



Assets/Infrastructure Committee Meeting

Order Paper

Thursday, 14 February 2019, 9:30 am

**Council Chamber, Rangitikei District Council
46 High Street, Marton**

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Chair
Cr Dean McManaway

Deputy Chair
Cr Ruth Rainey

Membership

Councillors Richard Aslett, Cath Ash, Nigel Belsham, Jane Dunn,
Angus Gordon, Lynne Sheridan and Dave Wilson
Ms Coral Raukawa-Manuel (Te Roopu Ahi Kaa representative)
His Worship the Mayor, Andy Watson (ex officio)

Please Note: Items in this agenda may be subject to amendments or withdrawal at the meeting. It is recommended therefore that items not be reported upon until after adoption by the Council. Reporters who do not attend the meeting are requested to seek confirmation of the agenda material or proceedings of the meeting from the Chief Executive prior to any media reports being filed.



Rangitikei District Council

Assets and Infrastructure Committee Meeting

Agenda – Thursday 14 February 2019 – 9:30 a.m.

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The quorum for the Assets and Infrastructure Committee is 6.

Council's Standing Orders (adopted 3 November 2016) 10.2 provide: The quorum for Council committees and sub-committees is as for Council, ie half the number of members if the number of members (including vacancies) is even or a majority if the number of members is odd.

1 Welcome

2 Council Prayer

3 Public Forum

4 Apologies/leave of Absence

5 Members' conflict of interest

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

6 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, be dealt with as a late item at this meeting.

7 Confirmation of minutes

The minutes of the Assets/Infrastructure Committee meeting from 15 November 2018 are attached.

File ref: 3-CT-13-2

Recommendation:

That the Minutes of the 'Assets/Infrastructure Committee' meeting held on 15 November 2018 be taken as read and verified as an accurate and correct record of the meeting.

8 Chair's Report

A report will be tabled at the meeting.

File ref: 3-CT-13-4

Recommendation:

That the 'Chair's Report' to the Assets/Infrastructure Committee meeting on 14 February 2019 be received.

9 Progress with Strategic Issues

Regarding key priority issue 1, the implications of the One Road Network Classification formed part of the LTP workshop session on 20 July 2017. A preliminary presentation has been done

on a development contributions policy, with a follow-up discussion on 5 October 2017 to understand better the statutory requirements for developing a policy and the likely infrastructure needs to service larger-scale subdivisions. At the Finance/Performance Committee's meeting on 26 October 2017, the use of an alternative statutory mechanism – development agreements – was considered and a revised proposal considered at Council's meeting on 25 January 2018. Another approach to incentivising residential development was discussed at Council's workshop, a draft policy was considered at the Policy/Planning Committee's 13 September 2018 meeting and approved for consultation at Council's meeting on 27 September 2018. [Consultation opened on 1 November 2018.](#)

The adopted transport and parking bylaw contains provisions which allow Council some control over logging vehicles and to secure financial compensation for damage to the roading network. A meeting with heavy vehicle stakeholders was held on 3 August 2017. Written submissions on the proposed Bylaw closed on 8 September 2017, with oral submissions heard on 28 September. Council deliberated on all submissions at its meeting on 26 October 2017 and approved the bylaw with the exception of section 16 on heavy vehicles which was reconsidered and amendments approved at Council's meeting on 30 November 2017.

Regarding key priority issue 3, the licence to occupy for the groups in the former Taihape College (Rauma Road) was signed and returned to the Ministry of Education. An extension for three years was subsequently offered and accepted. A project plan was agreed to for upgraded amenities on Taihape Memorial Park and an intensive study of use of the Park reported to Council's meeting on 14 December 2017 (with the recommendations incorporated into the Consultation Document for the 2018-28 Long Term Plan). A report on options was provided to the July 2018 meeting of the Assets/Infrastructure Committee, with further considerations at the August meeting. The proposed new amenities were put on hold to allow estimated costs to be provided for renovating the grandstand (including the facilities underneath) and to gain further clarification from Clubs Taihape on their intentions. [An update is provided as a separate item on this meeting agenda.](#)

A presentation was provided outlining three scenarios for Council if it were to retain ownership and management of community housing in the District; Council has agreed to a capital renewal programme. At its meeting on 31 May 2018, Council agreed that market rental would be charged, on the basis of tenants becoming eligible for supplementary accommodation benefits and receiving with a Council-paid subsidy on electricity charges from Council's supplier for the first two years. [These arrangements came into effect from 5 November 2018.](#)

Toilets primarily funded by the Mid-sized Tourism Infrastructure Fund have been installed at Bruce Park and Papakai Park. The location of the toilet in Mangaweka Village will be on land owned by Papa Cliff Café, for which a licence to occupy has been negotiated.

A public meeting was held on 11 December 2017 to discuss future possibilities for the Santoft Domain. This showed strong interest in seeing part of the Domain develop for public use. An on-site meeting was arranged for 7 April 2018, and a Domain Committee appointed for the rest of the triennium. An application was made in early June to the Tourism Infrastructure Fund to assist with the provision of an ablution block there; advice was received in September that this application had been declined. A draft management plan was considered by the Committee at its meeting on 31 July 2018, and again on 2 October 2018.

10 Infrastructure Protection Update – January 2019

A memorandum is attached.

Recommendation:

That the memorandum 'Infrastructure Protection Update – January 2019' to the Assets/Infrastructure Committee meeting on 14 February 2019 be received.

11 Three-year roading programme as approved by NZTA

A report is attached.

Recommendation:

That the report on 'Three-year roading programme as approved by NZTA' be received.

12 Proposed Marton Water Supply Strategy

As noted in the Administrative matters report to Council on 31 January 2019, the recent issues with Marton's water makes it timely that a more a strategic approach is taken to consider the deliver high quality water on a consistent basis. A draft scope Marton Water Strategy is attached for the Committee's consideration.

Recommendations:

- 1 That the report 'Proposed Marton Water Supply Strategy' to the Assets/Infrastructure Committee meeting on 14 February 2019 be received.
- 2 That the Assets/Infrastructure Committee endorse [as amended/without amendment] the draft proposed Marton water strategy (February 2019) and the indicative development process and timelines.

13 Infrastructure Group project and activity report

A report is attached.

Recommendations:

That the 'Infrastructure Group project and activity report' to the Assets/Infrastructure Committee meeting on 14 February 2019 be received.

14 Community & Leisure project and activity report

A report is attached.

Recommendation:

That the 'Community & Leisure project and activity report' to the Assets/Infrastructure Committee meeting on 14 February 2019 be received.

15 Questions put at previous meeting for Council advice or action

None.

16 Late items

As agreed in Item 6.

17 Future items for agenda

18 Next meeting

21 March 2019 at 9.30am.

19 Meeting closed

Attachment 1



Rangitikei District Council

Assets and Infrastructure Committee Meeting

Minutes – Thursday 15 November 2018 – 9:30 a.m.

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Present:	Cr Dean McManaway (Chair) Cr Ruth Rainey Cr Richard Aslett Cr Cath Ash Cr Nigel Belsham Cr Jane Dunn Cr Lynne Sheridan Cr Dave Wilson Ms Coral Raukawa-Manuel (Te Roopu Ahi Kaa representative)	
Also Present	Cr Graeme Platt	
In attendance:	Mr Michael Hodder, Community & Regulatory Services Group Manager Mr Hamish Waugh, Infrastructure Group Management Mr Blair Jamieson, Strategy and Community Planning Manager Mr Lequan Meihana, Strategic Advisor – Mana Whenua Mr Arno Benadie, Principal Advisor - Infrastructure Mr Glenn Young, Utilities Manager Mr Reuben Pokiha, Roding Advisor Ms Kylie Iwikau, Executive Assistant - Infrastructure Mr Graeme Pointon, Strategic Property Advisor Ms Gaylene Prince, Community & Leisure Assets Team Leader Ms Selenia Anderson, Governance Administrator	
Tabled Documents:	Item 8 Item 15	Chair's Report Correspondence with Council's community housing tenants

1 Welcome

The meeting started at 9.31am the Chair welcomed everyone to the meeting.

2 Council Prayer

Cr Platt read the Council Prayer.

3 Public Forum

Nil

4 Apologies/leave of Absence

That the apology for the absence of Cr Gordon and His Worship the Mayor be received.

Cr Belsham / Cr Aslett. Carried

5 Members' conflict of interest

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

6 Confirmation of order of business

There were no late items.

Item 16 was deferred to the 15 November 2018 Council Workshop.

7 Confirmation of minutes

Resolved minute number	18/AIN/095	File Ref	3-CT-13-2
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That the Minutes of the 'Assets/Infrastructure Committee' meeting held on 11 October 2018 be taken as read and verified as an accurate and correct record of the meeting.

Cr Rainey / Cr Wilson. Carried

8 Chair's Report

The Chair took his tabled report as read.

Resolved minute number	18/AIN/096	File Ref	3-CT-13-4
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That the 'Chair's Report' to the Assets/Infrastructure Committee meeting on 15 November 2018 be received.

Cr McManaway / Cr Dunn. Carried

9 Progress with Strategic Issues

The Committee noted the commentary in the agenda.

10 Infrastructure Protection Update – October 2018

Mr Pointon spoke to his memorandum. He updated the Committee that the 8 Walton St subdivision consent has been granted.

Resolved minute number	18/AIN/097	File Ref	6-CF-4
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That the memorandum 'Infrastructure Protection Update – October 2018' be received by the 15 November 2018 Assets/Infrastructure Committee meeting.

Cr Belsham / Cr Rainey. Carried

11 Putorino Landfill

Mr Benadie took the report as read.

The Committee discussed the background, the current state of the landfill and the action plan for the landfill.

Resolved minute number	18/AIN/098	File Ref	6-SO-1-8
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That the report 'Putorino Landfill' to the Asset and Infrastructure Committee meeting 15 November 2018 be received and the information be noted.

Cr Aslett / Cr Dunn. Carried

12 New footpath along Parewanui Road

The Committee noted the commentary in the agenda.

Resolved minute number	18/AIN/099	File Ref
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That, regarding the requested new footpath along Parewanui Road between Ferry Road and Parewanui Road, the Assets/Infrastructure Committee recommends to Council to include the work in the 2019/20 programme on the basis of reprioritisation of other planned work.

Cr McManaway / Cr Belsham. Carried

13 Completion of the North Eastern footpath of Ongo Road (6 Ongo Road to Wilson St), Hunterville

The Committee noted the commentary in the agenda.

Resolved minute number **18/AIN/100** **File Ref**

That, regarding the requested completion of the north eastern footpath of Ongo Road (6 Ongo Road to Wilson Street), Hunterville, the Assets/Infrastructure Committee recommends to Council to-increase the new footpath budget in 2019/20 by \$32,000 so that the work is included in the 2019/20 programme without affecting already planned work subject it to confirmation from NZTA that it is eligible for subsidy.

Cr McManaway/ Cr Rainey. Carried

14 Restoration of Boer War Memorial in Marton Park

The Committee noted the commentary in the agenda.

Resolved minute number **18/AIN/101** **File Ref** **1-AS-1-1; 6-RF-1-10**

That, acknowledging

- Council's resolution on 25 October 2018 (18/RDC/392) that the restoration of the Boer War Memorial in Marton Park as an unbudgeted expenditure be referred to the Assets/Infrastructure Committee, and
- the normal level of Council contribution under the Parks Upgrade Partnership Fund being one third and the community contribution two thirds,

the Assets/Infrastructure Committee approves an unbudgeted grant of \$12,618 for the restoration of the Boer War Memorial in Marton Park, with the cemeteries budget for 2018/19 adjusted accordingly.

Cr Wilson / Cr McManaway. Carried

15 Hunterville Domain fitness track

Mr Richard Gower – Hunterville School BOT Property Representative was in attendance.

The Committee discussed the current usage and the proposed usage of the new fitness track.

Motion

That the Assets/Infrastructure Committee approve a grant of \$10,152.66 as Council's contribution to the Hunterville Fitness Track

Cr McManaway / Cr Ash

Amendment

.....a grant of \$7,882....

Cr Belsham / Cr Rainey. Carried

Resolved minute number

18/AIN/102

File Ref

1-AS-1-1; 6-RF-1-9

That the Assets/Infrastructure Committee approve a grant of \$7,882.00 as Council's contribution under the Parks Upgrade Fund to the Hunterville Domain fitness track.

Cr McManaway / Cr Ash. Carried

16 Upgraded amenities on Taihape Memorial Park

Deferred for consideration in Council workshop.

17 Key performance indicators for the swim centres

Ms Prince spoke to her report.

The Committee considered that these were good key performance indicators of how the swim centres are progressing.

Undertaking

Subject

Staff to investigate the health and safety regulations around the depth of the pool when using diving blocks.

Resolved minute number

18/AIN/103

File Ref

6-RF-2-4

That the report 'Key performance indicators for the swim centres' be received.

Cr Belsham / Cr Dunn. Carried

Resolved minute number

18/AIN/104

File Ref

That the key performance indicators , as presented to the Assets/Infrastructure Committee at its meeting on 15 November 2018, (without amendment) be included in the extended

contract covering the Marton and Pool Swim Centres from 16 September 2019 to 30 June 2020

Cr Belsham / Cr McManaway. Carried

18 Infrastructure Group Report

Mr Waugh, Mr Pokiha and Mr Young were available to answer the Committee's questions.

The following points were discussed:

- Roothing – The application for funding for Emergency Works Funding has been approved by the New Zealand Transport Agency
- Turakina Valley Seal Extension – work has been completed
- The odour and taste of Marton water was a seasonal issue caused by algal bloom. There was no health issue. Provision of water filter jugs had been appreciated.

Resolved minute number

18/AIN/105

File Ref

That the 'Infrastructure Group Report' be received by the 15 November 2018 Assets/Infrastructure Committee meeting.

Cr Aslett / Cr Ash. Carried

Cr Dunn left at 10.45am – 10.48am

19 Community and Leisure project and activity report (Including parks and community housing)

Ms Prince took her report as read.

Resolved minute number

18/AIN/106

File Ref

That the 'Community and Leisure Assets report' be received by the 15 November 2018 Assets/Infrastructure Committee meeting.

Cr Belsham / Cr Rainey. Carried

20 Questions put at previous meeting for Council advice of action:

The Committee noted the commentary in the agenda.

21 Late Items

None

22 Future Items for the agenda

Nil

23 Next meeting

14 February 2019, 9.30 am.

24 Meeting closed

10.48am

Confirmed/Chair: _____

Date:

Attachment 2

Memorandum

To: Assets/Infrastructure Committee

From: Graeme Pointon

Date: 14 February 2019

Subject: **Infrastructure Protection Update - January 2019**

File: 6-CF-4

1 Ratana

- 1.1 New Bore – documents with vendor.
- 1.2 New Water Treatment Plant – Lease and Easement to be executed by Grantors. Further action partially linked to 1.1 (same Survey) and need to expand Urupa.
- 1.3 WWTP effluent disposal – alternative disposal sites under investigation.

2 Bulls

- 2.1 Water reservoirs and access – awaiting outcomes from Bulls Water review.
- 2.2 8 Walton St (relocated dwelling) – Services all connected. Rewiring well advanced. Exterior almost completed; concrete to be laid and garage renovation underway. Subdivision Consent held. Title action in progress.
- 2.3 Walton Street (Balance) – Potential partner working on costings. Further negotiations will follow. / developer have begun.
- 2.4 Walker Place – Potential development partner has backed away; costings too great in present market.

3 Hunterville

- 3.1 Water Treatment Infrastructure – Landowners' lawyer will respond as soon as final instructions are received.
- 3.2 Cemetery Extension – Agreement with vendor. Action seeking Designation progressing.
- 3.3 Waste Water Infrastructure Protection – Surveyor to be on site 14/02/2019.

4 Taihape

- 4.1 Rail land (South end of Town) – No further advice available from Crown. Further follow-up under action.
- 4.2 WWTP – ownership of electricity supply infrastructure still not known. Survey completed. Easement documents awaited

5 District Wide

- 5.1 Work for protection of critical infrastructure identified as essential has been completed, or is well in hand.
- 5.2 The next phase of work has commenced (Bulls is the initial “target” and all other of the urban areas will follow). RDC asset data is being matched to LINZ data to develop a desktop assessment of infrastructure sited on non-public land which requires further investigation (for either formal easements or access rights). Initial indications for Bulls are that there may be few water supply and stormwater assets requiring protection, while wastewater assets in private land are presenting as more or less wholly unprotected.
- 5.3 Updates will be reported to this Committee.

6 Recommendation

- 7 That the memorandum ‘Infrastructure Protection Update – January 2019’ to the Assets/Infrastructure Committee meeting on 14 February 2019 be received.

Graeme Pointon
Strategic Property Advisor

Attachment 3

Report

Subject: Three-year roading programme as approved by NZTA

To: Assets/Infrastructure Committee

From: John Jones

Date: 5 December 2018

File Ref: 6-RT

1 Executive Summary

1.1 Purpose of the report

To provide the Assets/Infrastructure Committee with a copy of the 'Three-year roading programme as currently approved by NZTA'.

1.2 Key issues

Land use changes and transport requirements are placing increasing stresses on the form and function of the network. The changing demands and needs of road users are impacting on the Customer Levels of Service (CLOs) previously provided, resulting in an increase in reactive interventions.

During periods of intense rainfall mudslides, debris flows and rock slides occur in the rural hinterland. Between 2006 and 2016, the annual average cost of Emergency Reinstatement was \$3.4 million and is trending towards \$3.9 million.

The problem is that the existing drainage system is unable to cope with the increasingly frequent intense rainfall events.

The increase in logging traffic has commenced and there will be a peak between 2027 and 2029 with 3.5 million tonnes predicted to be extracted during that period. The increase in logging trucks will erode Network CLOs for Safety, Accessibility, Efficiency, Amenity and Travel Time Reliability (TTR). This will place pressure on rural road maintenance schedules. The size and remote locations of some major forest lots will require road maintenance and harvest regimes that maintain both public use and harvest sustainability.

There is a high level of Serious and Fatal (S&F) crashes per vehicle Kilometre Travelled i.e. High Personal Risk. This results in high social and economic cost.

1.3 Council's Strategic Response

The maintenance strategy and proposed capital projects included in the 'Three-year roading programme' are consistent with, and contribute towards achieving wider national

and regional land transport priorities and objectives. These priorities and objectives are guided by the Government Policy Statement on Land Transport (GPS), NZTA's Long Term Strategic View, and the Regional Land Transport Plan (RLTP). By ensuring alignment with these high level strategic documents, the Council will not only realise its local strategic vision, but will also play its role in achieving a regional strategic integrated land transport network.

Maintenance: Investment is required in, structures maintenance, drainage and resilience projects to reduce the cost of Emergency Works and prepare for the impact of an increased number of logging trucks. The proposed strategy is to;

- Improve the reliability and cost effectiveness of the road network.
- Deliver optimised programmes that are affordable and consistent in cost within like classifications (ONRC).

Network Resilience: The proposed strategy is to;

- Develop operational systems and capabilities and immediate action plans.
- Identify risks and reduce magnitude of their impact and likelihood of occurring
- Increased drainage maintenance, and renewals
- Increase unsealed road metalling
- Increase in structural maintenance and component renewals

Forestry Harvest: The proposed strategy will be

- Communicate with forest owners and logging contractors to discuss non-fiscal solutions such as agreements on harvest programmes and 'fit for purpose' maintenance regimes etc.
- Improve the reliability and cost effectiveness of the road network.
- Deliver optimised programmes that are affordable and consistent in cost within like classifications (ONRC).

Safety: The proposed strategy is to reduce the number and severity of crashes on the network by;

- Installing, upgrading or amending signage throughout the network.
- Removal of a number of trees that are road side hazards
- Improve visibility by sight-benching
- Minor safety improvements e.g. intersection upgrades, safety barriers, seal widening.

2 Recommendation

- 2.1 That the report on 'Three-year roading programme as approved by NZTA' be received.

John Jones
Roading Manager

The Programme

The 2018/21 Rooding Programme was developed using the ONRC Performance Measures. To meet these new measures Council has;

- analysed the changing context and environment,
- reviewed it's the current practices and thinking,
- changed some systems that have been in place for a long time,
- revisited assumptions and set the new frameworks for the future.

The ONRC Performance Measures support investment in a fit for purpose level of service consistently across the country. The ONRC Performance Measures are described in the following six groups;

- Efficiency,
- Safety,
- Resilience,
- Amenity,
- Travel Time Reliability and,
- Accessibility.

1 Investment Management (Activity Class)

1.1 Activity management planning improvement (Work category 003)

This work category provides for the preparation and improvement of land transport Activity Management Plans, road safety action plans and procurement strategies.

1.2 Programme business case development (Work category 004)

This work category provides for the preparation of a Programme Business Case, including supporting evidence collection and model application.

The Transport Agency expects that proposals for funding assistance for a Programme Business Case will be justified using a fit for purpose Strategic Case which:

- outlines the case for change and the need for the potential investment
- identifies the strategic context and fit of the proposed investment
- provides stakeholders with a high degree of confidence that the investment aligns with strategic priorities.

Investment Management (Activity Class) Budgets				
WC	Work Category Name	2018/19	2019/20	2020/21
003	Investment management Planning	50,000	50,000	50,000
004	Programme business case development	50,000	50,000	50,000
	Investment Management - Totals	100,000	100,000	100,000

2 Maintenance (Activity Class)

2.1 Sealed pavement maintenance (Work category 111)

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

This is an **enhanced** programme to cover the cost of deterioration caused by increased traffic associated with logging. The heavy maintenance will be targeted at the haul routes.

Heavy Maintenance	2018/21
Mangahoe Road (1400m) aligns with forestry	79,000
Okirae Road (1910m) aligns with forestry	60,000
Mangatipona Road (600m) aligns with forestry	19,000
Turakina Valley 3 (1720m) aligns with forestry	54,000
Mangatipona (300m) align with forestry	9,000
Mangatipona (1500m) align with forestry	47,000
Parewanui/Raumai Road intersection(500m) align with forestry	15,000
Te Moehau Road (3080m) align with forestry (deferred to next 3 year funding block)	89,000
Length 11,010m	\$372,000

2.2 Unsealed pavement maintenance (Work category 112)

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

This is an **enhanced** programme to cover the cost of deterioration caused by increased traffic associated with logging. The maintenance will be targeted at the haul routes. The programme will be developed in close consultation with forestry owners and logging contractors. Refer to Activity Management Plan; Section 9: Future Demand.

2.3 Routine drainage maintenance (Work category 113)

This work category provides for the routine care of drainage facilities to maintain their function.

This an **enhanced** programme to address a backlog of deferred maintenance. The goal is to make the network more **resilient** to severe weather events. The estimate is based on Lump Sum activities, 110km of water channel cleaning and high shoulder removal mainly within re-seal sites, and 2.5km of culvert jetting. The budget is increased by \$300k over the next 3 years to address a backlog of high priority faults identified.

2.4 Structures maintenance (Work category 114)

This work category provides for the routine work necessary to maintain the functional, structural integrity and appearance of the following:

- road bridges
- retaining structures

- guardrails
- stock access structures
- cattle stops
- footpaths on road structures

This is an **enhanced** programme. A more rigorous inspection regime and the development of a Structures Activity Plan has revealed a back log of previously unidentified faults.

2.5 Environmental maintenance (Work category 121)

This work category provides for the routine care and attention of the road corridor to maintenance safety, aesthetic and environmental standards.

This a **core** programme. With climate change there is an increase in the amount of rocks and minor slips that have to be removed following severe weather events. Estimate based on Lump Sum vegetation control, debris pick up and, a high number of trees are roadside hazards need to be removed to mitigate the **'High Personal Risk'** on the rural network.

The programme also provides for improved Temporary Traffic Management for winter road closures on the Taihape Napier Road to maintain an acceptable level of public safety.

2.6 Traffic services maintenance (Work category 122)

This work category provides for the routine care and attention of: road furniture, markings, and carriageway and pedestrian crossing lighting.

This is the **core** programme and is less than the average costs for the preceding six years. The reduction in costs result from the accelerated renewal programme of LED carriageway lighting on residential streets.

2.7 Footpath maintenance (Work category 125)

This is a new work category and provides for the operation, maintenance and renewal of public footpaths and facilities associated with public footpath such as pedestrian network connections, including stairs alleyways and off-road connections.

Exclusions are:

- footpaths and facilities used for recreational purposes.
- footpaths and facilities that are not in public ownership or to which the public does not have full access at all times of the day.
- maintenance of shared pedestrian cycling paths and facilities – these are funded under Work category 124: Cycle path maintenance
- construction/implementation of new or improved shared pedestrian and cycle paths and walking– these are funded under Work category 452: Cycle facilities.

This a **core** programme.

Project	2018/19
Maintenance	110,500
Broadway in-conjunction with kerb and channel , and watermain replacement	130,900
Hair Street in-conjunction with kerb and channel , and watermain replacement	175,000
Total	\$348,800

Project	2019/20
Maintenance	110,000
Skerman St; in-conjunction with rehab, and kerb and channel	22,400
Robin St;	75,000
Takahe St	60,000
Russell St (near the School)	45,000
Swan St	36,000
Total	\$239,000

Project	2020/21
Maintenance	110,000
Morris St In-conjunction with rehab and kerb and channel	128,000
Tutaenui Road minor renewals	7,000
Minor renewal lengths	55,000
Length 710m	\$480,800

2.8 Rail level crossing warning devices maintenance (Work category 131)

This work category provides for Council to share in the costs associated with the maintenance and renewal of rail level crossing warning devices carried out by the relevant rail track authority.

This is the **core** programme.

