



Rangitikei District Council

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Rangitikei
UNspoilt...

Assets/Infrastructure Committee Meeting

Order Paper

Thursday 12 October 2017, 1.00pm

Council Chamber, Rangitikei District Council
46 High Street, Marton

Website: www.rangitikei.govt.nz

Email: info@rangitikei.govt.nz

Chair

Cr Dean McManaway

Deputy Chair

Cr Ruth Rainey

Membership

Councillors Richard Aslett, Cath Ash, Nigel Belsham, Jane Dunn, Angus Gordon,
Soraya Peke-Mason, Lynne Sheridan and Dave Wilson
His Worship the Mayor, Andy Watson (ex officio)
Tracey Hiroa (Te Roopu Ahi Kaa Representative)

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 12 October 2017 – 1:00 PM

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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, i.e. 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 Apologies/leave of Absence

4 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.

5 Confirmation of order of business

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

6 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 12 October 2017 be received.

7 Confirmation of minutes

The minutes of the Assets/Infrastructure Committee meeting from 14 September 2017 are attached.

File ref: 3-CT-13-2

Recommendation

That the Minutes of the Assets/Infrastructure Committee meeting held on 14 September be taken as read and verified as an accurate and correct record of the meeting.

8 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 better understand the statutory requirements for developing a policy and the likely

infrastructure needs to service larger-scale subdivisions. The proposed 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 will deliberate on all submissions at its meeting on 26 October 2017.

Regarding key priority issue 3, the licence to occupy for the groups in the former Taihape College (Rauma Road) had been signed, for return to the Ministry of Education. A project plan has been agreed to for upgraded amenities on Taihape Memorial Park. A presentation has been provided outlining three scenarios for Council if it were to retain ownership and management of community housing in the District; more detailed investigation has been requested.

9 Speed reduction around Pukeokahu School

The speed limit signage is due to be completed week ending 6 October 2017 (weather dependant).

The signs consist of four School signs (children walking and School) gated at both ends as well as 4 x 70 kph (complete with 4 x Temporary signs) also gated at both ends.

10 Mangaweka Bridge Detailed Business Case – Tender Report

A report is attached.

File ref: 6-RT-1 (69)

Recommendation:

That the report “Mangaweka Bridge Detailed Business Case-tender Report” to the Assets/Infrastructure Committee’s meeting on 12 October 2017 be received.

11 Disposal of leachate from Bonny Glen landfill

A representative from MidWest Disposals has been invited to attend the meeting to update the Committee on investigations undertaken and developments on the Bonny Glen site.

12 Parks Upgrade Programme – Taihape Showjumping Group

An application is attached. The Programme provides up to \$50,000 annually on the basis of a 2:1 contribution (cash/in kind) from the organisation proposing a project. This is the first application in 2017/18.

Recommendation

That the Assets/Infrastructure Committee grants \$..... to the Taihape Showjumping Group to build bigger horse yards on Taihape Memorial Park, in accordance with the Council’s Parks Upgrade Programme.

13 Stormwater management – Torere Road

The attached request was accepted by Council at its meeting on 28 September 2017 and referred to the Assets/Infrastructure Committee for consideration.

This is an issue previously raised with the Roding team. It is on private land so Council is not responsible for this work. The Bellamys are suggesting a 100 mm punched nova pipe when the pipe under the road is at least 375 mm diameter, so the proposed pipe should be at least the same diameter as least the same diameter as the pipe under the road or an open drain.

14 3 Waters Compliance

A report is attached.

File ref: 5-EX-3-2

Recommendation:

That the report '3 Waters Compliance – September 2017' be received.

15 Renewal of Marton wastewater treatment plant – update

An update will be provided to the meeting on the operation of the management plan under the Heads of Agreement between Council and Midwest

Recommendation:

That the update 'Renewal of Marton wastewater treatment plant – October 2017' to the Assets/Infrastructure Committee meeting 12 October 2017 be received.

16 Annual compliance reporting from Horizons Regional Council

The report from Horizons Regional Council on the wastewater treatment plant reports and water supplies are attached. These were the basis for the performance assessment ('Not achieved' and 'Achieved', respectively) in the Annual Report and the associated commentary there.

The wastewater report is less detailed than has been the case in previous years.

File ref: 6-WS-3-11

Recommendation:

That the 'Wastewater Treatment Plant Report' and the 'Compliance Report Rangitikei Water Supplies' to the Assets/Infrastructure Committee's meeting on 12 October 2017 be received.

17 Questions put at previous meeting for Council's advice or action.

Bulls mushroom shaped decommissioned water tower

Attached is the recently received seismic assessment report from Calibre Consulting Ltd on several water assets including the Bulls Mushroom. Engineer's cost estimates of the recommended strengthening are yet to be received.

18 Activity management

The Activity Management Templates for the following asset-based groups of activities are attached

- Roading and footpaths (including roading contractor performance)
- Water (including rural water supplies)
- Sewage and the treatment and disposal of sewerage
- Stormwater drainage (including stormwater 'hot spots' update)
- Rubbish and recycling
- Community and leisure assets (including parks)

In accordance with Council resolution 17/RDC/055 which amended Standing Order 20.3 'Questions to staff', the following arrangement applies:

In the email advising Elected Members that the Committee Order Papers have been uploaded, they will be asked to email questions before the meeting to the relevant Group Manager (and copied to the Governance Administrator). The answers will be copied to all Elected Members, the Chief Executive and the Governance Administrator. The full email exchange will be tabled at the meeting. Outstanding questions will be noted in this document.

Questions may still be asked at the meeting. The minutes will record those which require further clarification or actions by staff and note whether this is to be by email before the next meeting (in which case it will be included as a document in the Order Paper) or through a report or agenda note at the next meeting.

Recommendation:

- 1 That the activity management templates for October 2017 for Roading, Water (including rural water supplies), Sewerage and the treatment and disposal of sewage, Stormwater drainage, Community and leisure assets, and Rubbish and recycling be received.
- 2 That the memorandum 'Questions of Activity Management Templates' to the Assets and Infrastructure Committee meeting on 12 October 2017 be received.

19 Future Items for the agenda

20 Next meeting

9 November 2017, 9.30

21 Meeting closed

Attachment 1



Rangitikei District Council

Assets and Infrastructure Committee Meeting

Minutes – Thursday 14 September 2017 – 9:30 AM

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Committee The quorum for the Assets and Infrastructure Committee is 6.

At its meeting of 28 October 2010, Council resolved that "The quorum at any meeting of a standing committee or sub-committee of the Council (including Te Roopu Ahi Kaa, the Community Committees, the Reserve Management Committees and the Rural Water Supply Management Sub-committees) is that required for a meeting of the local authority in SO 2.4.3 and 3.4.3.

Present:	Cr Dean McManaway (Chair) Cr Ruth Rainey Cr Nigel Belsham Cr Jane Dunn Cr Angus Gordon Cr Soraya Peke-Mason Cr Lynne Sheridan Cr David Wilson His Worship the Mayor, Andy Watson
Also Present	Cr Richard Aslett
In attendance:	Mr Ross McNeil, Chief Executive Mr Michael Hodder, Community & Regulatory Services Group Manager Mr Glenn Young, Senior Projects Engineer – Utilities Mr Wiremu Greening, Utilities Projects Team Leader Mr George McIrvine, Finance & Business Support Group Manager Mr John Jones, Asset Manager – Roading Mr Reuben Pokiha, Operations Manager – Roading Mr Andrew van Bussel, Operations Manager Mr Chris Pepper, Special Projects Manager Ms Gaylene Prince, Community & Leisure Assets Team Leader Ms Katrina Gray, Senior Policy Analyst/Planner Ms Nardia Gower, Governance Administrator
Tabled Documents	Item 6: Chair's Report Item 10: Annual Residents Survey – Improvement Plan

1 Welcome

The Chair welcomed everyone to the meeting

2 Council Prayer

Cr Peke-Mason read te Enoi o te Kaunihera o Rangitikei

3 Apologies/Leave of Absence

Resolved minute number

17/AIN/022

File Ref

That the apology for the late arrival of Cr Sheridan and the absence of Cr Ash and Ms Hiroa be received.

Cr Belsham / Cr Gordon. Carried

4 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.

5 Confirmation of order of business

That, taking into account the explanation provided why the item is not on the meeting agenda and why the discussion of the item cannot be delayed until a subsequent meeting, a recommendation to Council from the Assets/ Infrastructure Committee that they consider increasing the current level of service for urban stormwater ahead of confirming the 2018-28 Long Term Plan be dealt with as a late item at this meeting.

6 Chair's Report

A report was tabled at the meeting, and taken as read. Staff informed elected members on the current status of the MidWest disposal issue at Bonny Glenn.

- The deadline for applying for a new consent for the Marton wastewater treatment plant is fast approaching.
- Interim treatment of effluent/leachate may be required to take place on site.
- Bonny Glen will be looking for alternative recipients of treated leachate of which Rangitikei wastewater is an option.
- Provisions for surplus effluent will be sought for certain times of year.
- Staff will provide a formal proposal to Council through the Assets/Infrastructure Committee for consideration
- A community group been setup as part of the Bonny Glen consent requirement; however the 'goodwill fund' also a consent requirement has yet to be established.

Resolved minute number**17/AIN/023****File Ref****3-CT-13-4**

That the Chair's Report to the Assets/Infrastructure Committee meeting on 14 September 2017 be received.

Cr McManaway / Cr Rainey. Carried

Cr Sheridan arrived at 9:45

7 Confirmation of Minutes

Resolved minute number**17/AIN/024****File Ref****3-CT-13-2**

That the Minutes of the Assets/Infrastructure Committee meetings held on 10 August 2017 be taken as read and verified as an accurate and correct record of the meeting.

Cr Aslett / His Worship the Mayor

8 Progress with strategic issues

The Committee noted the update commentary in the agenda.

A suggestion made was that the Council Infometrics service may be of use to gauge the quantity/tonnage of produce coming out of the Rangitikei region; this background information might be useful in forming a big picture in regards to factors within the proposed Traffic and Parking bylaw.

9 Taihape Swim Centre

The Chief Executive informed the committee that the tender process for the Taihape Swim Centre had been cancelled and the unopened price envelopes had been returned to the tenderers. He elaborated on the circumstances.

- The decision of the Taihape Community Development Trust not to renew its management contract to operate the Taihape Swim Centre triggered a procurement process and a request for tender was arranged. That tender was inclusive of aligning service levels with that in the Marton Swim Centre.
- During the tender process concern was raised over the cost and responsibility of maintenance to any new operator in the running of the upgraded plant due to be commissioned before the new swimming season began. This meant a review of scope of the contract agreement
- The Taihape Swim Centre 2017 opening date remains un-effected by this process.

10 2017 Annual Residents Survey – Improvement Plan

Ms Gray spoke to the report in the absence of Ms Webb-Moore. Ms Webb-Moore, in working with Council activity managers, identified potential actions that could be undertaken in response to the Annual Residents Survey feedback. It was noted that some feedback was outside the scope of Council and this report focuses on what is achievable.

Comments highlighted:

- Council has previously agreed as a policy to focus on fewer and better playgrounds.
- Increasing requests for fenced dog parks will need to be addressed. Taihape has discovered, in trying to establish such a park, that erecting a suitable fence to meet the current Health and Safety obligations has been cost prohibitive. In order to meet this community need an alternative option needs discussion through the LTP workshops.
- Discussion on alternative delivery methods of the Annual Residents Survey will take place prior to next year's survey.

Resolved minute number

17/AIN/025

File Ref

5-FR-1-2

That the report '2017 Annual Residents Survey – Improvement Plans' to the Assets/Infrastructure Committee's 14 September 2017 meeting be received.

Cr Belsham / Cr Wilson. Carried

11 Renewal of Marton wastewater treatment plant - update

Mr Young gave a verbal update, noting the business case has been completed and is currently being reviewed internally with a costing spreadsheet being developed. The various options within the business case have been reduced to five for Council to consider. These will be discussed in a workshop setting prior to being taken to the reference group. Expansion of the reference group to include appropriate Bulls residents along with more regular meetings was discussed.

Resolved minute number

17/AIN/026

File Ref

That the update 'Renewal of Marton wastewater treatment plant – August 2017' be received.

Cr Gordon / Cr Belsham. Carried

12 3 Waters compliance – update

Mr Young took the report as read. The Committee was pleased with the tabulated style in the report.

Resolved minute number **17/AIN/027** **File Ref** **5-EX-3-2**

That the report '3 Waters Compliance – August 2017' be received.

Cr Dunn / Cr Gordon. Carried

13 Questions put at previous meeting for Council advice or action:

Santoft Domain

Council confirmed the recommendation 17/AIN/075 by the Assets/Infrastructure Committee for Council to facilitate a public meeting and arrange a letter drop to all affected parties regarding the future of Santoft.

- The Committee suggested the Rangitikei Golf Club as an appropriate location for the public meeting and that the Mayor and Cr Dunn be informed of the area receiving the letter drop.

Prioritising essential work on Toe Toe Road

A consultant has carried out a Route Strategy Study and recommended the upgrading of delineation, especially edging post markers. This is as a result of heavy vehicles not able to use the Mangaweka Bridge. This work is currently being programmed.

- Mr Pokiha spoke to this topic highlighting that the report by GHD was extensive, responding to the request by Council. The works programme, as an outcome of that report, will be carried out in priority order as funding is available starting with \$20,000 on markers and signage.

