

ORDER PAPER

ASSETS/INFRASTRUCTURE COMMITTEE MEETING

Date: Thursday, 14 October 2021

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
Cr Waru Panapa
Ms Coral Raukawa
HWTM Andy Watson (ex officio)

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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, 14 October 2021 at 9.30 am.

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AGENDA

1 Welcome / Prayer

2 Apologies

3 Public Forum

No Public Forum.

4 Conflict of Interest Declarations

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

5 Confirmation of Order of Business

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

6 Confirmation of Minutes

6.1 Confirmation of Minutes

Author: Ash Garstang, Governance Advisor

1. Reason for Report

- 1.1 The minutes from the Assets/Infrastructure Committee meeting held on 12 August 2021 are attached.

Attachments

1. Assets/Infrastructure Committee Meeting - 12 August 2021

Recommendation

That the minutes of the Assets/Infrastructure Committee meeting held on 12 August 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, 12 August 2021

Time: 9.30 am

Venue: Council Chamber
Rangitikei District Council
46 High Street
Marton

Present

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

In attendance

Mr Peter Beggs, Chief Executive
Mr Arno Benadie, Chief Operating Officer
Mr Dave Tombs, Group Manager – Corporate Services
Mr Ash Garstang, Governance Administrator

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1 Welcome / Prayer

The meeting began at 9.33 am. Cr Wilson read the Council prayer.

2 Apologies

Cr Raukawa will be departing the meeting at 10.30 am. The Mayor may also depart early for Council business. An apology was received from Cr Panapa during the meeting.

3 Public Forum

There was no public forum.

4 Conflict of Interest Declarations

Nil.

5 Confirmation of Order of Business

Cr Wilson advised that the meeting will go into a Public Excluded session for item 9 (Infrastructure Group Report – July 2021).

6 Confirmation of Minutes

Resolved minute number 21/AIN/013

That the minutes of Assets/Infrastructure Committee Meeting held on 08 April 2021 [as amended] be taken as read and verified as an accurate and correct record of the meeting.

Amendments:

1. Remove the last sentence of item 9.1 “The deed states... “.’
2. The Mayor left the meeting early and this was not noted in the minutes. He was not present during item 10.2 ‘Taihape-Napier Road – Corridor Management Plan’.

Cr G Duncan/Cr N Belsham. Carried

7 Follow-up Action Items from Previous Meetings

7.1 Follow-up Action Items from Assets/Infrastructure Meetings

Cr Gordon arrived to the meeting at 9.49 am.

Mr Benadie clarified that the old toilets in the Bulls bus station have been opened and will remain so until the bus lane is completed.

The Committee discussed the Springvale and Moawhango bridges on the Taihape-Napier Road. These bridges have been cleared to allow heavy vehicles, although it was noted that a number of trucking companies have indicated that they will not permit their truck drivers to use the road due to its conditions and topography.

Mr Benadie advised that the Tutaenui Rural Water Scheme concept has been abandoned, as there was no interest from residents.

Resolved minute number **21/AIN/014**

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 - August 2021

Cr Wilson commented that it was hard to predict what is going to happen with the Three Waters Reforms at this stage.

Resolved minute number **21/AIN/015**

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

Cr D Wilson/HWTM A Watson. Carried

9 Reports for Information

9.1 Infrastructure Group Report - July 2021

The meeting went into a public excluded session at 10.06 am.

Resolved minute number **21/AIN/016**

That the public be excluded from the following parts of the proceedings of this meeting.

1. Infrastructure Group Report – July 2021

The general subject matter of each matter to be considered while the public is excluded, the reason for passing this resolution in relation to each matter, and the specific grounds under section 48 of the *Local Government Official Information and Meetings Act 1987* for the passing of this resolution are as follows:

General subject of each matter to be considered	Reason for passing this resolution in relation to each matter	Ground(s) under section 48 for the passing of this resolution
1.1 – Infrastructure Group Report – July 2021 1.	s7(2)(a) - Privacy s7(2)(b)(ii) - Commercial Activities	S48(1)(a)

This resolution is made in reliance on Section 48(1) of the Local Government Official Information and Meetings Act 1987 and the particular interests protected by Section 6 or Section 7 of the Act which would be prejudiced by the holding or the whole or the relevant part of the proceedings of the meeting in public as specified above.

Cr D Wilson/Cr N Belsham. Carried

The meeting returned to an open session at 11.35 am.

Resolved minute number **21/AIN/017**

That the public excluded meeting move into an open meeting.

Cr D Wilson/Cr F Dalgety. Carried

Resolved minute number **21/AIN/018**

That the 'Infrastructure Group Report – July 2021' not be received.

Cr D Wilson/Cr G Duncan. Carried

Resolved minute number **21/AIN/019**

That due to the inaccuracies of the report presented, the Assets/Infrastructure Committee instruct the Chief Executive to provide an accurate report and to provide this to Committee members via email, by 17 September 2021, and to be presented to the 30 September 2021 Council meeting.

Cr D Wilson/Cr A Gordon. Carried

The meeting closed at 11.40 am.

The minutes of this meeting were confirmed at the Assets/Infrastructure Committee held on 14 October 2021.

.....
Chairperson

UNCONFIRMED

7 Follow-up Action Items from Previous Meetings

7.1 Follow-up Action Items from Assets/Infrastructure Meetings

Author: Ash Garstang, Governance Administrator

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
12-Aug-21	There was some confusion about whether the grading 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.	Arno Benadie	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.	Closed
12-Aug-21	Staff to ensure that future Follow-up Action Reports have detailed explanations in the 'Details' and 'Status Comments' fields.	Ash Garstang	This feedback has been taken on board and staff will ensure that future items contain more information.	Closed
12-Aug-21	Regarding the first graph in the Infrastructure Group Report (1.1 Emergency Works) - the Committee requested that the numbers representing the months 1-12 are written in full (e.g. Jan, Feb..).	Jess Mcilroy	This has been done for the October 2021 meeting and going forward.	Closed
12-Aug-21	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.	Arno Benadie	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.	Closed
12-Aug-21	Staff to look into and consider capturing the progression of the Mangaweka bridge construction via photographs (timestamps). More broadly, staff to consider whether photos are compiled and deposited somewhere safe for other projects, such as Te Matapihi.	Arno Benadie	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.	Closed

12-Aug-21	Regarding the second line of the first graph (1.7 Financial Tracking: 'Event July 13/14 2017') - the Committee requested more details about this; what it's in relation to and how repairs are progressing.	Arno Benadie / Jess Mcilroy	The two Emergency Works sites included in this budget line and completed in 2020-21 were; <ul style="list-style-type: none"> • July-18, Turakina-3 south of Drysdale (Construction) • Apr-18, Turakina-2 north of Macleay's, dropout (Construction). 	Closed
12-Aug-21	Regarding the wastewater at Hunterville - the Committee queried whether the non-compliance tests were taken at different times.	Arno Benadie	The samples were taken on the same date at slightly different times depending on the time taken to move from one sampling point to the next.	Closed
12-Aug-21	Regarding a dead cattle beast in the river near Papakai Park - staff to ensure that this has been raised with Horizons.	Arno Benadie	Staff have advised Horizons via email.	Closed
12-Aug-21	Regarding reporting on Mangaweka and Marton wastewater - the Committee noted that the comments for these in the report indicated non-compliance, although the items are marked as compliant in the report (green shading). Staff advised that they will report this more accurately in future reports.	Arno Benadie	All measuring equipment (flow meters) have an accuracy limitation, and with wastewater that is typically plus or minus 5% of the measurement. If the exceedance of the measurement falls within the accuracy limitation, it is accepted as a compliant measurement. This was the case for Mangaweka. All samples taken from the Marton plant in May and June (report period) were compliant.	Closed
12-Aug-21	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 our 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.	Arno Benadie	In progress.	In progress

8-Apr-21	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.	Arno Benadie	Communications to be distributed by the end of August.	In progress
8-Apr-21	Staff to format (including colour coding) all sections in the same way as section 2.0, of the Infrastructure Group Report for future meetings.	Jess Mcilroy	This has been done for the October 2021 meeting and going forward.	Closed
8-Apr-21	Staff to communicate with Cr Angus Gordon regarding the waste water network in Taihape.	Arno Benadie	Action completed.	Closed

8 Chair's Report

8.1 Chair's Report - October 2021

Author: Dave Wilson, Chair

Welcome all.

As reported during our full council meeting on the 30 September we have a large amount of infrastructure projects underway, some in the planning stage and two significant ones nearly completion being the Mangaweka Bridge renewal and the Putorino Land Fill.

Whilst it is great to have these projects being finished our project Management office has plenty on the go and it pleasing to have the full council endorsement, at our September meeting, for the detail design for the Taihape Amenities build, I look forward to the contract for this work being let and the ground broken, it has taken a long time to get to this point!

Also confirmed at last week's council meeting was the endorsement of the Marton and Taihape civic centre development plans, as signaled in our 10-year long-term plan.

Our Project management office has now set up a team to lead the detailed business case study for the next stage of the Marton Civic centre build.

Myself and Cr Nigel Belsham will joint this team to help develop the business case based on the commonly used 'BBC' format for project development, the learnings from the Bulls Civic centre build will feed into this business case and will help guide the next stages of this project.

The Bulls town square and bus lane has also been re-confirmed and funding approved, after being delayed earlier in the year, again pleasing to see these project moving on to the next stage of completion.

The councils support and endorsement for the proposal from the Bulls & Districts Historical Society for the development of the former Bulls Library site, in-conjunction with the town square and bus lane developments, will further enhance the Bulls central precinct and encourage visitors to stop and linger in the gateway to the Rangitikei.