2.9 Minor Events (Work category 140)

This work category enables funding from the National Land Transport Fund (NLTF) for the response to minor, short duration, natural events that reduce service levels on part of the transport network.

This a **core** programme, with climate change there is an increase in the amount of rocks and minor slips that have to be removed following severe weather events.

2.9 Network and asset management (Work category 151)

This work category provides for the general management and control of the road network and management of road assets.

This is a **core** programme which provides a greater emphasis on high speed data capture, traffic counts, RAMM data collection, and bridge inspection/asset management.

2.10 Cost estimates

The proposed programme is based on the average actual quantities over the five year period from 2012/13-2016/17 with the exception of:

- Sealed Pavement Maintenance (WC 111),
- Unsealed Pavement Maintenance (WC 112)
- Network and Asset Management (WC 151).

The tendered rates in the current maintenance contract (RDC Road maintenance Contract 980) were applied to the average quantities to estimate the costs.

Increase in traffic as a result of forestry logging will increase the cost of maintenance on specific routes.

A study of the potential routes and effect on traffic has been undertaken. The results are contained in the file: [*Sharepoint 1-AM-6-3-Planning Year 2018-19/Roading Activity Management Plan Forestry Anticipated Harvest Period_Network_AWG.*](#)

Also a study of the change in maintenance costs for a typical unsealed road was undertaken using Kumuiti Rd. The features and traffic use prior to logging are typical of an unsealed road and over the last 2 years been subject to logging traffic. The results are contained in the file: [*Sharepoint 1-AM-6-3-Planning Year 2018-19/Roading Activity Management Plan 2018-21 Kumuiti Road Costs.xlsx.*](#)

Budget adjustments have been made to the following Work Categories:

The maintenance costs for the 2018-21 Council long Term Plan and the National Land Transport Plan are tabulated below.

Summary Maintenance (Activity Class) Budgets				
WC	Work Category Name	2018/19	2019/20	2020/21
111	Sealed Pavement Maintenance	1,195,000	1,195,000	1,200,000
112	Unsealed Pavement Maintenance	354,100	379,000	404,000
113	Routine Drainage Maintenance	990,000	990,000	990,000
114	Structures Maintenance	162,400	162,500	162,500
121	Environmental Maintenance	900,000	900,000	900,000
122	Traffic Services Maintenance	400,000	400,000	400,000
124	Cycle Path Maintenance	1,000	1,000	1,000
125	Footpath Maintenance	348,800	349,500	351,300
131	Level Crossing Warning Devices	15,000	15,000	15,000
140	Minor Events	370,000	370,000	370,000
151	Network & Asset Management	1,148,000	1,148,093	1,148,093
	Maintenance - Totals	5,884,300	5,910,093	5,941,893

3. Renewals (Activity Class)

3.1 Unsealed road metalling (Work category 211)

This work category provides for the planned periodic renewal of pavement layers, including top surface metal, on unsealed roads.

This an **enhanced** programme to address pavement damage caused by logging trucks.

3.2 Sealed road resurfacing (Work category 212)

This work category provides for the planned periodic resurfacing of sealed roads.

A comparison with other neighbouring Local Authority Networks indicated that the achieved life of sealed surfaces in the Rangitikei District was on average 3 years less than that of the chosen peer group. A realignment of the forward works programme was undertaken to address this. The individual candidate sites are detailed in a separate report.

The proposed programme is outlined in the tables below.

This is the **core** programme and is reduction on 2015-18. A comparison with other neighbouring Local Authority Networks indicated that the achieved life of sealed surfaces in the Rangitikei District was on average 3 years less than that of the chosen peer group. A realignment of the forward works programme was undertaken to address this.

2018-19 Sealed Roads Resurfacing			
Treatment Type	Length (m)	Area (sq.m)	Cost (\$)
2nd Coats	5,737	35,728	150,130
Reseals	40,425	251,790	1,066,310
AC	655	7,854	392,700
Roadmarking & Internal			21,560
Totals	46,816	295,372	1,630,700
% of Sealed Network Length	5.9%		

2019-20 Sealed Roads Resurfacing			
Treatment Type	Length (m)	Area (sq.m)	Cost (\$)
2nd Coats	2,926	18,172	76,307
Reseals	42,119	262,570	1,116,133
AC	385	4,620	231,000
Roadmarking & Internal			21,560
Totals	45,430	285,362	1,445,000
% of Sealed Network Length	5.7%		

2020-21 Sealed Roads Resurfacing			
Treatment Type	Length (m)	Area (sq.m)	Cost (\$)
2nd Coats	3,927	24,486	102,472
Reseals	40,810	254,870	1,074,168
AC	308	3,696	184,800
Roadmarking & Internal			21,560
Totals	45,045	283,052	1,383,000
% of Sealed Network Length	5.6%		

3.3 Drainage renewals (Work category 213)

This work category provides for the renewal of drainage facilities that is not routine in nature, but that will reduce future maintenance costs.

This an **enhanced** programme to address a backlog of deferred maintenance. The goal is to make the network more **resilient** to severe weather events.

The individual candidate sites are detailed in a separate report.

3.4 Sealed road pavement rehabilitation (Work category 214)

This work category provides for the replacement of, or restoration of strength to, sealed pavements where other forms of maintenance and renewal are no longer economic.

This is a **reduced** programme. Rather than strengthening forestry harvest routes, damage caused by logging traffic will be repaired under the Sealed pavement maintenance WC. Rehabilitation will be deferred as long as possible.

Project	2018/19
Mangahoe Road (1170m)	406,800
Parewanui (210m)	126,000
Spooners Hill Road (500m)	175,000
Taihape Napier Road 2 (1840m)	644,000
Length 4,950m	\$1,351,800

Project	2019/20
Bryces Line (660m) —deferred for part Pukepapa Road (original length 1520m) \$231k	
Taihape Napier Rd 2 (250) deferred for part Pukepapa Road (original length 1520m) \$87k	
Pukepapa Road part moved to 2019/20 due to accelerated deterioration. 231k + 87k = 318k	318,000
Turakina Valley 1 (1880m)	506,000
Skerman Street (urban) (160m) In-conjunction with K&C and footpath	256,000
Length 2,950m	\$1,080,000

Project	2020/21
Morris St (urban) (460m) In-conjunction with K&C and footpath	644,000
Tutaenui Road (250m) Carriageway only, up to 1m from kerbs, includes Armagh Tce corner roundings.	336,000
Length 710m	\$980,000

Reserve Project	2018/21
Pukepapa Road (1520m) part moved to 2019/20 due to accelerated deterioration.	214,000
Bryces Line (660m)	231,000
Taihape Napier Rd-2 (250)	87,000
Length 1,520m	\$532,000

3.6 Structures component replacements (Work category 215)

This work category provides for the renewal of components of:

- road bridges
- retaining structures
- guardrails
- tunnels
- stock access structures
- cattle stops
- footpaths on road structures, and
- pedestrian over-bridges /underpasses

This is the **core** programme.

Structures Component Replacements (Work Category 215)					
Name of Location	Bridge Number	Description	2018/19	2019/20	2020/21
Te Moehau Road (RP8230-8270)	Moawhango 28 (C-H truss)	Capacity assessment (forestry & HPMV)	\$10,000		
Toe Toe Road (RP570-650)	Toe Toe 12 (C-H truss)	Capacity assessment (forestry & HPMV)	\$10,000		
Ongo Road	Blundells 38 (C-H truss)	Capacity assessment (forestry & HPMV)		\$10,000	
Brandon Hall Road (RP500-538)	Brandon Hall 1 (C-H truss)	Capacity assessment (forestry & HPMV)			\$10,000
Turakina Valley Road 3 (RP2061-2085)	Otiwhiti 102	Replace existing handrail with compliant safety barrier	\$32,500		
Taihape-Napier Road 1	Whittles 29	Install concrete lining to invert.	\$30,000		
Taihape-Napier Road 1	Woolshed 108	Install concrete lining to invert.	\$30,000		
Taihape-Napier Road 2	109 Kakakino	Install concrete lining to invert.	\$40,000		
Abattoir Road (RP620-647)	Jacobsens 115	Repair cracked bearing plinth on central pier	\$16,000		
Whaka Road	Mickelson 52	Replace TL d/s gabion wing wall	\$12,000		
Turakina Valley Road 3 (RP2990-3000)	Hautawa nr 44	Replace existing handrail with compliant safety barrier		\$32,500	
Taihape-Napier Road 1	Springvale 75	Install compliant ends to approach safety barriers.			\$78,000
Gorge Road	Knights 14	Install compliant ends to approach safety barriers.			\$78,500
Turakina Valley Road 3 (RP5998-6040)	Concrete Ford 45	Install safety barrier to approaches			\$32,500

Agnews Road	Agnews 90	Spot treatment of corrosion	\$38,000		
Mangatipona Road	Churnsides 38	Spot treatment of corrosion	\$36,000		
Christophers Road	Public Trust (Suspension) 41	Repair corrosion, renew Goldseal, repaint cable frames.	\$30,000		
Omatane South Road	Totmans 20	Spot treatment of corrosion	\$33,000		
Wairepu West Road	Weekes 48	Underpin TR DS walls	\$12,500		
Mokai Road	Makino No 2 135	Underpin TL abutment + wingwalls	\$11,500		
Gorge Road	Omatane 22	Clean and spot repair areas of truss galv		\$55,000	
Torere Road	Taoroa 23	Clean + spot repair corroded areas of steel elements -approx 10%.		\$30,000	
Silverhope Bush Road	Unnamed 319	Repaint steelwork		\$22,000	
Silverhope Road	Silverhope 6	Spot treatment of corrosion		\$16,500	
Te Kapua Road	Greens 60	Renew expansion joint seals			\$12,000
Total			\$341,500	\$166,000	\$211,000

3.7 Traffic services renewals (Work category 222)

This work category provides for the renewal of existing:

- road furniture, lighting, poles, posts, signs, lights, etc. , lighting, signs and markings, and
- traffic management equipment and facilities.

Signs renewal is a **core** programme and is on a par with the average costs for the preceding six years. The goal is to reduce the number and severity of crashes on Council's roads by installing, upgrading or amending signage throughout the network.

The Street lighting component is an **enhanced** programme to complete the replacement of streetlights with energy efficient LED lights on the busier streets.

222 - Traffic Services Renewals	2018/19	2019/20	2020/21
Signs renewals	40,000	760	900
Roadmarking	150,000	150,000	150,000
Totals	190,000	150,760	150,900

Summary of Renewals (Activity Class) Budgets				
WC	Work Category Name	2018/19	2019/20	2020/21
211	Unsealed Roads Metalling	410,000	435,000	460,000
212	Sealed Roads Resurfacing	1,630,700	1,445,000	1,383,000
213	Drainage Renewals	600,000	600,000	600,000
214	Sealed Road Pavement Rehabilitation	1,351,800	1,080,000	980,000
215	Structures Component Replacements	341,500	166,000	211,000
222	Traffic Services Renewal	190,000	150,760	150,900
	Renewals - Totals	4,524,000	3,876,760	3,784,900

4 Road Improvements (Activity Class)

An increase in budget for this activity class is being sort to address the increase in heavy traffic from logging on key routes and the high personal risk roads users are exposed to as identified in the ONRC report under Safety Outcome-3 Personal Risk.

4.1 Replacement of bridges and structures (Work category 322)

This work category provides for the upgrade or replacement of existing bridges and other road structures, where this is the main purpose of the work.

The individual candidate sites are detailed in a separate report.

The Mangaweka Bridge on Ruahine Road at Mangaweka is at the end of its useful life. There is currently a significant weight restriction imposing a maximum weight limit of 6 tonnes. Various options have been considered for the future of the existing Mangaweka Bridge on Ruahine Road at Mangaweka including refurbishment, heavy maintenance or complete replacement.

A complete replacement is the preferred option.

Bridge Replacements (Work Category 322)				
Location	Description	2018/19	2019/20	2020/21
Mangaweka Bridge replacement (No. 69) - construction	Replace the bridge with a new bridge.	\$810,000	\$4,051,000	
Te Kapua Bridge replacement (No.150) - design/constr	Replace the bridge with a new bridge.	\$155,000		
Kakariki Bridge strengthening (No.64) - design	Undertake the design for strengthening the half joints to allow the bridge to be rated to carry HPMV.	\$40,000		
Moawhango Bridge strengthening (No. 28) - design	Undertake an assessment and design for strengthening the Callendar Hamilton trusses.	\$30,000		
Kakariki Bridge strengthening (No.64) - construction	Strengthen the half joints to allow the bridge to be rated to carry HPMV.		\$210,000	
Moawhango Bridge strengthening (No. 28) - construction	Strengthen the Callendar Hamilton trusses.		\$210,000	
Toe Toe Bridge strengthening (No. 12) - design	Undertake an assessment and design for strengthening the Callendar Hamilton trusses.		\$30,000	
Toe Toe Bridge strengthening (No. 12) - construction	Strengthening the Callendar Hamilton trusses.			\$210,000
Blundell's Bridge (No.38) - design	Undertake an assessment and design for strengthening the Callendar Hamilton trusses.			\$40,000
Otara Road 67 (S173C) Bdy	Strengthening	\$387,300	\$0	\$0
Total		\$1,422,300	\$4,501,000	\$250,000

4.2 Road improvements (Work category 324)

This work category provides for improvements to or upgrading of existing roads within the existing or widened road reserve, and deviations onto a new road reserve, where the original road is closed, including any associated new road structures.

This is an **enhanced** programme to reduce the high personal accident risk and address the increased accident risk due to increased HCV traffic associated with forestry harvesting activity. It is linked with the pavement rehabilitation and reseals programme.

Road Improvements (Work Category 324)				
Location	Description	2018/19	2019/20	2020/21
See AWT programme	Improvements in conjunction with the rural AWT programme	350,000		
Makirikiri Road RP2993-4634	Seal Widening	24,600		
Mangatipona/Kauangaroa/Okirae Road Intersection	Seal Widening	100,000		
Ruanui Road RP900-1200	Seal Widening	75,000		
Various	Improvements in conjunction with the rural AWT programme		350,000	
Tennants Road RP29-1219	Seal Widening		35,700	
Kie Kie Road RP10-3450	Seal Widening		137,600	
Murimotu Road RP4450-5930	Seal Widening		48,800	
See AWT programme	Improvements in conjunction with the rural AWT programme			350,000
Pukepapa Road RP2360-3193	Seal Widening			29,400
Kakariki Road RP1840-2954	Seal Widening			59,200
Murimotu Road RP4450-5930	Seal Widening			44,400
Toe Toe Road RP2390-3680	Seal widening and geometric improvements			64,500
Taihapa Naiper Road RP32000-34000	Seal widening and geometric improvements			100,000
Accelerated renewal programme of LED carriageway lighting	LED carriageway lighting	30,000	117,000	117,000
Total		579,600	689,100	764,500

4.3 Minor Improvements (Work category 341)

This work category provides for the construction/implementation of low-cost/low-risk improvements to the transport system to a maximum total cost for approval per project of \$300,000. This programme will be reviewed if the limit per project is increased to \$1.0 million. Candidate projects will be advanced if they are affordable and economically justified.

The Collective Risk on the Rangitikei District is below the Median of the peer group in all Road Categories and is classified as Low to Medium. However, the Personal Risk is above the Median of the peer group in all Road Categories and is classified as High.

The **core** programme is on a par with safety programmes for previous years, replacing pipe rails on bridges with compliant safety rails, and safety rails at out of context curves.

The detailed programme is shown in the table below:

Minor Improvements (Work Category 341)				
Location	Description	2018/19	2019/20	2020/21
Various	Guardrail to replace timber sightrails on bridge approaches	107,500		
Various	Additional LED's to achieve compliant lighting	50,000		
Hautapu Street / Tui Street pedestrian crossings	Taihape Pedestrian Crossing Upgrade - Tui St (2)	40,000		
Toe Toe Road; TV-3 Br102 Otiwhiti RP2070; Br44 Hautawa RP 3000, and old wire rope barrier as part of AWT	Guardrail to replace timber sightrails on bridge approaches		147,500	
Various	Additional LED's to achieve compliant lighting		50,000	
Various	Guardrail to replace timber sightrails on bridge approaches			152,500
Various	Additional LED's to achieve compliant lighting			50,000
Total		197,500	197,500	202,500

4.4 Resilience improvements (Work category 357)

This work category provides for non-routine work required to protect the serviceability of the following from damage, and to minimise the threat of road closure arising from natural phenomena.

This is an **enhanced** programme that sets out to improve the reliability of the network during natural phenomena events.

The programme set out in the table below targets the highest priority roads and sites that are constantly under threat.

Resilience Improvements (Work Category 357)				
Location	Description	2018/19	2019/20	2020/21
Okirae Road Bluffs	Okirae Road Bluff stabilisation	30,000		
Various	Stream channel protection at bridges	141,100		
Okirae Road Bluffs	Okirae Road Bluff stabilisation		30,000	
Various	Stream channel protection at bridges		106,200	
Okirae Road Bluffs	Okirae Road Bluff stabilisation			30,000
Various	Stream channel protection at bridges			72,300
Total		171,100	136,200	102,300

Summary of Road Improvements (Activity Class) Budgets				
WC	Work Category Name	2018/19	2019/20	2020/21
322	Replacement of bridges and structures	1,422,300	4,501,000	250,000
324	Road Improvements	579,600	689,100	764,500
325	Seal extension	0	0	0
341	Minor Improvements	197,500	197,500	202,500
357	Resilience Improvements	171,100	136,200	102,300
451	Walking Facilities	120,000	0	0
	Road Improvements - Totals	2,490,500	5,523,800	1,319,300

5 Walking and Cycling (Activity Class)

5.1 Walking Facilities (Work category 451)

This work category provides for the construction/implementation of new or improved walking facilities.

This includes new or improved footpaths including on an existing bridge, pedestrian crossing features, crossing controls, signage, altering kerbs, shelters for public transport stops, pedestrian overbridges and underpasses, crossing railway lines.

This is an **enhanced** programme is to develop a safe footpath network. The objective is to provide a safe footpath environment and encourage walking.

Walking and Cycling (Activity Class) Budgets				
WC	Work Category Name	2018/19	2019/20	2020/21
451	Walking facilities	120,000	0	0
	Parewanui Road safety footpath (Ferry to Brandon Hall Road)	(45,000)		
	Ongo Road	(TBC)		
	Hammond St (Bulls)	(TBC)		
	Walking - Totals	120,000	0	0

5.2 Cycling facilities (Work category 452)

This work category provides for the construction/implementation of new or improved cycle facilities, and shared pedestrian and cycle paths.

The construction of on road interventions required to improve the safety and amenity value of cycling, for example a wider carriageway, vehicle parking configurations, pinch points or kerb structure is eligible for funding assistance.

This is an **enhanced** programme is to provide cycle lane markings radiating from schools in Hereford St and Bredins Line. Roads to be marked include; Wellington Rd High St to the Rail underpass, Broadway from Follett St to Bond St, and High St. The objective is to provide a safe lane to encourage cycling.

WC	Work Category Name	2018/19	2019/20	2020/21
452	Cycling facilities	1,500	2,500	2,500
	Walking and Cycling - Totals	1,500	2,500	2,500

6 Public Transport (Activity Class)

6.1 Public transport facilities Operations and Maintenance (Work category 514)

An allowance of \$5,500 per annum has been made for the maintenance upkeep of bus shelters.

Public Transport (Activity Class) Budgets				
WC	Work Category Name	2018/19	2019/20	2020/21
514	Public transport facilities O & M	5,500	5,500	5,500
	Public Transport - Totals	5,500	5,500	5,500

7.0 Nonsubsidised Roding Activities

The following activities are not eligible for funding assistance from the Transport Agency.

7.1 Maintenance and Operations

7.1.1 Sealed pavement maintenance

Nonsubsidised activities include;

- Aesthetic treatments (such as flower gardens) on berms, shoulders, medians and traffic islands.
- Maintenance of the area between the kerb and the road reserve in urban areas.
- Control of noxious plants declared in terms of the Biosecurity Act 1993 within the road reserve
- The construction, maintenance or renewal of off-street parking areas is not eligible for funding assistance.

7.1.2 Street cleaning (local share)

The Transport Agency's policy is that funding assistance will be provided for 30 percent of the total cost of cleaning channels, sumps and cesspits in urban areas , as an approximation of the benefit to the road and its users.

The remaining 70 percent balance will remain Council's amenity cost with no funding assistance.

7.1.3 Traffic Services

Nonsubsidised activities include costs related to amenity lighting, which includes the lighting of:

- buildings
- property and reserves
- under-veranda lighting
- festive lighting
- any other lighting not directly related to the operation of a road.

7.1.4 Network and Asset Management

This is the cost related to the asset management of all nonsubsidised maintenance and operations.

7.2 Renewals

7.2.1 Roothing Renewals

Nonsubsidised activities include costs related to:

- Improvements and renewal of roadside berm features
- Kerb and Channel Renewals
- Vehicle Crossing Renewals
- Cycle Lane/Facilities Renewals

7.2.2 Footpath Renewals

Nonsubsidised activities include costs related to the renewal of pedestrian only walk paths and facilities.

7.3 Road Improvements

7.3.1 New Roads, Urban Reconstructions and New Footpaths

The construction of sub-divisional roads is not eligible for funding assistance, which includes second coat sealing.

7.3.2 Seal extension

The sealing of unsealed roads is not eligible for funding assistance, which includes second coat sealing.

Summary Maintenance (Activity Class) Budgets				
WC	Work Category Name	2018/19	2019/20	2020/21
	Street Cleaning	161,581	161,581	161,581
	Street Furniture repairs and maintenance	15,000	15,000	15,000
	Non sub footpath (cleaning Taihape retail areas)	15,375	15,375	15,375
	Under verandah lighting (power)	23,114	23,114	23,114
	Festive lighting and banners	25,000	25,000	25,000
	Carpark Maintenance	20,000	20,000	20,000
	Access Roads	0	0	0
	Noxious Weeds (Taihape Trust)	25,215	25,215	25,215
	Professional Services	65,253	65,253	65,253
	Roadside trees	75,609	75,609	75,609
	Berm Mowing	67,000	67,000	67,000
	External Contractors	5,253	5,253	5,253
	Survey Costs	21,013	21,013	21,013
	Sub-total Maintenance - Totals	515,213	515,213	515,213
	Road Improvements			
	Seal extension - unsubsidised			
	Turakina Valley Road 2 stage 1	99,000		
	Turakina Valley Road 2 stage 2		101,700	
	Turakina Valley Road 2 stage 3			112,200
	Mokai Road (RP3500 – 5200;; 1.7km)			
	Sub-total Road Improvements	99,000	101,700	112,200
	Total Non-Subsidised Roding	614,213	616,913	627,413

Attachment 4

Proposed Marton Water Supply Strategy

Introduction

The Marton Water Supply has been plagued with periodic colour, odour and taste problems for many years. While the water produced has not generally presented public health concerns, the aesthetic nature of the water has, on occasions, generated high levels of community concern. That level of concern appears to be increasing as these adverse water quality events occur. The root cause of many of these events appears to be the significant quality variations of the raw water from the B/C Dams that feed the Marton water treatment plant (WTP). The majority of these adverse events appear to have one or two common elements: the presence of elevated levels of organic material (e.g. algal blooms) and the high levels of dissolved manganese.

Over the years there have been reviews and studies commissioned to identify options for reducing/eliminating these problems. Over the last century there has been significant investment in new sources, and treatment and reticulation upgrades. Substantial benefits have been achieved from these investments – notably the consistency of achieving the required public health standards and the volume of supply. However, the ability to deliver an aesthetically high quality water on a consistent basis remains a challenge.

The recent coloured water event in January 2019 has prompted consideration for developing a comprehensive Water Supply Strategy for Marton. This proposed Water Supply Strategy will focus on identifying what is required to deliver a consistently high quality drinking water for Marton, and cover all aspects of water supply service provision. The Strategy process won't be limited to just considering aesthetic (colour, odour, taste) issues, but take a wider view to ensuring a fit-for-purpose water supply to meet current and future needs/requirements.

The purpose of the Water Supply Strategy will be to achieve the following goal:
To consistently deliver good quality, affordable, safe drinking water at volumes for today and the future.

The strategy will consider all possible solutions covering the following aspects:

- Raw water source
- Treatment
- Storage
- Delivery network

The first stage of developing the strategy will be a review of research, studies and reports of the Marton water supply problems and challenges previously commissioned by Council. It is important to avoid duplication of work that already exists and has already been paid for.

Water Supply Strategy Scope

As mentioned in the introduction above, the Strategy will look at all aspects of water supply services. The scope of the Strategy will include the following portions of work:

1. Raw Water Source

At present Marton drinking water is drawn from two impounding reservoirs on the Tutaenui Stream and supplemented by the Calico Line bore during emergency supply events. The variability of the raw water quality has been an issue for many years. The primary problems are seasonal algal blooms and high concentrations of manganese in the raw water. The summer algal blooms can cause taste and odour in the treated water, and the high concentrations of manganese can stain washing. There is also a risk of contamination of the source water through runoff from the surrounding farm catchments.

The permanent, long term raw water supply for Marton will have to mitigate or eliminate these problems. Factors to consider in the final source selection, which may be retaining the existing source, will include the lifecycle costs of accessing the water source and the complexity and lifecycle costs of treating the water delivered by the raw water source. The permanent water source will have to be able to supply sufficient water quantities to provide for the current demand, as well as a suitable amount of spare capacity to accommodate future residential and industrial developments.

2. Water Treatment

The existing water treatment plant (WTP) employs coagulation, sedimentation, followed by gravity sand filtration, UV reactors and disinfection with chlorine gas. The source water presents a number of treatment challenges such as dissolved manganese, taste and odour compounds, dissolved organic material and elevated chlorine demand.