Ratana Cemetery Rd

There is some further information to be gathered and clarified regarding the outline of the road extension at Ratana cemetery before work can proceed.

The following are under action for a later meeting:

- Further details on the future costs of the maintenance of the existing Mangaweka Bridge.
- Implications of bringing the cleaning service in-house.
- Report by a 3rd party on the impact to land due to easement access to the Ratana bore.
- Council continues to be in negotiations with the Duncan family regarding access, water rights and potential land purchase.

14 Activity management

The Activity Management Templates for the following asset-based groups of activities are attached

- Roothing and footpaths (including rooothing contractor performance)

Mr Pokiha spoke to the rooothing report noting that a fact sheet regarding the upcoming road works in Broadway Marton is being circulated to business owners, landlords, media and the small number of affected residents. The Committee suggested using the corner Cobbler building windows as an avenue of communicating the upcoming Broadway road works with the general public.

The Committee queried the resealing programme: weather and terrain are the major consideration factors.

There are only three small projects left to complete the repairs outstanding from the June 2015 storm event.

- Water (including rural water supplies)
- Sewage and the treatment and disposal of sewerage
- Stormwater drainage (including stormwater 'hot spots' update)

Mr Greening spoke to the Utilities reports, noting that contingency funds are for unforeseen issues including unmovable rocks. Issues arising from the testing of work by external contractors is at their own expense.

Council is awaiting an answer regarding the need for seismic testing on the empty, decommissioned, mushroom shaped water tower in Bulls.

The prioritisation in the sewer relining project is defined by the results of investigations using CCTV cameras.

- Rubbish and recycling

Mr Young spoke to the Rubbish and recycling reports, noting community support of Council's service of recycling and rubbish through the Annual Residents Survey with continued requests for an increase in services, particularly from the rural sector.

- Community and leisure assets (including parks)

Ms Prince spoke to the Community and Leisure reports. The Committee discussed the delay in fulfilling an undertaking to replace the netting around the courts at Marton Centennial Park, commenting on the significant and positive community and user group engagement centred around the park.

Upon investigation it is likely that the Taihape Town Hall will need an electrical upgrade to manage with modern heating solutions.

The Rangatira cemetery roading is a two stage project, with the second stage due for completion financial year ending 2018

Resolved minute number **17/AIN/028** **File Ref**

That the activity management templates for September 2017 for Roothing, Water (including rural water supplies), Sewerage and the treatment and disposal of sewage, Stormwater drainage, Community and leisure assets, and Rubbish and recycling be received.

Cr Gordon / Cr Sheridan. Carried

Resolved minute number **17/AIN/029** **File Ref**

That Council hold a meeting with affected Marton business parties in regards to the planned road works in Broadway.

His Worship the Mayor / Cr Wilson. Carried

Resolved minute number **17/AIN/030** **File Ref**

That the netting on Centennial park courts gets replaced immediately

His Worship the Mayor / Cr Belsham. Carried

Cr Peke-Mason left 11:05 – 11:07

15 Late Item

The Committee noted that feedback from the Annual Residents Survey demonstrated concern regarding the maintenance of urban waterways and drains. The upcoming report will set out the level of service regarding this issue.

Resolved minute number **17/AIN/031** **File Ref**

That in light of Council's intention to review the level of service relating to urban Stormwater/drainage that the Assets Infrastructure Committee recommends to Council that they consider increasing the current level of service ahead of confirming the 2018-28 Long Term Plan.

Cr Sheridan / Cr Peke-Mason. Carried

16 Future Items for the Agenda

17 Next meeting

Thursday 12 October 2017, 1.00 pm

18 Meeting closed: 11:41

Confirmed/Chair: _____

Date:

Unconfirmed

Attachment 2



REPORT

SUBJECT: **Mangaweka Bridge Detailed Business Case – Tender Report**

TO: Assets/ Infrastructure Committee

FROM: Jim Mestyanek

DATE: 8 September 2017

FILE: 6-RT-1 (69)

Purpose

To present the tender evaluation results for the Detailed Business Case for the Mangaweka Bridge Replacement Project.

1 **Executive Summary**

- 1.1 The Detailed Business Case has been tendered to the open market using a Purchaser Nominated Price Method.
- 1.2 The total price nominated is \$200,000, of which Rangitikei District Council is responsible for 50%.
- 1.3 GHD Ltd of Palmerston North is the preferred supplier.
- 1.4 The anticipated completion date is 1 May 2018.

2 **Background**

- 2.1 The Mangaweka bridge is a boundary bridge shared with Manawatu District Council. There are three investors: RDC, MDC, and NZTA.
- 2.2 The Indicative Business Case was completed in July 2017, and the final report was presented to Council's A & I Committee on 13 July.
- 2.3 Both Councils have approved progress to the Detailed Business Case (DBC). We are still awaiting NZTA's approval.
- 2.4 A Request for Proposal was tendered on 4 August using an **Open Competitive Process**. Tenders closed 1 September 2017. The tender method chosen was the **Purchaser Nominated Price Method**, as found in NZTA's Procurement Manual. This method is useful when project objectives are known but the detailed

outcomes are difficult to specify precisely. In this method, the total price is nominated, and the tenders are evaluated on the basis of quality alone. The nominated price was \$200,000 excl GST, which is to be split 50:50 between the two Councils.

- 2.5 One tender was submitted, which met the requirements of the Request for Proposal. The preferred supplier is GHD Ltd.

3 Discussion and Options considered

- 3.1 Nil

4 Operational Implications

- 4.1 The Detailed Business Case will be developed within the context of normal Council operations during the 2017-18 financial year. It is expected to be completed by 1 May 2018.

5 Financial implications

- 5.1 On 29 June 2017, the costs for a Detailed Business Case (DBC) were formally allowed for in the Annual Plan 2017-18.

Cost Estimate \$200,000. RDC's share is 50%	
Detailed Business Case	\$100,000
Less NZTA FAR @ 63%	\$63,000
Subtotal Local Share	\$37,000

6 Statutory Requirements

- 6.1 There are no statutory requirements at this stage.

7 Delegations

- 7.1 The delegated authority for this level of expenditure lies with the General Manager Infrastructure. However, this report is presented to the Committee as an update in recognition of its ongoing interest in the project.

8 Consultation

- 8.1 Nil required

9 Cultural Considerations

- 9.1 Nil required

10 Conclusion

- 10.1 The Mangaweka Bridge Detailed Business Case has been successfully tendered in the open market, and has found the preferred supplier to be GHD Ltd. The total cost is \$200,000 excl GST, with RDC's share being \$100,000. Furthermore this work will attract the normal Funding Assistance Rated from NZTA.

11 Recommendations

- 11.1 That the report "Mangaweka Bridge Detailed Business Case – Tender Report " to the Assets/Infrastructure Committee's meeting on 12 October 2017 be received.

Jim Mestyanek
Senior Projects Engineer – Roading

Attachment 3



Rangitikei District Council

Parks Upgrades Partnership Fund

Expression of Interest

Do you have a great idea to add or improve on recreational facilities at a Council-owned park?

Do you have good support for your idea from the community?

Have you got a realistic fundraising plan that can raise at least two thirds of the resources needed to make it happen?

If so, then Rangitikei District Council wants to hear from you!

We know that the communities in the District have long been active in developing facilities for their recreation and leisure. We want to encourage this by providing up to 33% in cash of the value – in cash or in kind – of the contribution from the community for small-scale, community-led, capital projects.

WHAT DO WE MEAN BY SMALL-SCALE, COMMUNITY-LED CAPITAL PROJECTS?

Capital Project is a project which creates a new asset, replaces an existing asset, upgrades an existing asset or refurbishes an existing asset.

Community-led means a project that has been identified from within the community, where the majority of the fundraising has taken or will take place within the community and where the asset will be owned by the Council, or available for use by the community as if it were owned by Council.

Small-scale means a project with the total value of less than \$45,000, taking into account actual costs and the value of donated labour or materials.

PLEASE NOTE: Applications may be submitted at any time and will be considered at the next available Assets/Infrastructure Committee of Council (usually within a month). Applications will not be considered retrospectively. All applications are copied into the Assets/Infrastructure Committee Order Paper and are therefore available to the general public.

Please complete this application form in conjunction with Council staff. The sooner you talk with us about your idea, the sooner we can give you an answer about whether Council can support your project.

Contact: Gaylene Prince, Community and Leisure Services Team Leader,
Rangitikei District Council, Private Bag 1102, Marton 4741
Phone: 0800 422 522
Email: gaylene.prince@rangitikei.govt.nz

1. YOUR CONTACT DETAILS

Full Name: Katrina Overton

Organisation (if any) Taihape Showjumping Group

Street address: _____

Postal address: 71 Pukeokahu Rd, B.D. 3

Taihape Post Code: 4793

Telephone (day) 06 3880666 (Work)

Email: katrina.overton@xtra.co.nz

Contact 2 Name Philippa Stalker

Telephone (day) 06 3881839

Email: berghof@inspire.net.nz

2. YOUR PROJECT

2.1 What is the name of your project? Upgrade Horse yards

2.2 When will it take place: November

2.3 Where will it take place: Memorial Park Taihape

2.5 Describe your project in full:

Attach additional sheets if you need to.

We have flattened the existing site to replace horse
yards that were small, broken + on uneven ground so were
unfit for purpose. We plan to build bigger better yards
with good access points. to accomodate horses that compete
at events at memorial park.

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

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

We had received feed back from Taihape A+P and Taihape Dressage as well as competitors that the yards needed to be replaced as they were old, broken, too small and on uneven ground. Horses were unable to be kept safely or comfortably over night or for any length of time. The state of these yards were limiting our ability to accomodate the riders coming to our show also.

These events potentially bring a lot of people into the town over three weekends, which is good for local business as well as our events.

2.7 How does your project fit with Council's objectives for the development of its parks and open spaces?
You will definitely need to be talking with Council staff to complete this section!

- * Maintain facilities to a good state of repair + fit for purpose.
- * Promote use of parks to more users. Memorial park caters for a wide range of users as they are the only suitable grounds available in Taihape.
- * Provide a safe environment for all users. and adhere to health and safety standards.
- * Attract people to Taihape to participate in events at the park.
- * Provide a multi use facility in the area.

PARK UPGRADE PARTNERSHIP FUND

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

Attach additional sheets if necessary

Item	Amount	
Timber + Materials (Hautapu Rural Supplies)	\$	5045
Mack Rennie Fencing - Fence line	\$	1725 -
labour - yards. ✓	\$	3500
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
Total Cost (GST inclusive / exclusive . Please delete one)	\$	10270

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

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

Item	Amount	
Donated material	\$	
	\$	
	\$	
	\$	
	\$	
Cash in hand towards project	\$	1810
	\$	
	\$	
	\$	
	\$	
Other sponsorship/grants (please specify source/s below)	\$	
Power co - materials only ✓	\$	5000 -
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
Total funds available (GST inclusive / exclusive . Please delete one)	\$	

Amount of funding you are requesting from Rangitikei District Council:

\$ 3400

Attachment 4

LATE ITEM

TABLED DOCUMENT

Andy Watson

From: Maraea Bellamy <renzB@clear.net.nz>
Sent: Wednesday, 27 September 2017 9:43 p.m.
To: Andy Watson
Subject: Re: RDC Culverts/726 Torere Road

Tabled at Carol
on 28 Sept 2017

Kia Ora Andy Thanks for the visit to inspect the problem we have with the road storm water discharge onto our property. I have met with 2 drainlayers for their input for the design & installation. The outcome is we can reduce the cost because of their combined advice. The instructions for the fixed price quote are as follows. Central Districts Civil Ltd Taihape \$3,000.00 Not included 260 mtr 110mm punched Nova pipe with sock & P metal, ... (the add-on would be approx. \$2,600) and site time is 3 days. Mark Bellamy drainlayer Levin. \$2,541 Supply and lay 260mtr 110 punched nova drain with sock fitted on a base 100mm a P metal base & cover over. We prefer to accept Mark Bellamy quote as this a massive discount that favours both of us. (Mark is a relation). As discussed we are prepared to assist in some of the cost for this project, and look forward to your favourable response. Regards Ken & Maraea Bellamy.
On 15/09/2017, at 8:49 AM, Andy Watson wrote:

Good morning Maraea, we are not able to open the attachment you sent, can you please send it in another format – either PDF or Word is preferable.

Thanks

Carol

From: Maraea Bellamy [mailto:renzB@clear.net.nz]
Sent: Friday, 15 September 2017 7:34 AM
To: Ross McNeil <Ross.McNeil@rangitikei.govt.nz>; Cr Richard Aslett <mangawekagallery@xtra.co.nz>; Andy Watson <Andy.Watson@rangitikei.govt.nz>
Subject: RDC Culverts/726 Torere Road

Tena koutou
Please find attached a letter from Ken & Maraea Bellamy re culverts running onto 726 Torere Road, RD 3, Taihape

Naku noa, Na
Ken & Maraea Bellamy

If you have received this email and any attachments to it in error, please take no action based on it, copy it or show it to anyone. Please advise the sender and delete your copy. Thank you.