Dave Wilson

Chair

Recommendation

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

9 Reports for Information

9.1 Infrastructure Group Report - September 2021

Author: Jessica McIlroy, Operations Manager

Authoriser: Peter Beggs, Chief Executive

1. Reason for Report

- 1.1 The Infrastructure Group Report for September 2021 is attached (Attachment 1).
- 1.2 The revised Infrastructure Group Report for July 2021 is attached (Attachment 2).

Attachments

1. Infrastructure Group Report - September 2021
2. Infrastructure Group Report - July 2021 - Revision 3

Recommendation

That the Infrastructure Group Report – September 2021 be received.

1 ROADING

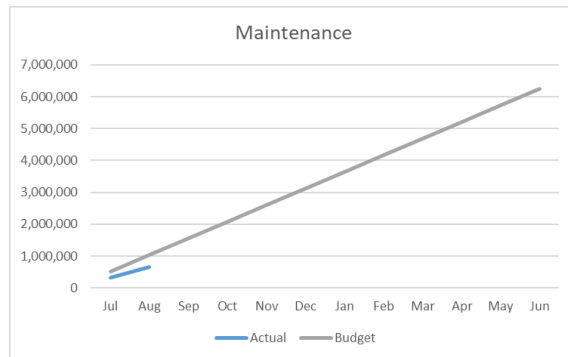
1.1 EMERGENCY WORKS

Completed in 2020-21

1.2 MAINTENANCE

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

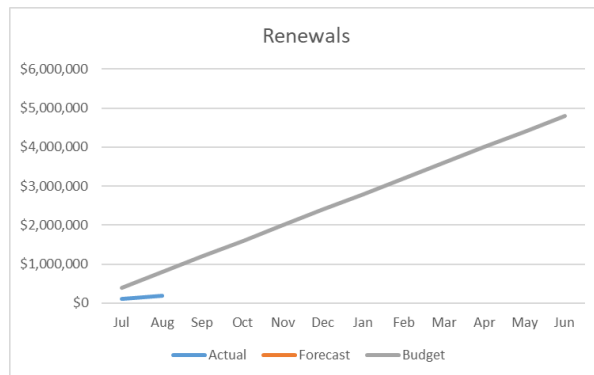
NZTA now administers Over Weight Permits.



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.



50km of reseals are programmed.

Rehabilitation (WC214)

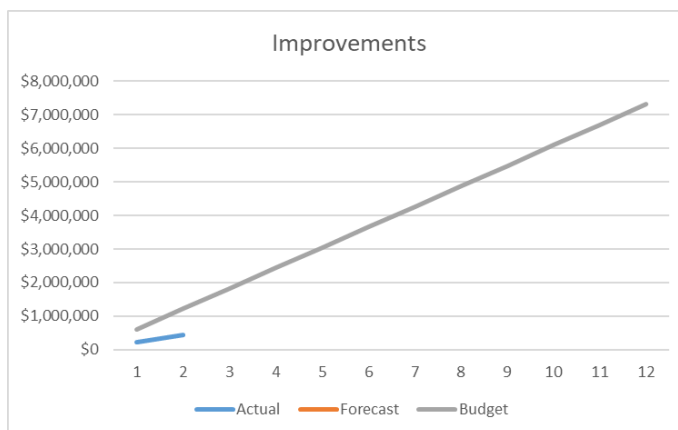
Location	Length (m)	Start	Finish	Comments
Ruatangata	175m	230	405	
Pukepapa Rd	303m	3280	3583	
Santoft Road	800m	8010	8810	Length TBC
Santoft Road	900	TBC	TBC	Subject to NPV assessment.

Structural Component Replacement WC215 (Budget \$453.5k)

Location	Start	Finish	Comments
Makirikiri Road Crofton - waterproof joints/Deck and resurface	Dec-21	Mar-22	
Kensington Road - waterproof joints/Deck and resurface	Dec-21	Mar-22	
Calico Line - replace/support to failing wing walls	Dec-21	Mar-22	Wall has partially failed
Aldworth Road - replace gabions under bridge	Jan-22	Mar-22	Gabions have been undermined and damaged
Pukerua Road - support to failing wing walls	Jan-22	Mar-23	Work staged over two years
Turakina Valley Road 3 Colliers Junction - replacement of failed retaining wall and support of slumping fill	Nov-21	Feb-22	Wall has already failed
Turakina Valley Road 2 - replacement of failed retaining wall	Oct-21	Dec-21	End of wall has failed
Parewanui Road - reinstatement of failed retaining wall	Oct-21	Dec-21	Wall has already failed
Bruce Road Omaha Bridge - reinstatement of failed retaining walls	Oct-21	Feb-22	Wall has already failed
Network bridge corrosion assessment	Nov-21	Jun-22	Assessment to provide costed and prioritised programme
Special Inspections/Assessments/Investigations	Oct-21	Jun-22	

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.

Road Improvements (WC324)

Location	Start	Finish	Comments
Parewanui Road – seal widening (RP7500-8300)	Mar 2022	May 2022	Seal widening.
Waka Road (RP various)	Mar 2022	Apr 2022	Curve geometry improvement
Ruahine / Cage Road (RP0.350 – 0.600)	Jan 2022	May 2022	Retreat the road back from high bluff. Looking for a site for surplus cut material. – not in PBC
Makirikiri Road (RP13.190 – 13.340)	Nov 2021	Dec 2021	Schultz Bridge, install compliant guardrail
Taihape Napier Road 1 (RP3.400 – 3.550)	Jan 2022	Mar 2022	Widen road opposite a previous underslip.
Spooners Hill Road (RP10.990-11.775)	TBC	TBC	Safety improvements including curve enhancements identified by Corridor Management Plan.
Waikakihi Road – Birds Bridge (RP1.155)	Feb 2022	Apr 2022	Seal bridge approach
Wanganui Road (RP3.080-3.480)	Apr 2022	May 2022	Williamsons Line RTB
Turakina Valley Road-3 (RP2.050-3.785)	Jan 2022	May 2022	Improve geometry, repair the deteriorated pavement and

			installation of guardrail LHS – 2 entries for 21/22
Mt Curl Road (RP5.087-6.001)	Feb 2022	Apr 2022	Curve geometry improvements.
Ruanui Road (RP0.936-1.478)	July 2021	May 2022	Improve geometry and widen the road formation. Legalise road that is on DOC land. Discussion with DOC regarding legalising the road. WSP will be completing the Resource Consent. Draft design is completed.
Parewanui Road (RP3.500-4.100)	Apr 2022	May 2022	Improve curve geometry and widen road formation. Draft design completed. Requires land entry.
Taihape Napier Road 1&2 (RP – various)	Jan 2022	Apr 2022	Intersection enhancements as identified by the Corridor Management Plan.
Koukoupo Road - Koukoupo No2 (RP2.887)	Jan 2022	Mar 2022	Seal bridge approaches
Tiriraukawa Road – Mangaone (RP11.904)	Jan 2022	Mar 2022	Seal bridge approaches
Gleesons Road - Ben Nevis (RP0.050)	Feb 2022	Apr 2022	Seal bridge approaches
Turakina Valley Road 2 / Mangatipona Rd Intersection. (RP17.202-17.322)	Oct 2021	Mar 2022	Retreat road away from unsafe corner at intersection – Not in PBC
Swan Street RP(0.090-0.140)	Jan 2022	Apr 2022	New footpath, kerb and channel and road safety barrier

Resilience improvements: This work category provides for non-routine work to protect the following from damage. Resilience WC 357.

Location	Start	Finish	Comments
Rangitane Road RP 0.693 – 3.696: Installation of extra culverts to protect slip sites.	Dec-21	Mar-22	

Pohonui Road RP 8.814-6.787: Installation of extra culverts to protect slip sites.	Dec-21	Mar-22	
Okirae Road RP 1.600 – 1.900: Installation of extra culverts to protect slip sites.	Dec-21	Mar-22	
Okirae Road RP 1.600 – 1.900: Scaling of Bluffs to remove hazardous material.	Feb-22	May-22	
Various Roads: Multiplate and light weight culvert invert repair	Nov-21	Mar-22	
Kilkern Road RP 1.665 – 1.805: Fill deep drains with rock	Oct-21	Dec-21	
Mortons Road RP 0.010 – 0.041: Stabilise abutment to Puketoi Bridge	Nov-21	Jun-22	Investigation Phase
Various locations: Stream channel rock protection	Dec-21	Mar-22	
Abattoir Road RP 0.614 – 0.642: Train stream away from bridge and place rock	Jan-22	Mar-22	Dependent on Resource consent

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			
Russell / Lyon St, Matthews Primary School; active signage.	Oct 2021	Mar 2022	
Mill St, James Cook Primary School; active signage.	Oct 2021	Mar 2022	
Bredins Line, Rangitikei College; active signage	Oct 2021	Mar 2022	
Hereford St, Marton Primary School	Oct 2021	Mar 2022	
Road Corridor & Intersection Safety			
Spooners Hill Road, safety barrier	TBC	TBC	
Ratana Road; safety barrier	Oct 2021	Dec 2021	
Speed Management (Urban)			
Ratana	Oct 2021	Mar 2022	
Speed Management (Rural)			
Ratana Road	Oct 2021	Mar 2022	

Taihape Napier Road 1&2	Oct 2021	Mar 2022	
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1.5 OTHER PROJECTS

Mangaweka Bridge

Construction Progress during Previous Month 30st September 2021:

- Finished steel structure installation
- Civil work – abutment B – Behind abutment fill – Delay due to ground condition
- Pre cast units pour Span A &B
- Pre cast units installation span A&B
- Pre cast procurement for stage 2
- Camp access excavation and backfilling

Construction Programme for Next Month Ending October 2021:

- Continue bridge deck installation
- Deck stitch pouring
- Production of deck pre cast units for stage 2 & 3
- Civil work for road in eastern side
- Civil work for road western side
- Power re location