If a new suitable raw water source has been selected as the preferred option, then the most appropriate treatment for the continuous production of good quality drinking water will be identified and assessed. The treatment process will have to guarantee no variability in the quality of the treated water under all expected conditions (excluding a major emergency event). Business recovery plans will be reviewed to ensure continuity of service in the event of any supply disruption.

The selected treatment process will comply with New Zealand Drinking Water Standards and will have to be able to comply with all current and future performance requirements. The plant will have to be able to treat the required daily volumes to achieve the required demands.

The treatment plant will make use of the most appropriate electronic controls, monitoring and alarming systems to achieve the required treatment outcomes. The plant will also make use of suitable data collection and trending systems to allow effective process analysis and problem solving.

3. Water Storage

One of the fundamental factors to be determined by the water supply strategy is the current water demand for Marton as well as the future required demand. The new reservoir will be assessed against the required future demand to determine whether additional storage capacity may be required, and if so, when.

4. Water Supply network

Previous work on the Marton water supply identified very high per capita water use (litres per person per day). The high daily water use can be the result of many things, such as inefficient water use, water leaks from an aging water supply network or water leaks on private properties.

This part of the water supply strategy will be looking at the supply network in more detail to determine how the network is performing in the following areas:

- Pipe sizes and performance assessment of the network.
- Identifying water leaks from the network and quantifying the total daily volume lost, and confirming a best practice approach water loss management.
- Pressure management
- Asset condition assessment of the water supply network.

Strategy Development process and indicative timeframes:

The work described above will be completed by Council staff, Shared Services staff and consultants where necessary. As mentioned, the first phase of the work will be a full review of existing reports and completed projects. This review will identify any additional work that will be required to inform the development of the Strategy. An outline of the Strategy development process and indicative timelines is set out in the table below:

Stage	Expected Timeframe
Problem/Opportunity Definition	February/March 2019
Review of existing information/reports and recent works and work programmes	April 2019
Identification of further information required	May 2019
Development of Draft Strategy and Action Plan	June – August 2019
Adoption/Confirmation of Strategy	September 2019
Strategy/Action Plan informs future Annual Plan/Long Term Plan projects, programmes and budgets	October 2019 onwards

Recommendations:

1. That the Assets/Infrastructure Committee receive the draft proposed Marton water strategy (February 2019)
2. That the Assets/Infrastructure Committee endorse [as amended/without amendment] the draft proposed Marton water strategy (February 2019) and the indicative development process and timelines.

Arno Benadie
Principal Advisor - Infrastructure

Ross McNeil
Chief Executive

Attachment 5



INFRASTRUCTURE GROUP REPORT

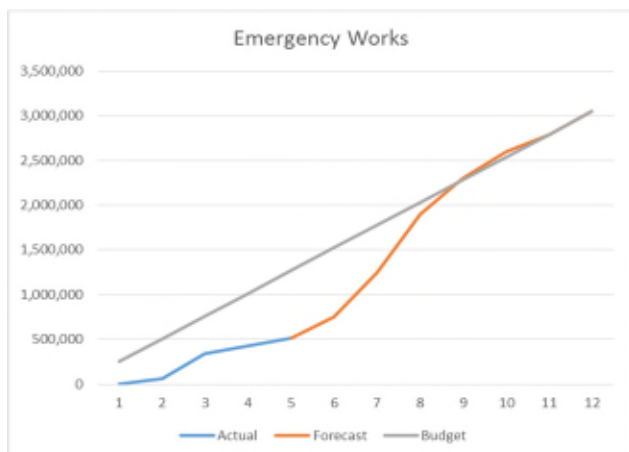
NOVEMBER 2018

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1 ROADING

1.1 EMERGENCY WORKS



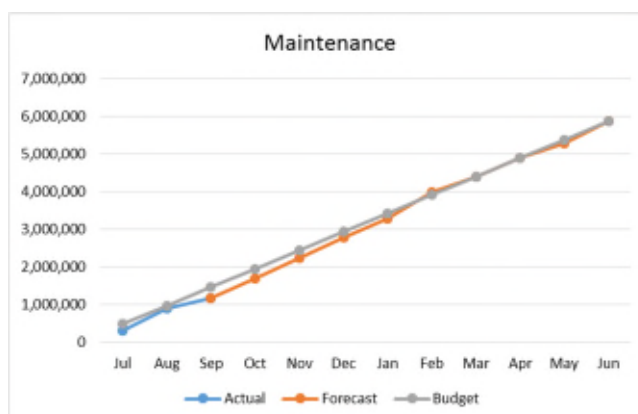
September 2018 Weather Event: between the 4 and 6 of September 2018 a number of roads in the northern areas of District were closed by slips and drop outs. The restoration was completed in November 2018.

Event	Phase	Completion Due
July-18, Turakina-3 south of Drysdale	Design and scoping report	Dec-18
Apr-18, Turakina-2 north of McLeays, dropout	Design and scoping report	Dec-18
May-18, Swan St	Design and scoping report	TBC
May-18, Rangitane Bridge	Rock rip rap	TBC

1.2 MAINTENANCE

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

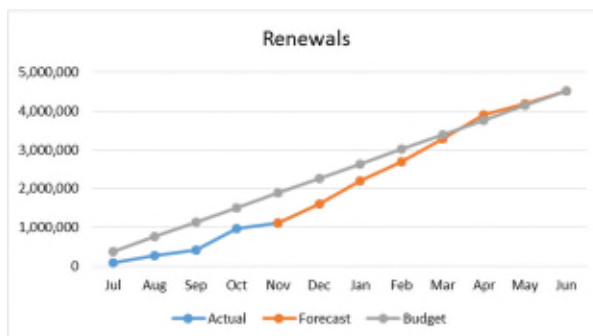
- The priority has been to complete the remaining pre reseal repairs and the continued focus on safety issues, drainage and resilience work.
- Developing drainage resilience programme
- Liaising with NZTA re their Renewal & Rehab programme.



1.3 RENEWALS

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

- Chip seal designs have been completed. Chip sealing is scheduled to start in early January.



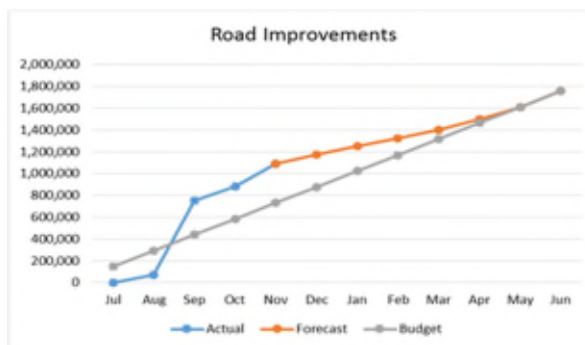
Sealed Road Resurfacing: There is approximately 51 kilometres of Sealed Road Surfacing programmed for this year.

Sealed Road Pavement Rehabilitation: This work provides for the replacement of, or restoration of strength to, sealed pavements where other forms of maintenance and renewal are no longer economic. The proposed projects for 2018-19 are;

Location	Length (m)	Start Construction	Completion Due
Mangahoe Road	1170	Jul 18	Feb 19
Parewanui Road RP 9420-9530	110	Apr 19	May 19
Spooners Hill Road	500	Feb-19	Mar-19
Taihape Napier Road 2	1840	TBC	TBC
Ratana Rd	500	Mar-19	Apr-19

1.4 ROAD IMPROVEMENTS

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



Location	Start construction	Completion Due
Pungatawa Road RP 6700 – widen blind corner with large drop-off. Deferred to align with the resealing programme.	TBC	TBC
Makirikiri Road RP2993-4634. Seal widening	TBC	TBC
Mangatipona/Kauangaroa/Okirae Road Intersection	Jan 19	Mar 19
Ruanui Road RP900-1200. Seal widening	TBC	TBC
Hautapu Street / Tui Street pedestrian crossings	Jan 19	Mar 19
Okirae Road Bluffs. Geotech assessment	TBC	TBC
Installation of LED luminaries	Dec 18	Jan 19

Bridge Replacements: This work provides for the upgrade or replacement of existing bridges and other road structures.

Location	Phase	Start	Completion Due
Otara Bridge: Strengthening	Construction	Aug 18	Nov 19
Brandon Hall	Capacity Assessment	Dec 18	Feb 19

Mangaweka Bridge

The funds to carry out the Pre-Implementation Phase have been approved by NZTA.

Rangitikei and Manawatu District Councils will now proceed with the Pre-Implementation Phase for the construction of a new 132m long steel plate girder bridge, 30m downstream of the existing bridge, on the basis that the existing bridge will be demolished. The Pre-Implementation Phase will include detailed design, property acquisition, and consenting.

Rangitikei and Manawatu District Councils will make the final decision on the future of the existing Mangaweka bridge after receiving feedback from affected parties during the Pre-Implementation Phase.

1.5 OTHER PROJECTS

Broadway Marton – Infrastructure Upgrade

Stage 2 – Signal to Lambert




This stage is progressing as programmed and due to be finished in 14th December weather permitting.

Stage 3 Follett St Roundabout


This stage is programmed for consultation in December with the retailers and construction in January-February 2019. This site is complex in nature due to the presence of the central business area and the number of underground services crossing the intersection. Threading new pipework between them will require considerable care.

The objective of this stage is to renew the old and fragile pipework through the Follett Street roundabout with new reliable materials so that the roundabout can be resurfaced in the 2019/20 programme. The life of the new surface is expected to be 20-25 years.

1.6 HEALTH AND SAFETY

RDC - ZERO HARM REPORTING



LEAD INDICATORS

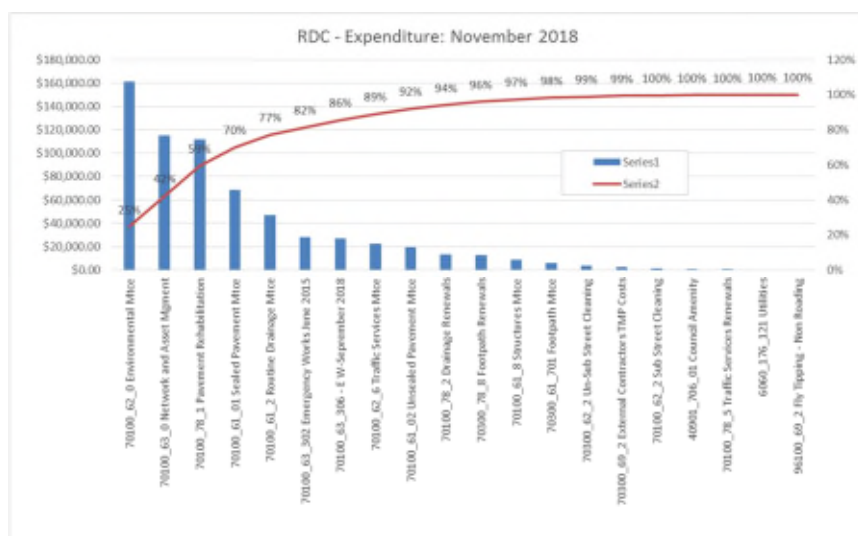
Type	Explanation	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
Drug and Alcohol Tests	LEAD: Total number of drug and alcohol tests completed in the period for pre-	2	1	1	2	3							
Positive Drug and Alcohol Tests	The total number of positive Drug and Alcohol test results in the period	0	0	0	0	0							
Site H&S Conversations	The total number of site H&S Conversations completed in the period by Contractors or site	2	3	3	3	3							
Site Health and Safety Audits	The total number of site Health and Safety Audits completed in the period by the	12	16	16	14	10							
Safety Briefing	The total number of Safety Briefings completed in the month including pre-starts,	5	4	4	4	4							
Near Miss (Close call)	The total number of Near Misses submitted in the month by the site team	0	1	1	1	0							
Traffic Management Inspection	Total number of audits completed by the designated Site Traffic Manager Supervisor	1	0	0	1	0							
Sub Contractor Review	Number of Sub Contract Reviews completed by the main Contractor in the period	0	1	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	1	0	0	1	1							

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	1							
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	1	0	0	0	0							
Property Damage	Contact with third party property resulting in damage	0	2	0	0	1							

1.7 FINANCIAL TRACKING

Maintenance		Actual	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
141 Emergency Works														
Sep-18	685,000													
Jun-18 incl Rangitane & Kawhatau	243,000													
May-18 incl Swan St & TV-2	907,000		358		186,848	270,313	299,907							
Jul-13/14-2017 (Snow)	704,963			27,982	119,122	119,122	138,256							
Jun-15	105,118			4,508	4,508	8,295	36,399							
Apr-17 (Debbie) FAR 63	335,867			26,778	26,778	26,778	36,746							
Apr-17 (Debbie) FAR 83	64,925													
Emergency Works - Totals	3,045,873	Actual	358	59,268	337,256	424,508	511,308							
		Forecast					511,308	750,000	1,250,000	1,900,000	2,300,000	2,600,000	2,792,050	3,045,873
		Budget	253,823	507,646	761,468	1,015,291	1,269,114	1,522,937	1,776,759	2,030,582	2,284,405	2,538,228	2,792,050	3,045,873
Maintenance														
111 Sealed Pavement Maintenance	1,195,000		26,017	28,207	30,154	133,842	202,689							
112 Unsealed Pavement Maintenance	354,100		20,045	40,978	59,709	79,631	99,168							
113 Routine Drainage Maintenance	990,000		109,957	235,569	308,156	378,706	427,214							
114 Structures Maintenance	162,400		5,851	12,218	18,985	27,609	36,753							
121 Environmental Maintenance	900,000		92,141	335,055	406,564	516,105	663,956							
122 Traffic Services Maintenance	400,000		18,503	36,123	52,395	76,423	101,089							
124 Cycle Path Maintenance	1,000		0	0	0	0	0							
125 Footpath Maintenance	348,800		24	362	352	20,952	39,436							
131 Level Crossing Warning Devices	15,000		0	0	0	0	0							
140 Minor Events	370,000		3,406	13,501	13,501	13,501	13,501							
151 Network & Asset Management	1,148,000		50,095	201,900	291,823	480,603	598,504							
Maintenance - Totals	5,884,300	Actual	326,039	903,913	1,181,639	1,727,372	2,182,310							
		Forecast					2,182,310	2,800,000	3,300,000	4,000,000	4,400,000	4,900,000	5,300,000	5,884,300
		Budget	490,358	980,717	1,471,075	1,961,433	2,451,792	2,942,150	3,432,506	3,922,867	4,413,225	4,903,583	5,393,942	5,884,300
Renewals														
211 Unsealed Roads Metalling	410,000		58,179	164,482	204,992	224,810	224,810							
212 Sealed Roads Resurfacing	1,630,700		0	0	0	126,988	126,988							
213 Drainage Renewals	600,000		19,161	60,232	68,111	109,601	122,831							
214 Sealed Road Pavement Rehabilitation	1,351,800		467	22,628	93,026	395,927	517,532							
215 Structures Component Replacements	341,500		0	3,475	7,135	35,587	42,514							
222 Traffic Services Renewal	190,000		3,094	12,571	36,530	68,073	76,845							
Renewals - Totals	4,524,000	Actual	80,901	263,388	409,794	960,986	1,111,520							
		Forecast					1,111,520	1,600,000	2,200,000	2,700,000	3,300,000	3,900,000	4,200,000	4,524,000
		Budget	377,000	754,000	1,131,000	1,508,000	1,885,000	2,262,000	2,639,000	3,016,000	3,393,000	3,770,000	4,147,000	4,524,000
Road Improvements														
322 Mangaweka Br Replacement - Detailed f	18,350						253,461							
324 Road Improvements							6,337							
324 Road Improvements (LED's)	102,650			72,084	91,405	91,405	179,934							
325 Taihape Napier Road Seal Extn	35,036						3,763							
341 Low Cost Low Risk Improvements	1,600,500				663,087	791,117	644,705							
357 Resilience Improvements	(incl the line above)													
Renewals - Totals	1,756,536	Actual	0	72,084	754,492	882,522	1,088,200							
		Forecast					1,088,200	1,175,000	1,250,000	1,325,000	1,400,000	1,500,000	1,610,000	1,756,536
		Budget	146,378	292,756	439,134	585,512	731,890	878,268	1,024,646	1,171,024	1,317,402	1,463,780	1,610,158	1,756,536
Walking/Cycling, Public Transport														
451 New Footpaths	120,000													
452 Cycling facilities	1,500													
514 Public transport facilities O & M	5,500													
Renewals - Totals	127,000	Actual	0	0	0	40,000	50,000	70,000	70,000	80,000	95,000	110,000	120,000	127,000
		Budget	10,583	21,167	31,750	42,333	52,917	63,500	74,083	84,667	95,250	105,833	116,417	127,000



2 UTILITIES BUDGETS

3 Waters - RDC LTP Budget 18/19 FY	Budget book LTP Budget	INF Projects	GL	Budget Allocations	Total Budget	Current expense	Total Expense	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Key
Sewerage Renewals																				Design & Investigation
Wastewater Reticulation - New Works		75,000	75,000																	Tendering
Wastewater Reticulation - O&M (WWTP minor upgrades)		40,000	40,000																	Construction
Wastewater Reticulation - Renewals:	500,000	500,000																		Capitalisation
Bulls High Street LTP																				
Sewer relining - district			500,000	6070188305	500,000	5,100														
Wastewater Treatment - Renewals LTPid54:	3,919,000	5,219,000		6070188306	3,919,000	0														
Wastewater Treatment - Renewals LTPid89:	1,300,000			6070188307	1,300,000	0														
Project A - Consents other			219,000																	
Project B - Taihape consenting and upgrade			800,000																	
Project C - Mangaweka consenting and upgrade			50,000																	
Project D - Huntville consenting and upgrade			100,000																	
Project E - Ratana land purchase LTP			600,000																	
Project F - Ratana land disposal consent			200,000																	
Project G - Ratana irrigation			500,000																	
Project H - Ratana treatment renewals and consent LTP			300,000																	
Project I - Infiltration reduction through relining programme LTP			650,000																	
Project J - Marton WWTP replacements to match diversion			700,000																	
Project K - Land purchase for Marton (Bulls) LTP			700,000																	
Project L - Papakai pump station - Taihape LTP			400,000																	
Project M - Pipeline Marton to Bulls LTP	1,565,890	1,565,890	1,565,890	6070188308	1,565,890	0														
Total Sewerage Renewals	7,284,890	7,399,890	7,399,890																	
Sewerage New Works																				
Minor works at WWTPs	50,000	50,000	50,000	6070177105	50,000	6,620														
Total Sewerage NW	50,000	50,000	50,000	WW	7,334,890	11,720														
Stormwater Drainage Renewals																				
Stormwater Reticulation - Renewals:	507,977	507,977	4,977	6050176163	507,977	20,900														
Marton – Wellington Road drain LTP			245,000																	
Marton – Harris/Pukepapa drain LTP			258,000																	
Total Stormwater Renewals	507,977	507,977	507,977																	
Stormwater Drainage New Works																				
Stormwater Reticulation - New Works:	750,000	750,000		6050177363	750,000	0														
Scotts Ferry LTP			500,000																	
Huntville drainage - Ongo Road			10,000																	
Marton – Russell St catchment LTP			95,000																	
Marton – Wilson Place LTP			75,000																	
Taihape – Paradise Walkway LTP - (includes water)			120,000																	
Total Stormwater NW	750,000	750,000	800,000	SW	1,257,977	20,900														

3 Waters - RDC LTP Budget 18/19 FY				Budget	Total	Current	Total													Key	
	Budget book LTP Budget	INF Projects	GL	Allocations	Budget	expense	Expense	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19		
Water Supply Renewals																					
District:																					
District - Water Treatment O&M (includes Marton Dam) LTP	90,000	90,000	90,000	6060176312	90,000		0														Design & Investigation
Erewhon Rural - Water Reticulation Renewals LTP		120,000	120,000																		Tendering
Erewhon Rural - Water Treatment Renewals LTP																					Construction
Hunterville Rural - Water Reticulation Renewals		25,000	25,000																		Capitalisation
Hunterville Rural - Water Treatment Renewals	25,000	20,000	20,000	6060776301	25,000	17,612															
Hunterville Urban - Water Reticulation Renewals																					
Hunterville Urban - Water Treatment O&M		15,000	15,000																		
Hunterville Urban - Water Treatment Renewals		10,000	10,000																		
Omatane Rural - Water Reticulation Renewals		6,000	6,000																		
On-going selected renewals (district)	50,000	50,000	50,000	6060176311	50,000		0														
WTP critical asset component replacements	135,000	135,000	135,000	6060176313	135,000	47,422															
Water Reticulation Renewals – District-wide:	550,000	550,000		6060176314	550,000		0														
Bulls State Highway 1 – renewal of mains LTP			250,000																		
Hunterville Water Supply upgrade LTP																					
Bulls water strategy			1,375,682																		
Taihape Reticulation:	1,550,000			6060176121	1,550,000	158,091															
Taihape (Hautapu River) – resource consent renewal LTP																					
Mataroa Road		350,000	510,000																		
Taihape PRV replacement			330,000																		
Taihape falling main replacement LTP		1,200,000	950,000																		
Taihape falling main replacement (Stages 4 & 5)			23,000																		
Taihape falling main replacement (Stages 6, 7 & 8)			10,000																		
Taihape reservoir			75,000																		
Taihape Renewals - see list below:																					
Taihape Takahe Street LTP			0																		
Taihape watermain renewals - Package 1																					
Taihape Kokako Street LTP			190,000																		
Taihape Wren Street LTP			116,000																		
Taihape Lark/Swan Street LTP (Pukeko/Swan)			170,000																		
Taihape - Moa St			0																		
Taihape - Kawau St			0																		
Mangaweka Rising Main LTP			130,000																		
Taihape (Hautapu River) – resource consent renewal																					
Marton Reticulation:	1,690,866	250,000	375,000	6060176103	1,690,866	29,971															
Marton – pipe replacement programme (ongoing) LTP																					
Wellington Road 200m LTP		1,440,866	100,000																		
WTP and Dam renewals																					
Clarifiers strengthening/replacement			600,000																		
Calico Line treatment to potable standard			150,000																		
Filter upgrade continuation			300,000																		
Marton WTP dewatering			75,000	6060176316	1,375,682	0															
Tuatenui Trunk main replacement - design LTP	1,375,682	1,375,682																			
Marton pipeline renewals for discoloured water																					
Total Water Supply Renewals	5,466,548	5,637,548	6,200,682																		
Water Supply New Works																					
New connections, metering and backflow:																					
District Reticulation:	87,500			6060176202	87,500	0															
Reticulation network improvement and rider mains		43,750	43,750																		
Minor works at Urban WTPs		43,750	43,750																		
Water treatment improvements	45,000	45,000	45,000	6060176315	45,000	0															
Hunterville Urban - Water Treatment New Bore	908,511	908,511	908,511	6060777301	908,511	75															
Total Water Supply NW	1,041,011	1,041,011	1,041,011	WS		6,507,559	253,171														
Grand Total	15,100,426	15,386,426	15,999,560		Grand Total		285,791														

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 is the consent holder have been shown.

Table 1: Consent Compliance – Water Supply

Scheme	Compliance September 2018	Comments	Actions
Marton	Water abstraction consents. Compliant	-	-
	WTP discharge consent.	Volume of treated water waste by-product (alum sludge) discharged exceeded consented limit.	Consent obtained on 8 November 2018 so will be compliant with volume limit moving forward.
Taihape	Compliant	-	Upgrades commissioned 2018
Bulls	Compliant	-	-
Mangaweka	Compliant		
Ratana	Compliant	New source being used from 23 October 2018. New supply coped during the Ratana 100 years celebration	
Erewhon Rural	Compliant	-	-
Hunternville Rural	Compliant	-	-
Omatane Rural	Compliant	-	-

3.1 WATER SUPPLY – DRINKING WATER STANDARDS COMPLIANCE

Table 2 shows the compliance of each water supply scheme against the Drinking-Water Standards for New Zealand 2005 (Revised 2008). Only those schemes for which Rangitikei District Council is assessed have been shown.

Health related potable water limits are being achieved at all of the treatment plants.

Table 2: DWSNZ Compliance

Scheme	Compliance September 2018 – Bacteria	Compliance September 2018 – Protozoa
Marton		
	Bacteria /E-coli Compliant : Not Detected	Protozoa/ UVT Achieved <95% validation Compliant: Yes – 100%
	Bacteriological and protozoa compliant	
Taihape		
	Bacteria /E-coli Compliant : Not Detected	Protozoa/ UVT Achieved <95% validation Compliant: Yes
	Bacteriological and protozoa compliant	
Bulls		
	Bacteria /E-coli Compliant : Not Detected	Protozoa/ UVT Achieved <95% validation Compliant: 99.92%
	Bacteriological and protozoal compliant.	
Mangaweka		
	Bacteria /E-coli Compliant : Not Detected	Protozoa/ UVT Achieved <95% validation Non-Compliant: 7 days – due to turbidity
	Bacteriological compliant.	
Ratana (New bore)	Bacteria/E-coli Compliant : Not Detected	Protozoa Compliant
	New plant started to supply Ratana on 23 October 2018.	
Hunternville Urban	Bacteria /E-coli Compliant : Not Detected	Protozoa Not Achieved UVT Compliant – 99.72%
	Differential Pressure issues with cartridge filter.	

3.2 SECTION 69Z OF THE HEALTH ACT 1956

Pursuant to s69Z the Health Act 1956 Water Safety Plans must be in place for all plants. As a result of the Havelock North review additional critical control points need to be added to the Water Safety Plans.