Attachment 5



REPORT

SUBJECT: **3 Water Compliance – September 2017**

TO: Assets/Infrastructure Committee

FROM: Utilities Compliance Officer

DATE: 2 October 2017

FILE REF: 5-EX-3-2

1 Introduction

1.1 This report is a summary of Rangitikei District Council's overall compliance. Compliance is assessed with respect to the following:

- Resource consent conditions for water supply for September 2017.
- Drinking Water Standards for all drinking water for September 2017.
- Section 69Z of the Health Act 1956 – the duty to prepare and implement water safety plans.
- Resource consent conditions for wastewater for September 2017.

Information on compliance has been derived from our Water Outlook system, and laboratory results and where applicable, communications with compliance monitoring officers at Horizons.

2 Water Supply – Consent Compliance

2.1 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 August 2017	Comments	Actions
Marton	Water abstraction consents. Compliant	-	-
	WTP discharge consent. Consent Renewal Application lodged	The volume of the combined filter backwash & alum sludge discharge to the settling ponds is used as a surrogate measure for flow discharged from the ponds as actual outflow cannot be measured. There is an issue with the pump on one flowmeter and therefore the full flow is not showing on Water Outlook. It is expected that consent limit continues to be exceeded on a daily basis.	A consent renewal application was lodged on 12 August 2016. The renewal application has sought an optimisation of the activity authorised by the existing consent, rather than a change in activity, as this has been identified as being appropriate to address environmental effects.
Taihape	Compliant	-	-
Bulls	Compliant	-	-
Mangaweka	Compliant	-	-
Ratana	Not assessed	Abstraction rate monitoring not in place at existing bore. Consent to use new bore for production has been acquired.	Design and construction of treatment plant underway. Plant operation not expected to commence until 2017 - 2018
Erewhon Rural	Compliant	-	-
Hunternville Rural	Compliant	-	-
Omatane Rural	Compliant	-	-

3 Water Supply – Drinking Water Standards Compliance

3.1 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.

Table 2: DWSNZ Compliance

Scheme	Compliance September 2017 – Bacteria	Compliance September 2017 – Protozoa
Marton		
	Bacteria /E-coli Compliant : Not Detected	Protozoa/ UVT Achieved <95% validation Compliant: Yes
	Notes: All laboratory reports indicate that the water quality is within its limits for compliance with New Zealand Drinking water Standards for the month of August 2017. We are also now on table 4.2a for twice weekly sampling of DWS. GNS report on Calico Line completed, MRT > 175 years, indicating a stable supply of ground water.	
Taihape		
	Bacteria /E-coli Compliant : Not Detected	Protozoa/ UVT Achieved <95% validation Compliant: Yes
	Bacteriologically noncompliant due to incorrect frequency of sampling of water from the plant. Due to a snow storm, and road closures on the 13 th July 2017 one water sample was missed for the compliance schedule, as a result it will show as a non compliance. Additional scheduling should move this back to compliance. There have been no issues with respect to the quality of water. No traces of leading bacteria E-coli found, all laboratory reports indicate that the water quality is within its limits for compliance with New Zealand Drinking water Standards.	
Bulls		
	Bacteria /E-coli Compliant : Not Detected	Protozoa/ UVT Achieved <95% validation Compliant: Yes
	Bacteriologically and protozoally compliant. All laboratory reports indicate that the water quality is within its limits for compliance with New Zealand Drinking water Standards for the month of September 2017. FACE levels did fluctuate, did not affect retic amounts of FAC.	
Mangaweka		

Scheme	Compliance September 2017 – Bacteria	Compliance September 2017 – Protozoa
	Bacteria /E-coli Compliant : Not Detected	Protozoa/ UVT Achieved <95% validation Compliant: Yes
	Bacteriologically and protozoally compliant. All laboratory reports indicate that the water quality is within its limits for compliance with New Zealand Drinking water Standards for the month of September 2017	
Ratana		
	Bacteria /E-coli Compliant : Not Detected	Protozoa/ UVT Achieved <95% validation Compliant: Data dependant
	There is currently no ability to treat protozoa adequately at the Ratana plant. This should be rectified when secure bore status is conferred on the new Ratana bore, due to be commissioned later this year. Received GNS report on Ratana well. This had a ground water time of, MRT > 175 years, indicating a stable supply of ground water not affected by water run off. This will go towards 'secure bore status.' As defined in DSW standards (2008)	
Hunternville Urban	Bacteria /E-coli Compliant : Not Detected	Protozoa/ UVT Achieved <95% validation Compliant: Data dependant
	Bacteriologically compliant. NTU units not being measured over 2.0 Data dependant.	

4 Section 69Z of the Health Act 1956

4.1 Pursuant to s69Z the Health Act 1956 Water Safety Plans must be in place for all plants. Reviews of each Water Safety Plan are required to take place on an annual basis.

4.2 Table 1 shows the status of the Water Safety Plan, at the end of May 2017, 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	Up to date. Due next in June 2018	June 2021	WSP is up to date and reflective of plant operation – no immediate action required	N/A
Hunterville Urban	Approved June 2017	Up to date. Due next in May 2018	May 2022	WSP is up to date and reflective of plant operation – no immediate action required	N/A
Mangaweka	Approved June 2017	Up to date. Due next in May 2018	May 2022	WSP is up to date and reflective of plant operation – no immediate action required	N/A
Marton	Approved December 2015	Up to date. Due next in December 2017	December 2020	WSP is up to date and reflective of plant operation – no immediate action required	N/A
Ratana	No Water Safety Plan in place in place at present	-	-	Ratana WSP is to be completed in tandem with the completion of the new WTP at Ratana	Await completion of bore and plant at Ratana
Taihape	Approved September 2015	Up to date. Due next in September 2017 Review pending.	September 2020	WSP is up to date and reflective of plant operation – no immediate action required	N/A

5 Wastewater

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

Table 2: Consent Compliance – Wastewater Treatment Plants

Scheme	Compliance August 2017	Comments	Actions
Marton	Compliant	Improved on previous month for stream BOD.	Flow meter to be examined. (Report 19/9/17)
Taihape	Non-compliant	Non-compliant with respect to flow volume and rate in September 2017. However quality results are improving and within compliance limits for the month of September.	A compliance pathway for this treatment plant has been agreed with Horizons Regulatory Manager. Details on new consent, or variation are pending. (Report 19/9/17) Reporting requirements from this agreement are included as appendix to this report.
Bulls	Not Assessed	A consent renewal application has been lodged with Horizons. Discharge rates are elevated for September 2017	Report from 19/9/17 Horizons advised RDC staff that application on hold. Planning to pipe waste water from Marton to treat may require larger volumes to add to the consent conditions. Consultation ongoing.
Mangaweka	Compliant	-	Annual report completed and sent to HRD (25/09/2017)

Scheme	Compliance August 2017	Comments	Actions
Huntermville	Non-compliant	Regular exceedances of the maximum daily discharge volume have been recorded in September 2017.	<p>A draft consent variation was lodged on 1 December 2016 in order that the consent will reflect the accurate maximum daily discharge volume. As of 19/9/17 Application is still being processed.</p> <p>This action is part of the compliance pathway for this treatment plant that has been agreed with Horizons Regulatory Manager. Reporting requirements from this agreement are included as appendix to this report.</p>
Ratana	Compliant	Compliant for September 2017. Sample taken 7/09/17	End of period statistics show that numerical standards that apply to five RDC effluent sampling parameters have been achieved.
Koitiata	Compliant	Compliant with respect to sampling requirements, however flow cannot currently be assessed due to issues with the flowmeter	Operations are working to restore the flowmeter at Koitiata ongoing.

6 Recommendation

6.1 That the report '3 Water Compliance – September 2017' be received.

Appendix 1 – Hunterville and Taihape WWTP Agreed Compliance Pathway Progress Reporting

Purpose

This appendix reports RDC's progress against the compliance pathway agreed with Horizons Regional Council for Hunterville and Taihape Wastewater Treatment Plants, and as set out in the letter delivered by Ross McNeil to Michael McCartney at the Horizons Environment Committee Meeting of 11 May 2016.

It has been agreed that monthly progress reports will continue to be provided to Greg Bevin, Horizons Regulatory Manager.

No further actions were recorded as of this month September 2017. Received report, dated 19th September 2017.

Received:

Horizons Rangitikei District Council Report Wastewater Treatment Plant Report.

Consent 105518,7312,105833,6406,7400,101726,105079

Reporting Period 1 Feb 2017- 31 August 2017.

From Robert Rose – Horizons Regional Council

Attachment 6

19 September 2017

Rangitikei District Council
Private Bag 1102
Marton 4741

File ref: 5/8/RDC
105518, 7312,105833,6406,
7400,101726,105079
RAR:

Dear Andrew Van Bussel

RANGITIKEI DISTRICT COUNCIL WASTEWATER TREATMENT PLANTS –

On 18 September 2017 Horizons Regional Council (Horizons) completed an assessment of the Rangitikei Wastewater Treatment Plants. The assessment was based on monitoring data collected between 1 February 2017 and 31 August 2017. In addition to this information key reporting dates have been assessed.

As a result of the assessment below four significant non compliances and three non compliances were identified. The significant non compliances are primarily due to the ongoing daily discharge volume exceedances. In addition to these exceedances, exceedances in discharge and receiving environment quality standards were detected. The non compliances relate to reporting and an elevated scBOD5 concentrations. Accordingly, the time in preparing this report will be charged at 100%. An invoice detailing the time spent on this report will be sent on completion.

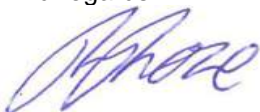
Please provide the following information prior to 31 October 2017:

- Timeline for addressing issue with Marton WWTP flow meter;
- How RDC are proposing to control the ammoniacal nitrogen spike at Hunterville WWTP during the summer months;
- Explanation of why E.coli concentrations at the Hunterville WWTP became elevated between January and May 2017;
- Comparison of discharge flow data between the old and new Bulls WWTP flow meters. Will this effect the current application;
- Please provide monthly updates on Water Outlook for the Ratana WWTP;
- Timeline to submit an application to replace the Ratana WWTP consent given the application is due prior to 31 January 2018;
- Mangaweka WWTP annual report;
- Koitiata WWTP vegetation survey results;
- Update on progress with Taihape WWTP application to adjust volume limits.

Please find attached a copy of Compliance Assessment Guidelines for your reference.

If you have any queries about the attached report, please contact me via email robert.rose@horizons.govt.nz, on direct dial 06 952 2862, or Freephone 0508 800 800.

Kind regards



Robert Rose
SENIOR CONSENTS MONITORING OFFICER

RANGITIKEI DISTRICT COUNCIL WASTEWATER TREATMENT PLANT REPORT

Consent
105518, 7312, 105833, 6406,
7400, 101726, 105079

Reporting Period
1 February 2017 to 31 August 2017



September 2017



Prepared By
Robert Rose
Senior Consents Monitoring Officer

Reviewed By
Pita Kinaston
Consents Monitoring Team Leader

SCOPE OF THE REPORT

The following assessment is based on effluent discharge quality, daily discharge volume records and receiving environment water quality records and provision of reports collected between 1 February 2017 and 31 August 2017.

EXECUTIVE SUMMARY

As a result of the assessment below four significant non compliances and three non compliances were identified. The significant non compliances are due to the ongoing daily discharge volume exceedances. In addition to this exceedances in discharge and receiving environment quality were detected. The non compliances relate to reporting and an elevated scBOD5 concentrations.

It is acknowledged that Rangitikei are in the process of applying for variations, new consents or drafting applications to address the volume exceedances.

As a result of these assessments Horizons has requested clarification on several matters to be provided prior to 31 October 2017.

- Timeline for addressing issue with Marton WWTP flow meter;
- How are RDC proposing to control the ammoniacal nitrogen spike at Hunterville WWTP during the summer months;
- Explanation of why E.coli concentrations at the Hunterville WWTP became elevated between January and May 2017;
- Comparison of collected data between the old and new Bulls WWTP flow meters. Will this effect the current application;
- Please provide monthly updates on Water Outlook for the Ratana WWTP;
- Timeline to submit an application to replace the Ratana WWTP consent given the application is due prior to 31 January 2018;
- Mangaweka annual report;
- Koitiata WWTP vegetation survey;
- Update on progress with Taihape WWTP application to adjust volume limits.