HEALTH AND SAFETY

RDC - ZERO HARM REPORTING

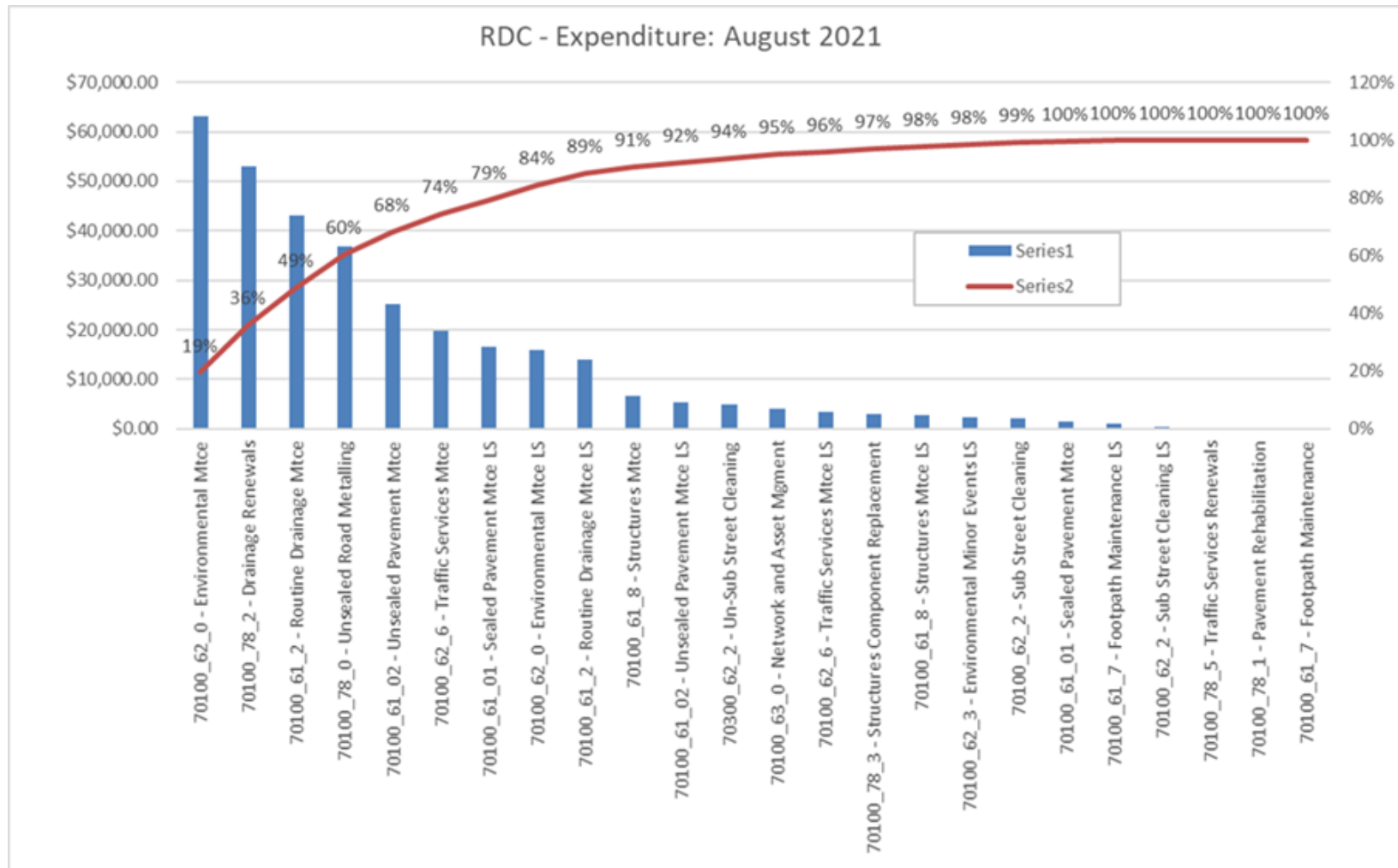
LEAD INDICATORS

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

1.7 FINANCIAL TRACKING



- Series 1 is the expenditure per work category for the month
- Series 2 is the cumulative percentage of all work categories for the month

		Project Budget	Spend to date	%	Notes
Maintenance					
111	Sealed Pavement Maintenance	1,377,666	51,359	4%	
112	Unsealed Pavement Maintenance	442,509	89,760	20%	
113	Routine Drainage Maintenance	988,386	190,178	19%	
114	Structures Maintenance	219,655	27,248	12%	
121	Environmental Maintenance	1,326,300	268,976	20%	
122	Traffic Services Maintenance	408,260	98,696	24%	
123	Network operations	871	0	0%	
124	Cycle Path Maintenance	1,020	0	0%	
125	Footpath Maintenance	125,239	4,212	3%	
131	Level Crossing Warning Devices	22,440	150	1%	
140	Minor Events	126,666	6,665	5%	
151	Network & Asset Management	1,204,105	239,145	20%	
Maintenance - Totals		6,243,117	976,386	16%	
Renewals					
211	Unsealed road metalling	443,700	102,639	23%	
212	Sealed road resurfacing	1,359,821	0	0%	
213	Drainage renewals	735,000	110,799	15%	
214	Sealed road pavement rehabilitation	1,204,105	59,571	5%	
215	Structures component replacements	453,500	8,586	2%	
216	Bridge and structures renewals	75,000	0	0%	
221	Environmental renewals	0	0	0%	
222	Traffic services renewals	292,195	13,163	5%	
224	Cycle path renewal	0	0	0%	
225	Footpath renewal	231,624	0	0%	
Renewals - Totals		4,794,945	294,758	6%	
Road Improvements					
341	Low cost / low risk improvements	4,661,712	46,496	1%	
341	Road to Zero	345,000	0	0%	
322	Mangaweka Bridge Replacement Implementation	2,206,995	625,326	28%	
322	Mangaweka Bridge Replacement Pre-implementation	90,008	75	0%	
Road Improvements - Totals		7,303,715	671,897	9%	
Roading Totals		18,341,777	1,943,040	11%	

2 UTILITIES BUDGETS

Project	RDC 3 Waters Projects 21-22FY as at 31/08/2021				Notes
	Project Budget	Spend to date	%		
WASTEWATER					
Sewerage Renewals					
WW Centralisation Marton-Bulls project	25,000,000	34,010	0%		RDC PMO managing this project
Ren WW Retic	500,004	1,500	0%		Wellington Road WW pipe bridge, further scoping to be done
Sewerage Renewals Total	25,500,004	35,510	0%		
Sewerage New Works					
Papakai Pump Station Diversion project	1,200,000	23,152	2%		GHD progressing with detailed design. Geotech complete, two tenders will be done, one for rising main and one for the pump station
Sewerage New Works Total	1,200,000	23,152	2%		
Wastewater Total	26,700,004	58,662	0%		
STORMWATER					
Stormwater Drainage Renewals					
Stormwater Drainage Renewals Total	-	-			
Stormwater Drainage New Works					
Stormwater Drainage New Works Total	-	-			
Stormwater Total	-	-			

WATER SUPPLY			
Water Supply Renewals			
Marton B & C Dam project	-	70	0% Installation of pedestrian bridge commenced onsite. Waiting on site visit by Stantec to carry out safety review.
Taihape raw water falling main	200,004	140	0% Proposal recommendation report out for approval
Bulls Reservoir	-	34,797	0% Security fencing contract is awarded to previous fencing contractor this is 6-8 weeks away. There are graffiti paintings at the back of reservoir. The reservoir is now filled and kept like that.
Pump Station		-	0% Detailed design in progress, GHD forwarded design docs for discussion. This project can be tendered in June 21
Water Supply Renewals Total	200,004	35,007	18%
Water Supply New Works			
Water Supply New Works Total	-	-	
Water Supply Total	200,004	35,007	
Three Waters Total	26,900,008	93,669	0%

3 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 August 2021. (see Table 1 for details).

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

Scheme	Compliance August 2021	Comments	Actions
Marton	Compliant		No action required
Taihape	Non Compliant	Large pipe size means that flows cannot be restricted to consent limit. This leads to abstraction of more water than our consent allows for.	WSP are completing an independent review of the falling main. This is likely to lead to improvements that will stop the non-compliances.
Bulls	Compliant		No action required
Mangaweka	Compliant		No action required
Ratana	Compliant		No action required
Erewhon Rural	Compliant		Investigate meter
Hunternville Rural	Compliant		No action required
Omatane Rural	Compliant		No action required

3.1 WATER SUPPLY – 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 limits. Four of the six plants were compliant for protozoa.

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

Scheme	Compliance August 2021 – Bacteria	Compliance August 2021 – Protozoa
Marton	Bacteria /E-coli Compliant : Not Detected	Protozoa/ UVT Achieved <95% validation Compliant : 99.96%
	Bacteriological and protozoa Compliant.	
Taihape	Bacteria /E-coli Compliant : Not Detected	Protozoa/ UVT Not Achieved <95% validation Non-Compliant : Due to 37 minutes of spikes on filters
	Bacteriological compliant. Protozoa non-compliances to be investigated	
Bulls	Bacteria /E-coli Compliant : Not Detected	Protozoa/ UVT Achieved <95% validation Compliant : 99.92%
	Bacteriological and Protozoa compliant.	
Mangaweka	Bacteria /E-coli Compliant : Not Detected	Protozoa/ UVT Not Achieved <95% validation Non-compliant: Due to 14 minutes of spikes on UV & filters
	Bacteriological compliant.	
Ratana	Bacteria/E-coli Compliant : Not Detected	Protozoa Not Applicable - Secure Bore
	Bacterial and protozoa compliant.	
Hunternville Urban	Bacteria /E-coli Compliant : Not Detected	Protozoa/UVT Not Achieved < 95% validation Compliant :
	Bacterial and Protozoa compliant Issue with UV unit turning on for 5 minutes	

Drinking water was safe to drink for the month of August 2021.