Critical control points have been identified for the six water supplies identified below. The guidelines for Water Safety Plans are getting updated in November 2018. Subsequently work on preparing new safety plans are on hold until.

Table 3 shows the status of the Water Safety Plan, at the end of August 2018, for each plant; the status of the Annual Review for each plant; the expiry date of each Water Safety Plan; the plan going forward to ensure compliance; and the progress made in the reporting period.

Table 3: Health Act Compliance – Status of Water Safety Plans

Plant	Water Safety Plan Status	Annual Review Status	Expiry Date	Plan Going Forward	Progress
Bulls	Approved June 2016	Review underway	June 2021	Schedule Plan development in December 2018	Critical control points Identified
Huntermville Urban	Approved June 2017	Review under way	May 2022	Schedule Plan development in December 2018	Critical control points Identified
Mangaweka	Approved June 2017	Review underway	May 2022	Schedule Plan development in December 2018	Critical control points identified
Marton	Approved December 2015	Up to date. Due next in December 2020	December 2020	No immediate action required	N/A
Ratana	No Water Safety Plan in place at present*			Schedule Plan development in December 2018	Commissioned
Taihape	Approved October 2015	Up to date. Due next in October 2020	October 2020	No immediate action required	N/A

- * Permanent population below 500 so not compulsory.

3.3 WASTEWATER

Compliance against consents, is shown per wastewater treatment plant (WWTP) in the Table 4 below.

Ongoing consultation with Horizons continues to occur. Horizons has a level of comfort with the three non compliances identified below for the following reasons:

- The non compliances are limited to discharge volume ;
- Applications to increase the discharge volumes are currently being worked on for these three sites;
- Compliance with in river limits are being achieved.

Table 4: Consent Compliance – Wastewater Treatment Plants

Scheme	Compliance November 2018	Comments	Actions
Marton	Compliant		Project team working on application for Bulls/Marton centralisation due to be submitted in May 2019
Taihape	Non-Compliant	Non-compliant with discharge volume condition	Regular consultation with Horizons continues to occur.
Bulls	Non-Compliant	Non-compliant with discharge volume for 11 days	Project team working on application for Bulls/Marton centralisation due to be submitted in May 2019
Mangaweka	Non -Compliant	Over Ecoli Limit for the month Some high discharge volumes	Check process and discharge meter
Hunternville	Non-Compliant*	Over aluminium limit	Regular consultation with Horizons continues to occur. Check of pipe work at plant.
Ratana	Non-Compliant	Non-compliant with discharge volume condition	Consultation associated with consent application commenced.
Koitiata	Compliant		

* Hunternville WWTP flowmeter reading incorrectly. Based on historical data exceedances with discharge volumes are likely to have occurred.

New Zealand Defence Force have requested Rangitikei District Council to consider taking their wastewater from Ohakea Air Base to the Bulls Wastewater Treatment Plant. Further consultation is required to finalise details associated with a proposed trade waste agreement.

4 SOLID WASTE

4.1 Solid Waste Inspections

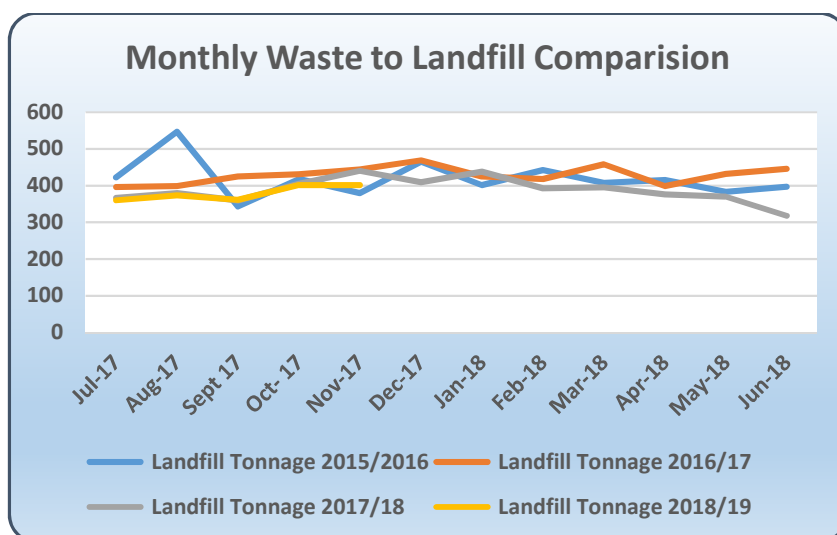
Marton Transfer Station

An inspection was carried out in December on Marton Waste Transfer Station (MWTS). The site was in a good condition. Lawns and trees require maintenance by contractor. An engineered step and platform is required for the waste oil access area. Greenwaste disposal education is required for compliant uncontaminated greenwaste.

4.2 Waste Transfer Station Monthly Trends

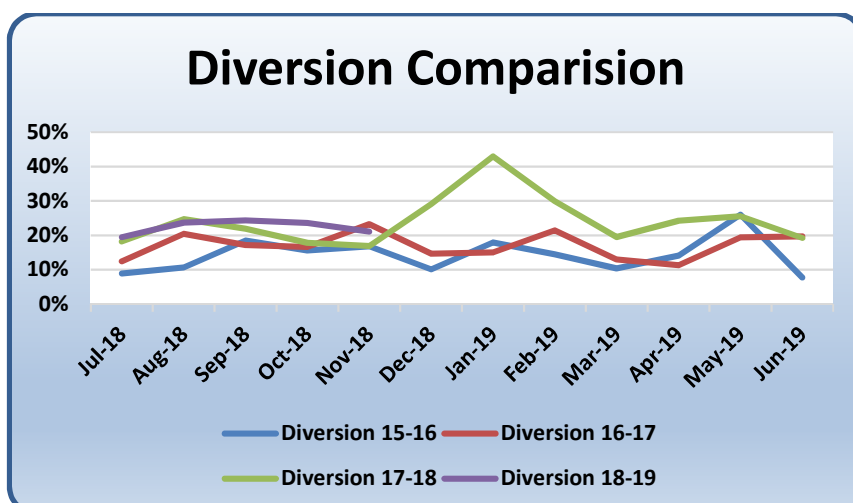
Monthly Waste to Landfill

Volumes to landfill are lower than the previous year's monthly annual tonnages (440 tonnes). November's 2018 amount peaking at 401 tonnes.



Diversion Comparison

The diversion comparison measures the amount of waste diverted from the landfill for recycling or reuse. Total diverted waste (recycling) is higher than November 2017 (17%) with the November 2018 rate sitting at 21% (107 tonnes).



Appendix 1

ROADING AND FOOTPATHS GROUP OF ACTIVITIES 2018/19					Nov-18
Major programmes of work outlined in the LTP 2018/28					
Pavement Rehabilitation	Route Position Length	Status	Start date	Completion date	Planned for the next two months
Rehabilitation of 6.52 km of existing sealed roads subject to Project Feasibility Reports to determine validity for progressing to the design and construction phase.					
Mangahoe Road	RP 3.995 - 5.157	Removal of vegetation/trees first, physical works to follow	Jul-18	Feb-19	Construction In Progress.
Parewanui Road/Ferry Road	approx 500m2	Intersection to Works - AC		Apr-18	This project now complete.
Parewanui Road	RP 9.7 - 9.9	Bought forward from the 19/20 year	Nov-18	Dec-18	Draft design
Ratana Road	RP 0.02 - 0.53	Bought forward from the 19/20 year	Feb-19	Mar-19	In the final design stages.
Spooners Hill Road		Subject to PFR	TBC	TBC	
Taihapa Napier Road 2	RP 3.83 - 5.67	Subject to PFR	TBC	TBC	On Hold. Some of the funds being diverted to the Ratana Road Rehab.
Pukepapa Road - (Reserve project)	RP 9.420 - 9.530		TBC	TBC	
Pavement Seal widening		Status	Start date	Completion date	Planned for the next two months
Makirikiri Road	RP 2.993 -4.633	subject to preliminary design.			Design aspects currently underway
Mangatipona/Kauangaroa/Okirae Road Intersection	At the intersection of these roads length approx 700m	subject to Geotech design	Jan-19	Mar-19	Plan to commence in January
Ruanui Road	RP 0.425 - 1.575	subject to preliminary design.	TBC	TBC	Awaiting planning confirmation
Bridge Replacement	Design/ Scoping	Tender/Contract docs	Under construction	Complete	Planned for the next two months
Mangaweka Bridge	Business plan complete. Awaiting next stage/approval from NZTA				Still awaiting NZTA approval
Te Kapua Bridge	Design being worked on.				Completed 2017/18
Bridge Strengthening	Design/ Scoping	Tender/Contract docs	Under construction	Complete	Planned for the next two months
Kakariki Bridge	Design being worked on		Sep-18	Dec-18	Was recently assessed to be capable of taking HPMV's. Consideration of strengthening deferred to 2021-24.
Moawhango Bridge	Design being worked on.		Sep-18	Apr-19	Currently being assessed; results due prior to Christmas.
Otara Road Bridge	Report to Council for this bridge completed.	Construction	Aug-18	Nov-18	Practical completion expected Nov 30.
Street Lighting	Design/ Scoping	Tender/Contract docs	Under construction	Complete	Planned for the next two months

Accelerated renewal programme of LED carriageway lighting	Stages 1&2 completed.	Non LED lights remaining after the completion of stage 3 will be a handful of lights for Parks and Reserves, some decorative lights for Marton, Taihape & Bulls plus some pedestrian crossings. There is money in year 2 and 3 of NZTA budget excluding Parks and Reserves.	Aug-18	Dec-18	There are 65 lights yet to install, these are on order and should arrive mid November, the contractor will then commence the installation which should then be completed in December. Once these are installed this will complete stage 3.
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Carry forward programmes from 2017/18

Taihape Mataroa Road/SH1, footpath renewal	various locations	Targeted maintenance			This site now complete.
Taihape Kuku Street, footpath renewal	site under investigation and design.				Proposal to move to the 19/20 year
Taihape Robin Street, new footpath	Design completed.		TBC	TBC	Initial design for this site being reassessed. Scope indicates high cost.
Bulls: Parewanui Road – seal widening – location subject to Safety Study	RP 3.0 - 8.0 approx.				Complete analysis of the Safety study report.
Turakina Valley Road 3 Bridge 45 Concrete Ford, RP 6000	Brought forward from 2019/20 programme was incorporated with the James Road emergency works project		Mar-18	May-18	This project now complete.
Repairs to damage from Debbie event April 2017	Designs for all sites completed.				Sites approx 98% complete.
Repairs for damage to network arising from the July 13/14 2017 event.	Designs for all sites completed.				Only one site left from this event.
Taihape-Napier Road - Professional services and resource consenting for three large Armco culverts in Taihape-Napier Road which require concrete linings to rusted inverts.	Consultant being sought to design and scope the work to address these culverts.				Design to address the problems with these culverts about to be implemented.

Carry forward programmes to future years

Bulls: Parewanui Road, pavement rehabilitation	RP. 5820-7780; 1960m	Deferred to the next 3 year funding block (21/23) as a safety project	TBC	TBC	Complete PFR
Turakina Valley Road 3 (Otairi) RP 2075 – guardrail to bridge approaches	Deferred to 2019/20 to be carried in conjunction with a pavement rehab				Deferred to 2019/20

Turakina Valley Road 3 (Otiwhiti) RP 3040 – replace wire rope barrier with guardrail	Deferred to 2019/20 to be carried in conjunction with a pavement rehab				Deferred to 2019/20
Taihape Kiwi Road, footpath renewal	Site under investigation and design.	Deferred to 19/20.	TBC	TBC	Deferred to 2019/20
Taihape Kuku Street, footpath renewal	site under investigation and design.	To align with the K&C programme.			Proposal to move to the 19/20 year

WATER SUPPLY GROUP OF ACTIVITIES 2018/19				Nov-18
Major programmes of work outlined in the LTP 2018-28				
Projects	Design/ Scoping	Tender/Contract docs	Under construction	Complete
Marton - pipe replacement programme (ongoing)	Broadway Stages 2 & 3	Work to start early October	Stage 2 is underway with watermain and stormwater completed on one side and moving to the other side early November.	
Bulls State Highway 1 - renewal of mains	GHD is in the process of completing the design of 150mm dia. rising main from Holland Crescent to High Street	Stage 1 of Bulls water Strategy completed by GHD. Meeting with Higgins to define extent of NZTA road rehabilitation project. Working with NZTA and Higgins to determine assets at risk and potential cost share arrangement	Negotiation with NZTA and Higgins ongoing. We have received a price from Higgins to upgrade our rising main on Holland Cres. Waiting on design report to determine construction impact on RDC watermain based on actual depth of asset compared to undercut and construction traffic.	
Taihapa (Hautapu River) - resource consent renewal	Draft consent with Horizons			
Hunternville Water Supply upgrade	In the final year of Capital assistance Programme, funding was received from the Ministry of Health to enable a new source of water to be developed for the Hunternville Urban water supply. This project is to sink an exploratory borehole on council land on Paraekaretu St to determine water quality and availability	Completed	Project awarded to Interdrill from New Plymouth. They will mobilise plant early December.	
Water Reticulation Renewals - District wide				
Erewhon				
Taihapa Falling main	Design for next stage underway			
Taihapa Kokako Street	Renewal of 380m 150mm dia steel watermain	RFT underway October 2018 - Package 1	Received pricing from B Bullocks who undertook Package 1 in 2017. Negotiating with Contractor to undertake works as part of previous contract.	
Taihapa Wren Street	Renewal of 175m of 100mm dia steel watermain from 8-21 Wren St	RFT underway October 2018 - Package 1	Received pricing from B Bullocks who undertook Package 1 in 2017. Negotiating with Contractor to undertake works as part of previous contract.	
Taihapa Lark/Swan Street	Renewal of 188m of 100mm dia cast iron watermain from Pukeko St to Swan St	Design underway -RFT to be undertake over the next couple of months.		
Mangaweka Rising Main	Scope to be confirmed	Design underway -RFT to be undertake over the next couple of months		

Marton Tutaenui Rd Trunk Main (Survey and design)	Priority to be reviewed			
Marton Wellington Road 200m	Scope to be confirmed	Spoken with Operations and this main has been repaired already.		
Taihape reticulation – falling main (stage 4)	Renewal of 810m of 225mm dia steel raw water falling main. Design process underway	Tender document currently under review, anticipate contract to be tendered early November with report to be presented to Council in December.		
Marton: Broadway duplication (Stages 2 & 3)	Stage 2 - Signal Street to Lambert and Stage 3 - Follett Street Roundabout	Work underway.	Stage 2 is underway with watermain and stormwater completed on one side and moving to the other side early November.	
Major Projects Carry over from 2017/18				
Projects	Design/ Scoping	Tender/Contract docs	Under construction	Complete
Taihape reticulation – falling main (stage 3) (\$1,119,987)	Renewal of 832m of 225mm dia steel raw water falling main	WIP	Completed	Complete
Taihape: Mataroa Road – water main renewal (\$470,786)	Renewal of 963m 225mm dia steel watermain along SH1 from Goldfinch to Linnet Street.	Design underway -RFT to be out December.		
Taihape: Mataroa Road – trunk main and rider main renewal (\$42,853)	Renewal of 304m of 100mm dia steel watermain outside motel	Design underway -RFT to be out December.		
Taihape: Kawau Road water main renewal (\$15,959)	Renewal of 73m of 100mm dia AC watermain from 2-8 Kawau St	Design being finalised and work prioritised.		
Bulls: physical works to replace one of the two Trickers Hill reservoirs and seismic strengthening work (\$933,000)	New reservoir at Trickers, seismic strengthening of Concrete building and filter at Bridge St (est. \$100-\$200k) and possible strengthening of mushroom at Bulls. New reservoir to be minimum 900m³, preferably 1200m³, with new access track on legal title. Seismic assessment of mushroom indicates \$300-\$400k of strengthening work required. Money available will depend on cost of new reservoir and a requirement for the mushroom to remain as a feature of Bulls. Annual Plan budget – renewals to reservoirs and lift pumps (\$757,000 for seismic strengthening). Physical works (\$933k) deferred to 17/18 as part of revised 16/17 budget allocation.	(1) Investigation underway, in discussions with landowner for reservoir, Access and easements required. Road design completed and forms part of the negotiation with Mr Tricker. (2) Seismic analysis will be handled as part of larger contract. Lift pump options being investigated. (2) stage 2 for Bulls water strategy underway looking at alternative options for water supply and reticulation needs. (3) Seismic strengthening of Bulls Mushroom no longer required.		

Marton: seismic strengthening of clarifier (\$225,000), poly machine renewals and rotork valves etc. (\$70,000)	Detailed seismic investigation underway	Tender awarded to Calibre. Initial design completed, but on hold until water strategy completed between Marton & Bulls. Bulls water strategy including supply options underway with GHD	Investigation only	
Taihape: water treatment plant seismic strengthening and roof replacement on reservoir (\$604,000)	Reservoir deemed earthquake prone requiring \$200-\$300k of earthquake strengthening. Reservoir is also in need of new roof supporting structure	Tender awarded to Calibre. Initial design completed. Project has now expanded to include a replacement / secondary Reservoir. Environmental analysis underway to determine where the replacement reservoir will go.		
Taihape: WTP Structural repairs as a result of seismic assessment (\$129k)	Reservoir deemed earthquake prone requiring \$200-\$300k of earthquake strengthening. Reservoir is also in need of new roof supporting structure. Investigate option of a new reservoir to replace existing and report by 30 September 2016. Work may be required over two years	Tender awarded to Calibre. Initial design completed. Project has now expanded to include a replacement / secondary Reservoir. Environmental analysis underway to determine where the replacement reservoir will go.		
Bulls: Design and construction of new reservoir as a result of seismic assessment (\$633k)	New reservoir at Trickers, seismic strengthening of Concrete building and filter at Bridge St (est. \$100-\$200k) and possible strengthening of mushroom at Bulls. New reservoir to be minimum 900m³, preferably 1200m³, with new access track on legal title. Seismic assessment of mushroom indicates \$300-\$400k of strengthening work required. Money available will depend on cost of new reservoir and a requirement for the mushroom to remain as a feature of Bulls. Annual Plan budget – renewals to reservoirs and lift pumps (\$757,000 for seismic strengthening). Physical works (\$933k) deferred to 17/18 as part of revised 16/17 budget allocation.	(1) Investigation underway, in discussions with landowner for reservoir, Access and easements required. Road design completed and forms part of the negotiation with Mr Tricker. (2) Seismic analysis will be handled as part of larger contract. Lift pump options being investigated. (2) stage 2 for Bulls water strategy underway looking at alternative options for water supply and reticulation needs. (3) Seismic strengthening of Bulls Mushroom no longer required.		

Marton: Broadway duplication (\$140k)	Programme was for 2015-2016 ahead of major Roothing work; approx. 460 m between High St and Signal St; duplicate existing 150 mm AC on east side with new 150 mm on west side. Design only and defer to year 6 or later to align with replacement of AC main. Stage 1- Follett to Signal block, upsizing from 150 mm to 200 mm to align with 2017/2018 roading programme	Tender awarded to I D Loaders 31 August 2017, watermain and stormwater have been installed. Western side now complete and have started work on the Eastern side	Completed	Stage 1 - Completed
Ratana; water supply upgrade - new reservoir, bore and treatment system. (Est \$1.6M)	Water treatment system under design	Water treatment building Tender awarded to Kiwispan Ltd. (est\$130k) Water treatment processing awarded to Filtec. (est \$630k). Application made to Ministry for extension of time to complete works June 2016 - Approved	Filtec back onsite early October to undertake remedial works on the iron exchange tanks	

SEWERAGE AND THE TREATMENT AND DISPOSAL OF SEWAGE GROUP OF ACTIVITIES 2018/19				Nov-18
Major programmes of work outlined in the LTP 2018-28				
Projects	Design/ Scoping	Tender/Contract docs	Under construction	Complete
Marton and Bulls combined Wastewater Scheme: Pipeline Marton to Bulls ; Land purchase	Design underway, steering group recommendation was forwarded to AIN and now adopted by full Council			
Ratana Wastewater Treatment Plant Upgrade	See Infrastructure Group Report			
Taihape - Pakaowhai Valley Rd Wastewater Reticulation	Scope to be confirmed			
Wastewater Reticulation Renewals - District wide				
Bulls High street	2018/2019 programme to be prioritised			
Infiltration reduction through relining programme	2018/2019 programme to be prioritised and work tendered.	Investigation underway		
Other major programmes of work carried over from 2017/18				
Projects	Design/ Scoping	Tender/Contract docs	Under construction	Complete

STORMWATER GROUP OF ACTIVITIES 2018/19				Nov-18
Major programmes of work outlined in the LTP 2018-28				
Projects	Design/ Scoping	Tender/Contract docs	Under construction	Complete
Stormwater Reticulation Renewals and Improvements - District wide				
Scotts Ferry - new drainage system (\$505,000)	Design underway. Joint design project with Tangimoana			
Marton - Harris/Pukepapa drain (258,000)	Waiting on planned start date for drain cleaning to be done. Looking at best option for retaining open channel drain on Harris St.			
Marton - Russell St catchment (\$95,000)	Stormwater design underway for Marton Hotspots through to outlet, will confirm priorities of catchment 1&2 and progress with starting at outlet			
Marton - Wilson Place (\$75,000)	Stormwater design underway for Marton Hotspots through to outlet, will confirm priorities of catchment 1&2 and progress with starting at outlet			
Marton - Wellington Road drain (\$245,000)	Stormwater design underway. We have determined location of new pipe and going through process of Easement.			
Taihape - Paradise Walkway \$80,000)	Design underway			
Programmes Carried over from 2017/18				
Projects	Design/ Scoping	Tender/Contract docs	Under construction	Complete
Marton: renewal of stormwater reticulation in Milne Street (\$80,000).	Renewal of 450mm dia culvert between 2-17 Milne Street Marton as existing main assessed as condition 5 (very poor)	Investigation underway, CCTV of pipe shows little defects with majority of problems with sump leads. Stormwater repairs to be done in conjunction with roading defects. Start date TBC		
Taihape: renewal of stormwater reticulation in Missel Street (\$99,000)	Design for stormwater line to redirect water away from private property	Investigation underway to determine if main can be connected into Thrush Street or Kaka St or option of relining existing stormwater line	CCTV and flushing of stormwater through private property was organised for October but due to work commitments wasn't done. The outcome of the CCTV will determine if relining the pipe is a viable option.	
Other major programmes of work carried out during 2018/19				
Projects	Design/ Scoping	Tender/Contract docs	Under construction	Complete

RUBBISH AND RECYCLING GROUP OF ACTIVITIES 2018/19			Nov-18
Major programmes of work outlined in the LTP 2018-28			
What are they:	Targets	Progress to date	Work planned for next three months
Greenwaste Acceptance:			
Ratana		Hook bins ready for use. WTS safety barriers in place	Commence greenwaste service
Huntermville		Hook bins ready for use. Hard stand quotes all received	Manager approval for works to commence
Other projects			
What they are:	Targets:	Progress to Date	Work planned for next three months
Waste minimisation	Waste Education NZ visits.	Moawhango, Whangaeahu, Taihape Schools received lessons	Monitor and review teacher reports
Waste minimisation	Horizons Enviroschools programme.	Mataroa and Moewhango signaled intention to participate at introductory level (Friends) Huntermville commenced program	Facilitator to support Marton Child Care Centre to move to next level (silver) of engagement. Meet with South Makirikiri School.