Table 1: Compliance summary

Rangitikei District Council - Wastewater Treatment Plant Performance 1 February 2017 - 31 August 2017					Requested Action	Reports Received	Pathway to Compliance	Annual Reports Due
WWTP	R2D2	Compliance	Details of non compliance	Condition	Required prior to 31 October 2017			
Taihapa	105518	Significant Non Comply	Wastewater daily volume limit.	3 & 4	Update on application to change daily discharge volume	Annual Report 2017 (28 June 2017)	Variation or new consent application expected	30-Jun
Marton	7311, 7312	Non Comply	ScBOD5	1h	Replace or fix the flow meter.		An application to replace this consent is required prior to 1 October 2018 (see Table 2).	NA
Hunternville	105833	Significant Non Comply	Wastewater daily volume limit, Ammoniacal Nitrogen, E.coli, Porewa flow recorder	3, 15(c), 15(e), 16(j)	As a summer spike in ammoniacal nitrogen occurred in 2016 and 2017, please advise what RDC are proposing to do to prevent this from occurring in the future. In addition to this can RDC explain why E.coli concentrations were elevated between January and May 2017?	Annual Report 2017 (28 June 2017), Application to increase volume	An application is currently being processed.	30-Jun

Bulls	6406	Significant Non Comply	Daily limit	4	<p>Recently a new discharge flow meter was installed to increase the accuracy of the data. Please advise if there is a significant difference between the two meters. If so how is RDC going to account for this change in their application.</p> <p>How does RDC want Horizons to progress the Bulls WWTP application?</p>	Macroinverteb rate report received on 14 August 2017 in accordance with condition 11	Application currently on Hold. As discussed if RDC are proposing to pipe the wastewater from the Marton Plant to Bulls a new application will need to be submitted as the volume will significantly increase.	NA
Ratana	7400	Significant Non Comply	Daily limit	1	As discussed please provide monthly updates on Water Outlook for the Ratana WWTP. In addition to this please submit a timeline to submit an application to replace this consent given the application is due prior to 31 January 2018.		An application to replace this consent is required prior to 31 January 2018 (see Table 2).	NA
Mangaweka	101726	Non Comply	Annual Report		Please provide annual report		Provide annual report	30-Jun
Koitiata	105079, 106028	Non Comply	Vegetation survey	20, 24	Please provide vegetation survey report	Annual report 2017	Provide report	30-Apr

Horizons are currently changing their data system as a result the consent reference numbers will change. Historically all consent numbers have been referenced to the R2D2 number. Between now and the end of this financial year both R2D2 numbers and IRIS numbers will be used when referring to a consent (See Table 2 for details). As of 2018/2019 financial the R2D2 numbers will no longer be used.

It should be noted that in order for RDC to obtain existing use rights an applications to replace the Ratana and Marton WWTPs need to be submitted in 2018 (see Table 2 for details). Of particular note the Ratana WWTP application needs to be submitted prior to 31 January 2018.

Table 2: Wastewater Treatment Plant consents

Rangitikei District Council	IRIS	R2D2	Commence	Expire Date	Existing use six months
Taihape	ATH-2014013572.00	105518	3-Jun-14	1-Jul-27	1-Jan-27
Marton	ATH-1998003706.00	7312	30-Apr-98	31-Mar-19	1-Oct-18
Hunterville	ATH-2014013934.00	105833	7-Mar-14	1-Jul-37	1-Jan-37
Bulls	ATH-1996004798.00	6406	29-Oct-96	1-Nov-06	1-May-06
Ratana	ATH-1998003835.00	7400	26-Aug-98	31-Jul-18	31-Jan-18
Mangaweka	ATH-2004009218.01	101726	13-Apr-14	19-Mar-24	19-Sep-23
Koitiata	ATH-2011013060.00, ATH-2011014172.00	105079, 106028	12-Dec-11	1-Jul-24	1-Jan-24
Duddings Lake	ATH-2003010101.00	NA	20-Mar-03	27-Feb-23	27-Aug-22

CONCLUSION

As a result of the assessment below four significant non compliances and three non compliances were identified. The significant non compliances are due to the ongoing daily discharge volume exceedances. In addition to this exceedances in discharge and receiving environment quality were detected. The non compliances relate to reporting and an elevated scBOD5 concentrations.

It is acknowledged that Rangitikei are in the process of applying for variations, new consents or drafting applications to address the volume exceedances.

As a result of the above assessments, Horizons has requested clarification on several matters to be provided prior to 31 October 2017.

- Timeline for addressing issue with Marton WWTP flow meter;
- How are RDC proposing to control the ammoniacal nitrogen spike at Hunterville WWTP during the summer months;
- Explanation of why E.coli concentrations at the Hunterville WWTP became elevated between January and May 2017;
- Comparison of collected data between the old and new Bulls WWTP flow meters. Will this effect the current application;
- Please provide monthly updates on Water Outlook for the Ratana WWTP;
- Timeline to submit an application to replace the Ratana WWTP consent given the application is due prior to 31 January 2018;
- Mangaweka annual report;
- Koitiata WWTP vegetation survey;
- Update on progress with Taihape WWTP application to adjust volume limits.

If RDC has not commenced the process towards completing applications for the Marton and Ratana WWTPs Horizons strongly recommend this work to be prioritised.

As discussed if it is intended to pipe the wastewater from the Marton WWTP to the Bulls WWTP a new application will need to be submitted. Clarifications around RDC intentions would be much appreciated prior to 31 October 2017.

12 July 2017

Rangitikei District Council
Private Bag 1102
MARTON 4741

ATTN: Andrew Van Bussell

Dear Andrew,

File ref: (5/8/RDC)
APP-2001009206.00
APP-1996004121.00
(5/1/RDC)
APP-2004010818.00
APP-2007012137.00
APP-2007012135.00
APP-2014200014.00
APP-2007012137.00
5/3/RDC
APP-1996004150.00
APP-2012015514.00
TKE:RAR

RECEIVED

14 JUL 2017

To: AUB
File: 6-W 5-3-11
Doc: 17 0729

This compliance monitoring report is for Rangitikei District Council Water Supply Resource Consents; Taihape, Mangaweka, Bulls, Erewhon, Omatane, Ratana, Hunterville and Marton. Data provided and information contained in Horizons Regional Council files has been used to assess how these sites have performed with the relevant consent conditions for period 1 May 2016 - 31 March 2017. Below are copies of the relevant consent conditions along with comments from the assessment relating to compliance.

Please note that consents complying with its conditions at the time of this invoice, have been charged 65% of the full charge as detailed in the attached cost sheet. Consents non-complying with its conditions at the time of this invoice will be charged 100% of the charge as detailed in the cost sheet.

Please find attached a copy of Horizons Regional Council's Compliance Assessment Guidelines for your reference.

If you have any queries about the attached report, please contact me via email tracey.evans@horizons.govt.nz or on 06 952 2947.

Kind regards



Tracey Evans
CONSENTS MONITORING OFFICER

Kairanga

Marton

Palmerston North

Taihape

Taumarunui

Wanganui

Woodville

COMPLIANCE REPORT RANGITIKEI WATER SUPPLIES

Consents

101722(TAIHAPE), 103081(MANGAWEKA), 6903, 103868 (BULLS),
103986,103987(EREWHON), 103988(OMATANE), 103989 (HUNTERVILLE), 106125,
6929, 6853, (MARTON), APP-2014200014.00 (RATANA).

Reporting Period
1 May 2016 - 31 March 2017



Kairanga

Marton

Palmerston North

Taihape

Taumarunui

Wanganui

Woodville

2

SCOPE OF REPORT/EXECUTIVE SUMMARY

This compliance report assesses compliance against Rangitikei District Council Water Supply Resource Consents. Annual report/data assessment undertaken on 28.05.2017

Water Permit 101722 - Taihape

1. *This Permit authorises the abstraction of surface water from the Hautapu River at approximate map reference T21:420-738 near the property legally described as Motukawa 2B7A Blks V IX Ohinewairua SD Blks VIII XII Maungakaretu SD. The maximum daily (over period midnight to midnight) abstraction of water shall not exceed 2,900 metres per day (2,900 m³/day).*

For the reporting period 1 April 2016 – 31 March 2017 the above abstraction rate has mostly been complied with however between the 7-18th of June 2016 there were a few minor exceedances (less than one percent over). Please continue to ensure that 2900m³/day is complied with.

COMPLY

2. *Subject to Condition 1 the maximum rate of abstraction shall not exceed 126 cubic metres per hour (126m³/hr) or 35 litres per second (35l/s).*

For the reporting period 1 April 2016 – 30 March 2017 the above abstraction rate has been complied with however on the 2nd of March there were a couple of minor non-compliances (less than one percent over). Please continue to ensure that 126m³/hr is complied with.

COMPLY - FULL

3. *Subject to Condition 1 and 2, the maximum rates of abstraction from the Rangitikei River under the authorisation of this Permit shall not exceed the following rates:*
 - a. *For the first three years following the commencement of this Permit (31 May 2005 - 30 May 2008) up to 2,900 cubic metres per day at a maximum rate of 126 cubic metres per hour or 35 litres per second.*

No Longer Applicable

- b. *For the remaining term of this Permit (31 May 2008 - 31 May 2020)*
 - i. *Up to 2,900 cubic metres per day at a maximum rate of 126 cubic metres per hour or 35 litres per second when flow in the Hautapu River measured at the NIWA operated flow gauging station at Alabasters exceeds 0.69 cubic metres per second (0.69m³/sec); and*
 - ii. *2,225 cubic metres per day at a maximum rate of 93 cubic metres per hour or 26 litres per second when flow in the Hautapu River measured at Alabasters is less than or equal to 0.690 cubic metres per second (0.690m³/sec).*

Note: From October 2005 flow information for the Hautapu River at Alabasters can be obtained by phoning the Manawatu-Wanganui Regional Council's Interactive Voice

Response system (0508 435 663) or on the Regional Council's website www.horizons.govt.nz.

Note: Water can be abstracted at times of low river flow in terms of an emergency as specified in the Act

For the reporting period 1 April 2016 – 31 March 2017 the flow of the Hautapu River as measured at the Alabasters flow site did not drop below 0.69m³/sec

The updated Activity Management Plan states *'There are currently issues with over-abstraction at the Taihape intake, owing to the hydraulic grade line of the raw water main. The setup is such that under certain conditions, the pipe becomes airlocked. This problem is under investigation at the moment. Through discussions with Horizons Regional Council, we hope to undertake works at the intake to ensure that over-abstraction does not occur, and air is not entrained in the main. These proposed works have been approved by Horizons, and will be carried out in the near future.'*

I understand that you are planning on looking at a way of keeping the pipe full and extracting less so that you can keep within your consent limits. The bypass valve operation is working well to return excess water to river further downstream. I understand RDC will be applying for a variation to consent to encompass the bypass valve arrangement as soon as practicable. **Can you please provide an update as to where RDC is at with this by 1 July 2017.**

COMPLY – NEEDS ATTENTION

4. *By 1 November 2005, the Permit Holder shall, install and maintain, in fully operational condition, two flow meters that record the total abstraction. The flow meters shall be traceably calibrated to +/- 10% or better and be capable of providing daily water use records as well as a pulse counter output. The pulse counter output will be monitored at regular intervals by the Regional Council to ensure compliance with Water Permit conditions and as part of a programme to monitor catchment water use. One of the flow meters shall be placed at a point of abstraction to measure the rate of abstraction and the entire volume abstracted. The second flow meter shall be placed to enable measurement of the rate of diversion and the entire volume diverted to the unnamed tributary of the Hautapu River.*

A flowmeter with pulse output is installed on the abstraction line and there are also flowmeters installed to measure the volume of water that comes into the Water Treatment Plant and the volume of water that is consumed by the town. Therefore through these measurements, the volume of water diverted back to the Hautapu River can be measured. **COMPLY - FULL**

5. *Prior to 1 November 2005 the Permit Holder shall keep an accurate record of the daily water volumes taken into the Taihape Water Treatment Plant and record it in an Environmental Log. If no water is taken a 'Nil' measurement shall be recorded. A copy of this log, in an electronic form, is to be sent to the Manawatu-Wanganui Regional Council's Team Leader of Compliance Monitoring within 10 working days of the end of each calendar month and upon request.*

No Longer Applicable

6. *After 1 November 2005 the Permit Holder shall keep hourly records of the rates and volumes of water abstracted from the Hautapu River under the authorisation of this Permit using the flow meter and GPRS data logger/telemetry unit as required by condition 4. The records shall be supplied automatically through the telemetric system linked to the Manawatu-Wanganui Regional Council.*

COMPLY - FULL

7. *The Permit Holder shall provide the Manawatu-Wanganui Regional Council's staff or its agents, with reasonable access to enable monitoring of water use.*

COMPLY - FULL

8. *By 1 July 2005, the Consent Holder shall provide the Manawatu-Wanganui Regional Council's Team Leader Compliance with a copy of the Activity Management Plan for the Taihape Water Supply. The Activity Management Plan shall include:*

- i. Measures to identify and address leakage in the system, including details of the repair and maintenance program for the Water Supply,*
- ii. Measures to encourage reduction in water use during times of low flow, including reduction in industry use;*
- iii. Management of rural, stock, domestic and industry use;*
- iv. Prevention of illegal water usage with the rural area;*
- v. Monitoring and recording of water consumption;*
- vi. Notification to Manawatu-Wanganui Regional Council of person(s) or position(s) responsible for monitoring the Hautapu River Flow Record; and*
- vii. Proposed completion dates of management initiatives.*

The Consent Holder shall provide the Manawatu-Wanganui Regional Council's Team Leader Compliance with a revised copy of the Activity Management Plan within 2 months of any significant changes being made to the Plan.

Note: Activity Management Plans are prepared by the District Council under the Local Government Act and guide the operations and maintenance of Council assets.

The draft updated Activity Management Plan was submitted to HRC in March 2015. Please submit the final Management Plan by **1 August 2017**.