Drinking-water Standards for New Zealand 2005 (Revised 2018) will be the operative standard moving into the 2021-2022 compliance year until further notice. We currently have no timeline for when the new rules will come into force.

3.2 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. DHB has advised that they currently don't have capacity to review the plan. After consultation with DHB the proposed water safety plan is to be implemented as it is a significant improvement from previous plans.

The Water Services Bill which will replace parts of the Health Act 1956 had its second reading on 21 September 2021.

3.3 WASTEWATER

RDC have seven discharge consents, of which three were fully compliant for the duration of August 2021 (See Table 4 for details).

Council's consultant for the Regional Treatment Plant Consenting Programme is engaged until June 2024 to resolve all the non-compliances across the district. They will also be seeking new consents for the treatment plants operating on expired consents. Officers are targeting 100% compliance with discharge consents by 2024.

A Land purchase agreement for land intended to be used for the disposal of treated wastewater from the Ratana WWTP was finalised in September. This is an important step in resolving non-compliances at Ratana.

Table 4: Consent Compliance – Wastewater Treatment Plants

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

Marton WWTP Compliance

Month	Volume	Effluent	Environment	Comments
July				Macroinvertebrate report submitted
Aug				

Taihape WWTP Compliance

Month	Volume	Effluent	Environment	Comments
July				Influent volumes exceeds consent limits. Non-compliant for Aluminium & SIN downstream.
Aug				

Bulls WWTP Compliance

Month	Volume	Effluent	Environment	Comments
July				Effluent volumes exceed consent limit.
Aug				

Mangaweka WWTP Compliance

Month	Volume	Effluent	Environment	Comments
July				
Aug				

Hunternville WWTP Compliance

Month	Volume	Effluent	Environment	Comments
July				Exceeded discharge volume on 11 days. Non-compliant for BOD, DRP and E.coli in effluent. VSS high both upstream and downstream
Aug				

Ratana WWTP Compliance

Month	Volume	Effluent	Environment	Comments
July				Land purchased, WSP working on application
Aug				

Koitiata WWTP Compliance

Month	Volume	Effluent	Environment	Comments
July				
Aug				

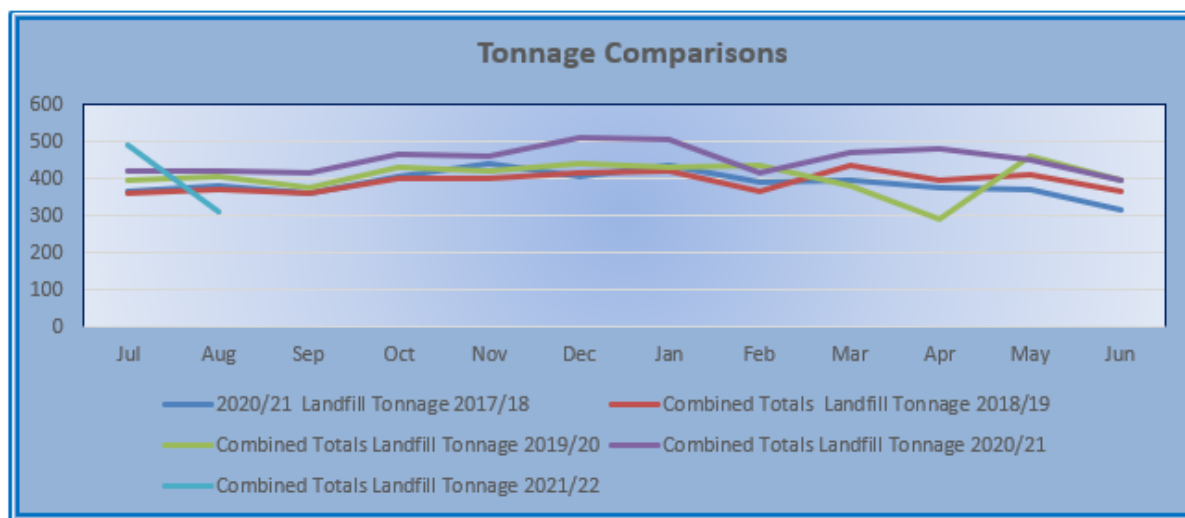
4 SOLID WASTE

The RDC Transfer Stations are now working to full capacity for level 2 standards.

4.1 WASTE TRANSFER STATION MONTHLY TRENDS

Monthly Waste to Landfill

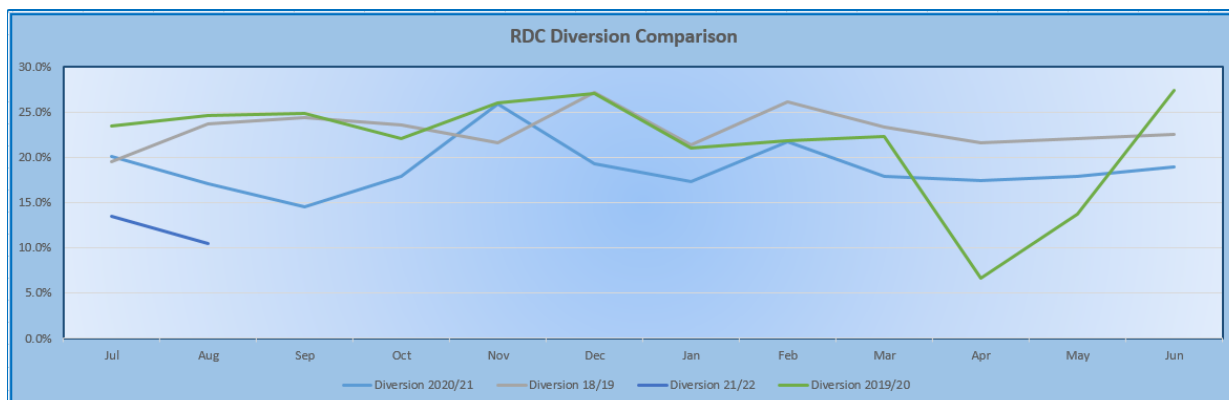
Volumes of waste to landfill has dropped in August due to Covid 19 (2020/21 comparable month aggregate of 842 tonnes). August 2021 amount is 311 tonnes giving a year to date aggregate of 805 tonnes.



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 19% and this financial year the diversion rate is 10% due to Covid Level 4 lockdown with all coming recycling going to landfill.





INFRASTRUCTURE GROUP REPORT

JULY 2021 REVISION 3

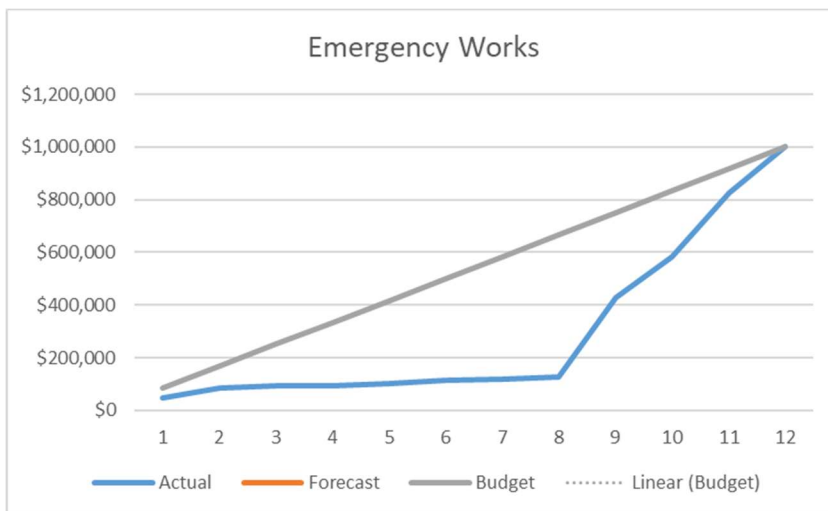
(30 June 2021)

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1 ROADING

1.1 EMERGENCY WORKS

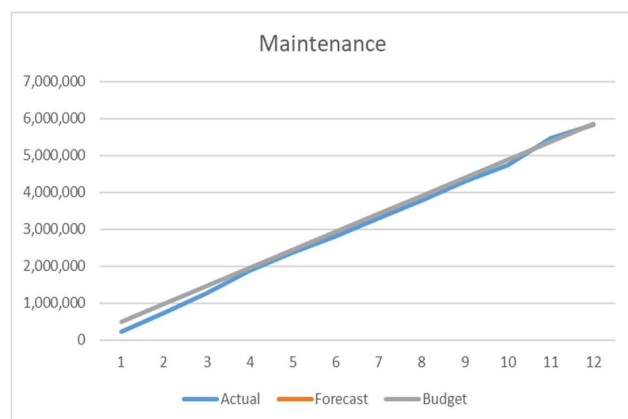


Event	Start	Completion Due	Comments
July-18, Turakina-3 south of Drysdale (Construction)	Mar 21	June 21	Complete
Apr-18, Turakina-2 north of Macleay's, dropout (Construction)	Mar 21	June 21	Complete

1.2 MAINTENANCE

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

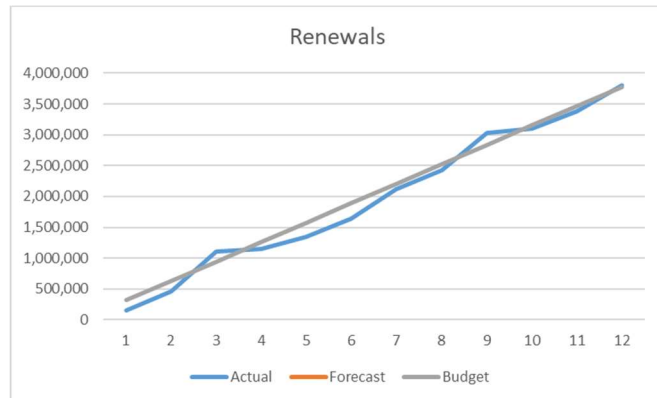
In July 2021 NZTA takes over responsibility for issuing over weight permits to transport companies. NZTA is well-placed to take over this activity, as Council does not have staff with this capability and outsources the work to a consultant. The result is a streamlined process for transport companies.