Appendix 2

Service Request Breakdown for November 2018 - First Response

Service Requests	Compliance	
Department	responded in time	Grand Total
Public Toilets	1	1
Maintenance (public toilets)	1	1
Grand Total	1	1

Percentage responded in time 100%

Service request Breakdown for November 2018 - Resolutions

Count of Rec No	Column Labels	
Row Labels	completed in time	Grand Total
Public Toilets	1	1
Maintenance (public toilets)	1	1
Grand Total	1	1

Percentage completed in time 100%

Service Request Breakdown for November 2018 - First Response

Service Requests Department	Compliance current	overdue	responded in time	Grand Total
Water	3	38	33	74
Bad tasting drinking water	1	28	5	34
HRWS maintenance required			4	4
HRWS No water supply			1	1
Location of meter, toby, other utility		1		1
Low drinking water pressure			3	3
No drinking water supply			2	2
Replace meter, toby or lid	1	4	4	9
Water leak - council-owned network, not parks or cemeteries		1	5	6
Water leak at meter/toby	1	4	9	14
Grand Total	3	38	33	74

Percentage responded in time

45%

Service request Breakdown for November 2018 - Resolutions

Count of Rec No Row Labels	Column Labels		
	completed in time	overdue	Grand Total
Water	38	36	74
Bad tasting drinking water	5	29	34
HRWS maintenance required	4		4
HRWS No water supply	1		1
Location of meter, toby, other utility	1		1
Low drinking water pressure	3		3
No drinking water supply	2		2
Replace meter, toby or lid	6	3	9
Water leak - council-owned network, not parks or cemeteries	6		6
Water leak at meter/toby	10	4	14
Grand Total	38	36	74

Percentage completed in time

51%

Service Request Breakdown for November 2018 - First Response

Service request Department	Compliance current	Overdue	Responded in time	Grand Total
Footpaths	1		3	4
Footpath maintenance	1		3	4
Roads	9	1	22	32
Culverts, drains and non-CBD sumps	2		4	6
General Enquiry		1		1
Potholes	1		1	2
RAPID Number	1		3	4
Road maintenance - not potholes	3		12	15
Road signs (except state highway)	2			2
Road surface flooding - danger to traffic			2	2
Roadside Berm Mowing	1		1	2
Rural berm mowing (including Taihape - see map)	1			1
Urban berm mowing (see maps for Taihape)			1	1
Roadside Trees, Vegetation and Weeds	2		2	4
Rural trees, vegetation and weeds			2	2
Urban trees, vegetation and weeds	2			2
Rubbish bins	2			2
Bins - Bulls	1			1
Bins - Marton	1			1
Street Lighting			2	2
Street lighting maintenance			2	2
Grand Total	15	1	30	46

Percentage responded in time

65%

Service request Breakdown for November 2018 - Resolutions

Count of Rec No	Column Labels			
Row Labels	completed in time	completed late	current	Grand Total
Footpaths	3		1	4
Footpath maintenance	3		1	4
Roads	21	1	10	32
Culverts, drains and non-CBD sumps	3		3	6
Potholes	1		1	2
RAPID Number	2	1	1	4
Road maintenance - not potholes	13		3	16
Road signs (except state highway)			2	2
Road surface flooding - danger to traffic	2			2
Roadside Trees, Vegetation and Weeds	3		3	6
Rural trees, vegetation and weeds	2		2	4
Urban trees, vegetation and weeds	1		1	2
Street Lighting	2			2
Street lighting maintenance	2			2
Grand Total	29	1	14	44

Percentage completed in time

66%

Service Request Breakdown for November 2018 - First Response

Count of Rec No	Column Labels	
Row Labels	Responded in time	Grand Total
Roadside Trees, Vegetation and Weeds	2	2
Rural trees, vegetation and weeds	2	2
Grand Total	2	2

Percentage responded in time 100%

Service request Breakdown for November 2018 - Resolutions

Service requests	Compliance		
Department	completed in time	current	Grand Total
Footpaths	1		1
Footpath maintenance	1		1
Roads		1	1
Road maintenance - not potholes		1	1
Roadside Trees, Vegetation and Weeds	2	1	3
Rural trees, vegetation and weeds	2	1	3
Grand Total	3	2	5

Percentage completed in time

60%



RANGITIKEI
DISTRICT COUNCIL

INFRASTRUCTURE GROUP REPORT

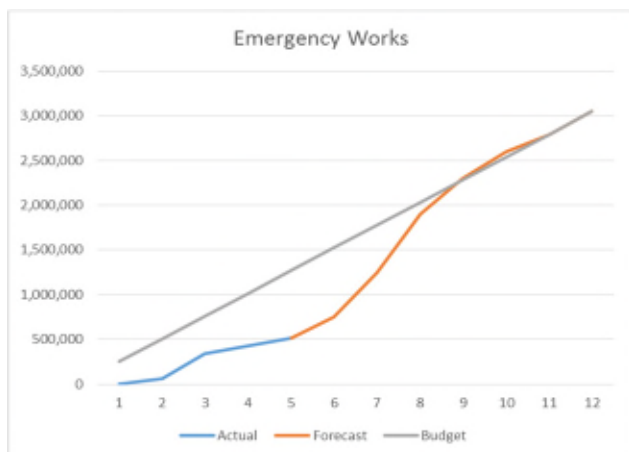
DECEMBER 2018

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1 ROADING

1.1 EMERGENCY WORKS



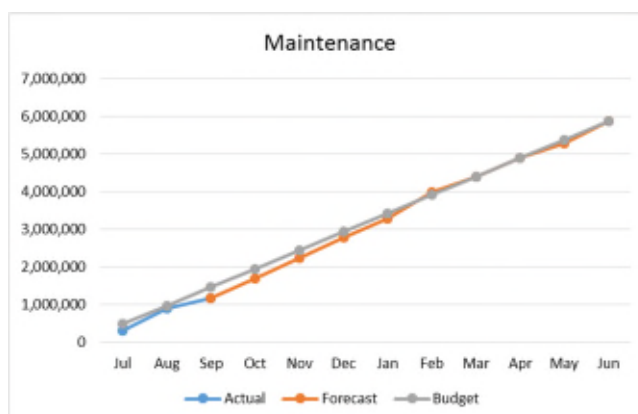
September 2018 Weather Event: between the 4 and 6 of September 2018 a number of roads in the northern areas of District were closed by slips and drop outs. The restoration was completed in November 2018.

Event	Phase	Completion Due
July-18, Turakina-3 south of Drysdale	Design and scoping report	Dec-18
Apr-18, Turakina-2 north of McLeays, dropout	Design and scoping report	Dec-18
May-18, Swan St	Design and scoping report	TBC
May-18, Rangitane Bridge	Rock rip rap	TBC

1.2 MAINTENANCE

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

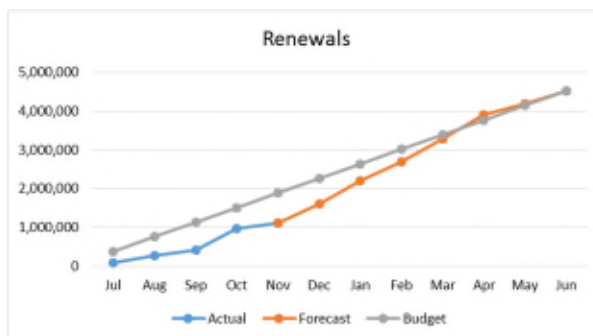
- The priority has been to complete the remaining pre reseal repairs and the continued focus on safety issues, drainage and resilience work.
- Developing drainage resilience programme
- Liaising with NZTA re their Renewal & Rehab programme.



1.3 RENEWALS

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

- Chip seal designs have been completed. Chip sealing is scheduled to start in early January.



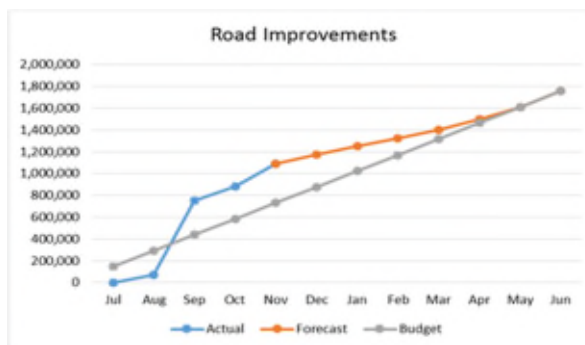
Sealed Road Resurfacing: There is approximately 51 kilometres of Sealed Road Surfacing programmed for this year.

Sealed Road Pavement Rehabilitation: This work provides for the replacement of, or restoration of strength to, sealed pavements where other forms of maintenance and renewal are no longer economic. The proposed projects for 2018-19 are;

Location	Length (m)	Start Construction	Completion Due
Mangahoe Road	1170	Jul 18	Feb 19
Parewanui Road RP 9420-9530	110	Apr 19	May 19
Spooners Hill Road	500	Feb-19	Mar-19
Taihape Napier Road 2	1840	TBC	TBC
Ratana Rd	500	Mar-19	Apr-19

1.4 ROAD IMPROVEMENTS

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



Location	Start construction	Completion Due
Pungatawa Road RP 6700 – widen blind corner with large drop-off. Deferred to align with the resealing programme.	TBC	TBC
Makirikiri Road RP2993-4634. Seal widening	TBC	TBC
Mangatipona/Kauangaroa/Okirae Road Intersection	Jan 19	Mar 19
Ruanui Road RP900-1200. Seal widening	TBC	TBC
Hautapu Street / Tui Street pedestrian crossings	Jan 19	Mar 19
Okirae Road Bluffs. Geotech assessment	TBC	TBC
Installation of LED luminaries	Dec 18	Jan 19

Bridge Replacements: This work provides for the upgrade or replacement of existing bridges and other road structures.

Location	Phase	Start	Completion Due
Otara Bridge: Strengthening	Construction	Aug 18	Nov 19
Brandon Hall	Capacity Assessment	Dec 18	Feb 19

Mangaweka Bridge

The funds to carry out the Pre-Implementation Phase have been approved by NZTA.

Rangitikei and Manawatu District Councils will now proceed with the Pre-Implementation Phase for the construction of a new 132m long steel plate girder bridge, 30m downstream of the existing bridge, on the basis that the existing bridge will be demolished. The Pre-Implementation Phase will include detailed design, property acquisition, and consenting.

Rangitikei and Manawatu District Councils will make the final decision on the future of the existing Mangaweka bridge after receiving feedback from affected parties during the Pre-Implementation Phase.

1.5 OTHER PROJECTS

Broadway Marton – Infrastructure Upgrade

Stage 2 – Signal to Lambert




This stage is progressing as programmed and due to be finished in 14th December weather permitting.

Stage 3 Follett St Roundabout


This stage is programmed for consultation in December with the retailers and construction in January-February 2019. This site is complex in nature due to the presence of the central business area and the number of underground services crossing the intersection. Threading new pipework between them will require considerable care.

The objective of this stage is to renew the old and fragile pipework through the Follett Street roundabout with new reliable materials so that the roundabout can be resurfaced in the 2019/20 programme. The life of the new surface is expected to be 20-25 years.

1.6 HEALTH AND SAFETY

RDC - ZERO HARM REPORTING



LEAD INDICATORS

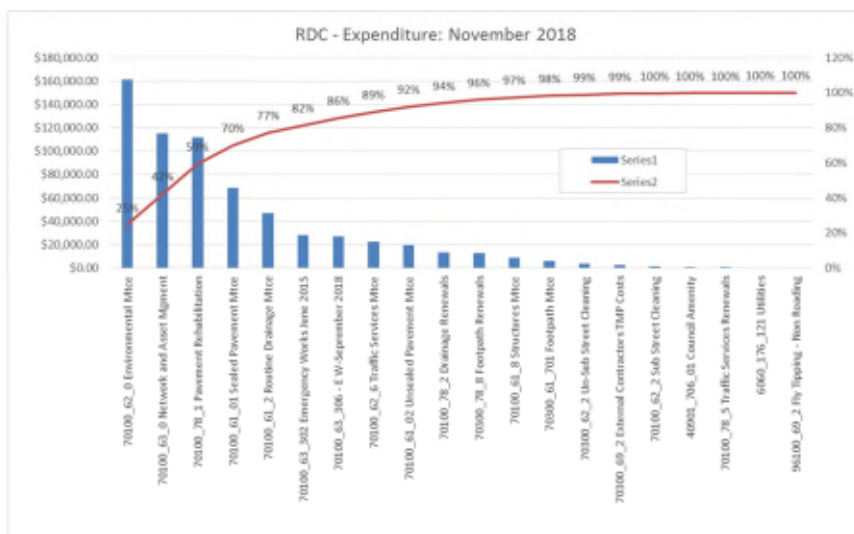
Type	Explanation	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
Drug and Alcohol Tests	LEAD: Total number of drug and alcohol tests completed in the period for pre-	2	1	1	2	3							
Positive Drug and Alcohol Tests	The total number of positive Drug and Alcohol test results in the period	0	0	0	0	0							
Site H&S Conversations	The total number of site H&S Conversations completed in the period by Contractors or site	2	3	3	3	3							
Site Health and Safety Audits	The total number of site Health and Safety Audits completed in the period by the	12	16	16	14	10							
Safety Briefing	The total number of Safety Briefings completed in the month including pre-starts,	5	4	4	4	4							
Near Miss (Close call)	The total number of Near Misses submitted in the month by the site team	0	1	1	1	0							
Traffic Management Inspection	Total number of audits completed by the designated Site Traffic Manager Supervisor	1	0	0	1	0							
Sub Contractor Review	Number of Sub Contract Reviews completed by the main Contractor in the period	0	1	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	1	0	0	1	1							

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	1							
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	1	0	0	0	0							
Property Damage	Contact with third party property resulting in damage	0	2	0	0	1							

1.7 FINANCIAL TRACKING

Maintenance		Actual	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
141 Emergency Works														
Sep-18	685,000													
Jun-18 incl Rangitane & Kawhatau	243,000													
May-18 incl Swan St & TV-2	907,000		358		186,848	270,313	299,907							
Jul-13/14-2017 (Snow)	704,963			27,982	119,122	119,122	138,256							
Jun-15	105,118			4,508	4,508	8,295	36,399							
Apr-17 (Debbie) FAR 63	335,867			26,778	26,778	26,778	36,746							
Apr-17 (Debbie) FAR 83	64,925													
Emergency Works - Totals	3,045,873	Actual	358	59,268	337,256	424,508	511,308							
		Forecast					511,308	750,000	1,250,000	1,900,000	2,300,000	2,600,000	2,792,050	3,045,873
		Budget	253,823	507,646	761,468	1,015,291	1,269,114	1,522,937	1,776,759	2,030,582	2,284,405	2,538,228	2,792,050	3,045,873
Maintenance														
111 Sealed Pavement Maintenance	1,195,000		26,017	28,207	30,154	133,842	202,689							
112 Unsealed Pavement Maintenance	354,100		20,045	40,978	59,709	79,631	99,168							
113 Routine Drainage Maintenance	990,000		109,957	235,569	308,156	378,706	427,214							
114 Structures Maintenance	162,400		5,851	12,218	18,985	27,609	36,753							
121 Environmental Maintenance	900,000		92,141	335,055	406,564	516,105	663,956							
122 Traffic Services Maintenance	400,000		18,503	36,123	52,395	76,423	101,089							
124 Cycle Path Maintenance	1,000		0	0	0	0	0							
125 Footpath Maintenance	348,800		24	362	352	20,952	39,436							
131 Level Crossing Warning Devices	15,000		0	0	0	0	0							
140 Minor Events	370,000		3,406	13,501	13,501	13,501	13,501							
151 Network & Asset Management	1,148,000		50,095	201,900	291,823	480,603	598,504							
Maintenance - Totals	5,884,300	Actual	326,039	903,913	1,181,639	1,727,372	2,182,310							
		Forecast					2,182,310	2,800,000	3,300,000	4,000,000	4,400,000	4,900,000	5,300,000	5,884,300
		Budget	490,358	980,717	1,471,075	1,961,433	2,451,792	2,942,150	3,432,506	3,922,867	4,413,225	4,903,583	5,393,942	5,884,300
Renewals														
211 Unsealed Roads Metalling	410,000		58,179	164,482	204,992	224,810	224,810							
212 Sealed Roads Resurfacing	1,630,700		0	0	0	126,988	126,988							
213 Drainage Renewals	600,000		19,161	60,232	68,111	109,601	122,831							
214 Sealed Road Pavement Rehabilitation	1,351,800		467	22,628	93,026	395,927	517,532							
215 Structures Component Replacements	341,500		0	3,475	7,135	35,587	42,514							
222 Traffic Services Renewal	190,000		3,094	12,571	36,530	68,073	76,845							
Renewals - Totals	4,524,000	Actual	80,901	263,388	409,794	960,986	1,111,520							
		Forecast					1,111,520	1,600,000	2,200,000	2,700,000	3,300,000	3,900,000	4,200,000	4,524,000
		Budget	377,000	754,000	1,131,000	1,508,000	1,885,000	2,262,000	2,639,000	3,016,000	3,393,000	3,770,000	4,147,000	4,524,000
Road Improvements														
322 Mangaweka Br Replacement - Detailed f	18,350						253,461							
324 Road Improvements							6,337							
324 Road Improvements (LED's)	102,650			72,084	91,405	91,405	179,934							
325 Taihape Napier Road Seal Extn	35,036						3,763							
341 Low Cost Low Risk Improvements	1,600,500				663,087	791,117	644,705							
357 Resilience Improvements	(incl the line above)													
Renewals - Totals	1,756,536	Actual	0	72,084	754,492	882,522	1,088,200							
		Forecast					1,088,200	1,175,000	1,250,000	1,325,000	1,400,000	1,500,000	1,610,000	1,756,536
		Budget	146,378	292,756	439,134	585,512	731,890	878,268	1,024,646	1,171,024	1,317,402	1,463,780	1,610,158	1,756,536
Walking/Cycling, Public Transport														
451 New Footpaths	120,000													
452 Cycling facilities	1,500													
514 Public transport facilities O & M	5,500													
Renewals - Totals	127,000	Actual	0	0	0	40,000	50,000	70,000	70,000	80,000	95,000	110,000	120,000	127,000
		Budget	10,583	21,167	31,750	42,333	52,917	63,500	74,083	84,667	95,250	105,833	116,417	127,000



2 UTILITIES BUDGETS

3 Waters - RDC LTP Budget 18/19 FY	Budget book	LTP Budget	INF Projects	GL	Budget Allocations	Total Budget	Current expense	Total Expense	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Key
Sewerage Renewals																					Design & Investigation
Wastewater Reticulation - New Works		75,000	75,000																		Tendering
Wastewater Reticulation - O&M (WWTP minor upgrades)		40,000	40,000																		Construction
Wastewater Reticulation - Renewals:	500,000	500,000																			Capitalisation
Bulls High Street LTP																					
Sewer relining - district			500,000	6070188305	500,000		5,100														
Wastewater Treatment - Renewals LTPid54:	3,919,000	5,219,000		6070188306	3,919,000		0														
Wastewater Treatment - Renewals LTPid89:	1,300,000			6070188307	1,300,000		0														
Project A - Consents other			219,000																		
Project B - Taihape consenting and upgrade			800,000																		
Project C - Mangaweka consenting and upgrade			50,000																		
Project D - Hunterville consenting and upgrade			100,000																		
Project E - Ratana land purchase LTP			600,000																		
Project F - Ratana land disposal consent			200,000																		
Project G - Ratana irrigation			500,000																		
Project H - Ratana treatment renewals and consent LTP			300,000																		
Project I - Infiltration reduction through relining programme LTP			650,000																		
Project J - Marton WWTP replacements to match diversion			700,000																		
Project K - Land purchase for Marton (Bulls) LTP			700,000																		
Project L - Papakai pump station - Taihape LTP			400,000																		
Project M - Pipeline Marton to Bulls LTP	1,565,890	1,565,890	1,565,890	6070188308	1,565,890		0														
Total Sewerage Renewals	7,284,890	7,399,890	7,399,890																		
Sewerage New Works																					
Minor works at WWTPs	50,000	50,000	50,000	6070177105	50,000		6,620														
Total Sewerage NW	50,000	50,000	50,000		WW	7,334,890		11,720													
Stormwater Drainage Renewals																					
Stormwater Reticulation - Renewals:	507,977	507,977	4,977	6050176163	507,977		28,980														
Marton - Wellington Road drain LTP			245,000																		
Marton - Harris/Pukepapa drain LTP			258,000																		
Total Stormwater Renewals	507,977	507,977	507,977																		
Stormwater Drainage New Works																					
Stormwater Reticulation - New Works:	750,000	750,000		6050177363	750,000		0														
Scotts Ferry LTP			500,000																		
Hunterville drainage - Ongo Road			10,000																		
Marton - Russell St catchment LTP			95,000																		
Marton - Wilson Place LTP			75,000																		
Taihape - Paradise Walkway LTP - (includes water)			120,000																		
Total Stormwater NW	750,000	750,000	800,000	SW		1,257,977		28,980													

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 is the consent holder have been shown.

Table 1: Consent Compliance – Water Supply

Scheme	Compliance December 2018	Comments	Actions
Marton	Water abstraction consents.	-	-
	Compliant		
	WTP discharge consent.	New consent granted 6 November 2018	New meter to be installed on discharge pipe.
Taihapa	Compliant	-	Upgrades commissioned 2018
Bulls	Compliant	-	-
Mangaweka	Compliant	Volumes close to consent limit just before Christmas due to leak	Leak in Network located and repaired.
Ratana	Compliant		
Erewhon Rural	Compliant	-	-
Hunternville Rural	Compliant	-	-
Omatane Rural	Compliant	-	-

3.1 WATER SUPPLY – DRINKING WATER STANDARDS COMPLIANCE

Table 2 shows the compliance of each water supply scheme against the Drinking-Water Standards for New Zealand 2005 (Revised 2008). Only those schemes for which Rangitikei District Council is assessed have been shown.

Health related potable water limits are being achieved at all of the treatment plants.

Table 2: DWSNZ Compliance

Scheme	Compliance December 2018 – Bacteria	Compliance December 2018 – Protozoa
Marton		
	Bacteria /E-coli Compliant : Not Detected	Protozoa/ UVT Achieved <95% validation Non-compliant
	Bacteriological compliant. Protoza non-compliance due to both filters and UV	
Taihape		
	Bacteria /E-coli Compliant : Not Detected	Protozoa/ UVT Achieved <95% validation Compliant: 99.99%
	Bacteriological and protozoa compliant	
Bulls		
	Bacteria /E-coli Compliant : Not Detected	Protozoa/ UVT Achieved <95% validation Non compliant for Month
	Bacteriological compliant. Protozoa Compliant 30 days of month. 33 mins on filters and 16 mins on UV transmittance	
Mangaweka		
	Bacteria /E-coli Compliant : Not Detected	Protozoa/UVT Achieved < 95% validation Compliant: 99.97%
	Bacteriological and Protozoa compliant	
Ratana (New bore)	Bacteria/E-coli Compliant : Not Detected	Protozoa Achieved Compliant: 100 %
	Some issues with FAC on 18 December Protozoa Compliant	
Huntermville Urban	Bacteria /E-coli Compliant : Not Detected	Protozoa Not Achieved UVT Compliant – 100%
	Differential Pressure issues with cartridge filter.	

3.2 SECTION 69Z OF THE HEALTH ACT 1956

Pursuant to s69Z the Health Act 1956 Water Safety Plans must be in place for all plants. As a result of the Havelock North review additional critical control points need to be added to the Water Safety Plans.

Critical control points have been identified for the six water supplies identified below. The guidelines for Water Safety Plans are getting updated in November 2018. Subsequently work on preparing new safety plans are on hold until.

Table 3 shows the status of the Water Safety Plan, at the end of August 2018, for each plant; the status of the Annual Review for each plant; the expiry date of each Water Safety Plan; the plan going forward to ensure compliance; and the progress made in the reporting period.

Table 3: Health Act Compliance – Status of Water Safety Plans

Plant	Water Safety Plan Status	Annual Review Status	Expiry Date	Plan Going Forward	Progress
Bulls	Approved June 2016	Review underway	June 2021	Schedule Plan development in December 2018	Critical control points Identified
Huntermville Urban	Approved June 2017	Review under way	May 2022	Schedule Plan development in December 2018	Critical control points Identified
Mangaweka	Approved June 2017	Review underway	May 2022	Schedule Plan development in December 2018	Critical control points identified
Marton	Approved December 2015	Up to date. Due next in December 2020	December 2020	No immediate action required	N/A
Ratana	No Water Safety Plan in place at present*			Schedule Plan development in December 2018	Commissioned
Taihape	Approved October 2015	Up to date. Due next in October 2020	October 2020	No immediate action required	N/A

- * Permanent population below 500 so not compulsory.

3.3 WASTEWATER

Compliance against consents, is shown per wastewater treatment plant (WWTP) in the Table 4 below.

Ongoing consultation with Horizons continues to occur. Horizons has a level of comfort with the three non compliances identified below for the following reasons:

- The non compliances are limited to discharge volume ;
- Applications to increase the discharge volumes are currently being worked on for these three sites;
- Compliance with in river limits are being achieved.

Table 4: Consent Compliance – Wastewater Treatment Plants

Scheme	Compliance November 2018	Comments	Actions
Marton	Compliant		Project team working on application for Bulls/Marton centralisation due to be submitted in May 2019
Taihape	Non-Compliant	Non-compliant with discharge volume condition	Regular consultation with Horizons continues to occur.
Bulls	Non-Compliant	Non-compliant with discharge volume for 13 days. Non-compliant for Total Suspended Solids in effluent	Project team working on application for Bulls/Marton centralisation due to be submitted in May 2019
Mangaweka	At Risk	Flow meter error	Check process and discharge meter
Hunternville	Non-Compliant*	Over aluminium limit	Regular consultation with Horizons continues to occur. Check of pipe work at plant.
Ratana	Non-Compliant	Non-compliant with discharge volume condition	Consultation associated with consent application commenced.
Koitiata	Compliant		

* Hunternville WWTP flowmeter reading incorrectly. Based on historical data exceedances with discharge volumes are likely to have occurred.

New Zealand Defence Force have requested Rangitikei District Council to consider taking their wastewater from Ohakea Air Base to the Bulls Wastewater Treatment Plant. Further consultation is required to finalise details associated with a proposed trade waste agreement.

4 SOLID WASTE

4.1 SOLID WASTE INSPECTIONS

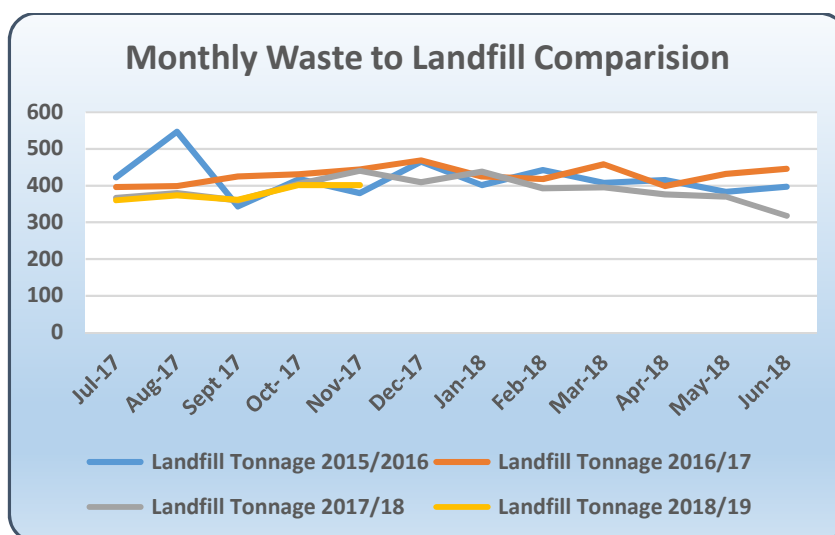
Marton Transfer Station

An inspection was carried out in December on Marton Waste Transfer Station (MWTS). The site was in a good condition. Lawns and trees require maintenance by contractor. An engineered step and platform is required for the waste oil access area. Greenwaste disposal education is required for compliant uncontaminated greenwaste.