COMPLY –NEEDS ATTENTION

9. *The Permit Holder shall ensure that all parts of the Water Supply Scheme, including but not limited to the water intake, reticulation, water holding structures and treatment plant performance, are maintained and managed in effective condition throughout the term of this Permit to ensure that water wastage is minimised.*

Please ensure that all parts of the Water Supply Scheme are maintained in effective condition to ensure that water wastage is minimised. **COMPLY**

The overall rating for this resource consent is **COMPLY-NEEDS ATTENTION**

Water Permit 103081 - Mangaweka

1. *This Water Permit authorises the abstraction of surface water from the Rangitikei River at approximate map reference (T22:504-512) on property legally described as Sec 114 Pt Sec 52 Blk X Hautapu SD. The maximum daily (over period midnight to midnight) abstraction of water shall not exceed one hundred and seventy cubic metres per day (170 m³/day).*

HRC receive abstraction data via File Transfer Protocol (FTP) and Water Outlook. For the period 1 April 2016– 1 April 2017, there were 18 days where the reported daily abstraction was over 170m³/day. A verification certificate has now been submitted to show flow meter accuracy when flows are higher than 5m³/sec however when the test was run at flows lower than this, the accuracy was skewed; this is due to the incorrect installation and pipework requiring alterations. Exceedances were in August December and January. The August exceedances were due to technical issues. One issue was with the control system during which time staff managed to manipulate flows to try and stay within consent limits and refill the reservoir, unfortunately overnight there was then a malfunction with the filter valve. Another issue in August was a loss of communications between the treatment plant and the intake, where the intake pumps did not shut down and continued to run until the operator switched the main power off, therefore breaching consent limits for the previous day. This was managed particularly well to keep everything running smoothly and HRC were kept in the loop the entire time while the issues were fixed quickly. The December and January exceedances were due to high usage at a trucking company causing the reservoir to reach very low levels, in addition to ongoing leakage in the system. There has been a remarkable improvement in the number of leaks in the system from previous reporting periods. Exceedances have definitely improved since the last reporting period, thank you for your continued work in investigating where leaks and off –takes have been interfering with your volumes and for notifying Horizons when you are having a problem.

COMPLY-ON TRACK

2. *Subject to Condition 1 the maximum rate of abstraction shall not exceed 33 cubic metres per hour (33m³/hr) or 9.2 litres per second (9.2 l/s).*

HRC receive abstraction data via File Transfer Protocol (FTP). For the reporting period 1 April 2016 – 31 April 2017, the above abstraction rate was complied with.

COMPLY

3. *The Permit Holder shall, by 1 December 2005, install and maintain in fully operational condition, a flow meter. The Permit Holder is responsible for ensuring that the metre is traceably calibrated to +/- 10% or better and that it is capable of providing daily water use as well as a pulse counter output. The pulse counter output will be monitored at regular intervals by the Regional Council to ensure compliance with Water Permit conditions and as part of a programme to monitor catchment water use.*

Note: The flow meter shall be placed at the point of abstraction to measure the rate of abstraction and the entire volume abstracted.

A flowmeter with pulse counter output is installed on the abstraction line up at the Water Treatment plant off Reservoir Road, at approximate map reference NZMS

T22:491-525. The verification certificate was submitted in February 2017 to show flow meter accuracy when flows are higher than 5m³/sec however any flows lower than this then the accuracy was skewed; this is due to the incorrect installation and pipework requiring alterations.

COMPLY

4. *The Permit Holder shall keep daily records of the rates and volumes of water abstracted from the Rangitikei River under the authorisation of this Permit until 1 December 2005. If no water is taken in any day a 'nil' measurement will be recorded. A copy of this abstraction record, shall;*
 - i. *be sent to the Manawatu-Wanganui Regional Council's Team Leader Compliance within 10 working days of the end of each calendar month; and*
 - ii. *be supplied upon request from the Manawatu-Wanganui Regional Council's Team Leader Compliance.*

This was likely to be an oversight by HRC and I consider that the intention would have been to have telemetry installed after 1 December 2005; however, no such condition exists in this resource consent. Currently abstraction data is transferred to HRC via FTP. **NO LONGER APPLICABLE**

5. *The Permit Holder shall provide the Manawatu-Wanganui Regional Council's staff and its agents with reasonable access to enable monitoring of water use.*

HRC staff are provided with the required access.

COMPLY

6. *The Permit Holder shall, within one month of the commencement of this Water Permit (By 7 April 2005), prepare and implement a Water Conservation Plan for the Mangaweka Water Supply Scheme. The objectives of this plan should be the efficient and wise use of water to ensure that the abstraction limits of condition 1 and 2 are not exceeded. The Plan shall address the following matters:*
 - i. *Management of rural, stock and domestic use;*
 - ii. *Prevention of illegal water usage within the rural area;*
 - iii. *How restrictions will be applied within the Mangaweka township;*
 - iv. *Addressing leakage within the reticulation system; and*
 - v. *An implementation plan detailing completion dates of management initiatives.*

The Permit Holder shall at all times operate in accordance with the Water Conservation Plan.

Updates have been made to the Water Conservation Plan, this was submitted on 26 March 2015 via the RDC Asset Management Plan – section Mangaweka Water. No changes have been submitted during the reporting period. **COMPLY**

7. *The Permit Holder shall ensure that a copy of the Water Conservation Plan is forwarded to the Manawatu-Wanganui Regional Council's Team Leader Compliance on completion. The plan will be updated and submitted to the Manawatu-Wanganui Regional Council every five years from commencement of the Permit, or when there is a significant change in the water abstraction, treatment or distribution system.*

A Water Conservation Plan was provided to HRC in 2005. **COMPLY**

8. *By 1 March 2005 the Permit Holder shall provide the Manawatu-Wanganui Regional Council's Team Leader Compliance with a copy of the Activity Management Plan for the Mangaweka Water Supply. The Activity Management Plan shall include:*

- *Measures to identify and address leakage in the system;*
- *Measures to encourage reduction in water use during times of low flow;*
- *Monitoring and recording of water consumption;*
- *Notification by the Rangitikei District Council to the Manawatu-Wanganui Regional Council of person(s) or position(s) responsible for monitoring the Rangitikei River Flow Record; and*
- *Proposed completion dates of management initiatives*

The Permit Holder shall provide the Manawatu-Wanganui Regional Council's Team Leader Compliance with a revised copy of the Activity Management Plan within two months of any significant changes being made to the Activity Management Plan.

Note: The Activity Management Plan is prepared by the Rangitikei District Council under the Local Government Act and guides the operations and maintenance of Council assets. It is considered that this is the most appropriate vehicle for incorporating water conservation measures in to the system operations.

An Activity Management Plan was received in November 2004. Updates have been made to the Water Conservation Plan, this has all been submitted and meets condition requirements as at 1 September 2016.

COMPLY

The overall rating for this resource consent is **COMPLY - ON TRACK**

Water Permit 103868 - Bulls

1. *The maximum daily abstraction of groundwater from a 32 metre deep bore (No. 313069), on unformed Road Reserve off Bridge Street, Bulls (approximate map reference S23:130-106) shall not exceed 1,125 cubic metres per day (1,125 m³/day).*

The data retrieved and submitted by RDC for time period between 1 April 2016 – 1 April 2017 indicate that there were no non-compliances.

COMPLY - FULL

2. *Subject to Condition 1 the maximum rate of abstraction shall not exceed 50 cubic metres per hour (50 m³ /hour).*

Abstraction records received through File Transfer Protocol (FTP) for the period 1 April 2016 – 1 April 2017 indicate was complied with.

COMPLY-FULL

3. *The Permit Holder shall by 1 March 2007 maintain, in fully operational condition, a flow meter with a pulse counter output and a GPRS data logger/telemetry unit*

compatible with the Manawatu-Wanganui Regional Council's Telemetry System on the water abstraction line traceably calibrated to +/- 5% or better. The flow meter shall be capable of providing daily water use as well as a pulse counter output. The GPRS data logger/telemetry unit attached to the pulse counter output will be monitored by the Manawatu-Wanganui Regional Council to ensure compliance with Water Permit conditions. The flow meter shall be installed to measure the entire volume of the water abstracted under authorisation of this Permit. The Permit Holder shall have the flow meter on the Bulls Water Supply Bore No. 313069 abstraction calibrated annually by an authorised and certified contractor which confirms that the flow meter is accurate to within +/- 5% or better. This calibration shall be completed with the meter in-situ to ensure that the calibration takes into account any variability due to its location and installation. The calibration shall be completed in October of each year and the calibration certificate shall be provided to Horizons Regional Council's Team Leader Compliance by 31 October each year, commencing 31 October 2007.

A flowmeter with pulse output is installed on the abstraction line.

A verification/calibration certificate was received 2 November 2012 for a verification undertaken on 24 September 2012. This is valid until **23 September 2017**, another flow meter-verification will be required and certificate to be submitted to HRC before this date.

COMPLY-FULL

4. *The Permit Holder shall keep an accurate record of the daily water volumes and rates of water abstracted from Bore No. 313069 under this Water Permit. These records shall be documented and forwarded to the Regional Council's Team Leader Compliance, in an appropriate digital format on an annual basis by 1 December each year commencing 1 December 2007. If no water is abstracted on any day a 'nil' measurement shall be recorded.*

HRC receive the abstraction data via File Transfer Protocol (FTP). **COMPLY - FULL**

5. *The Permit Holder shall provide the Manawatu-Wanganui Regional Council staff and its agents with reasonable access to enable monitoring of water use.*
COMPLY

The overall rating for this resource consent is **COMPLY - FULL**

Water Permit 6903 – Bulls

1. *The bores shall be located at or about map reference S23:132-105 and more particularly as shown on Plan C6903 which is attached to and forms part of this permit.*

The location of these bores has not changed since the granting of the consent.
COMPLY - FULL

2. *The depth of each bore shall not exceed 18 metres below ground level.*
NOT ASSESSED

3. *The maximum combined daily abstraction from the four bores shall not exceed 1700 cubic metres per day.*

The data retrieved and submitted to HRC for the period 1 April 2016 – 1 April 2017 indicated that there were no non-compliances for this timeframe.

COMPLY-FULL

4. *The maximum combined hourly abstraction from the four bores shall not exceed 120 cubic metres.*

COMPLY-FULL

The overall rating for this resource consent is **COMPLY-FULL**

Water Permit 103986 and 103987 - Erewhon

1. *The consent holder shall undertake the activity in general accordance with the consent application including all accompanying plans and documents first lodged with Manawatu-Wanganui Regional Council on 27 February 2007.*

In addition, where there may be inconsistencies between information provided by the applicant and conditions of the resource consent, the conditions of the resource consent apply.

Advice Note: Any change from the location, design concepts and parameters, implementation and/or operation may require a new resource consent or a change of consent conditions pursuant to Section 127 of the Resource Management Act 1991.

COMPLY - FULL

2. *The maximum daily abstraction of water from the Reporoa Stream on property legally described as Pt Awarua I DB No 2 Blks VII VIII XI XII Pukeokahu SD at approximate map reference U21:774-740 shall not exceed 1,800 cubic metres per day (1,800 m³/day).*

HRC have telemetry installed at the abstraction site to log and transfer the abstraction volumes. This data indicates that the maximum daily abstraction rate has been complied with for the time period 1 April 2016 – 1 April 2017.

COMPLY- FULL

3. *Subject to Condition 2, the maximum instantaneous rate of abstraction shall not exceed 21 litres per second (21 L/s).*

HRC have telemetry installed at the abstraction site to log and transfer the abstraction volumes. This data indicates that the maximum hourly abstraction rate has been complied with.

COMPLY- FULL

4. *Within 3 months of commencement of this Permit, the Permit Holder shall maintain, in fully operational condition, a flow meter with a pulse counter output and a GPRS data logger/telemetry unit compatible with the Manawatu-Wanganui Regional Council's telemetry system on the water abstraction line, traceably calibrated to +/- 5 % or better. The flow meter shall be capable of providing daily water use as well as pulse*

counter output. The flow meter shall be installed to measure the entire volume of water abstracted under authorisation of this Permit.

- i. The flow meter shall be positioned within straight lengths of steel pipe of uniform wall thickness (excluding flanges) before and after the meter.
- ii. For the purpose of this condition, the pipe on either side of the flow meters shall be equal diameter. The length of straight pipe before and after the flow meters shall be the greater of:
 - a. 10 times the external diameter of the pipe before the meter's inlet flange and 5 times the external diameter of the pipe after the meter's outlet flange;
 - b. 1.5 m before the flow meter inlet flange and 0.75 m of pipe after the flow meter outlet flange;
 - c. the length of pipes specified by the flow meter manufacturer to enable accurate flow measurement to be achieved.

Note: Spiral welded pipe will not meet the "uniform" wall thickness specifications above.

A flowmeter with pulse output is installed on the abstraction line.

COMPLY- FULL

5. The Manawatu-Wanganui Regional Council may attach monitoring equipment / telemetry to monitor water use to ensure compliance with Water Permit conditions and as part of a programme to enable monitoring of the total catchment water use.

COMPLY- FULL

6. Within 3 months of commencement of this Permit the Permit Holder shall keep hourly records of the rates and volumes of water abstracted from the bore under the authorisation of this Permit using the flow meter and GPRS data logger / telemetry unit as required by Condition 2. The records shall be supplied automatically through the telemetry system linked to the Manawatu-Wanganui Regional Council.

Note: The Council's Manager Resource Data is committed to providing reasonable assistance and advice to facilitate the installation of telemetry equipment at the point of abstraction. For information please contact Manawatu-Wanganui Regional Council's Hydrology Team.

HRC have installed a telemetry system at the site.

COMPLY- FULL

7. Where telemetry equipment fails for reasons other than fair wear and tear, replacement or repair shall be at the Permit Holder's expense and replacement will be required within seven days.

NOT ASSESSED

8. The consent holder shall provide the Manawatu-Wanganui Regional Council staff or its agents with reasonable access to enable monitoring of water use.