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.



50km of reseals have been completed.

Rehabilitation:

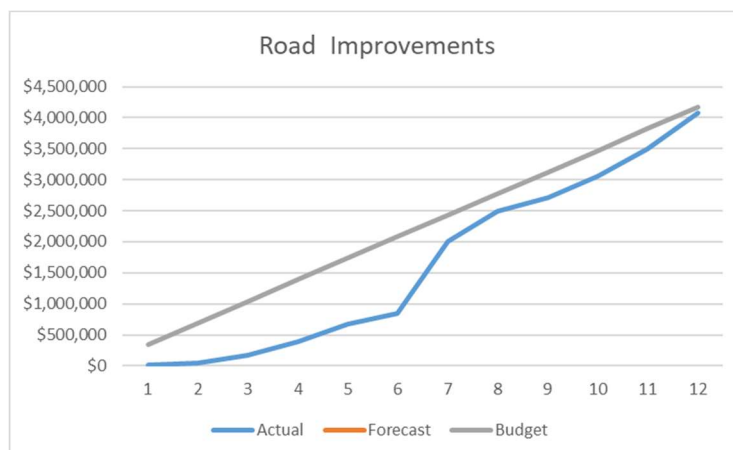
Location	Length (m)	Start	Finish	Comments
Parewanui Rd	1700	July 20	Sept 20	Complete
Tutaenui Rd	240	Nov 20	Dec 20	Complete

Structural Component Replacement:

Location	Start	Finish	Comments
Turakina Valley Road 3 – Culvert 106	Jan 21	Jan 21	Complete
Kaimatawi Road - Mcdonnell	Jan 21	Mar 21	Complete
Koeke Road- McCarthys	Jan 21	Mar 21	Complete
Whangaehu Beach Road- Connors Bridge	Feb 21	Apr 21	Complete
Kakariki Rd Bridge – Bridge joint replacement cost share 50/50 with MDC	Apr 21	June 21	Complete

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 Projects:

Location	Start	Finish	Comments
Spooners Hill Road and Pukemapou Road – roadside obstacles.	Jul 20	Aug 20	Complete
LED Upgrade	July 20	Feb 21	Complete
South Makirikiri School Active signage	Jan 21	Jan 21	Complete
Neumans Line RP0862 – 1102	Nov 20	Dec 20	Complete
Pungatawa Rd. (RP6500-6840)	Feb 21	Mar 21	Complete
Network resilience work	Mar 21	Jun 21	Funding reallocated to Kuripaponga Bridge strengthening.
Okirae Road bluffs	Feb 21	Jun 21	The report recommends scaling loose material off the face by abseiling about once per 5 years.
Jacobsens Bridge- Rock Rip Rap	Oct 21	Jun 21	Design complete. Compiling a resource consent application.

Bridges:

Bridge	Start	Finish	Comments
Bridge Capacity Assessments	Oct 20	Apr 21	Complete
Inspection Unit 15 bridges	10 Sep 20	16 Sep 20	Complete
Kuripapango (Bdy)	Mar 21	May 21	Complete

Strengthening to HN-HO (HMPV) capacity (50:50 with HDC).			
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Footpaths:

Location	Start	Finish	Comments
Russell St – Footpath and minor K&C replacement	Jan 21	Feb 21	Complete
Kuku St – Footpath & K&C works	Feb 21	Jun 21	Complete
Toia St – Footpath & K&C works	TBC	TBC	Consult the residents and finalise the design. Deferred to 2021/22

Springvale and Moawhango Bridge Decks

The results of testing and modelling has concluded that Springvale and Moawhango Bridge Decks has the capacity to carry full HPMV vehicles. Changes to signage is being organised.

Mangaweka Bridge

Rangitikei and Manawatu District Councils and Mangaweka Heritage Inc. have negotiated a mutually agreed upon MoU for the ongoing management of the historic bridge. The MoU has been signed by all parties.

Achievements/Activities since last status report:

- Continue fabricating all steel girders and braces.
- Stressed Macalloy bars both hammer head for pier 1 & 2.
- Finalizing shop drawings for bridge deck precast units.
- Ordered the steel for the precast units and set up the moulds in the factory (4 moulds).
- Started the excavation/ backfilling behind abutment A.


Activities to be started/completed or in progress over the next month:

- Installing the bearing and pots pads.
- Implement temporary work to install steel girders.
- Start bridge girders installation.
- Engineering fill behind the abutments.
- Fabrication of the bridge deck precast elements.


1.5 UNSUBSIDISED CONSTRUCTION

Location	Start	Finish	Comments
Mokai Road: Sealing 250m	April 21	Jun 21	Complete
Trevelyan Street: Sealing 100m	April 21	May 21	Complete
Edwards Street: Sealing 56m	May 21	May 21	Complete
Cobber Kain: Design of upgrade	Feb 21	Jun 21	Draft Design Complete

