan to incorporate the changes and re-submit prior to 15 November 2022.

4. Wastewater

RDC have seven discharge consents, of which three were fully compliant for the duration of December 2021 (See below tables for details).

A Land purchase agreement for land intended to be used for the disposal of treated wastewater from the Ratana WWTP was finalised in September.

Table 3: Consent Compliance Legend – Wastewater Treatment Plants

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

Marton WWTP Compliance

Month	Volume	Effluent	Environment	Comments
July			BOD ₅	2021 Macroinvertebrate survey completed. Environmental exceedances will be addressed through the WSP re-consenting programme, which is scheduled to be completed prior to 31 December 2023
Aug				
September			BOD ₅	
October				
November				
December				

Taihape WWTP Compliance

Month	Volume	Effluent	Environment	Comments
July				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				
September				
October			DRP, Cooper & Zinc	
November				
December	29 days		VSS, E.coli,	

Bulls WWTP Compliance

Month	Volume	Effluent	Environment	Comments
July	24 days			Volume and environmental exceedances will be addressed through the WSP re-consenting programme, which is scheduled to be
August	Whole month			
September	26 days	Ammonia, BOD ₅ , & DRP		
October	18 days			
November				
December	24 days			

ITEM 9.1

				completed prior to 31 December 2023
--	--	--	--	--

Mangaweka WWTP Compliance

Month	Volume	Effluent	Environment	Comments
July				
Aug				
September				
October				
November				
December				

Hunterville WWTP Compliance

Month	Volume	Effluent	Environment	Comments
July	6 days	DRP & E.coli		Volume and effluent exceedances will be addressed through the WSP re-consenting programme.
Aug	11 days	BOD, DRP & E.coli	Volatile Suspended Solids upstream	
September	23 days			
October	16 Days	DRP		
November	10 days			
December	12 days			

Ratana WWTP Compliance

Month	Volume	Effluent	Environment	Comments
July	18 days			WSP are co-ordinating the reconsenting and treatment upgrade to ensure volume and effluent exceedances are addressed.
Aug	22 days			
September	14 days	DRP		
October	12 days			
November	4 days			
December	15 days	DRP		
				Land purchased, 1 st workshop completed. Resource Consent application for discharging wastewater to land is scheduled to be submitted in April 2022

Koitiata WWTP Compliance

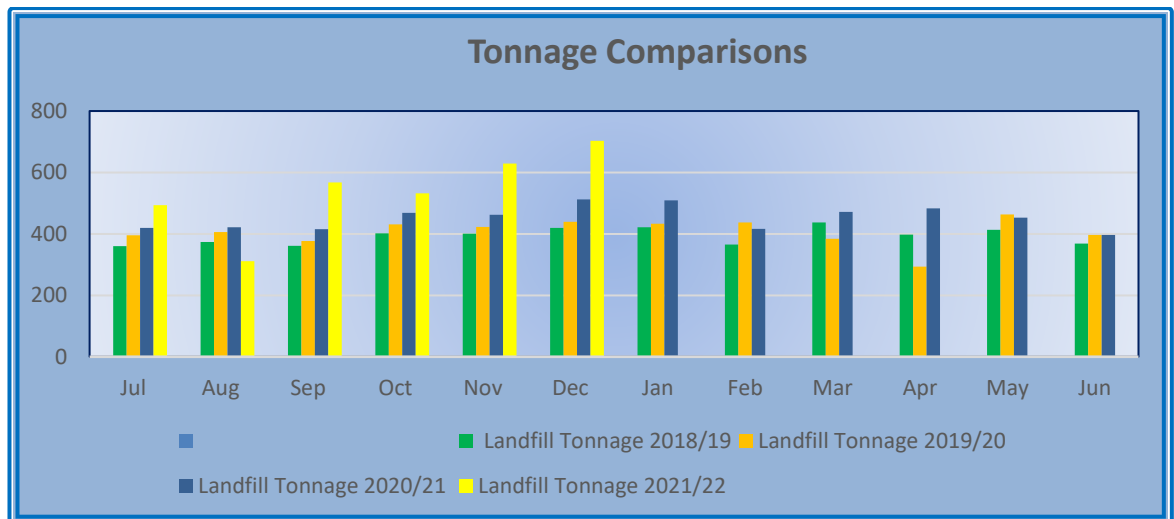
Month	Volume	Effluent	Environment	Comments
July				
Aug				
September				
October				
November				
December				

5. Solid Waste

The RDC Transfer Stations are working to full capacity for Red setting.

5.1 Monthly Waste to Landfill

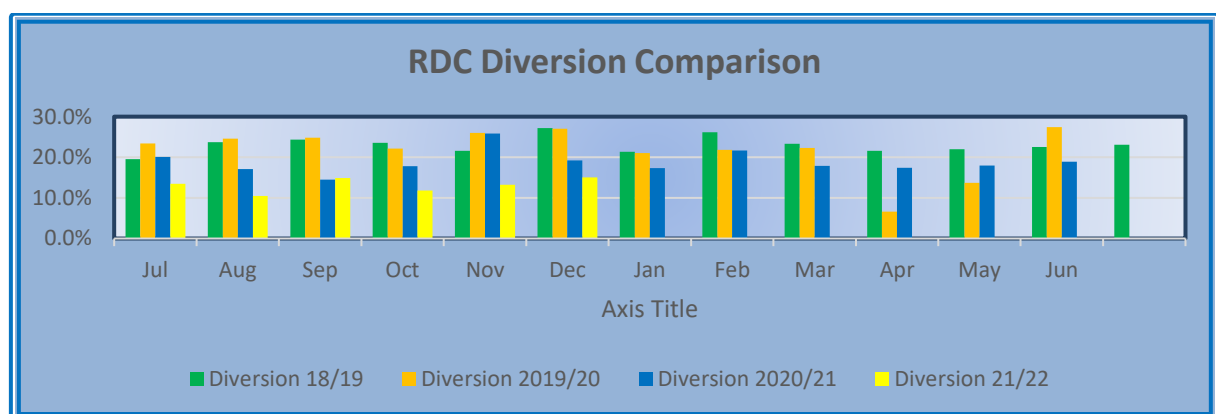
Volumes of waste to landfill has increased as the year progressed. (2020/21 comparable month aggregate of 2700 tonnes). December 21 amount is 702 tonnes giving a year-to-date aggregate of 3235 tonnes.



5.2 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 19% and this financial year the diversion rate is 13% for the same time.



Recommendation

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

10 Next Meeting

The next Committee meeting is scheduled for 14 April 2022, at 9.30 am.

11 Meeting Closed