COMPLY-FULL

9. With the exception of network power failure or network maintenance the consent holder shall ensure that power supply is maintained at the site at all times.

Note: If power supply is lost at the site due to Permit Holder negligence or abuse and telemetry units require recalibration by Manawatu-Wanganui Regional Council staff, the costs associated will be recovered from the Permit Holder.

COMPLY- FULL

10. By **1 May 2011**, the Permit Holder shall undertake at least ten gaugings, at least seven days apart, within 500 metres upstream of the weir used for abstracting water under this Permit, when the flow at the Rangitikei at Pukeokahu flow recorder is less than 8.7 cubic metres per second (8.7 m³/s), with at least five of these measurements taken when the flow is less than 5.3 m³/s at the Rangitikei at Pukeokahu flow recorder. The results of these gaugings shall be submitted to the Manawatu-Wanganui Regional Council's Environmental Protection Manager by **31 May 2011**.

Advice Note: The Manawatu-Wanganui Regional Council's Environmental Protection Manager can be contacted by telephoning 0508 800 800.

Advice Note: Flow information for the Rangitikei River at the Pukeokahu flow recorder is available by phoning the Manawatu-Wanganui Regional Council's Waterline (0508 435 663) or by visiting the website on www.horizons.govt.nz.

HRC has received 10 gaugings undertaken within 500m of the weir as below. The final gauging was not completed until March 2016 because the river flow did not drop below 5.3m³/sec until this time.

- 30.01.14 river flow 6136 l/s. gauging flow 30.1l/s
- 06.02.14, river flow 5247 l/s gauging flow 30.1l/s
- 13.02.14, river flow 7271 l/s gauging flow 30.1l/s
- 20.02.14, river flow 5028 l/s gauging flow 30.1l/s
- 27.02.14 river flow 4143 l/s gauging flow 30.1l/s
- 07.03.14, river flow 4309 l/s gauging flow 30.1l/s
- 25.03.14, river flow 5713 l/s gauging flow 30.1l/s
- 02 04 14 river flow 4139 l/s gauging flow 30.1l/s
- 10.03.2015 river flow 6295l/s gauging flow 30.1 l/s
- 11.03.16 river flow 4896 l/s gauging flow 30.1l/s

COMPLY-FULL

11. The Permit Holder shall ensure that any maintenance work undertaken on the weir, does not result in:
- a. Any machinery leaking fuel, lubricants, hydraulic fluids or solvents into a watercourse, or in a position where spills may enter water;
 - b. Any refuelling of any vehicles, machinery or equipment within the bed of a watercourse, or in a position where spills may enter water; The storage of fuel or contaminants adjacent to a watercourse which may cause fuel or contaminants to enter water; and
 - c. Contaminants, including but limited to, oil, hydraulic fluid, petrol, diesel and other fuels and lubricants, but excluding sediment, being released to water in a watercourse.

NOT ASSESSED

12. *The Manawatu-Wanganui Regional Council may, under Section 128 of the Resource Management Act 1991, initiate a review of all conditions of this Permit in the month of May in the years **2012, 2015, 2017 and 2023**. The reviews shall be for the purpose of reviewing the effectiveness of the conditions in avoiding or mitigating any adverse effects on the environment which may arise as a result of the exercise of this Permit. The review may be necessary to:*
- i. assess the water abstraction volumes and rates detailed in Conditions 2 and 3 of this Permit for consistency with any review of any Regional Water Allocation Policy developed, and if necessary change the monitoring outlined in Conditions 4, 5, 6, 7 and 8 of this Permit;*
 - ii. deal with any significant adverse effects on the environment which may arise as a result of this Permit; and*

The review of conditions shall allow for:

- i. the deletion or amendment of any of the conditions of this Permit; or*
- ii. the addition of new conditions as necessary to avoid, remedy or mitigate any adverse effect on the environment.*

Note: Any review exercised under this condition may result in the abstraction volume and / or rate being reduced and / or restricted, or restrictions being placed on the abstraction volume and / or rate during low flow conditions.

NOT ASSESSED

13. *The Manawatu-Wanganui Regional Council may, under Section 128(1)(b) of the Resource Management Act 1991, initiate a review of all of the conditions of this Permit at any time throughout the term of this Permit when a regional plan has been made operative which sets rules relating to maximum or minimum levels or flows or rates of use of water, and in the Manawatu-Wanganui Regional Council's opinion it is appropriate to review the conditions of this Permit in order to enable the levels, flows, rates or standards set by any rule to be met. The review shall be for the purpose of reviewing the effectiveness of the conditions in avoiding or mitigating any adverse effect on the environment, which may arise as a result of the exercise of this Permit, in response to any future Regional Water Allocation Plan.*

NOT ASSESSED

The overall rating for this resource consent is **COMPLY-FULL**

Water Permit 103988 - Omatane

1. *The maximum rate of abstraction of surface water from the unnamed tributary of the Makino Stream on the property legally described as Lots 1 & 2 of Section 2 BLK II Ruahine SD at approximate map reference U22:707-589 under the authorisation of this Permit shall not exceed 300 m³ per day (300 m³/day) at a maximum rate of 3.5 litres per second (3.5 L/s).*

HRC have telemetry installed at the abstraction site to log and transfer the abstraction volumes. For the period 1 April 2016 – 1 April 2017 the data received indicates that these limits were complied with.

COMPLY - FULL

2. *The Permit Holder shall maintain, in fully operational condition, a flow meter with a pulse counter output and a GPRS data logger / telemetry unit compatible with the Manawatu-Wanganui Regional Council's Telemetry System on the water abstraction line traceably calibrated to +/- 5 % or better. The flow meter shall be capable of providing daily water use as well as a pulse counter output. The GPRS data logger / telemetry unit attached to the pulse counter output will be monitored by the Manawatu-Wanganui Regional Council to ensure compliance with Water Permit conditions and as part of a programme to enable monitoring of total catchment water use. The flow meter shall be installed to measure the entire volume of water abstracted under authorisation of this Permit. Where telemetry equipment fails for reasons other than fair wear and tear, replacement or repair will be at the Permit Holder's expense and replacement will be required within seven days. The length of straight pipe before and after the flow meter shall be the **greater** of:*
- 10 times the external diameter of the pipe before the meter's inlet flange and 10 times the external diameter of the pipe after the meter's outlet flange.*
 - 1.5 m metres before the flow meter inlet flange and 0.75 m of pipe after the flow meter outlet flange.*
 - the length of pipes specified by the flow meter manufacturer to enable accurate flow measurement to be achieved.*

The flow meter and length of straight pipe before and after the meter (as specified above) shall be easily and safely accessible and is to be installed so as to be between 100 mm and 1,200 mm above ground level. The flow meter shall be positioned within straight lengths of steel pipe of uniform wall thickness (excluding flanges) before and after the meter. For the purpose of this clause, the pipe on either side of the flow meter shall be of equal diameter.

Note: *Spiral welded pipe will not meet the "uniform" wall thickness specifications above.*

A flowmeter with pulse output is installed on the abstraction line. Please ensure that the flowmeter is maintained in fully operational condition at all times, which includes maintaining its accuracy. HRC also have telemetry installed at the site.

Thank you for submitting the verification certificate for this flow meter as per National Regulations for Measuring and Reporting of Water takes. Verification for this flow meter was undertaken on 14 January 2016, certificate was received by HRC on 17 February 2016. **COMPLY - FULL**

3. *The Permit Holder shall keep hourly records of the rates and volumes of water abstracted from the unnamed tributary of the Makino Stream under the authorisation of this Permit using the flow meter and GPRS data logger / telemetry unit as required by Condition 2. The records shall be supplied automatically through the telemetry system linked to the Manawatu-Wanganui Regional Council.*

Note: *The Council's Manager Resource Data is committed to providing reasonable assistance and advice to facilitate the installation of telemetry equipment at the point of abstraction. For information please contact Horizons Regional Council's Hydrology Team. A flow meter was installed at the site in March 2008.*

Abstraction volumes are logged through the telemetry unit and transferred through to HRC at hourly intervals.

COMPLY - FULL

4. *The Permit Holder shall provide the Manawatu-Wanganui Regional Council staff or its agents with reasonable access to enable monitoring of water use.*

Advice Note: *The site of the water take is located on a working farm. Manawatu-Wanganui Regional Council staff are to be aware of farming activities and there may be the need to also contact the landowner when there is the need to access the site. It remains the responsibility of the Permit Holder to ensure access to monitoring equipment can be negotiated.*

COMPLY - FULL

5. *This Water Permit shall commence by **1 December 2008**. If this permit is not commenced by **1 December 2008** it shall lapse pursuant to Section 125 of the Resource Management Act.*

This Water Permit has been given effect to.

No longer applicable

6. *The Permit Holder shall, by **May 2011**, undertake at least ten gaugings, at least seven days apart, within 500 m upstream of the weir for this take when the flow at the Rangitikei at Pukeokahu flow recorder is less than 8.7 m³/s, with at least five of these measurements taken when the flow is less than 5.3 m³/s. The results of these gaugings are to be submitted to the Manawatu-Wanganui Regional Council's Environmental Compliance Manager by **1 July 2011**.*

Date	Time	River flow (l/s)	Upstream gauging (L/S)
25/01/2010			7.34
9/02/2010			6.94
22/02/2010			7.23
2/05/2010			24
17/06/2010			25
1/07/2010			25
26/01/2011			8.34
11/02/2011			7.84
16/06/2011			34
2/08/2011		22800	24
9/02/2012	1030	6333	8.8
16/02/2012	1100	8319	10.4
22/02/2012	920	11881	8.3
29/02/2012	1045	8012	9.9
1/03/2013		6944	4.6
8/03/2013		4109	4.3
15/03/2013		3925	4.6
22/03/2013		3699	4.6
4/04/2013		3932	4.5
18/04/2013		3942	4.6

COMPLY-FULL

7. *Manawatu-Wanganui Regional Council may, under Section 128 of the Act, initiate a review of all conditions of this Permit in the month of May in the years **2012, 2015, 2017 and 2023**. The reviews shall be for the purpose of reviewing the effectiveness of the conditions in avoiding, or mitigating any adverse effects on the environment which may arise as a result of the exercise of this Permit.*

The review may be necessary to:

- a. *assess the water abstraction volumes and rates detailed in Condition 1 of this Permit for consistency with any review of any Regional Water Allocation Policy developed, and if necessary change the monitoring outlined in Conditions 2, 3 and 4 of this Permit;*
- b. *deal with any significant adverse effects on the environment which may arise as a result of this Permit; and*

The review of conditions shall allow for:

- a. *the deletion or amendment of any of the conditions of this Permit; or*
- b. *the imposition of low flow restriction parameters in conditions 1; or*
- c. *the addition of new conditions as necessary to avoid, remedy or mitigate any adverse effects on the environment.*

Note: *Any review exercised under this condition may result in the abstraction volume and / or rate being reduced and / or restricted, or restrictions being placed on the abstraction volume and / or rate during low flow conditions and / or restricting volumes taken to align with efficiency criteria.*

NOT ASSESSED

- c. *The Regional Council may under Section 128(1)(b) of the Resource Management Act 1991, initiate a review of all of the conditions of this Permit at any time throughout the*

term of this Permit, when a regional plan has been made operative which sets rules relating to maximum or minimum levels or flows or rates of use of water and in the Regional Council's opinion it is appropriate to review the conditions of the Permit in order to enable the levels, flows, rates, or standards set by the rule to be met. The review shall be for the purpose of reviewing the effectiveness of the conditions in avoiding, or mitigating any adverse effects on the environment, which may arise as a result of the exercise of this Permit in response to any future Regional Water Allocation Plan.

NOT ASSESSED

- d. *Charges, set in accordance with Section 36(1)(c) of the Resource Management Act 1991, and Section 150 of the Local Government Act 2002, shall be paid to the Manawatu-Wanganui Regional Council for the carrying out of its functions in relation to the administration, monitoring and supervision of this resource consent and for the carrying out of its functions under Section 35 (duty to gather information, monitor, and keep records) of the Act.*

Note: *Section 36(1)(c) of the Act provides that Manawatu-Wanganui Regional Council may from time to time fix charges payable by holders of resource consents. The procedure for setting administrative charges is governed by Section 36(2) of the Act and is currently carried out as part of the formulation of the Regional Council's Long Term Council Community Plan].*

NOT ASSESSED

The overall rating for this resource consent is **COMPLY-FULL**

Water Permit 103989 - Hunterville

1. *The maximum daily abstraction of surface water from the Rangitikei River on the property legally described as PT Lots 4 5 DP450 Blk VII Ongo SD at approximate map reference T22:360-372 shall not exceed 2,500 m³/day at a maximum rate of 28.9 L/s.*

HRC receive abstraction data via File Transfer Protocol (FTP). For the period 1 April 2016 – 1 April 2017, the above abstraction rates were complied with.

COMPLY - FULL

2. *By 1 December 2007 the Permit Holder shall install and maintain, in fully operational condition, a flow meter with a pulse counter output, a data logger and a telemetry unit on the water abstraction line traceably calibrated to +/- 5 % or better. The flow meter shall be capable of providing daily water use as well as a pulse counter output. The flow meter shall be installed to measure the entire volume of water abstracted under authorisation of this Permit.*
- a. *The flow meter shall be positioned within straight lengths of steel pipe of uniform wall thickness (excluding flanges) before and after the meter.*
- b. *For the purpose of this clause, the pipe on either side of the flow meter shall be of equal diameter. The length of straight pipe before and after the flow meter shall be the greater of:*

- i. 10 times the external diameter of the pipe before the meter's inlet flange and five times the external diameter of the pipe after the meter's outlet flange;
- ii 1.5 m before the flow meter inlet flange and 0.75 m of pipe after the flow meter outlet flange; and
- iii the length of pipes specified by the Flow Meter manufacturer to enable accurate flow measurement to be achieved.