1.6 HEALTH AND SAFETY



RDC - ZERO HARM REPORTING

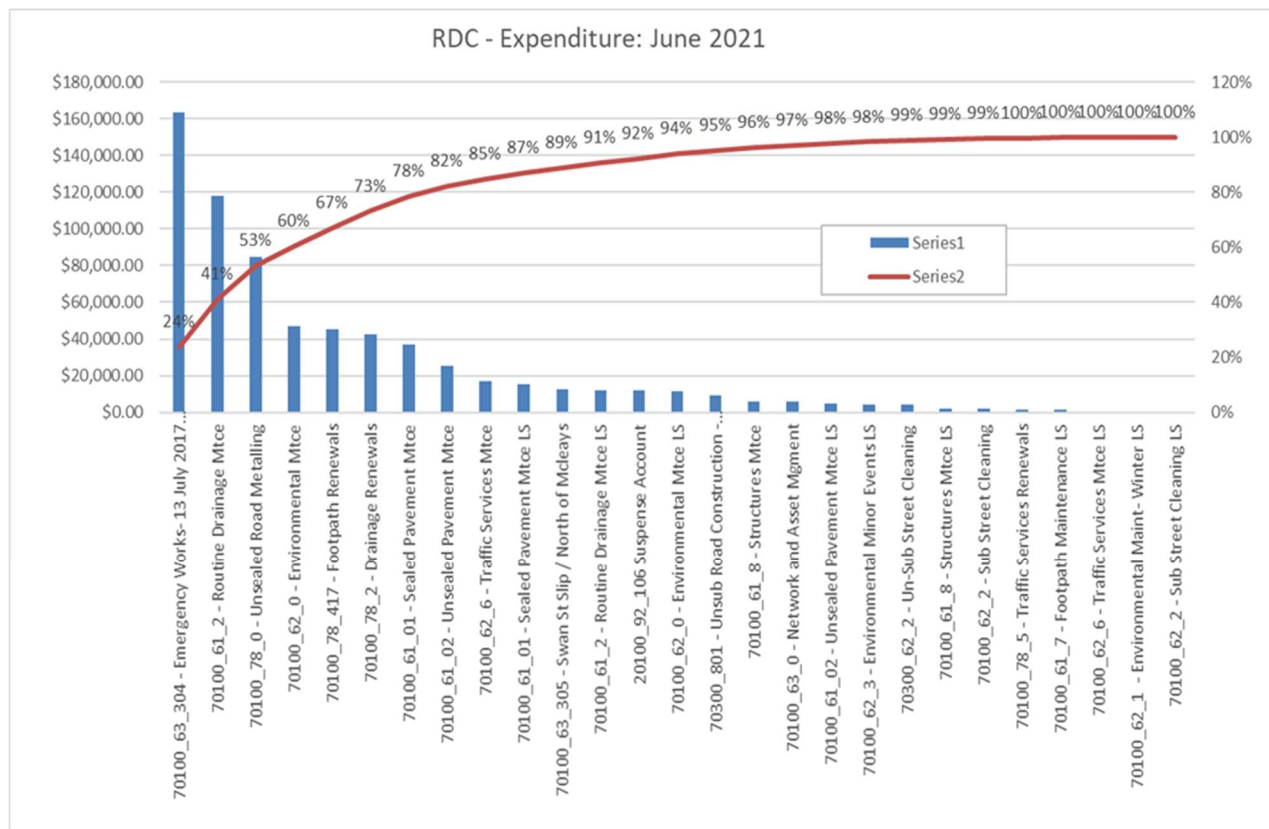


LEAD INDICATORS															
Type	Explanation	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN		
Drug and Alcohol Tests	LEAD: Total number of drug and alcohol tests completed in the period for pre-employment	3	2	6	3	5	3	4	4	3	5	4	4		
Positive Drug and Alcohol Tests	The total number of positive Drug and Alcohol test results in the period	0	0	0	0	0	0	0	0	0	0	0	0		
Site H&S Conversations	The total number of site H&S Conversations completed in the period by Contractors or site	3	3	4	4	4	3	6	5	8	7	6	6		
Site Health and Safety Audits	The total number of site Health and Safety Audits completed in the period by the	8	4	4	5	6	3	4	3	2	1	4	1		
Safety Briefing	The total number of Safety Briefings completed in the month including pre-starts,	4	5	4	4	6	3	5	6	4	4	4	4		
Near Miss (Close call)	The total number of Near Misses submitted in the month by the site team	0	0	1	0	0	0	0	0	0	0	0	2		
Traffic Management Inspection	Total number of audits completed by the designated Site Traffic Manager Supervisor	0	0	0	0	0	0	0	0	0	0	0	0		
Sub Contractor Review	Number of Sub Contract Reviews completed by the main Contractor in the period	0	0	0	0	0	0	0	0	0	0	0	1		
Stop Work Action	The number of occasions when work is suspended proactively due to a member of the	0	0	0	0	0	0	0	0	0	0	0	0		
Positive Reinforcement	The number of occasions the site team have been congratulated of a proactive action or	1	0	0	0	2	0	1	0	0	1	1	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	0	0	0	0	0	0	0	
Notifiable Injuries	Any incident required under H&S Legislation to be reported to a Statutory Authority e.g.	0	0	0	0	0	0	0	1	0	0	0	0	
Lost Time Injuries	Any work related injury or illness certified by a Medical Practitioner and compensable under	0	0	0	0	0	0	0	0	0	0	0	0	
Medical Treatment Injuries	The Management and care of a patient to effect Medical Treatment or combat disease or	0	0	0	0	0	0	0	0	0	0	0	0	
First Aid Injuries	Treatment administered by and within the qualifications of a trained first aid attendant or	0	0	0	0	0	0	0	0	0	0	0	0	
Recordable Injuries	NO NOT COMPLETE	0	0	0	0	0	0	0	0	0	0	0	0	
Serious Environmental Incidents	Environmental controls absent or construction of a device is so poor that it is likely to or has led	0	0	0	0	0	0	0	0	0	0	0	0	
Service Strikes	Contact with an above ground or buried service resulting in damage or potential damage to the	0	0	0	0	1	0	0	0	0	0	0	0	
Property Damage	Contact with third party property resulting in damage	0	0	0	0	0	0	0	0	0	0	0	0	

1.7 FINANCIAL TRACKING

Maintenance				Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
141	Emergency works May 2018	\$481,887		\$49,104	81,905	\$84,129	\$94,844	\$85,884	\$97,412	98,614	\$99,654	355,797	419,254	\$467,740	481,887
	Event July 13/14 2017	\$518,736		\$0	3,275	\$9,365	\$10,108	\$17,104	\$17,331	18,274	\$26,754	\$70,689	161,742	\$356,785	518,736
Emergency Works - Totals		1,000,623	Actual	\$49,104	85,180	93,494	94,952	102,988	114,743	116,888	126,408	426,486	580,996	824,525	1,000,623
			Forecast												
			Budget	83,385	166,771	250,156	333,541	416,926	500,312	583,697	667,082	750,467	833,853	917,238	1,000,623
Maintenance															
111	Sealed Pavement Maintenance	\$1,380,641		\$15,349	91,182	\$215,911	\$376,720	\$615,434	729,546	877,031	\$958,287	1,111,356	1,257,471	1,538,615	1,552,874
112	Unsealed Pavement Maintenance	\$461,291		\$19,613	56,809	\$88,114	\$116,686	\$145,405	170,734	198,263	\$226,579	253,978	280,112	312,520	342,818
113	Routine Drainage Maintenance	\$1,094,653		\$92,671	216,869	\$301,513	\$332,288	\$363,274	395,957	439,825	\$533,363	628,861	695,596	772,396	904,860
114	Structures Maintenance	\$187,064		\$4,896	15,841	\$40,157	\$102,666	\$56,379	78,643	87,188	\$108,619	149,678	160,522	173,583	181,613
121	Environmental Maintenance	\$1,036,048		\$57,334	219,984	\$342,282	\$493,150	\$620,485	713,859	835,927	\$964,460	1,024,448	1,139,237	1,271,931	1,329,362
122	Traffic Services Maintenance	\$404,959		\$16,703	62,331	\$98,656	\$132,131	\$161,317	189,876	220,515	\$258,560	291,080	326,602	365,572	377,852
124	Cycle Path Maintenance	\$1,000		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
125	Footpath Maintenance	\$366,039		\$4,291	30,533	\$50,074	\$62,472	\$70,412	90,867	114,927	\$150,008	186,290	198,665	220,525	266,983
131	Level Crossing Warning Devices	\$15,000		\$0	\$0	\$0	\$0	\$0	\$0	5,122	\$10,617	16,653	16,653	16,653	21,534
140	Minor Events	\$425,931		\$10,482	20,993	\$25,340	\$30,326	\$55,874	90,914	99,621	\$146,285	150,583	155,184	160,363	165,118
151	Network & Asset Management	\$489,174		\$7,557	21,075	\$98,045	\$236,228	\$279,471	343,922	413,074	\$420,191	477,701	497,935	636,908	692,247
Maintenance - Totals		5,861,800	Actual	228,896	735,617	1,260,092	1,882,667	2,368,051	2,804,318	3,291,493	3,776,969	4,290,628	4,727,977	5,469,066	5,835,261
			Forecast												
			Budget	488,483	976,967	1,465,450	1,953,933	2,442,417	2,930,900	3,419,383	3,907,867	4,396,350	4,884,833	5,373,317	5,861,800
Renewals															
211	Unsealed Roads Metalling	\$460,000		\$35,265	71,619	137,498	\$140,414	\$145,514	\$166,463	\$166,463	\$171,834	205,920	241,111	346,908	\$432,659
212	Sealed Roads Resurfacing	\$1,337,996		\$0	246	705	\$1,860	\$690	\$41,232	\$357,103	\$655,085	1,196,296	1,197,398	1,302,646	\$1,302,646
213	Drainage Renewals	\$600,000		\$45,516	100,675	233,870	\$256,021	\$324,802	\$362,546	\$444,822	\$447,671	458,866	470,332	525,201	\$570,232
214	Sealed Road Pavement Rehabilitation	\$897,000		\$74,695	291,175	717,865	\$725,877	\$837,089	\$1,010,810	\$1,032,438	\$1,033,323	1,038,335	1,038,986	1,040,546	\$1,048,597
215	Structures Component Replacements	\$211,000		\$0	0	9,254	\$16,429	\$33,188	\$42,848	\$93,416	\$95,271	99,118	126,688	130,919	\$222,689
222	Traffic Services Renewal	\$275,000		\$907	1,430	6,773	\$7,449	\$8,598	\$20,811	\$21,418	\$24,198	27,600	30,220	35,528	230,709
Renewals - Totals		3,780,996	Actual	156,383	465,145	1,105,965	1,148,050	1,349,881	1,644,710	2,115,660	2,427,382	3,026,135	3,104,735	3,381,748	\$3,807,532
			Forecast												
			Budget	315,083	630,166	945,249	1,260,332	1,575,415	1,890,498	2,205,581	2,520,664	2,835,747	3,150,830	3,465,913	3,780,996
Road Improvements															
324	Accelerated LED Renewal Programme	\$74,838		\$0	\$18,539	\$21,811	\$57,820	\$57,820	\$74,838	\$74,838	\$74,838	\$74,838	\$74,838	\$74,838	\$74,838
341	Low cost / low risk improvements 2018-21	\$1,341,856		\$17,892	\$20,770	\$96,915	\$112,270	\$210,115	\$348,723	\$537,855	\$657,375	\$658,177	\$788,708	#####	\$1,341,856
322	Mangaweka Bridge Replacement - Construction	\$2,750,000		\$0	\$0	\$0	\$156,064	\$322,638	\$322,638	\$1,258,055	\$1,550,160	#####	\$1,975,429	#####	#####
322	Mangaweka Bridge Replacement - Pre-Implementation			\$0	\$7,961	\$52,474	\$65,382	\$74,954	\$98,998	\$128,582	\$207,004	\$209,072	\$219,421	\$223,617	\$223,337
Road Improvements - Totals		4,166,694	Actual	\$17,892	\$47,270	\$171,200	\$391,536	\$665,527	\$845,197	\$1,999,330	\$2,489,377	#####	3,058,396	3,504,143	4,073,036
			Forecast												
			Budget	347,225	694,449	1,041,674	1,388,898	1,736,123	2,083,347	2,430,572	2,777,796	3,125,021	3,472,245	3,819,470	4,166,694
Transport Planning															
3	Activity Management Plan	100,000		0	\$14,964	\$40,000	\$57,088	\$62,485	62,485	66,579	100,000	100,000	100,000	100,000	100,000
Transport Planning - Totals		100,000			14,964	40,000	57,088	62,485	62,485	66,579	100,000	100,000	100,000	100,000	100,000



2 UTILITIES BUDGETS

RDC 3 Waters Projects 20-21FY as at 30/06/2021					
Project	Details	Project Budget	Spend to date	%	Notes
WASTEWATER					
Sewerage Renewals					
WW Centralisation Marton-Bulls project		1,500,000	142,856	10%	RDC PMO managing this project
Land Purchase		1,200,000	-	0%	RDC PMO managing this project
Ren WW Retic	Sewer Pipe CCTV Inspection + Manhole Survey- Station Road to Wellington Road	-	20,040	0%	GHD investigation complete. Tender proposals received from GHD, WSP and Caliber.
Hautapu Street Sewer Main project	Wastewater Rectification Renewals	300,000	218,635	73%	Project complete
Sewerage Renewals Total		3,000,000	381,531	13%	
Sewerage New Works					
Papakai Pump Station Diversion project	Urgent priority	1,500,000	100,855	7%	GHD progressing with detailed design. Geotech complete, two tenders will be done, one for rising main and one for the pump station
Sewerage New Works Total		1,500,000	100,855	7%	
Wastewater Total		4,500,000	482,386	11%	
STORMWATER					
Stormwater Drainage Renewals					
Wellington Road Stormwater Renewal project	Stage 1 and 2	400,000	121,877	30%	Stage 1 complete
Stormwater Drainage Renewals Total		400,000	121,877	30%	
Stormwater Drainage New Works					
Scotts Ferry Stormwater project	Scotts Ferry pump station	261,815	216,535	83%	Project complete
Stormwater Drainage New Works Total		261,815	216,535	83%	
Stormwater Total		661,815	338,412	51%	