4.2 WASTE TRANSFER STATION MONTHLY TRENDS

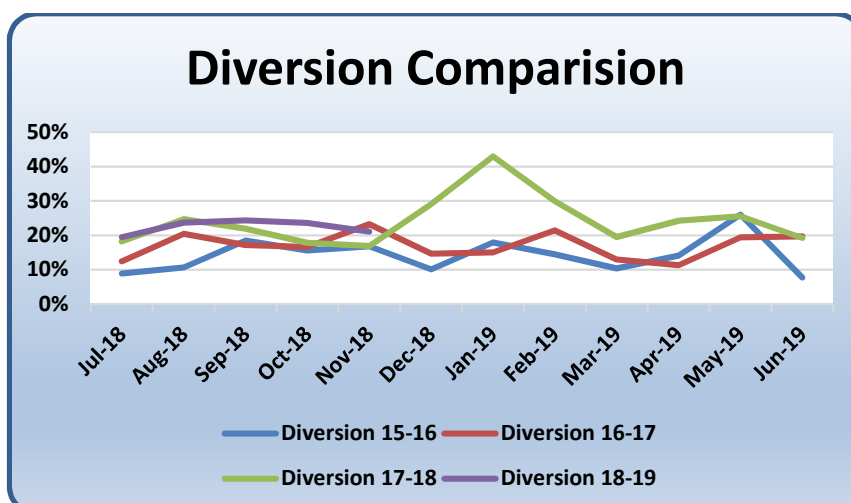
Monthly Waste to Landfill

Volumes to landfill are lower than the previous year's monthly annual tonnages (440 tonnes). November's 2018 amount peaking at 401 tonnes.



Diversion Comparison

The diversion comparison measures the amount of waste diverted from the landfill for recycling or reuse. Total diverted waste (recycling) is higher than November 2017 (17%) with the November 2018 rate sitting at 21% (107 tonnes).



Appendix 1

RUBBISH AND RECYCLING GROUP OF ACTIVITIES 2018/19			Dec-18
Major programmes of work outlined in the LTP 2018-28			
What are they:	Targets	Progress to date	Work planned for next three months
Greenwaste Acceptance:			
Ratana		Hook bins ready for use. WTS safety barriers in place	Commence greenwaste service
Huntermville		Hook bins ready for use. Hard stand quotes all received	Manager approval for works to commence
Other projects			
What they are:	Targets:	Progress to Date	Work planned for next three months
Waste minimisation	Waste Education NZ visits.	Moawhango, Whangaehu, Taihape Schools received lessons	Monitor and review teacher reports
Waste minimisation	Horizons Enviroschools programme.	Mataroa and Moewhango signaled intention to participate at introductory level (Friends) Huntermville commenced program	Facilitator to support Marton Child Care Centre to move to next level (silver) of engagement. Meet with South Makirikiri School.

Appendix 2

Service Request Breakdown for December 2018 - First Response

Service requests Department	Compliance current	responded in time	Grand Total
Public Toilets	2	4	6
Maintenance (public toilets)	2	4	6
Grand Total	2	4	6

Percentage responded in time 67%

Service request Breakdown for December 2018 - Resolutions

Service requests Department	Compliance completed in time	Grand Total
Public Toilets	6	6
Maintenance (public toilets)	6	6
Grand Total	6	6

Percentage completed in time **100%**

Service Request Breakdown for December 2018 - First Response

Service requests	Compliance	
Department	current	Grand Total
Stormwater	1	1
Stormwater blocked drain (non urgent)	1	1
Grand Total	1	1

Percentage responded in time100%

Service request Breakdown for December 2018 - Resolutions

Service requests	Compliance	
Department	overdue	Grand Total
Stormwater	1	1
Stormwater blocked drain (non urgent)	1	1
Grand Total	1	1

0%

0%

Service Request Breakdown for December 2018 - First Response

Service requests Department	Compliance overdue	responded in time	Grand Total
Wastewater	3	1	4
Caravan effluent dump station	3		3
Wastewater blocked drain		1	1
Grand Total	3	1	4

Percentage responded in time 25%

Service request Breakdown for December 2018 - Resolutions

Service requests Department	Compliance completed in time	overdue	Grand Total
Wastewater	1	3	4
Caravan effluent dump station		3	3
Wastewater blocked drain	1		1
Grand Total	1	3	4

Percentage completed in time **25%**

Service Request Breakdown for December 2018 - First Response

Service requests Department	Compliance current	overdue	responded in time	Grand Total
Water	2	3	21	26
Bad tasting drinking water			2	2
Dirty drinking water		1		1
HRWS maintenance required			3	3
HRWS No water supply	1	1	2	4
Location of meter, toby, other utility		1	1	2
No drinking water supply			4	4
Water leak - council-owned network, not parks or cemeteries	1		5	6
Water leak at meter/toby			4	4
Grand Total	2	3	21	26

Percentage responded in time

81%

Service request Breakdown for December 2018 - Resolutions

Service requests Department	Compliance completed in time	completed late	overdue	Grand Total
Water	20	1	5	26
Bad tasting drinking water	2			2
Dirty drinking water			1	1
HRWS maintenance required	3			3
HRWS No water supply	2		2	4
Location of meter, toby, other utility	1		1	2
No drinking water supply	3	1		4
Water leak - council-owned network, not parks or cemeteries	5		1	6
Water leak at meter/toby	4			4
Grand Total	20	1	5	26

Percentage completed in time

77%

Service Request Breakdown for December 2018 - First Response

Service requests Department	Compliance Current	Responded in time	Responded late	Grand Total
Footpaths	2	1		3
Footpath maintenance	2	1		3
Roads	13	9		22
Culverts, drains and non-CBD sumps	7	2		9
Potholes	1			1
Road maintenance - not potholes	4	6		10
Road signs (except state highway)	1			1
Rural berm mowing (including Taihape - see map)		1		1
Roadside Trees, Vegetation and Weeds	4	1		5
Rural trees, vegetation and weeds	1			1
Urban trees, vegetation and weeds	3	1		4
Street Lighting	3	1	1	5
Street lighting maintenance	3	1	1	5
Grand Total	22	12	1	35

Percentage responded in time

34%

Service request Breakdown for December 2018 - Resolutions

Service requests	Compliance				
Department	Completed in time	Completed late	Current	Overdue	Grand Total
Footpaths	2		1		3
Footpath maintenance	2		1		3
Roads	20		1	1	22
Culverts, drains and non-CBD sumps	8			1	9
Potholes	1				1
Road maintenance - not potholes	10				10
Road signs (except state highway)			1		1
Rural berm mowing (including Taihape - see map)	1				1
Roadside Trees, Vegetation and Weeds	1		4		5
Rural trees, vegetation and weeds			1		1
Urban trees, vegetation and weeds	1		3		4
Street Lighting	1	4			5
Street lighting maintenance	1	4			5
Grand Total	24	4	6	1	35

Percentage completed in time

69%

Service Request Breakdown for December 2018 - First Response

Service requests Department	Compliance Current	Overdue	Responded in time	Grand Total
Roads	4		4	8
Culverts, drains and non-CBD sumps	1			1
Road maintenance - not potholes	1		3	4
Road signs (except state highway)	1		1	2
Road surface flooding - danger to traffic	1			1
Roadside Berm Mowing		2		2
Urban berm mowing (see maps for Taihape)		2		2
Roadside Trees, Vegetation and Weeds			1	1
Rural trees, vegetation and weeds			1	1
Street Cleaning		1		1
CBD cleaning - Ratana		1		1
Street Lighting			1	1
Street lighting maintenance			1	1
Grand Total	4	3	6	13
Percentage responded in time			46%	

Service request Breakdown for December 2018 - Resolutions

Service requests Department	Cpmlance Completed in time	Current	Overdue	Grand Total
Roads	5	1	2	8
Culverts, drains and non-CBD sumps			1	1
Road maintenance - not potholes	3		1	4
Road signs (except state highway)	1	1		2
Road surface flooding - danger to traffic	1			1
Roadside Berm Mowing			2	2
Urban berm mowing (see maps for Taihape)			2	2
Roadside Trees, Vegetation and Weeds	1			1
Rural trees, vegetation and weeds	1			1
Street Cleaning			1	1
CBD cleaning - Ratana			1	1
Street Lighting	1			1
Street lighting maintenance	1			1
Grand Total	7	1	5	13

Percentage completed in time

54%



RANGITIKEI
DISTRICT COUNCIL

INFRASTRUCTURE GROUP REPORT

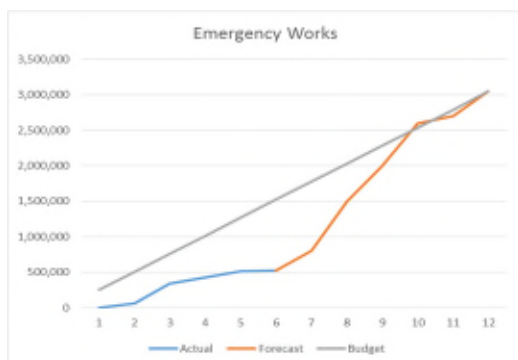
JANUARY 2019

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1 ROADING

1.1 EMERGENCY WORKS



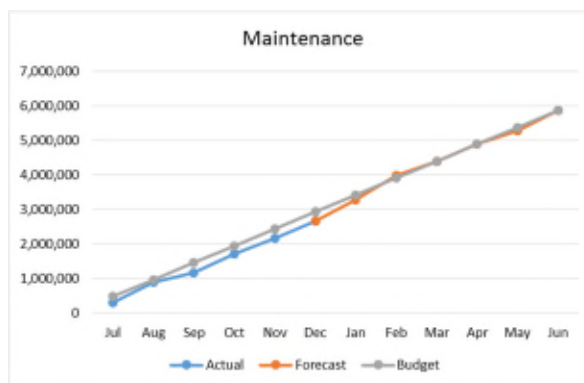
Turakina Valley Road -2 north of McLeays: the results from geotech testing was received in November. The testing has identified that there is a very wet layer 3m in depth that covers the site. Below this is firm material. The design will be reviewed using the new data.

Event	Phase	Completion Due
July-18, Turakina-3 south of Drysdale	Design and scoping report	Dec-18
Apr-18, Turakina-2 north of McLeays, dropout	Review the design and scoping report using new data	Feb-19
May-18, Swan St	Design and scoping report	Feb-19
May-18, Rangitane Bridge	Construction	Mar-19

1.2 MAINTENANCE

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

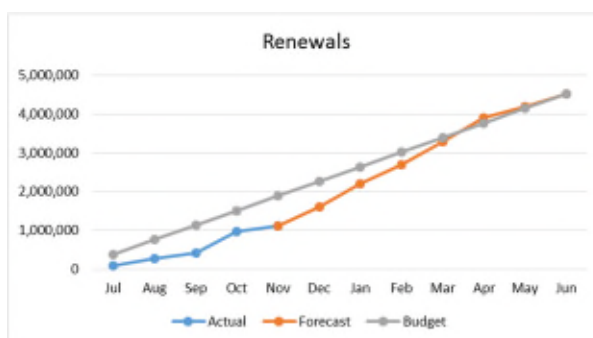
- Pre reseal repairs for next year's reseals is underway. The focus is on pavement, drainage and resilience work.
- Liaising with NZTA re their Renewal & Rehab programme



1.3 RENEWALS

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

- Chip seal designs have been completed. Chip sealing is scheduled to start in early January.



Sealed Road Resurfacing: There is approximately 51 kilometres of Sealed Road Surfacing programmed for this year.

Sealed Road Pavement Rehabilitation: This work provides for the replacement of, or restoration of strength to, sealed pavements where other forms of maintenance and renewal are no longer economic. The proposed projects for 2018-19 are;

Location	Length (m)	Start Construction	Completion Due
Mangahoe Road	1170	Jul 18	Feb 19
Parewanui Road RP 9420-9530	110	Apr 19	May 19
Spooners Hill Road	500	Feb-19	Mar-19
Taihape Napier Road 2	1840	TBC	TBC
Ratana Rd	500	Mar-19	Apr-19

1.4 ROAD IMPROVEMENTS

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



Location	Start construction	Completion Due
Pungatawa Road RP 6700 – widen blind corner with large drop-off. Deferred to align with the resealing programme.	TBC	TBC
Makirikiri Road RP2993-4634. Seal widening	TBC	TBC
Mangatipona/Kauangaroa/Okirae Road Intersection	Jan 19	Mar 19
Ruanui Road RP900-1200. Seal widening	TBC	TBC
Hautapu Street / Tui Street pedestrian crossings	Jan 19	Mar 19

Okirae Road Bluffs. Geotech assessment	TBC	TBC
Installation of LED luminaries	Dec 18	Jan 19

Bridge Replacements: This work provides for the upgrade or replacement of existing bridges and other road structures.

Location	Phase	Start	Completion Due
Otara Bridge: Strengthening	Construction	Aug 18	Nov 19
Brandon Hall	Capacity Assessment	Dec 18	Feb 19

Mangaweka Bridge

The funds to carry out the Pre-Implementation Phase have been approved by NZTA.

Rangitikei and Manawatu District Councils will now proceed with the Pre-Implementation Phase for the construction of a new 132m long steel plate girder bridge, 30m downstream of the existing bridge, on the basis that the existing bridge will be demolished. The Pre-Implementation Phase will include detailed design, property acquisition, and consenting.

Rangitikei and Manawatu District Councils will make the final decision on the future of the existing Mangaweka bridge after receiving feedback from affected parties during the Pre-Implementation Phase.

1.5 OTHER PROJECTS

Broadway Marton – Infrastructure Upgrade

Stage 2 – Signal to Lambert




This stage is complete.

Stage 3 Follett St Roundabout


Consultation was undertaken with business' in December affected by construction. The preferred start date was as early as possible in January 2019. This site is complex in nature due to the presence of the central business area and the number of underground services crossing the intersection. Threading new pipework between them will require considerable care.

The roundabout will be resurfaced in the 2019/20 programme.

1.6 HEALTH AND SAFETY

RDC - ZERO HARM REPORTING



LEAD INDICATORS

Type	Explanation	JUL	AUG	SEP	OCT	NOY	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-	2	1	1	2	3	2						
Positive Drug and Alcohol Tests	The total number of positive Drug and Alcohol test results in the period	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	2	3	3	3	3	2						
Site Health and Safety Audits	The total number of site Health and Safety Audits completed in the period by the	12	16	16	14	10	10						
Safety Briefing	The total number of Safety Briefings completed in the month including pre-starts,	5	4	4	4	4	3						
Near Miss (Close call)	The total number of Near Misses submitted in the month by the site team	0	1	1	1	0	0						
Traffic Management Inspection	Total number of audits completed by the designated Site Traffic Manager Supervisor	1	0	0	1	0	0						
Sub Contractor Review	Number of Sub Contract Reviews completed by the main Contractor in the period	0	1	0	0	0	0						
Stop Work Action	The number of occasions when work is suspended proactively due to a member of the	0	0	0	0	0	0						
Positive Reinforcement	The number of occasions the site team have been congratulated of a proactive action or	1	0	0	1	1	0						

LAG INDICATORS

Type	Explanation	JUL	AUG	SEP	OCT	NOY	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						
Notifiable Injuries	Any incident required under H&S Legislation to be reported to a Statutory Authority e.g.	0	0	0	0	0	0						
Lost Time Injuries	Any work related injury or illness certified by a Medical Praotitioner and compensable under	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						
First Aid Injuries	Treatment administered by and within the qualifications of a trained first aid attendant or	0	0	0	0	1	0						
Recordable Injuries	NO NOT COMPLETE	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	0	0	0	0	0	0						
Service Strikes	Contact with an above ground or buried service resulting in damage or potential damage to the	1	0	0	0	0	0						
Property Damage	Contact with third party property resulting in damage	0	2	0	0	1	0						

1.7 FINANCIAL TRACKING

Maintenance			Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
141. Emergency Works		Actual												
Sep-18	685,000													
Jun-18 incl Rangitane & Kawhatau	243,000													
May-18 incl Swan St & TV-2	907,000		358		186,848	270,313	299,907	309,800						
Jul-13/14-2017 (Snow)	704,963			27,982	119,122	119,122	138,256	138,256						
Jun-15	105,118			4,508	4,508	8,295	36,399	36,399						
Apr-17 (Debbie) FAR 63	335,867			26,778	26,778	26,778	36,746	36,746						
Apr-17 (Debbie) FAR 83	64,925													
Emergency Works - Totals		3,045,873	Actual	358	59,268	337,256	424,508	511,308	521,201					
			Forecast					521,201	800,000	1,500,000	2,000,000	2,600,000	2,700,000	3,045,873
			Budget	253,823	507,646	761,468	1,015,291	1,269,114	1,522,937	1,776,759	2,030,582	2,284,405	2,538,228	2,792,050
Maintenance														
111 Sealed Pavement Maintenance	1,195,000		26,017	28,207	30,154	133,842	202,689	424,373						
112 Unsealed Pavement Maintenance	354,100		20,045	40,978	59,709	79,631	99,168	118,095						
113 Routine Drainage Maintenance	990,000		109,957	235,569	308,156	378,706	427,214	463,684						
114 Structures Maintenance	162,400		5,851	12,218	18,985	27,609	36,753	43,107						
121 Environmental Maintenance	900,000		92,141	335,055	406,564	516,105	663,956	742,000						
122 Traffic Services Maintenance	400,000		18,503	36,123	52,395	76,423	101,089	119,803						
124 Cycle Path Maintenance	1,000		0	0	0	0	0	0						
125 Footpath Maintenance	348,800		24	362	352	20,952	39,436	55,463						
131 Level Crossing Warning Devices	15,000		0	0	0	0	0	0						
140 Minor Events	370,000		3,406	13,501	13,501	13,501	13,501	13,501						
151 Network & Asset Management	1,148,000		50,095	201,900	291,823	480,603	598,504	692,829						
Maintenance - Totals		5,884,300	Actual	326,039	903,913	1,181,639	1,727,372	2,182,310	2,672,855					
			Forecast					2,682,305	3,300,000	4,000,000	4,400,000	4,900,000	5,300,000	5,884,300
			Budget	490,358	980,717	1,471,075	1,961,433	2,451,792	2,942,150	3,432,508	3,922,867	4,413,225	4,903,583	5,393,942
Renewals														
211 Unsealed Roads Metalling	410,000		58,179	164,482	204,992	224,810	224,810	224,810						
212 Sealed Roads Resurfacing	1,630,700		0	0	0	126,988	126,988	126,988						
213 Drainage Renewals	600,000		19,161	60,232	68,111	109,601	122,831	178,926						
214 Sealed Road Pavement Rehabilitation	1,351,800		467	22,628	93,026	395,927	517,532	610,134						
215 Structures Component Replacements	341,500		0	3,475	7,135	35,587	42,514	42,851						
222 Traffic Services Renewal	190,000		3,094	12,571	36,530	68,073	76,845	78,443						
Renewals - Totals		4,524,000	Actual	80,901	263,388	409,794	960,986	1,111,520	1,262,152					
			Forecast					1,262,152	2,000,000	2,700,000	3,300,000	3,900,000	4,200,000	4,524,000
			Budget	377,000	754,000	1,131,000	1,508,000	1,885,000	2,262,000	2,639,000	3,016,000	3,393,000	3,770,000	4,147,000
Road Improvements														
322 Mangaweka Br Repl - Detailed BC	18,350							18,350						
322 Mangaweka Br Repl - Detailed BC - NLTF	810,000						253,461	259,961						
324 Road Improvements							6,337							
324 Road Improvements (LED's)	102,650			72,084	91,405	91,405	179,934	91,405						
325 Taihape Napier Road Seal Extn	35,036						3,763	5,475						
341 Low Cost Low Risk Improvements	1,600,500				663,087	791,117	644,705	844,639						
357 Resilience Improvements	(incl the line above)													
Renewals - Totals		2,566,536	Actual	0	72,084	754,492	882,522	1,088,200	1,219,830					
			Forecast					1,219,830	1,500,000	1,700,000	1,900,000	2,100,000	2,350,000	2,566,536
			Budget	213,878	427,756	641,634	855,512	1,069,390	1,283,268	1,497,146	1,711,024	1,924,902	2,138,780	2,352,658
Walking/Cycling, Public Transport														
451 New Footpaths	120,000													
452 Cycling facilities	1,500													
514 Public transport facilities O & M	5,500													
Renewals - Totals		127,000	Actual											
			Forecast	0	0	0	40,000	50,000	70,000	70,000	80,000	95,000	110,000	127,000
			Budget	10,583	21,167	31,750	42,333	52,917	63,500	74,083	84,667	95,250	105,833	116,417

2 UTILITIES BUDGETS

3 Waters - RDC LTP Budget 18/19 FY				Budget book	LTP Budget	INF Projects	GL	Budget Allocations	Total Budget	Current expense	Total Expense	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Key				
Sewerage Renewals																											Design & Investigation	
Wastewater Reticulation - New Works					75,000	75,000																						Tendering
Wastewater Reticulation - O&M (WWTP minor upgrades)					40,000	40,000																						Construction
Wastewater Reticulation - Renewals:				500,000	500,000																							Capitalisation
Bulls High Street LTP																												
Sewer relining - district						500,000	6070188305	500,000		5,100																		
Wastewater Treatment - Renewals LTPid54:				3,919,000	5,219,000		6070188306	3,919,000		0																		
Wastewater Treatment - Renewals LTPid89:				1,300,000			6070188307	1,300,000		0																		
Project A - Consents other						219,000																						
Project B - Taihape consenting and upgrade						800,000																						
Project C - Mangaweka consenting and upgrade						50,000																						
Project D - Hunterville consenting and upgrade						100,000																						
Project E - Ratana land purchase LTP						600,000																						
Project F - Ratana land disposal consent						200,000																						
Project G - Ratana irrigation						500,000																						
Project H - Ratana treatment renewals and consent LTP						300,000																						
Project I - Infiltration reduction through relining programme LTP						650,000																						
Project J - Marton WWTP replacements to match diversion						700,000																						
Project K - Land purchase for Marton (Bulls) LTP						700,000																						
Project L - Papakai pump station - Taihape LTP						400,000																						
Project M - Pipeline Marton to Bulls LTP				1,565,890	1,565,890	1,565,890	6070188308	1,565,890		0																		
Total Sewerage Renewals				7,284,890	7,399,890	7,399,890																						
Sewerage New Works																												
Minor works at WWTPs				50,000	50,000	50,000	6070177105	50,000		6,620																		
Total Sewerage NW				50,000	50,000	50,000	WW		7,334,890		11,720																	
Stormwater Drainage Renewals																												
Stormwater Reticulation - Renewals:				507,977	507,977	4,977	6050176163	507,977		28,980																		
Marton – Wellington Road drain LTP						245,000																						
Marton – Harris/Pukepapa drain LTP						258,000																						
Total Stormwater Renewals				507,977	507,977	507,977																						
Stormwater Drainage New Works																												
Stormwater Reticulation - New Works:				750,000	750,000		6050177363	750,000		0																		
Scotts Ferry LTP						500,000																						
Hunterville drainage - Ongo Road						10,000																						
Marton – Russell St catchment LTP						95,000																						
Marton – Wilson Place LTP						75,000																						
Taihape –Paradise Walkway LTP - (includes water)						120,000																						
Total Stormwater NW				750,000	750,000	800,000	SW		1,257,977		28,980																	

3 Waters - RDC LTP Budget 18/19 FY	Budget book LTP Budget	INF Projects	GL	Budget Allocations	Total Budget	Current expense	Total Expense	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Key
Water Supply Renewals																				Design & Investigation
District:																				
District - Water Treatment O&M (includes Marton Dam) LTP	90,000	90,000	90,000	6060176312	90,000	0														Tendering
Erewhon Rural - Water Reticulation Renewals LTP		120,000	120,000																	Construction
Erewhon Rural - Water Treatment Renewals LTP																				Capitalisation
Huntermville Rural - Water Reticulation Renewals		25,000	25,000																	
Huntermville Rural - Water Treatment Renewals	25,000	20,000	20,000	6060176301	25,000	17,612														
Huntermville Urban - Water Reticulation Renewals																				
Huntermville Urban - Water Treatment O&M		15,000	15,000																	
Huntermville Urban - Water Treatment Renewals		10,000	10,000																	
Omatane Rural - Water Reticulation Renewals		6,000	6,000																	
On-going selected renewals (district)	50,000	50,000	50,000	6060176311	50,000	0														
WTP critical asset component replacements	135,000	135,000	135,000	6060176313	135,000	47,422														
Water Reticulation Renewals – District-wide:	550,000	550,000		6060176314	550,000	0														
Bulls State Highway 1 – renewal of mains LTP			250,000																	
Huntermville Water Supply upgrade LTP																				
Bulls water strategy			1,375,682																	
Taihape Reticulation:	1,550,000			6060176121	1,550,000	165,655														
Taihape (Hautapu River) – resource consent renewal LTP																				
Mataroa Road		350,000	510,000																	
Taihape PRV replacement			330,000																	
Taihape falling main replacement LTP		1,200,000	950,000																	
Taihape falling main replacement (Stages 4 & 5)			23,000																	
Taihape falling main replacement (Stages 6, 7 & 8)			10,000																	
Taihape reservoir			75,000																	
Taihape Renewals - see list below:																				
Taihape Takahe Street LTP			0																	
Taihape watermain renewals - Package 1																				
Taihape Kokako Street LTP			190,000																	
Taihape Wren Street LTP			116,000																	
Taihape Lark/Swan Street LTP (Pukeko/Swan)			170,000																	
Taihape - Moa St			0																	
Taihape - Kawanu St			0																	
Mangaweka Rising Main LTP			130,000																	
Taihape (Hautapu River) – resource consent renewal																				
Marton Reticulation:	1,690,866			6060176103	1,690,866	36,288														
Marton – pipe replacement programme (ongoing) LTP		250,000	375,000																	
Wellington Road 200m LTP																				
WTP and Dam renewals		1,440,866	100,000																	
Clarifiers strengthening/replacement																				
Calico Line treatment to potable standard			600,000																	
Filter upgrade continuation			150,000																	
Marton WTP dewatering			300,000																	
Tuatenui Trunk main replacement - design LTP	1,375,682	1,375,682	75,000	6060176316	1,375,682	0														
Marton pipeline renewals for discoloured water																				
Total Water Supply Renewals	5,466,548	5,637,548	6,200,682																	
Water Supply New Works																				
New connections, metering and backflow:																				
District Reticulation:	87,500			6060176202	87,500	0														
Reticulation network improvement and rider mains		43,750	43,750																	
Minor works at Urban WTPs		43,750	43,750																	
Water treatment improvements	45,000	45,000	45,000	6060176315	45,000	0														
Huntermville Urban - Water Treatment New Bore	908,511	908,511	908,511	6060177301	908,511	64,650														
Total Water Supply NW	1,041,011	1,041,011	1,041,011	WS		6,507,559	331,626													
Grand Total	15,100,426	15,386,426	15,999,560		Grand Total		372,326													

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 is the consent holder have been shown.