Note: Spiral welded pipe will not meet the "uniform" wall thickness specifications above.

A flowmeter and pulse counter output are installed on the abstraction line that meets the above specifications.

Thank you for submitting the verification certificate for this flow meter as per National Regulations for Measuring and Reporting of Water takes. Verification was undertaken on 6 November 2015, certificate was received by HRC on 17 February 2016.

COMPLY - FULL

3. *By 1 December 2007 the Permit Holder shall provide the Manawatu-Wanganui Regional Council with near real time access, as described in Appendix One, to its telemetered water abstraction data for the Hunterville Rural Water Supply.*

This data will be sourced from the flow meter on the intake from the Rangitikei River. Within 15 minutes of the end of each hour (Quarter past each hour of the day), the total water use information from the flow meter for that previous hour shall be available on the Rangitikei District Council's FTP Server.

Data is provided by Water Outlook however the appropriate tag for water abstraction volumes is unclear. Also for this reporting period there has been no data coming through to HRC via FTP. This appears to be an issue at RDC's end which needs to be rectified as soon as possible.

COMPLY – NEEDS ATTENTION

4. *By 1 December 2007 the Permit Holder shall ensure that the Manawatu-Wanganui Regional Council has electronic access to the Rangitikei District Council's FTP Server, that the SCADA Server is appropriately configured and that the Telemetry protocols as outlined in Appendix One, attached to and forming part of this consent, are adhered to.*

Data is provided by Water Outlook however for this reporting period there has been no data coming through to HRC via FTP. This appears to be an issue at RDC's end which needs to be rectified as soon as possible.

COMPLY – NEEDS ATTENTION

5. *Prior to 1 December 2007 the Permit Holder shall keep an accurate record of the daily water volumes abstracted including rates of abstraction and record it in an Environmental Log. If no water is taken a 'Nil' measurement shall be recorded.*

A copy of this log, in an electronic form, is to be sent to the Manawatu-Wanganui Regional Council's Environmental Compliance Manager within 10 working days of the end of each calendar month and upon request.

No longer applicable

6. *The Permit Holder shall provide to the Manawatu-Wanganui Regional Council's Environmental Compliance Manager, by each year, commencing October 2008, the monthly and annual net total of water abstracted by metered rural users.*

Data is provided by Water Outlook however the appropriate tag is unclear. Also for this reporting period there has been no data coming through to HRC via FTP. This appears to be an issue at RDC's end which needs to be rectified as soon as possible.

COMPLY – NEEDS ATTENTION

7. *The Permit Holder shall provide Manawatu-Wanganui Regional Council staff or its agents with reasonable access to sites to enable monitoring of water use.*

HRC staff are provided with reasonable access when required.

COMPLY- FULL

8. *The Manawatu-Wanganui Regional Council may, under Section 128 of the Act, initiate a review of all conditions of this Permit in the month of May in the years 2014 and 2017 and 2027. The reviews shall be for the purpose of reviewing the effectiveness of the conditions in avoiding, or mitigating any adverse effects on the environment which may arise as a result of the exercise of this Permit;*

The review may be necessary to:

- i. assess the water abstraction volumes and rates detailed in Condition 1 of this Permit for consistency with any review of any Regional Water Allocation Policy developed, and if necessary change the monitoring outlined in Conditions 2, 3, 4, 5, 6 and 7 of this Permit;*
- ii. change the flow recording site the flow restrictions are measured from, and the flows at which restrictions come into force;*
- iii. deal with any significant adverse effects on the environment which may arise as a result of this Permit; and*

The review of conditions shall allow for:

- i. the deletion or amendment of any of the conditions of this Permit; or*
- ii. the imposition of different low flow cut off parameters in conditions 1; or*
- iii. the addition of new conditions as necessary to avoid, remedy or mitigate any adverse effects on the environment.*

Note: Any review exercised under this condition may result in the abstraction volume and/or rate being reduced and/or restricted, or further restrictions being placed on the abstraction volume and/or rate during low flow conditions and/ or restricting irrigation application rates to match soil moisture deficits.

NOT ASSESSED

9. *The Regional Council may under Section 128(1)(b) of the Resource Management Act 1991, initiate a review of all of the conditions of this Permit at any time throughout the term of this permit, when a Regional Plan has been made operative which sets Rules relating to maximum or minimum levels or flows or rates of use of water and in the Regional Council's opinion it is appropriate to review the conditions of the Permit in order to enable the levels, flows, rates, or standards set by the rule to be met. The*

review shall be for the purpose of reviewing the effectiveness of the conditions in avoiding, or mitigating any adverse effects on the environment, which may arise as a result of the exercise of this Permit in response to any future Regional Water Allocation Plan.

NOT ASSESSED

10. *Charges, set in accordance with Section 36(1)c of the Resource Management Act 1991, and Section 150 of the Local Government Act 2002, shall be paid to the Manawatu-Wanganui Regional Council for the carrying out of its functions in relation to the administration, monitoring and supervision of this resource consent and for the carrying out of its functions under Section 35 (duty to gather information, monitor, and keep records) of the Act.*

[Note: Section 36(1)c of the Act provides that Manawatu-Wanganui Regional Council may from time to time fix charges payable by holders of resource consents. The procedure for setting administrative charges is governed by Section 36(2) of the Act and is currently carried out as part of the formulation of the Regional Council's Long Term Council Community Plan].

NOT ASSESSED

The overall rating for this resource consent is **COMPLY – NEEDS ATTENTION**

Water Permits 106300, 106125, 6929, 6853 – Marton

Water Permit 106300

1. *The water shall be taken from two bores either used separately or together. These bores shall be:*
 - a) *Bore 1 being a 266 metre deep bore at Calico Line, Marton, situated on Lot 2, DP 41295 at map reference S23:131-243; and*
 - b) *Bore 2 being a 268 metre deep bore at Totara Street, Marton, situated on Lot 2, DP 17825 at map reference S23:130-240.*

Water is no longer abstracted from Bore 2 at Totara Street Marton.

COMPLY - FULL

2. *Water shall only be taken from the bores for the following purposes:*
 - a) *Maintenance and testing of pumps and bores;*
 - b) *To provide an alternative to the Tutaenui reservoirs as a source of water for supply to Marton and environs while malfunctions at the Tutaenui Water Treatment Plant and/or broken water mains are being repaired. Any period of continuous abstraction of water from the bores for this purpose shall not exceed 30 days. The maximum daily quantity of water taken from the bores shall not exceed 4000 cubic metres. The maximum rate of abstraction of water shall not exceed 120 cubic metres per hour from Bore 1 and 60 cubic metres per hour from Bore 2;*

Abstraction records for the assessed period were received and indicate that abstraction complied with the above conditions. **COMPLY - FULL**

- c) *To supplement the Tutaenui reservoirs as a source of water for supply to Marton and environs for fire fighting and civil defence purposes. The maximum rate of abstraction of water shall not exceed 120 cubic metres per hour from Bore 1 and 60 cubic metres per hour from Bore 2; and*
- d) *To supplement the Tutaenui reservoirs as a source of water for supply to Marton and environs during periods of low rainfall. Water shall not be taken from the bores for this purpose for more than six months in each calendar year. The quantity taken from the bores for this purpose on any day shall not exceed 25% of the water demand from Marton and environs on that day, or 1200 cubic metres, whichever is the lesser.*

Thank you for the abstraction records received for the period 1 April 2016 – 30 March 2017. The records show that the quantities of water abstracted from the bore were very low. The bore provided water for Marton on Wednesday 9 November 2016 for three to four hours for servicing requirements. The bore was also activated 46 other times throughout the reporting period. The quantity abstracted from the bore did not exceed 25% of the water demand for Marton or 1200m³ on any day.

COMPLY - FULL

- 3. *The Permit Holder shall undertake a further pump test when the pump to be used for water supply is installed in either Bore 1 or Bore 2. The Permit Holder shall set the test dates and the duration of the test in consultation with Canterbury (NZ) Malting Co Ltd and Supertex Industries Ltd. The Permit Holder shall monitor the water level in bores at the Malting Company and Supertex during the pump test. The Permit Holder shall supply a copy of the test results to the Regional Council's Resource Monitoring Manager.*

HRC received a step down test undertaken by MWH on the Calico Line Bore after redevelopment following the 2004 floods.

COMPLY - FULL

- 4. *The Permit Holder shall:*
 - a) *Have a flow meter installed on each bore while water is being taken from that bore;*

A flow meter is installed on Bore 1

COMPLY - FULL

- b) *Record the date, the maximum hourly rate of abstraction of water from each bore and the total quantity of water taken for each day that water is taken under Condition 2b;*

Total quantity of water abstracted each day from Bore 1 is recorded.

COMPLY - FULL

- c) *Record the date, the total daily quantity of water put through the Tutaenui Water Treatment Plant, the total daily quantity of water taken from the bores*

and the maximum hourly rate of abstraction of water from each bore for each day that water is taken under Condition 2d; and

The total daily quantity of water put through the Tutaenui Water Treatment Plant and the total daily quantity of water taken from bore 1 is recorded.

COMPLY - FULL

- d) *Supply a copy of the records required by Conditions 4b and 4c to the Regional Council's Resource Monitoring Manager in May of each year for the duration of this permit.*

Abstraction records were received for 1 April 2016 – 30 March 2017, from the data in Water Outlook, thank you .

COMPLY - FULL

5. *As soon as practical after 1 November and 1 April each year for the first 3 years and then each third year thereafter for the duration of the consent, the Consent Holder shall record the water level in the bores at Canterbury Malting company Ltd and Supertex and supply a copy of that record to the Regional Council's Resource Monitoring Manager. That copy shall accompany the record required by Condition 4d.*

HRC has no record of water levels from these bores being recorded. As I understand these bores have been decommissioned, therefore this condition is no longer practical to enforce. **No longer applicable**

The overall rating for this resource consent is **COMPLY - FULL**

Discharge Permit 6853 (Exisitng Use Protection Applies S124)

2. *The wastewater shall consist only of alum sludge and filter backwash.*

COMPLY - FULL

3. *Before being discharged, the wastewater shall be treated by solids removal using two or more settling ponds located at or about map reference S22:144-319 and more particularly where shown on Plan C6853 which is attached to and forms part of this permit.*

There are 3 settling ponds at or about map reference S22:144-319.

COMPLY - FULL

4. *The maximum quantity of treated wastewater discharged into "B" dam shall not exceed 140 cubic metres per day.*

The reports submitted that have been produced via Water Outlook show that the discharge continuously exceeded the 140m³/day limit. **SIGNIFICANT NON-COMPLY**

5. *For the purposes of this permit, reasonable mixing is defined as the mixing of the treated wastewater with the water in "B" dam within 20 metres of the point of discharge.*
6. *After reasonable mixing the treated wastewater discharged shall not give rise to all or any of the following effects in the water in "B" dam:*
 - a. *the production of any conspicuous oil or grease films, scums or foams, or floatable or suspended materials;*
 - b. *any conspicuous change in the colour or visual clarity;*
 - c. *any emission of objectionable odour;*
 - d. *the rendering of fresh water unsuitable for consumption by farm animals;*
 - e. *any significant adverse effect on aquatic life.*

7. *After reasonable mixing the treated wastewater discharged shall not:*

- a. *make the water in "B" dam unsuitable for treatment (equivalent to coagulation, filtration and disinfection) for human consumption by the presence of contaminants;*
- b. *taint or contaminate the water in "B" dam so as to make it unpalatable or unsuitable for consumption by humans after treatment (equivalent to coagulation, filtration and disinfection) or unsuitable for irrigation.*

I did not inspect the discharge.

NOT ASSESSED

8. *After the settling ponds are commissioned, the District Council shall, on one day in every month during the first three years of the term of this permit and thereafter on one day in each of the months of February, May, August and September in each year:*
 - a. *inspect the integrity of the settling ponds and associated pipelines; and*
 - b. *measure and record the depth of wastewater and settled solids in the ponds; and*
 - c. *visually assess and record the absence, or presence and extent, of any discharge plume in "B" dam; and*
 - d. *sample the wastewater being discharged into "B" dam and sample the water in "B" dam at no less than two sites outside of the zone of reasonable mixing.*

Please ensure to provide a report to HRC with regard to the integrity of the ponds and pipelines, the depth of the wastewater and settled solids in the ponds and a record of the visual assessments of the discharge plume into B Dam. Thank you for the data showing the results of the samples discharge.

COMPLY-FULL

9. *The District Council shall determine and record the turbidity (in NTU) and the concentration of Aluminium for each sample taken under Condition 8.*

COMPLY- FULL

10. *The records required by Conditions 8 and 9 shall be supplied to the Resource Monitoring Manager of the Regional Council at six monthly intervals.*

As mentioned above the required sampling has been delayed by a leak in the pond walls that is causing short circuiting. Sampling is now underway again since the repair was fixed. Please continue to submit on a six monthly basis. **COMPLY - FULL**

The overall rating for this resource consent is **NON-COMPLY**

Water Permit 6929

1. *The total daily quantity of water taken, at or about map reference S22:144-317, shall not exceed 6500 cubic metres.*

Abstraction records were submitted in a report from Water Outlook. The daily abstraction has been complied with during the reporting period.