RDC 3 Waters Projects 20-21FY as at 30/06/2021					
Project	Details	Project Budget	Spend to date	%	Notes
WATER SUPPLY					
Water Supply Renewals					
Marton B & C Dam project	Marton Dam 2 Second Spillway and BC Dam Spillway	1,440,826	42,001	3%	Installation of pedestrian bridge commenced onsite. Waiting on site visit by Stantec to carry out safety review.
	Marton Dam 2 Second Spillway and BC Dam Spillway		101,384	7%	
Taihape Falling Main Replacement project	Taihape Falling Main Stage 5	780,000	24,405	3%	Project complete, majority of expense for this project are in previous financial years.
			10,440	0%	
Taihape PRV Renewal Project	Taihape: (Intention to Replace pre- 1980 pipes by 2050)	610,000	606,010	99%	Final walkover complete with a few issues identified on snag list. Contractor has worked through the snag list and has dis-established from site.
Bulls Reservoir and Pump Station project	Reservoir and pump station	1,325,000	1,245,140	94%	Security fence contract awarded. Pump station to be tendered once final documents received from GHD. Reservoir now filled
	Watermain to and from reservoir		10,402	1%	Design in progress with GHD.
Tutaenui Truck Main replacement project	Tutaenui Jefferson to Somersal	300,000	44,872	15%	Project complete
Water Supply Renewals Total		4,455,826	2,074,253	47%	
Water Supply New Works					
Mangaweka Watermain Renewal project	Mangaweka Rising main	300,000	221,492	74%	Project complete
Erewhon Rural Main project	Erewhon rural reticulation renewals	267,062	278,923	104%	All works completed with practical completion certificate issued.
Hunternville Urban - Water Treatment New Bore	Hunternville bore	400,000	7,460	2%	Ministry of Health funding received for \$350,272.76, with \$43,238.24 remaining for future subsidised works. Rangitikei Council has confirmed that the project is complete for now until they determine the extent of future works.
Water Supply New Works Total		967,062	507,876	53%	
Water Supply Total		5,422,888	2,582,129	48%	
Three Waters Total		10,584,703	3,402,927	32%	

3 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 surfacewater and groundwater to provide water for eight water schemes associated limits for these abstractions were complied with for the duration of June 2021 (see Table 1 for details).

Table 1: Consent Compliance Abstraction – Water Supply (water-abstraction 1 - 30 June 2021)

Scheme	Compliance June 2021	Comments	Actions
Marton	Compliant		No action required
Taihape	Non-Compliant	The abstraction rate has increased due to the reduced roughness of the falling main. Current infrastructure is preventing council from complying with the resource consent.	As the exceedance is ongoing an abatement notice is likely. WSP have been engaged to re-consent the abstraction. WSP are also undertaking an independent assessment of the falling main to determine options to reduce the abstraction. A memo is being provided to Horizons to update them on the actions detailed above.
Bulls	Compliant		No action required
Mangaweka	Compliant		No action required
Ratana	Compliant		No action required
Erehwon Rural	Compliant	Issues with metering	Investigate meter
Hunternville Rural	Compliant		No action required
Omatane Rural	Compliant		No action required

3.1 WATER SUPPLY – 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 limits. Four of the six plants were compliant for protozoa.

All potable water sampling to continue regardless of COVID restrictions.

Table 2: DWSNZ Compliance (1 June – 30 June 2021)

Scheme	Compliance June 2021 – Bacteria	Compliance June 2021 – Protozoa
Marton		
	Bacteria /E-coli Compliant: Not Detected	Protozoa/ UVT Achieved <95% validation Compliant: 99.19%
	Bacteriological and protozoa Compliant.	
Taihape		
	Bacteria /E-coli Compliant: Not Detected	Protozoa/ UVT Not Achieved <95% validation Non-Compliant: Due to 39 minutes of spikes on filters
	Bacteriological compliant. Protozoa non-compliant.	
Bulls		
	Bacteria /E-coli Compliant: Not Detected	Protozoa/UVT Compliant: 99.75%
	Bacteriological compliant. Protozoa compliance under investigation.	
Mangaweka		
	Bacteria /E-coli Compliant: Not Detected	Protozoa/UVT Achieved < 95% validation Non-Compliant – 99.94%
	Bacteriological and protozoa compliant.	
Ratana		
	Bacteria/E-coli Compliant: Not Detected	Protozoa Not Applicable - Secure Bore
	Bacterial and protozoa compliant.	
Hunternville Urban		
	Bacteria /E-coli Compliant: Not Detected	Protozoa/UVT Not Achieved < 95% validation Non-compliant: 83 minutes of spikes on filters and UV
	Bacterial compliant. Protozoa non-compliant	

Drinking water was safe to drink for the month of June 2021.

Drinking-water Standards for New Zealand 2005 (Revised 2018) will be the operative standard moving into the 2021-2022 compliance year until further notice. We currently have no timeline for when the new rules will come into force.

3.2 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. DHB has advised that they currently don't have capacity to review the plan. After consultation with DHB the

proposed water safety plan is to be implemented as it is a significant improvement from previous plans.

The Wate Services Bill which will replace parts of the Health Act 1956 is now in Parliamentary Select Committee and will be reported back to the House of Parliament on 11 August 2021.

3.3 WASTEWATER

RDC have seven discharge consents of which three were fully compliant for the duration of June 2021 (See Table 4 for details). The following non compliances have been identified.

- Taihape WWTP - Discharge volume
- Bulls WWTP - Total suspended solids in the effluent and discharge volume for 3 days.
- Hunterville WWTP - E.coli & DRP in the effluent. Aluminium downstream.
- Ratana WWTP -discharge volume limit on 17 days.

Investigations relating to the Ratana and Marton/Bulls WWTP applications are on hold subject to obtaining land.

- Rangitikei District Council staff are responsible for land negotiations.
- Experts outside the shared services agreement are working on the Taihape WWTP AEE.
- Rangitikei District Council are co-ordinating the Marton Bulls WWTP centralisation AEE.
- WSP providing consenting advice for Ratana WWTP
- WSP to co-ordinate re-consenting projects.

All wastewater sampling has ceased during level 4 COVID 19 restrictions. Sampling will recommence once out of level 4 restrictions.

Table 4: Consent Compliance – Wastewater Treatment Plants

Scheme	Compliance June 2021	Comments	Actions
Marton	Compliant	<p>Black disc assessments did not occur due to insufficient water upstream.</p> <p>The plant was compliant in June but cannot reliably maintain compliance and could be non-compliant at the next sampling.</p>	<p>RDC managing the re consenting process.</p> <p>Additional aquatic survey scheduled for this year depending on COVID restrictions</p> <p>Upgrade scope being prepared given long-term plans to pump to Bulls WWTP.</p>
Taihapa	Non-Compliant	Non-Compliant for discharge volume condition for whole month due to continuing low flows in the Hautapu River.	<p>Cultural Impact Assessment underway.</p> <p>Two hui completed to understand cultural concerns, improve relationship and to progress re-consenting.</p> <p>Proposed short term consent to the River with long term aspiration to discharge to land.</p>
Bulls	Non-Compliant	Non-Compliant with discharge volume for 3 days of month non-compliant for total suspended solids in effluent.	<p>Still looking at how we can get a PAR equivalent reading in the field.</p> <p>The Bulls treatment plant is in need of some upgrades to improve performance. Items such as the repair of the wavebands and treatment improvements will be investigated and upgraded as part of the Marton to Bulls centralisation project.</p>
Mangaweka	Compliant	Slightly over discharge limit on 1 day due to rainfall event at end of month. 91 m ³ instead of 90 m ³ but still compliant in accordance with the consent conditions	UV replaced
Hunternville	Non-Compliant	Compliant for the whole month with discharge volume condition. Non-compliant with E.coli and DRP in Effluent. Non-compliant with Aluminium downstream	<p>New consent is required.</p> <p>WSP has been engaged as part of the Regional Treatment Plant Consenting Programme to re-consent this treatment plant.</p>

Scheme	Compliance June 2021	Comments	Actions
Ratana	Non-Compliant	Over consent discharge volume limit on 17 days	Land acquisition on track to be completed 31 August 2021 subject to council approval. Time extension on central government funding provided to mid September 2021 to finalise paper work.
Koitiata	Compliant		

4 SOLID WASTE

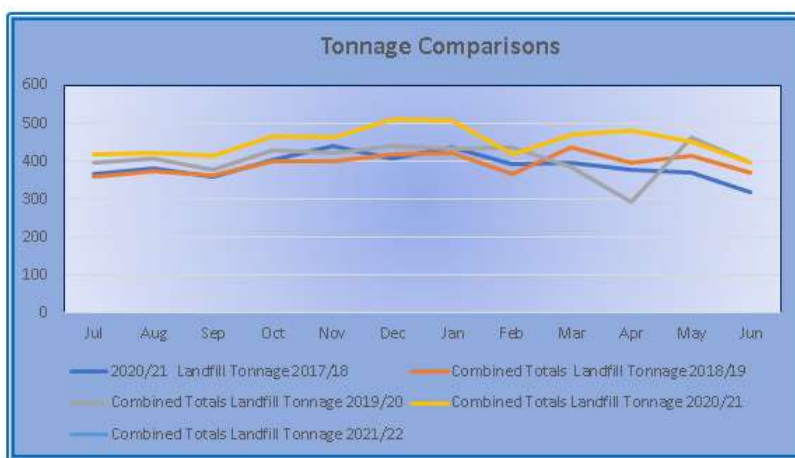
4.1 Transfer Station Inspections

The Transfer Station in Taihape is currently being cleared of greenwaste and e-waste. All other transfer stations were in a clean and tidy condition.