Table 1: Consent Compliance – Water Supply

Scheme	Compliance January 2019	Comments	Actions
Marton	Water abstraction consents. Compliant	-	-
	WTP discharge consent.	New consent granted 6 November 2018	New meter to be installed on discharge pipe.
Taihape	Compliant	-	
Bulls	Compliant	-	-
Mangaweka	Compliant		
Ratana	Compliant		
Erewhon Rural	Compliant	-	-
Hunternville Rural	Compliant	-	-
Omatane Rural	Compliant	-	-

3.1 WATER SUPPLY – DRINKING WATER STANDARDS COMPLIANCE

Table 2 shows the compliance of each water supply scheme against the Drinking-Water Standards for New Zealand 2005 (Revised 2008). Only those schemes for which Rangitikei District Council is assessed have been shown.

Health related potable water limits are being achieved at all of the treatment plants.

DWSNZ 2005 (Revised 2018) come into effect from 1 March 2019.

Table 2: DWSNZ Compliance

Scheme	Compliance January 2019 – Bacteria	Compliance January 2019 – Protozoa
Marton		
	Bacteria /E-coli Compliant : Not Detected	Protozoa/ UVT Achieved <95% validation Non-compliant
	Bacteriological compliant. Protozoa non-compliance due to UV. Major Treatment incident in Marton which has been investigated.	
Taihape		
	Bacteria /E-coli Compliant : Not Detected	Protozoa/ UVT Achieved <95% validation Compliant: 99.99%
	Bacteriological and protozoa compliant	
Bulls		
	Bacteria /E-coli Compliant : Not Detected	Protozoa/ UVT Achieved <95% validation Non-compliant for Month
	Bacteriological compliant. Protozoa Compliant 30 days of month. 32 mins on UV transmittance	
Mangaweka		
	Bacteria /E-coli Compliant : Not Detected	Protozoa/UVT Achieved < 95% validation Non-compliant for month UVT Compliant 100 %
	Bacteriological compliant. Protozoa Compliant for 30 days of month. 8 mins on cartridge filter turbidity	
Ratana (New bore)	Bacteria/E-coli Compliant : Not Detected	Protozoa Achieved Compliant: 100 %
	Protozoa Compliant. Bacterial compliant for 29 days. Issues with FAC on two days.	
Huntermville Urban	Bacteria /E-coli Compliant : Not Detected	Protozoa Not Achieved UVT Compliant – 100%
	Differential Pressure issues with cartridge filter 96% compliant needs to be 100%	

3.2 SECTION 69Z OF THE HEALTH ACT 1956

Pursuant to s69Z the Health Act 1956 Water Safety Plans must be in place for all plants. As a result of the Havelock North review additional critical control points need to be added to the Water Safety Plans.

The Water Safety guidelines were released late last year with a Water Safety Hand Book due to be released prior to April 2019. The Drinking Water Assessor has advised Council Staff to wait until the end of March 2019 before updating the Water Safety Plans on this basis.

Critical control points have been identified for the six water supplies identified below. This information will be utilised in the water Safety Plans that are due to be drafted in April 2019.

Table 3 shows the status of the Water Safety Plan, at the end of January 2019, for each plant; the status of the Annual Review for each plant; the expiry date of each Water Safety Plan; the plan going forward to ensure compliance; and the progress made in the reporting period.

Table 3: Health Act Compliance – Status of Water Safety Plans

Plant	Water Safety Plan Status	Annual Review Status	Expiry Date	Plan Going Forward	Progress
Bulls	Approved June 2016	Review underway	June 2021	Schedule Plan development in April 2019	Critical control points Identified
Huntermville Urban	Approved June 2017	Review under way	May 2022	Schedule Plan development in April 2019	Critical control points Identified
Mangaweka	Approved June 2017	Review underway	May 2022	Schedule Plan development in April 2019	Critical control points identified
Marton	Approved December 2015	Up to date. Due next in December 2020	December 2020	No immediate action required	Critical control points identified
Ratana	No Water Safety Plan in place at present*			Schedule Plan development in April 2019	Commissioned.
Taihape	Approved October 2015	Up to date. Due next in October 2020	October 2020	No immediate action required	Critical control points identified

- * Permanent population below 500 so a water safety plan is not compulsory.

3.3 WASTEWATER

Compliance against consents, is shown per wastewater treatment plant (WWTP) in the Table 4 below.

Ongoing consultation with Horizons continues to occur. Horizons has a level of comfort with the three non compliances identified below for the following reasons:

- The non compliances are limited to discharge volume ;
- Applications to increase the discharge volumes are currently being worked on for these three sites;
- Compliance with in river limits are being achieved.

Table 4: Consent Compliance – Wastewater Treatment Plants

Scheme	Compliance January 2019	Comments	Actions
Marton	Non-Compliant	Non-compliant for Turbidity downstream	Project team working on application for Bulls/Marton centralisation due to be submitted in May 2019
Taihape	Non-Compliant	Non-compliant with discharge volume condition	Regular consultation with Horizons continues to occur.
Bulls	Compliant		Project team working on application for Bulls/Marton centralisation due to be submitted in May 2019
Mangaweka	Non-Compliant	Non-compliant for E-coli	Check process and discharge meter
Huntermville	Compliant		Regular consultation with Horizons continues to occur.
Ratana	Compliant		Consultation associated with consent application commenced.
Koitiata	Compliant		

New Zealand Defence Force have requested Rangitikei District Council to consider taking their wastewater from Ohakea Air Base to the Bulls Wastewater Treatment Plant. Further consultation is required to finalise details associated with a proposed trade waste agreement.

4 SOLID WASTE

4.1 SOLID WASTE INSPECTIONS

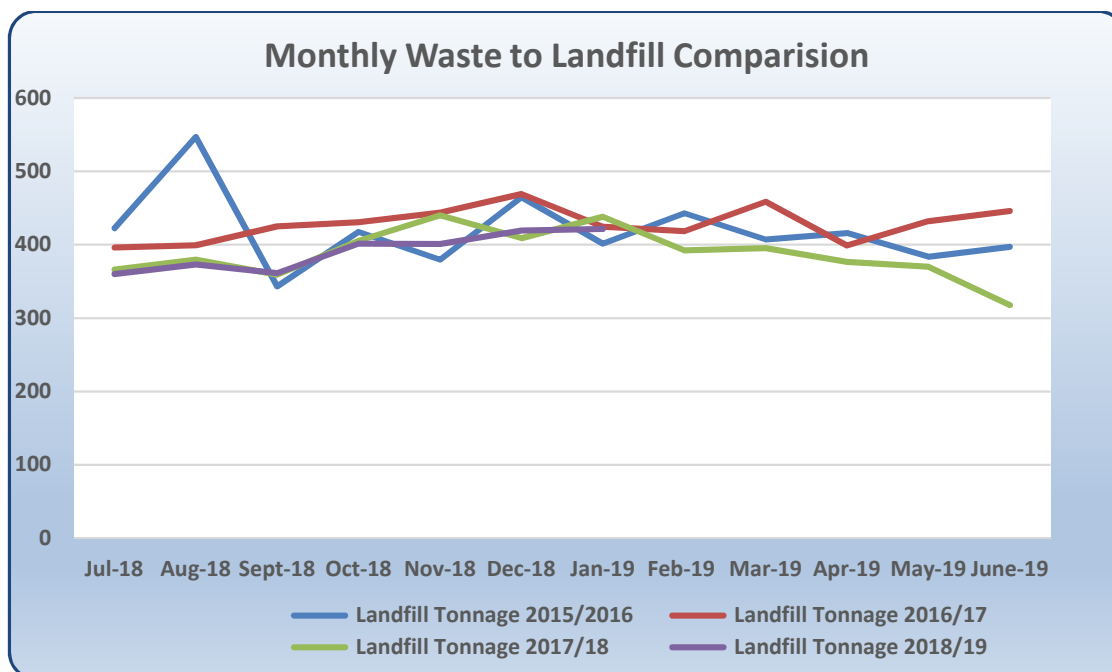
Marton Transfer Station

An inspection was carried out in December on Marton Waste Transfer Station (MWTS). The site was in a good condition. Lawns and trees require maintenance by contractor. An engineered step and platform is required for the waste oil access area. Greenwaste disposal education is required for compliant uncontaminated greenwaste.

4.2 WASTE TRANSFER STATION MONTHLY TRENDS

Monthly Waste to Landfill

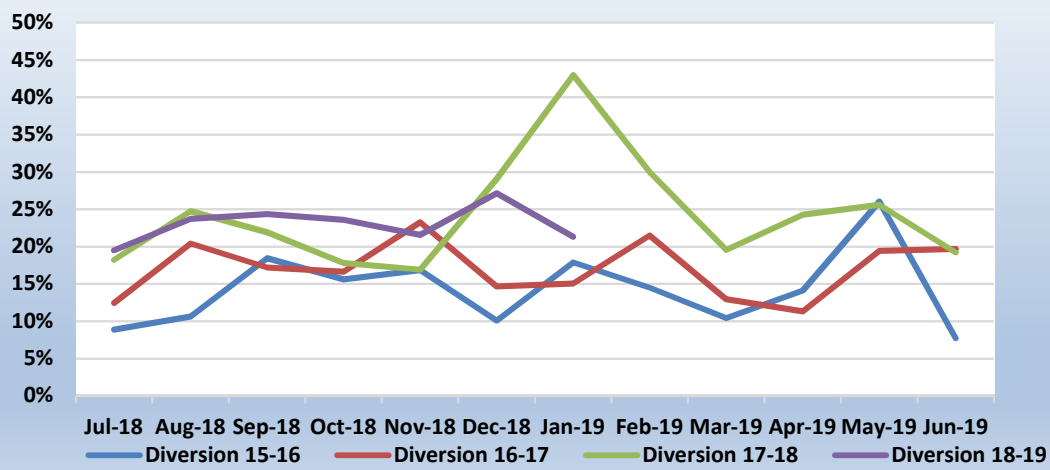
Volumes to landfill are higher than the previous year's monthly annual tonnages (2017 @ 409 tonnes). December's 2018 amount peaking at 419 tonnes. January 2019 saw 421 tonnes to landfill (2018@ 438 tonnes).



Diversion Comparison

The diversion comparison measures the amount of waste diverted from the landfill for recycling or reuse. Total diverted waste (recycling) is lower than December 2017 (29%) with the December 2018 rate sitting at 27% diversion (156 tonnes). January's diversion sits at 21% (114 tonnes). The difference is most likely due to less greenwaste transported to Feilding than previous year.

Diversion Comparision



Appendix 1

ROADING AND FOOTPATHS GROUP OF ACTIVITIES 2018/19					Jan-19
Major programmes of work outlined in the LTP 2018/28					
Pavement Rehabilitation	Route Position Length	Status	Start date	Completion date	Planned for the next two months
Rehabilitation of 6.52 km of existing sealed roads subject to Project Feasibility Reports to determine validity for progressing to the design and construction phase.					
Mangahoe Road	RP 3.995 - 5.157	Pavement construction currently underway	Jul-18	Feb-19	Construction In Progress.
Parewanui Road/Ferry Road	approx 500m2	Intersection to Works - AC		Apr-18	This project now complete.
Parewanui Road	RP 9.7 - 9.9	Bought forward from the 19/20 year	Mar-19	Apr-19	Commence construction.
Ratana Road	RP 0.02 - 0.53	Bought forward from the 19/20 year	Apr-19	May-19	Final design complete.
Spooners Hill Road	RP 1.7 - 2.2	Final Design	Feb-19	Apr-19	Commence Construction
Taihape Napier Road 2	RP 3.83 - 5.67	Programmed now for the 19/20 year			Deferred to the 19/20 year
Pukepapa Road - (Reserve project)	RP 3.28 - 4.80	Programmed now for the 19/20 year			Deferred to the 19/20 year
Pavement Seal widening		Status	Start date	Completion date	Planned for the next two months
Makirikiri Road	RP 2.993 -4.633	subject to preliminary design.	TBC	TBC	Design aspects currently underway
Mangatipona/Kauangaroa/Okirae Road Intersection	At the intersection of these roads length approx 700m	Final design completed	Feb-19	Mar-19	Construction
Ruanui Road	RP 0.425 - 1.575	subject to preliminary design.	TBC	TBC	Awaiting planning confirmation
Bridge Replacement	Design/ Scoping	Tender/Contract docs	Under construction	Complete	Planned for the next two months
Mangaweka Bridge	Business plan complete.	Pre-Implementation phase expected to take 10 months			Planned completion of the pre-implementation phase October 2019.
Te Kapua Bridge	Design being worked on.				Completed 2017/18
Bridge Strengthening	Design/ Scoping	Tender/Contract docs	Under construction	Complete	Planned for the next two months
Kakariki Bridge	Design being worked on		Sep-18	Dec-18	Was recently assessed to be capable of taking HPMV's. Consideration of strengthening deferred to 2021-24.
Moawhango Bridge	Design being worked on.		Sep-18	Apr-19	Currently being assessed; results due prior to Christmas.
Otara Road Bridge	Report to Council for this bridge completed.	Construction	Aug-18	Nov-18	Completed.
Street Lighting	Design/ Scoping	Tender/Contract docs	Under construction	Complete	Planned for the next two months
Accelerated renewal programme of LED carriageway lighting	Stages 1&2 completed.	The only Non LED lights remaining after the completion of stage 3 will be a handful of lights for Parks and Reserves, some decorative lights for Marton, Taihape & Bulls plus some pedestrian crossings. There is money in year 2 and 3 of NZTA budget excluding Parks and Reserves.	Aug-18	Feb-19	Stage 3 (higher use roads in Marton) will be complete by mid February.
Carry forward programmes from 2017/18					

Taihape Mataroa Road/SH1, footpath renewal	various locations	Targeted maintenance			This site now complete.
Taihape Kuku Street, footpath renewal	site under investigation and design.				Proposal to move to the 19/20 year
Taihape Robin Street, new footpath	Design completed.		TBC	TBC	Initial design for this site being reassessed. Scope indicates high cost.
Bulls: Parewanui Road – seal widening – location subject to Safety Study	RP 3.0 - 8.0 approx.		TBC	TBC	Complete analysis of the Safety study report.
Turakina Valley Road 3 Bridge 45 Concrete Ford, RP 6000	Brought forward from the 2019/20 programme and was incorporated with the James Road emergency works project		Mar-18	May-18	This project now complete.
Repairs to damage from Debbie event April 2017	Designs completed.				All sites attributed to Event Debbie now complete.
Repairs for damage to network arising from the July 13/14 2017 event.	Further investigation required for the one remaining site.	TV2 Drysdale site only one remaining.			Further investigation required for the Drysdale site on TV2.
Taihape-Napier Road - Professional services and resource consenting for three large Armco culverts in Taihape-Napier Road which require concrete linings to rusted inverts.	Consultant being sought to design and scope the work to address these culverts.		TBC	TBC	Design to address the problems with these culverts about to be implemented.

Carry forward programmes to future years					
Bulls: Parewanui Road, pavement rehabilitation	RP. 5820-7780; 1960m	Deferred to the next 3 year funding block (21/23) as a safety project	TBC	TBC	Complete PFR
Turakina Valley Road 3 (Otairi) RP 2075 – guardrail to bridge approaches	Deferred to 2019/20 to be carried in conjunction with a pavement rehab				Deferred to 2019/20
Turakina Valley Road 3 (Otiwhiti) RP 3040 – replace wire rope barrier with guardrail	Deferred to 2019/20 to be carried in conjunction with a pavement rehab				Deferred to 2019/20
Taihape Kiwi Road, footpath renewal	Site under investigation and design.	Deferred to 19/20.			Deferred to 2019/20
Taihape Kuku Street, footpath renewal	site under investigation and design.	To align with the K&C programme.			Proposal to move to the 19/20 year

WATER SUPPLY GROUP OF ACTIVITIES 2018/19				Jan-19
Major programmes of work outlined in the LTP 2018-28				
Projects	Design/ Scoping	Tender/Contract docs	Under construction	Complete
Marton - pipe replacement programme (ongoing)	Broadway Stages 2 & 3	Work to start early October	Stage 2 is complete with Stage 3 underway.	
Bulls State Highway 1 - renewal of mains	GHD is in the process of completing the design of 150mm dia. rising main from Holland Crescent to High Street	Stage 1 of Bulls water Strategy completed by GHD. Meeting with Higgins to define extent of NZTA road rehabilitation project. Working with NZTA and Higgins to determine assets at risk and potential cost share arrangement	Negotiation with NZTA has stalled, we have supplied additional information regarding upsizing and betterment cost breakdown. Once we have received confirmation from NZTA, we can organise contractor to undertake work.	
Taihapa (Hautapu River) - resource consent renewal	Draft consent with Horizons			
Hunternville Water Supply upgrade	In the final year of Capital assistance Programme, funding was received from the Ministry of Health to enable a new source of water to be developed for the Hunternville Urban water supply. This project is to sink an exploratory borehole on council land on Paraekaretu St to determine water quality and availability	Completed	Interdrill are on site and 60m of conductor casing is in place. Completion date mid April.	
Water Reticulation Renewals - District wide				
Erewhon				
Taihapa Falling main	Design for next stage underway			
Taihapa Kokako Street	Renewal of 380m 150mm dia steel watermain	RFT underway October 2018 - Package 1	B Bullocks have been awarded contractor and due to start work Feb 2019.	
Taihapa Wren Street	Renewal of 175m of 100mm dia steel watermain from 8-21 Wren St	RFT underway October 2018 - Package 1	B Bullocks have been awarded contractor and due to start work Feb 2019.	
Taihapa Lark/Swan Street	Renewal of 188m of 100mm dia cast iron watermain from Pukeko St to Swan St	Design underway, can combine with Mangaweka project		
Mangaweka Rising Main	Scope to be confirmed	Design underway, delays caused by alignment change and consultation required with NZTA and kiwirail		
Marton Tutaenui Rd Trunk Main (Survey and design)	Priority to be reviewed - scope of project to be reviewed and updated			
Marton Wellington Road 200m	Scope to be confirmed	Spoken with Operations and this main has been repaired already.		No Further work required.

Taihape reticulation – falling main (stage 4)	Renewal of 810m of 225mm dia steel raw water falling main. Design process underway	Tender document currently under review, anticipate contract to be tendered early November with report to be presented to Council in December.	Project underway. Pricing requested for additional thrusting works.	
Marton: Broadway duplication (Stages 2 & 3)	Stage 2 - Signal Street to Lambert and Stage 3 - Follett Street Roundabout	Work underway.	Stage 2 is complete with Stage 3 underway.	
Major Projects Carry over from 2017/18				
Projects	Design/ Scoping	Tender/Contract docs	Under construction	Complete
Taihape reticulation – falling main (stage 3) (\$1,119,987)	Renewal of 832m of 225mm dia steel raw water falling main	WIP	Completed	Complete
Taihape: Mataroa Road – water main renewal (\$470,786)	Renewal of 963m 225mm dia steel watermain along SH1 from Goldfinch to Linnet Street.	Design underway -timing of RFT tbc. May hold to next financial year due to budget restraints.		
Taihape: Mataroa Road – trunk main and rider main renewal (\$42,853)	Renewal of 304m of 100mm dia steel watermain outside motel	Design underway -timing of RFT tbc. May hold to next financial year due to budget restraints.		
Taihape: Kawau Road water main renewal (\$15,959)	Renewal of 73m of 100mm dia AC watermain from 2-8 Kawau St	Design being finalised and work prioritised.		
Bulls: physical works to replace one of the two Trickers Hill reservoirs and seismic strengthening work (\$933,000)	New reservoir at Trickers, seismic strengthening of Concrete building and filter at Bridge St (est. \$100-\$200k) and possible strengthening of mushroom at Bulls. New reservoir to be minimum 900m³, preferably 1200m³, with new access track on legal title. Seismic assessment of mushroom indicates \$300-\$400k of strengthening work required. Money available will depend on cost of new reservoir and a requirement for the mushroom to remain as a feature of Bulls. Annual Plan budget – renewals to reservoirs and lift pumps (\$757,000 for seismic strengthening). Physical works (\$933k) deferred to 17/18 as part of revised 16/17 budget allocation	(1) Investigation underway, in discussions with landowner for reservoir, Access and easements required. Road design completed but works on hold until outcome of Stage 2 report. (2) Seismic analysis will be handled as part of larger contract. Lift pump options being investigated. (2) stage 2 for Bulls water strategy underway looking at alternative options for water supply and reticulation needs. (3) Seismic strengthening of Bulls Mushroom no longer required.		
Marton: seismic strengthening of clarifier (\$225,000), poly machine renewals and rotork valves etc. (\$70,000)	Detailed seismic investigation underway	Tender awarded to Calibre. Initial design completed, but on hold until water strategy completed between Marton & Bulls. Bulls water strategy including supply options underway with GHD	Investigation only	

Taihape: water treatment plant seismic strengthening and roof replacement on reservoir (\$604,000)	Reservoir deemed earthquake prone requiring \$200-\$300k of earthquake strengthening. Reservoir is also in need of new roof supporting structure	Tender awarded to Calibre. Initial design completed. Scope has changed to seismic strengthen existing Reservoir and decrease storage capacity		
Taihape: WTP Structural repairs as a result of seismic assessment (\$129k)	Reservoir deemed earthquake prone requiring \$200-\$300k of earthquake strengthening. Reservoir is also in need of new roof supporting structure. Investigate option of a new reservoir to replace existing and report by 30 September 2016. Work may be required over two years	Tender awarded to Calibre. Initial design completed. Scope has changed to seismic strengthen existing Reservoir and decrease storage capacity		
Bulls: Design and construction of new reservoir as a result of seismic assessment (\$633k)	New reservoir at Trickers, seismic strengthening of Concrete building and filter at Bridge St (est. \$100-\$200k) and possible strengthening of mushroom at Bulls. New reservoir to be minimum 900m³, preferably 1200m³, with new access track on legal title. Seismic assessment of mushroom indicates \$300-\$400k of strengthening work required. Money available will depend on cost of new reservoir and a requirement for the mushroom to remain as a feature of Bulls. Annual Plan budget – renewals to reservoirs and lift pumps (\$757,000 for seismic strengthening). Physical works (\$933k) deferred to 17/18 as part of revised 16/17 budget allocation.	(1) Investigation underway, in discussions with landowner for reservoir, Access and easements required. Road design completed but works on hold until outcome of Stage 2 report. (2) Seismic analysis will be handled as part of larger contract. Lift pump options being investigated. (2) stage 2 for Bulls water strategy underway looking at alternative options for water supply and reticulation needs. (3) Seismic strengthening of Bulls Mushroom no longer required.		
Marton: Broadway duplication (\$140k)	Programme was for 2015-2016 ahead of major Roothing work; approx. 460 m between High St and Signal St; duplicate existing 150 mm AC on east side with new 150 mm on west side. Design only and defer to year 6 or later to align with replacement of AC main. Stage 1- Follett to Signal block, upsizing from 150 mm to 200 mm to align with 2017/2018 roading programme	Tender awarded to I D Loaders 31 August 2017, watermain and stormwater have been installed. Western side now complete and have started work on the Eastern side	Completed	Stage 1 - Completed

Ratana; water supply upgrade - new reservoir, bore and treatment system. (Est \$1.6M)	Water treatment system under design	Water treatment building Tender awarded to Kiwispan Ltd. (est\$130k) Water treatment processing awarded to Filtec. (est \$630k). Application made to Ministry for extension of time to complete works June 2016 - Approved	Filtec back onsite early October to undertake remedial works on the iron exchange tanks	Complete
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SEWERAGE AND THE TREATMENT AND DISPOSAL OF SEWAGE GROUP OF ACTIVITIES 2018/19				Jan-19
Major programmes of work outlined in the LTP 2018-28				
Projects	Design/ Scoping	Tender/Contract docs	Under construction	Complete
Marton and Bulls combined Wastewater Scheme: Pipeline Marton to Bulls ; Land purchase	Design underway, steering group recommendation was forwarded to AIN and now adopted by full Council			
Ratana Wastewater Treatment Plant Upgrade	See Infrastructure Group Report			
Taihape - Papakai Rd Wastewater Reticulation	Scope to be confirmed			
Wastewater Reticulation Renewals - District wide				
Bulls High street	2018/2019 programme to be prioritised			
Infiltration reduction through relining programme	2018/2019 programme to be prioritised and work tendered	Tender recommendation and award at next Council meeting.		
Other major programmes of work carried over from 2017/18				
Projects	Design/ Scoping	Tender/Contract docs	Under construction	Complete

STORMWATER GROUP OF ACTIVITIES 2018/19

Jan-19

Major programmes of work outlined in the LTP 2018-28				
Projects	Design/ Scoping	Tender/Contract docs	Under construction	Complete
Stormwater Reticulation Renewals and Improvements - District wide				
Scotts Ferry - new drainage system (\$505,000)	concept complete, Joint procurement project with MDC for Tangimoana Beach. Detailed design commenced.			
Marton - Harris/Pukepapa drain (258,000)	Waiting on planned start date for drain cleaning to be done. Looking at option of using roading maintenance contractor to undertake works on our behalf.			
Marton - Russell St catchment (\$95,000)	Stormwater design underway for Marton Hotspots through to outlet, will confirm priorities of catchment 1&2 and progress with starting at outlet. Concept plan for Marton Stormwater due mid February.			
Marton - Wilson Place (\$75,000)	Stormwater design underway for Marton Hotspots through to outlet, will confirm priorities of catchment 1&2 and progress with starting at outlet. Concept plan for Marton Stormwater due mid February.			
Marton - Wellington Road drain (\$245,000)	Stormwater design underway. We have determined location of new pipe and going through process of Easement. We have arranged a meeting with Horizons early Feb and from here we can confirm design and location of outlet pipe.			
Taihape - Paradise Walkway \$80,000)	Design underway			
Programmes Carried over from 2017/18				
Projects	Design/ Scoping	Tender/Contract docs	Under construction	Complete
Marton: renewal of stormwater reticulation in Milne Street (\$80,000).	Renewal of 450mm dia culvert between 2-17 Milne Street Marton as existing main assessed as condition 5 (very poor)	Investigation underway, CCTV of pipe shows little defects with majority of problems with sump leads. Stormwater repairs to be done in conjunction with roading defects. Start date TBC		
Taihape: renewal of stormwater reticulation in Missel Street (\$99,000)	Design for stormwater line to redirect water away from private property	Investigation underway to determine if main can be connected into Thrush Street or Kaka St or option of relining existing stormwater line	CCTV and flushing of stormwater through private property was organised for October but due to work commitments wasn't done. The outcome of the CCTV will determine if relining the pipe is a viable option.	