4.2 Waste Transfer Station Monthly Trends

Monthly Waste to Landfill

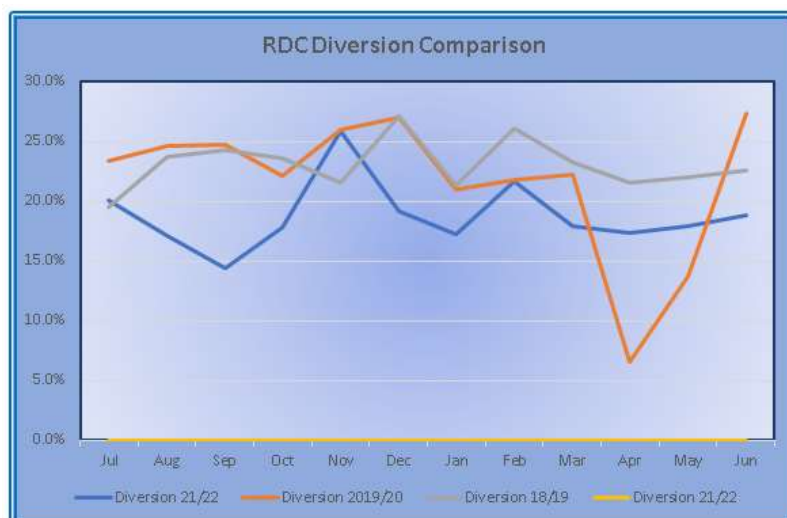
Volumes of waste to landfill is consistently high as from previous year's annual aggregate tonnage (2019/20 comparable month aggregate of 4878 tonnes). June's 2021 amount is 397 tonnes giving a year to date aggregate of 5430 tonnes, up from previous years.



Diversion Comparison

The diversion comparison measures the amount of waste diverted from the landfill for recycling or reuse.

For June the previous year's diversion (2019/20 comparable) at an average of 27.4% is slightly higher than this year at the same time of 18.9%.



9.2 Marton Water Consumption**Author:** Arno Benadie, Chief Operating Officer**Authoriser:** Peter Beggs, Chief Executive**1. Reason for Report**

1.1 More detailed information regarding the water consumption of Marton residents has been requested by Elected Members. The current reported values of 600 litres/person/day appears high and warranted additional detailed investigation and analysis.

1.2 The recorded data for the 2019 – 2020 financial year is the following:

Description	Value
Total volume of drinking water produced for Marton in 2019 - 2020	888,783 m ³ /annum
Total annual volume metered consumption	215,312 m ³ /annum
The Average % of real water loss form the system in 2019 – 2020	42%
Total volume of real water loss	278,618 m ³ /annum
Number of people connected to the Marton network	3,750

1.3 Using the recorded data above we can now calculate the following:

- Not taking into consideration any mitigation factors, the average daily demand per person per day for Marton is – $(888,783/365/3,750) \times 1,000 = 650$ L/person/day
- The following metered consumption can be removed from the calculation:
 Commercial and Industrial metered consumption = 132,006 m³
 Metered Farming activities and Lifestyle blocks = 83,306 m³
 Total metered consumption to be removed = 215,312 m³
- New total after removing metered use = $888,783 - 215,312 = 673,471$ m³
- The daily demand without Commercial and industrial consumption is:
 $(673,471/365/3,750) \times 1,000 = 492$ L/person/day.
- We can also remove the real water losses from the calculation as this volume is not used by the Marton residential customers.
 $673,471 - 278,618 = 394,853$ m³ per annum
- The reduced volume now equates to $(394,853/365/3,750) \times 1,000 = 288$ L/person/day.

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- 1.4 The average daily demand calculated by removing Commercial, Industrial and farming activities is the most accurate measure of the performance of the network. This equates to 492 L/person/day and is still higher than the industry standard of 250 L/person/day.

Although the total volume of water consumed by the residents of Marton once all mitigating volumes has been removed looks more in line with industry standards at 288 L/person/day, it is important to remember that the original calculation of 650 L/person/day and the more accurate 492 L/person/day describes the overall performance of the network. It is important to maintain network vigilance and identify improvements, and as such the measure of 492 l per day is considered best for comparative purposes.

Recommendation

That the report 'Marton Water Consumption' be received.

9.3 Hunterville Sport & Recreation Trust Report: For the 2020/2021 Swim Season**Author: Fi Dalgety, Chair****Hunterville Sport & Recreation Trust Report**
For the 2020-2021 Swim Season

The Hunterville Pools opened for the summer season on December 5th and closed on March 28th 2021.

We employed a total of 6 lifeguards for the season and saw 1,340 paying swimmers through the door, an average of 84 swimmers per week over the 16 weeks we were open. In addition to this, we also had 160 Hunterville School students use the pools each day for school lessons during February. The Hunterville Swim Club had 60 children in lessons during February and March, 2 afternoons a week, as well as a Club night once a week. We were pleased with these numbers as it was a particularly chilly summer.

We were really excited to see some of our much-anticipated pool renovations begin last winter. Simon Hughes from Alf Downs was instrumental in overseeing and coordinating all contractors during the renovation. We had new pipework installed, the filtration was corrected and brought up-to-spec, and in-line with compliance, and the areas around our learn to swim pool and a third of the shallow end of the main pool had new concrete surrounds poured – this was as much as our grant budget would allow. Old railings were removed (in the shallow end, up to and including where the new concrete was poured) as well as the dated and dangerous diving blocks. The improvements are stunning and couldn't have been possible without the \$50,000 grant from the Four Regions Trust. As you can see in the following photos, the improvements are fantastic! It's great to see the uneven (toe-stubbing) cracks have gone.



We were thrilled to receive our Poolsafe accreditation again for the 2021-22 season, with Charissa Lawlor (our Pool Manager) responsible for this.

We finally received Building Consent for the planned rebuilding of our office area and changing rooms. We were a little disappointed in the length of time it took for this to happen, meaning our renovations have yet again been pushed out to later this Spring. We are now two years behind with this project, and while we are all set to use the funding we received

ITEM 9.3

from the Duddings Trust in 2019, coupled with Covid and the ensuing delays in materials, our fears have been realised that we have a shortfall for this project.

We were incredibly grateful to the Hunterville Lions Club who spent a weekend working bee demolishing the old facilities, and in doing so, saved us a lot of money. We are all set for the build to begin!

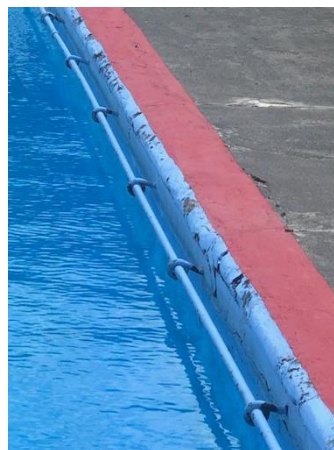


The iconic façade will be replicated



Ready for the build to begin

We are incredibly grateful to have applied for and received another \$50,000 from the Four Regions Trust which will go towards upgrading the remaining pool surrounds. As you can see in the following photos, this is still a high priority to complete!



We also applied to Pub Charity for funding to cover the costs of the Plumbing work in the new changing rooms. We were granted the funds for this and they were very understanding in allowing us to extend our 'spend period' to allow for the delay in starting the renovations.

As you have read, the Trust has been very proactive in securing funding for these much-needed improvements, and we are thankful to Charissa Lawlor who has applied for the grants on our behalf. To date, we have applied for and been granted \$222,450.00, which covers work completed and towards some of the current projected costs. We are still short of about \$120,000.00 to complete the remaining work that is required. This includes fixing/filling of the cracks, pipework, concrete work and sandblasting and repainting of both the main pool and the learn to swim pool. We are getting very concerned that our funding options are becoming very limited.

We are all looking forward to a great 2021-2022 swim season however, with new change rooms, office area and entranceway. We invite anyone from RDC interested to come and visit once these current renovations are completed.

Tris Weston – Trust Administrator

Fi Dalgety - Chairperson

Recommendation

That the report 'Hunternville Sport & Recreation Trust Report: For the 2020/2021 Swim Season' be received.

10 Discussion Items

10.1 Bulls Water Tower

Author: Jessica McIlroy, Operations Manager

Authoriser:

1. Reason for Report

- 1.1 Mrs Mcilroy will lead a discussion on this item.

11 Public Excluded

Resolution to Exclude the Public

The meeting went into public excluded session [enter time](#)

Recommendation

That the public be excluded from the following parts of the proceedings of this meeting.

1. Confirmation of Assets/Infrastructure Minutes (Public Excluded)

The general subject matter of each matter to be considered while the public is excluded, the reason for passing this resolution in relation to each matter, and the specific grounds under section 48 of the *Local Government Official Information and Meetings Act 1987* for the passing of this resolution are as follows:

General subject of each matter to be considered	Reason for passing this resolution in relation to each matter	Ground(s) under section 48 for the passing of this resolution
1.1 – Confirmation of Assets/Infrastructure Minutes (Public Excluded)	s7(2)(a) - Privacy s7(2)(h) – Commercial activities	s48(1)(a)(i)

This resolution is made in reliance on Section 48(1) of the Local Government Official Information and Meetings Act 1987 and the particular interests protected by Section 6 or Section 7 of the Act which would be prejudiced by the holding or the whole or the relevant part of the proceedings of the meeting in public as specified above.

12 Open Meeting

The meeting went into open session at <<time>>.

Recommendation

That the public excluded meeting move into an open meeting, and the below recommendations be confirmed in the open meeting:

21/AIN/** - 21/AIN/**

13 Next Meeting

The next Assets/Infrastructure meeting is scheduled for Thursday, 09 December 2021.

14 Meeting Closed