Other major programmes of work carried out during 2018/19				
Projects	Design/ Scoping	Tender/Contract docs	Under construction	Complete

RUBBISH AND RECYCLING GROUP OF ACTIVITIES 2018/19			Jan-19
Major programmes of work outlined in the LTP 2018-28			
What are they:	Targets	Progress to date	Work planned for next three months
Greenwaste Acceptance:			
Ratana		Hook bins ready for use. WTS safety barriers in place.	Commence greenwaste service.
Hunternville		Hook bins ready for use. Hard stand quotes all received.	Manager approval for works to commence.
Other projects			
What they are:	Targets:	Progress to Date	Work planned for next three months
Waste minimisation	Waste Education NZ visits.	Moawhango, Whangaehu, Taihape Schools received lessons.	Monitor and review teacher reports.
Waste minimisation	Horizons Enviroschools programme.	Mataroa and Moawhango signalled intention to participate at introductory level (Friends). Marton School an Enviro School friend. Hunternville commenced program. Follet Street Kindergarten in program (New).	Hunternville scheduled to join program in February. Facilitator to support Marton Child Care Centre to move to next level (silver) of engagement. Meet with South Makirikiri School - fitness track.

Attachment 6

Community and Leisure Assets

Project updates, January 2019



1. Bulls Community Centre

W & W Construction took possession of the site on 10 December 2018. An archaeologist was on site for the foundation excavation: no items of significance were found. Site concrete has been poured in the base excavated ground, and tanking has been laid to the basement. The geo-tech inspection was completed. A sponsorship board of major funders will be erected in February; a further communication will also be issued to the community in February.



2. Community Housing

Council agreed at the meeting on 13 December 2018 to engage with Solarcity for the provision of solar power and access to the wholesale energy market for the tenants at Wellington Road and Cobber Kain Avenue, Marton, community housing complexes. The contract will be finalised shortly.

The Heat Pump installation is progressing well, with very positive feedback from our tenants. 50 heat-pumps have been installed to date, completing the Marton flats. Installation will commence in Bulls the week of the 4th February, followed by Taihape later the following week.

Measurements for curtains and blinds across the District has been completed and staff are currently confirming with tenants what they require as some tenants have indicated that they would like to keep their own window coverings. It is expected that the order for these will be completed mid-February.

Occupancy rates remain high, with waiting lists in Bulls, Marton and Ratana. Taihape has one vacancy at Matua Flats, which is in the process of being filled.

Inspections have been completed across the district. The majority of small tasks have been completed by Council's Handyperson. Other renewals for 2019/20 will be confirmed, when the final costs are to hand for the heat pumps and curtains.

Staff have been communicating with tenants on a regular basis, and a further newsletter will be circulated in February.

3. Koitiata Campground

The camp custodian has handed in their notice. Expressions of interest have been called for and close at 4pm Monday 18 February.

4. Skatepark

With only two weeks until the skatepark commencement, January was a busy time for the skatepark committee and RDC staff.

Contract documents have been signed by Angus McMillian Concrete (AMC) and all relevant Health and Safety documentation has been received. This includes specific documentation for the use of silicon on site.

A meeting has been held with the Marton Rotary to discuss the transfer of funds held by the Rotary to the RDC; the transfer of funds will occur during late February.

Discussions have been held with Marton Rotary and Saracens Cricket Club on the removal and rebuild of the block wall at the end of Hair Street. Marton Rotary in conjunction with Andrew Morriss Concrete will remove the wall and secure the park. Saracens will rebuild the fence with a picket fence and gate; this will be in keeping with other fencing work already undertaken by Saracens.

The build is set to commence on the 11th February and be completed by the end of April. The first two weeks of the build will see the repair of the existing stakepark, this will be closed during this time and reopened once repairs are complete. This will allow the users to still have access while the new build is underway.

5. Marton B & C Dams

During December and January weed control has been our main focus on site with major areas of gorse and blackberry being treated. This weed control is aimed at getting the site ready for planting during autumn/winter 2019.

The Rangitikei District Councils application to Matariki Tu Rākau was successful for funding for plants in 2019. The successful application is for 23000 plants to a value of \$74000.

Matariki Tu Rākau is a partnership between Te Ura Rākau and communities to plant native trees to recognise the service of the New Zealand Men and Women of the NZDF.

Plants have been ordered for planting at the dams for 2019/2020 and will be available from May 2019. Two nurseries have been selected for the plant supply, Kauri Park Nursery and Manawatu District Council.

Regeneration of felled areas is slowing most likely due to the drier summer months.

During January access roads have been installed to approximately 1.4km of logging tracks on the western side of the dams. The track formation will allow us to access this area during winter for maintenance and planting.

Further silt control measures have been installed following extreme rainfall on Christmas day, the area received 74mm in a 18hr period. A number of tracks had minor washouts during this major weather event.



6. Hautapu River Parks

During January the Society of Friends of Taihape meet with bridge designers / builders at the four proposed bridge locations on the Hautapu River. The company responsible for the bridge design have built over 200 for the Department of Conservation.

Work has been undertaken by the SOFOT at Papakai Reserve to level areas ready for grass seeding; this has now stopped due to the dry weather conditions.

An article on the project appeared in Landscape Architecture Aotearoa online magazine. This article highlighted Taihape and this projects goals in a very positive way.

<https://www.landscapearchitecture.nz/landscape-architecture-aotearoa/2019/1/22/taihape-shakes-off-the-gumboot-image>

7. Santoft Domain

A site visit was help by the Santoft Domain Committee during January to look at planting options for the domain and to meet a representative from Te Araroa Trail.

Athol Sanson introduced the group to plants that are suggested to be used on-site for shelter and for wetland/streams. The plant samples shown to the committee grow naturally in the coastal plains of the Foxton Ecological District and are ideally suited to the harsh environment experienced at the Santoft Domain.

Brian Doughty (Te Araroa Trail) discussed the areas walking trends and plans for the Trail in the region. With the closure of Santoft Forest for three years for logging, consideration is being given to diverting the trail for this period.

Brian's very informative discussion gave the committee a good understanding on issues that are faced over the coming years for the trail in our region.

8. Cemeteries

Ohingaiti Cemetery records have been obtained and an on-site meeting is scheduled for early February with the past administrator. Staff will then commence mapping the area and entering details into Council's system.

9. Swim Centres

Marton Swim Centre

Six local schools have finished their swimming program in December with two schools holding their swim gala day at the pool. Eight Local schools have booked in for swimming programmes in term one.

Nicholls Swim Academy 2018 Learn to Swim program wound up and rebooking has commenced for 2019; it is estimated there will be a likely increase of 20% increase in 2019 (i.e. 2018/19 swim season), which represents an additional (approximately) 30 children. They also ran a Learn to Swim holiday program over the Xmas school holidays, involving approximately 20 children.

The Gallagher sponsored swim lessons for 3 and 4 years olds had their windup presentation in December, which was well received with good local media coverage. Another group of 3-4 year olds are enrolling now for a second Gallagher sponsored swim lesson programme.

At the beginning of January Carterton Swim Club held their training swim camp at the swim centre.

Training clinics for lifeguards and Learn to Swim coaches for both Marton and Taihape has been implemented.



Proposed Splash Pad – Marton Swim Centre

As Mr Nicholls has previously advised, it is intended to install a splash pad at the Marton Swim Centre. The rationale for this is to provide fun water activities for the young children, particularly for times when capacity is full in the Learner pool e.g. lessons are being held, etc.



It is intended that the pad will be constructed in the grassed area immediately outside the doors opening off the small pool. The activities area will consist of interactive water features designed to encourage water play. Water used for the pad will be sourced from the main pool supply and recirculated and filtered once it has been used thus conserving water usage.

Funding for the project will be fully sponsored by the community and business sector. A number of commercial sponsors have indicated an interest in being involved in this community project and it is intended that drawings, costings and sponsorship commitments will commence in the near future.

The outdoor area of the Hereford Street complex is also available for the Gym to use, however their lease agreement does not permit the installation of gym equipment in the outdoor area. The Gym is considering an approach to Council for a change to this clause and their representatives have met with Council staff regarding this. Initial conversations indicate that there is sufficient outdoor space for both proposals. The Gym will apply in writing if they wish to take their proposal further, identifying what equipment they would like to have outdoors, how they would secure these items off from swim centre users, etc.

10. Memorial Park

At the meeting held on 30 November 2018, Council confirmed its intention to build a new amenities block at Memorial Park on the site beside the No. 3 field and incorporating a portion of the last tennis/netball court if required.

Council representatives have since met with Clubs Taihape to agree a process for finalising a design for a project that would fulfil the facility requirements of both organisations. A draft design brief has been circulated to the Mayor and Taihape Councillors. The draft scope will also be circulated to Clubs Taihape representatives with a meeting to follow.

Recommendation:

That the 'Community & Leisure project and activity report' to the Assets/Infrastructure Committee meeting on 14 February 2019 be received.

Appendix 1

COMMUNITY AND LEISURE ASSETS GROUP OF ACTIVITIES 2018/19

Dec-18

Major programmes of work outlined in the LTP 2018-28

Parks and Open Spaces	Progress to date	Progress for this period	Planned for the next two months
Parks Upgrade Partnership Fund - 2018/19 Budget \$93,666	An Application was received from Hunterville Board of Trustees.	A grant of \$7882.00 was approved to fund the Hunterville Domain fitness track. A further grant of \$35,000 was made to support stage 1 of the redevelopment of the community playground at Ratana Paa. An application has been received from Friends of Taihape requesting a grant of \$25,000 towards the Hautapu River Parks project. This will be considered by Council on 13 December.	
Skatepark at Marton Centennial Park	Final design and specifications confirmed. PS1 completed. Pricing confirmed. Fundraising nearing completion. Confirmation letter sent to Angus McMillian Concrete.	Finalising H&S requirements with the contractor. Ngata Apa has confirmed that a house will be available for the contractors to use during the build, a very generous offer saving around \$6000.	The Skatepark Committee will be present at the Marton market day to hold a raffle and promote the new development. Further local fundraising to be undertaken. Discussion will be held of a re-design of the concept plans.
Marton B&C Dams - implement the management plan for the B & C Dams	Management Plan has been completed.	Parks Team implementing site wide-weed control, concentrating on pink ragwort and blackberry. WACNZ Ltd commenced Sambar deer control onsite, a small number were culled. An application to Matariki Tu Raka was made for funding to purchase 22,157 plants in 2019.	Further Sambar deer control by WACNZ, this will continue until mid-November. Further weed control is planned which includes willow removal.
Marton Memorial Hall Playground - (community-led upgrade/redevelopment)	Concept plan and quote confirmed in writing.	Marton Development Group was successful in their application to Dudding trust for a grant of \$ 250000. This grant was a significant boost for the group.	A possible review of the plans will be undertaken by Boffa Miskell and a design change may occur. MDG will be present at the Marton market day to hold a raffle and promote the new playground.
Hautapu Park Taihape - develop and implement a plan to maximise recreational opportunities	Finalised concept plan from Isthmus Group received.	A slow month for this project due to weather conditions. This project will be featured in Landscape Architecture Aotearoa a publication by the NZ Institute of landscape Architects.	MOU to be developed between the RDC and the FOTS, letter of support to be sent from the RDC for this project. Quotes to be sought for the construction of four bridges within the parks.
Santoft Domain - community-led upgrade	Development Plan drafted	Pine tree slash burnt and buried. Pasture resown and boundary fences made stock proof. Logging operation returned \$13071.89, firewood sales \$1000 total return \$14071.89 ex gst. The committee visited Denis Hocking's farm to look at trees in coastal environments.	Spraying of mature lupin on site and further grass seeding. Further consideration of planting plan (and decision on Santoft Road boundary shelter belt)

Parks and Reserves: carry forward projects from 2018/19

Investigate and report on fencing the open drain at Marton Park The objective in fencing is to prevent small children falling into the deep-sided drain. However, it needs to be of an open mesh design so that the area remains visible.	An alternative to fencing is to create a gentle swale with a gradient which can be mowed. This will be discussed with the group involved in planning the upgrade of Marton Park.	No further progress this period	Further investigation into creating a swale drain or culverting the stream. Seek alternative quotes for different forms of fencing.
Community Buildings	Progress to date	Progress for this period	Planned for the next two months
Bulls Community Centre - award of tender and start construction	Final design and specifications have been completed. Building consent has been lodged. Tenders were called for, and closed Friday 10 August. On 30 August Council awarded C1084 Bulls Community Centre Construction to W & W Construction subject to final contract negotiations. Archaeological Management Plan was lodged with Heritage NZ. Discussion has been held with the joint venture party re the final footprint of the site. The Archaeological Authority was issued on 16 October. Negotiations have continued with the preferred tenderer.	Council awarded contract 1084 to W & W Construction 2010 Ltd. An agreement in principle was reached with a joint venture to increase the total site footprint to 3595 m2.	Building Consent will be issued and site work started.
Marton Civic Centre Development - design	Lottery & Heritage declined Council's application for a Heritage feasibility precinct study for Marton CBD. WPS-Opus submitted a draft proposal for developing the concepts designs. Following the meeting of Council representatives with Minister Salesa, a profile of Rangitikei's commercial building stock, including the likely extent of earthquake-prone buildings, has been provided to MBIE staff, who are evaluating the policy/regulatory impacts on rural/provincial communities of the recently enacted earthquake-prone building provisions of the Building Act. A response from the Minister/MBIE is expected in the next few months.	A business case is being prepared on options for making Library, and 46 High Street fit for purpose and the development of Cobbler / Davenport / Abraham and Williams sites. At it's November workshop, Council agreed to a separate report being presented to the December Council meeting.	A report will be presented to Council at its meeting on 13 December.
Taihape Memorial Park Amenities Facilities	Colspec has provided an estimate cost of seismic strengthening, amenities upgrade and general refurbishment of the building at a total cost of \$2,395,998.00. A report has been received from Colspec, and the Chief Executive and Mayor have met with Clubs Taihape. A separate report will be prepared.	At its November meeting, Council confirmed the site for the new amenities building as being in location between No 3 field and the courts, encroaching onto the last court if necessary. Southern Rugby Club and Ashburton District Council has been asked for the details about their equivalent facility.	A meeting will be scheduled with Clubs Taihape.

Asbestos Management	A purchase order has been issued for demolition and removal of the ex-Hunterville Fire Station, as well as the disconnection of services. All neighbouring properties have been notified	Removal of the ex-Hunterville Fire Station was completed.	Signage will be installed as appropriate. Asbestos Management Plans for each building will continue to be developed/updated.
Community Buildings: carry forward projects from 2018/19			
22 Tui Street development \$50,000 - Demolition of Conference Hall or to re-roof Women's Club building.	Taihapa Drama Group have advised that, due to lack of club members (currently three) and their concern about the future of the club, they are not in a position to confirm 'take-over' of the building. Taihapa Drama Group has again expressed an interest in this building. Following the Asbestos report on the Women's Clubrooms, prices were obtained to remove the asbestos and to renovate those areas.	No further progress during November.	Decision to be made on whether to demolish Conference Hall, or leave as is and spend funding on the Women's Clubrooms. Consideration to be given as part of greater Taihapa Town Planning concept programme.
Swimming Pools	Progress to date	Progress for this period	Planned for the next two months
Taihapa - re-painting of the main pool	Funding allocated in 2018/19 budget.	Painting of the main pool was completed in August. This project is complete.	
Taihapa - addition of covers	Funding allocated in 2018/19 budget.	Covers have been installed. This project is complete.	
Marton - re-painting	Funding allocated in 2018/19 budget.	Learner Pool painting is complete.	Main Pool programmed to be painted at the end of the swim season.
Marton - balance tank	Funding allocated in 2018/19 budget.		Balance tank programmed to be actioned at the end of the swim season.
Swimming Pools: carry forward projects from			
Complete upgrade to heating and filtration at the Taihapa Swim Centre Contract 1057 was awarded to Ian Coombes Limited for \$374,900 being the tendered price of \$249,500 excluding GST plus \$125,400 plus GST for the concrete block shed and medium pressure UV treatment together with 20% contingency. An on-site meeting was held with Council and contractor representatives to confirm key roles, scope of work, health & safety, etc. CCTV of pipework has been conducted. Drawings have been prepared for utilisation of space in current plant room, which has been emptied of miscellaneous items.	Claims have been paid. 50% retentions are still being held. Contractor was on-site mid September to attend to some minor items e.g. brackets, tie-downs.		Final 50% of retentions will be paid.
Community Housing	Progress to date	Progress for this period	Planned for the next two months

Refurbishment of housing stock	Alf Downs Group have commenced installing heat pumps. Some curtains have been installed, with some tenants preferring to keep their own curtains. In these instances curtains will be installed when the flat becomes vacant. Tenants have provided information required for power reimbursement. Tenants have been kept informed on progress, delays etc.	Community housing inspections were completed. Majority of the flats in Wellington Road have had heat pumps installed. Staff have had discussions with Solar City.	Continued installation of heat pumps and curtains. Renewal strategy development will commence in the New Year.
Property	Progress to date	Progress for this period	Planned for the next two months
Dudding Lake - sealing of driveway	Funding allocated in 2018/19 budget.	Driveway has been sealed. This project is complete.	
Property: other projects			
Proceed with intended disposal of surplus sites in Bulls to help fund the new multi-purpose facility	High-level consideration of Council involvement in subdivision rather than outright sale of the larger surplus properties. Detailed scrutiny of the circumstances behind the acquisition of the Walton Street site, Haylock Park and the Criterion Street carpark behind the Medical Centre (with particular regard to offer back requirements). Clarification sought from Heritage New Zealand on how the heritage covenant on the Willis Redoubt could impact on other parts of the Walton Street site. At its January meeting, Council endorsed the formal agreement for the sale of the parking lot behind the medical centre to the Bulls Medical Centre Ltd. Settlement to be completed as soon as the new Certificate of Title is available. Staff held on-site meeting at Haylock Park to determine district plan and utilities requirements for proposed subdivision. Working on obtaining easements for sites containing Council infrastructure.	Haylock Park/Walker Crescent - potential partner is liaising with his advisors and consultants. Walton Street (Balance of Property) - potential partner identified. Staff working on background material for further discussion. 15 High Street - easement has been registered. Bulls Town Hall - reviewing of any barriers is underway.	Confirmation of disposal process for Walton Street and Haylock Park/Walker Crescent sites.
Public Toilets	Progress to date	Progress for this period	Planned for the next two months
Marton - 24/7 toilets installed	Council confirmed at its September meeting that the toilet facility will be placed at the Follett Street site. Contact has been made with two contractors who supply pre-fabricated toilet facilities to arrange an on-site appointment to consider options, obtain quotes, etc. "Before you dig", was obtained. On site meeting was held with Permaloo and Exeloo; awaiting quotes.	On site meetings held with Permaloo and Exeloo.	Consenting requirements, liaison with bus companies (as the lower High Street bus stop would no longer be used) and a 'B4U Dig' will be sought.

Mangaweka Village	Taihapa ward Councillors, the Mayor and Chief Executive met to discuss options for Mangaweka toilet block. It was agreed that the Mayor would approach two property owners in Mangaweka re the possibility of siting a toilet block on their properties. An agreement has been reached (and a Licence to Occupy has been signed) with a local property owner to place the facility on their property. Purchase Order has been issued. Building exemption has been granted. Discussions have been undertaken with Assets and Infrastructure and external contractors re; disabled parking, drain laying, plumbing & power supply.	Prefabricated toilet unit moved on site the week of 26 November 2018.	These toilets will be opened to the public on Friday 7 December.
Huntermville - Queens Park	\$75,000 grant has been received to improve facilities for freedom campers. A single dry-vault toilet will be installed (along with a drinking fountain and a compacting rubbish bin). A resource consent is required due to Queens Park being zoned residential. The Resource Consent has been lodged, the building consent exemption applied for, and the products ordered.	Toilet was moved on-site on 23 November and opened to the public on 30 November. Solar bin and drinking fountain has been installed. This project is now complete.	
Cemeteries	Progress to date	Progress for this period	Planned for the next two months
Ratana - hard surface roadway	Meeting with Roading/Cr Peke-Mason to discuss requirements.	Ongoing discussions.	Will likely occur in the Summer if funding allows. Seek quote.
Mt View - roadway extension Stage 1	Plans drawn.	This has been withdrawn from this years budget and funding moved to purchase additional land required for Rangatira Cemetery.	This will be reassigned in 2019/2020 budget.
Cemeteries: carry forward projects from 2018/19			
Ratana - urupa extension		Initial conversations have been had between infrastructure and property staff.	Negotiations to acquire additional neighbouring land
Ratana - urupa upgraded road	Some remedial work has been actioned on the roadway from the road to the Urupa.	Initial conversations have been had between infrastructure and property staff.	

Appendix 2

Service Request Breakdown for December 2018 - First Response

Service requests Department	Compliance responded in time	responded late	Grand Total
Council Housing/Property	8	1	9
Council housing maintenance	5		5
Council property maintenance	3	1	4
Grand Total	8	1	9

Percentage responded in time 89%

Service request Breakdown for December 2018 - Resolutions

Service requests Department	Compliance completed in time	current	Grand Total
Council Housing/Property	7	2	9
Council housing maintenance	4	1	5
Council property maintenance	3	1	4
Grand Total	7	2	9

Percentage completed in time **78%**

Service Request Breakdown for December 2018 - First Response

Service requests Department	Compliance current	overdue	responded in time	responded late	Grand Total
General enquiry	1	8	6	2	17
General enquiry	1	8	6	2	17
Grand Total	1	8	6	2	17

Percentage responded in time 35%

Service request Breakdown for December 2018 - Resolutions

Service requests Department	Compliance completed in time	completed late	overdue	Grand Total
General enquiry	12	3	2	17
General enquiry	12	3	2	17
Grand Total	12	3	2	17

Percentage completed **71%**

Service Request Breakdown for December 2018 - First Response

Service requests	Compliance	
Department	responded in time	Grand Total
Parks and Reserves	3	3
Maintenance (parks and reserves)	3	3
Grand Total	3	3

Percentage responded in time100%

Service request Breakdown for December 2018 - Resolutions

Service requests Department	Compliance completed in time	Grand Total
Parks and Reserves	3	3
Maintenance (parks and reserves)	3	3
Grand Total	3	3

Percentage completed in time **100%**

Service Request Breakdown for December 2018 - First Response

Service requests Department	Compliance overdue	Grand Total
Street Cleaning	1	1
CBD cleaning - Ratana	1	1
Grand Total	1	1

Percentage responded in time100%

Service request Breakdown for December 2018 - Resolutions

Service requests Department	Compliance overdue	Grand Total
Street Cleaning	1	1
CBD cleaning - Ratana	1	1
Grand Total	1	1

Percentage completed in tin 0%