COMPLY-FULL

2. *The Permit Holder shall keep a record of the quantity of water taken each day. A copy of this record shall be sent to the Regional Council's Manager of Resource Monitoring within 10 days of the end of each calendar month during the term of this permit.*

Water Outlook reports enable monthly reports to be submitted automatically. **COMPLY**

The overall rating for this resource consent is **COMPLY-FULL**

Water Permit APP-2014200014.00 Ratana

The new bore has been in for five years with no abstraction. Currently the reservoir and treatment are being installed; this is due to be completed in July 2016. Therefore no assessment has been undertaken for this reporting period.

NOT ASSESSED

CONCLUSION/RECOMMENDATIONS

RDC has achieved the following compliance ratings for consents as follows:

Taihape COMPLY-NEEDS ATTENTION, Mangaweka COMPLY-ON TRACK, Bulls COMPLY-FULL, Erewhon COMPLY-FULL, Omatane COMPLY –FULL, Hunterville COMPLY-NEEDS ATTENTION, Marton COMPLY-FULL (except for Consent 6853) SIGNIFICANT NON-COMPLY

If you have any more questions, please do not hesitate to contact me on 06 952 2947 or via email (tracey.evans@horizons.govt.nz).

Kind Regards



Tracey Evans
CONSENTS MONITORING OFFICER

Table 1. Compliance Assessment Guideline for Individual Consents

Site Compliance Grade	Examples
Comply - Exceeds	<ul style="list-style-type: none"> Consent holder has implemented practices, procedures, systems that are over and above that required by the resource consent or consents for the site which are having a tangible environmental benefit.
Comply - Full	<ul style="list-style-type: none"> Complying with all conditions of consent; and/or A non-compliance has occurred beyond the control of the consent holder; and/or
Comply	<ul style="list-style-type: none"> One Minor Non-Compliance with a condition of the resource consent.
Comply – At Risk	<ul style="list-style-type: none"> At Risk grading identified against key condition(s) of one or more of consents for the site.
Comply – On Track	<ul style="list-style-type: none"> At risk grading identified AND site has entered into a Compliance Pathway Agreement (CPA) to reduce system risks and achieve best practice.
Non-Compliance	<ul style="list-style-type: none"> There have been two 'first time' Non -Compliances with the conditions of consent; and/or There has been one repeat Minor Non-Compliance with the same or similar condition.
Significant Non-Compliance	<ul style="list-style-type: none"> There has been at least one Significant Non-Compliance Rating with a condition; and/or There has been at least two repeat Non- Compliance Ratings associated with the same or similar condition; and/or There have been three or more 'first time' Non Compliance Ratings.
Not assessed	<ul style="list-style-type: none"> Monitoring has not been undertaken of this consent during the reporting period.

Table 2. Compliance Assessment Guideline for Individual Conditions

Condition Compliance Grade	Adverse Effects Scale	Examples (not exhaustive)
Comply – Excellent	Nil	Consent holder has implemented practices, systems, and procedures that are over and above that required by the resource consent and are having tangible environmental benefit.
Comply - Full	Nil	Conditions of consent are fully complied with. Sampling out of sequence or late due to circumstances outside of consent holders control (e.g. flow related sampling).
Comply – At Risk	Nil – de-minimus. (dictionary: de-minimus - need not be considered. In terms of the RMA the term means an effect which is less than minor, of no consequence, so trifling that it should be disregarded).	Compliant at time of inspection but management / system deficiencies indicate there is a real risk of a non-compliance occurring (e.g. insufficient effluent storage, poor irrigator performance).
Comply – On Track	Nil – de-minimus.	System has been identified as At Risk, but the consent holder has agreed to enter into a Compliance Pathway Agreement (CPA) to ensure compliance is consistently achieved. Consent holder is currently complying with conditions of consent.
Minor Non-Compliance	De-minimus to less than minor.	One-off failure to comply with a condition of consent (e.g. One off minor exceedance in key parameter in 6-months worth of sampling (allows for two minor exceedances in a 12-month period). Intent of condition met however data and / or report provided late (no later than 6 weeks). First up failure to install a water meter for a small take (stockwater), provide management plan or environmental information (e.g. water quality information) within required timeframes.
Non Compliance	More than minor and / or ongoing (dictionary: defines 'minor' as lesser or comparatively small in size or importance). Ongoing (dictionary: continuing to exist).	Four minor exceedances of key parameters for one year's worth of sampling / data. Repeat failure to provide a report or monitoring data. Repeat Failure to undertake sampling. Failure to install water meter for a more than minor take (e.g. irrigation).
Significant Non-Compliance	More than minor to significant, serious and / or ongoing. Significant (dictionary: important, noteworthy, consequential). Serious (dictionary: important, demanding consideration, not slight). Ongoing (dictionary: continuing to exist).	Water quality results indicate there is a potential for or an actual effect which is more than minor that is not authorised by the resource consent. Unauthorised discharge of wastewater / effluent into water or onto land where it may enter water, excessive ponding of effluent on the land surface. Repeated failure to provide a report/monitoring data/ management plans/install water metering equipment etc. Repeated failure to undertake sampling. Repeated failure to comply with authorised discharge or water take volumes.
Not Applicable		Applies to conditions that are no longer applicable. Generally relates to historic conditions that may require provision of a management plan, which has been provided and consent requires no further action.
Not Assessed		Monitoring not undertaken of consent condition.

Attachment 7

Our Ref: 710360/General/DSA Summary

4 October 2017

Senior Project Manager
Manawatu District Council
Private Bag 10001
FEILDING 4740

Attention: Chris Pepper

Dear Chris

DETAILED SEISMIC ASSESSMENT (DSA) OF WATER ASSETS OF RANGITIKEI DISTRICT COUNCIL CONTRACT C4/16067B AND C4/16067C

Calibre Consulting has undertaken detailed seismic assessments of water assets for Rangitikei District Council (RDC) and where necessary, provided preliminary strengthening solutions to achieve the desired 100% New Building Standard. This report provides a brief summary of the assessments for the following structures.

1. Bulls- Taumaihi Street Water Tower
2. Bulls – WTP, Bridge Street
3. Marton WTP Clarifier, Tutaenui Road
4. Managweka Concrete Reservoir, Reservoir Road
5. Taihape Concrete Reservoir, Ruru Road

EXECUTIVE SUMMARY

A review of all archive documentation was undertaken and detailed site investigation for each structure was carried out. Based on review and investigation, we undertook a detailed seismic assessment of the structures at Ultimate Limit State (ULS) in accordance with the NZSEE Assessment Guidelines. We have assigned a theoretical %NBS and seismic grade for the each structure based on importance level (IL) 4. We have provided recommendations and indicative strengthening options to 67% NBS and 100% NBS (IL4) where necessary. The structural grading of all structures as defined by New Zealand Society of Earthquake Engineering (NZSEE) are indicated in table below.

Structure	Year of Construction	%NBS	NZSEE Alpha Ratings Grade	NZSEE Classification	Strengthening Recommended
Bulls- Taumaihi Street Water Tower	1957	69%	B	Low Seismic Risk	Yes
Bulls – WTP, Bridge Street	1964	94%	A	Low Seismic Risk	No
Marton WTP Clarifier, Tutaenui Road	1971	31%	D	High Seismic Risk	Yes
Managweka Concrete Reservoir, Reservoir Road	Pre 1935	92%	A	Low Seismic Risk	No
Taihape Concrete Reservoir, Ruru Road	1956	13%	E	High Seismic Risk	Yes

We undertook geotechnical investigations where required.

The individual DSA of each structure indicate that some of them have adequate seismic resistance and the others need significant strengthening to perform adequately in an earthquake. The recommendations for each of the structures are given below for respective structure, 100% NBS.

Recommendations for Structures:

1. Bulls- Taumaihi Street Water Tower

Strengthening is required to foundation pad only as follows:

- Provide an additional concrete foundation ring (1.2m wide and 1.360m deep) on the outside the existing pad, by providing dowels into the existing foundation, so that overturning can be avoided in the worst case.
- Provide and maintain crack repairs to tower walls to ensure the durability of the concrete and reinforcement.

2. Bulls – WTP, Bridge Street

The WTP building has a good resistance to seismic loadings and does not need any strengthening only one reinforced wall on the top of filter room has 94% NBS.

The additional structures attached to the building can be strengthened to avoid the possible cracks in walls, roof and floor but they are not critical for WTP structure. The work to the additional structures is as below:

1. The floor crack in the electrical room
2. The wall joints

3. Marton WTP Clarifier, Tutaenui Road

Various options are given to strengthen the concrete slab walls that include the following: (See full report for details)

1. Angle Brackets to Wall Joints
2. Soil Anchors tying Slab/Walls to Ground
3. New Concrete wall Internally

4. Managweka Concrete Reservoir, Reservoir Road

No strengthening is required for this structure but some maintenance repairs are recommended. (See full report for details)

5. Taihape Concrete Reservoir, Ruru Road

Major strengthening is required in three main areas as follows:

1. Reinforced concrete wall-hoop force capacity:
 - Provide hoop wire rope or metal bar tensioning anchorage
2. Base circumferential sliding and wall uplift.
 - Provide reinforced concrete ring beam between the wall and the foundation
3. Steel roof connection to the concrete wall for seismic load transfer.
 - Provide fly bracing between the top chords of the roof steel truss
 - Provide Cross angle bracing at the underside of roof sheeting at the last bays between the truss and concrete wall.

Please refer to full reports attached for further information.

Yours sincerely
Calibre Consulting Ltd

A handwritten signature in black ink, appearing to read 'Bevan White', with a long horizontal stroke extending to the right.

Bevan White
Senior Associate
New Plymouth Branch

ATTACHMENTS

1. DSA for Bulls- Taumaihi Street Water Tower
2. DSA for Bulls – WTP, Bridge Street
3. DSA for Marton WTP Clarifier, Tutaenui Road
4. DSA for Managweka Concrete Reservoir, Reservoir Road
5. DSA for Taihape Concrete Reservoir, Ruru Road

Attachment 8

RDC ROADING REPORT: SEPTEMBER 2017

1. MAINTENANCE, OPERATIONS AND RENEWALS

- This year's resealing programme is 61 km in length.
- Pre-reseal repairs for the 2018/19 year are being programmed.
- NZTA has approved funding at the FAR rate of 85% for the purchase of LED's to replace the remaining sodium streetlights in residential streets. The objective is to complete installation by June 2018.

2. CAPITAL PROGRAMME 2016/17

Area Wide Treatment sites

Location	Length	Start construction	Completion Due
Galpins Road (RP1080-1800)	720m	Prog. Feb-18	Prog. Apr-18
Jefferson's Line (RP3840-4415)	575m	Prog. Oct-17	Prog. Dec-18
Mangitipona Road (RP1520-2520)	2600m	Prog. Oct-18	Prog. Mar-18
Okirae Road (RP0020-1930)	1910m	Deferred to 2018/19 due to Galpins and Jefferson being bought forward.	
Parewanui Road/Ferry Road Int (RP0500-0550)	75m	Prog. Apr-18	Prog. May-18
Parewanui Road (RP2160-2800)	640m	17-Apr-17	15-Sep-17
Parewanui Road (RP5820-7780)	1960	Prog. Feb-18	Prog. Apr-18

Minor safety improvements:

Location	Start construction	Completion Due
Turakina Valley Road 3 (RP 2075) Guardrail to bridge approach	Prog. Apr-18	Prog. May-18
Pungatawa Road RP 6700 – widen blind corner with large drop-off	Prog. Feb-18	Prog. Apr-18
Turakina Valley Road 3 (Otiwhiti) RP 3040 – replace wire rope barrier with guardrail	Deferred to 2019/20 to align with AWT	

Mangaweka Bridge

Following the deck repairs in October 2016 the bridge was reopened with the following limits: 3T axles, 6T gross, a 10kph speed limit and no stopping signs. This is due to weakened timber girders throughout the length.

The Indicative Business Case is complete and a funding application has been made to NZTA for the Detailed Business Case.

The RFT for the Detailed Business Case closes 1st September 2017

3. EMERGENCY WORKS

Emergency Works events under repair during this financial year:

The snow event of 13-14 July caused wide spread damage to trees dropping foliage and power wires on to the road, and a number of dropouts. The estimate to clear away foliage and repair the slip damage is in the order of \$2.0M. An application to NZTA to obtain funding has been sent and is being considered favourably.

Event	Status
June-15	Completing remaining sites
April-17; cyclone Debbie	Designs and repairs for dropouts to be completed
July-17; Snow event	Clearing fallen tree debris and assessing the extent of roading damage.

4. OTHER PROJECTS

Council is involved in the investigation and implementation of the following projects:

- The 3 km unsealed section of Turakina Valley Road 2 between McLeay's Bridge and near Mangahoe Road has been approved for seal extension. Sealing this section of road would provide an alternative sealed road to SH3.
A 1km section starting at McLeay's bridge has been sealed. The next stage near Mangatipona Road is under design due to start March-18. The remaining 1km section will be constructed in 2018/19

5. HEALTH AND SAFETY

RDC - ZERO HARM REPORTING

showing the way

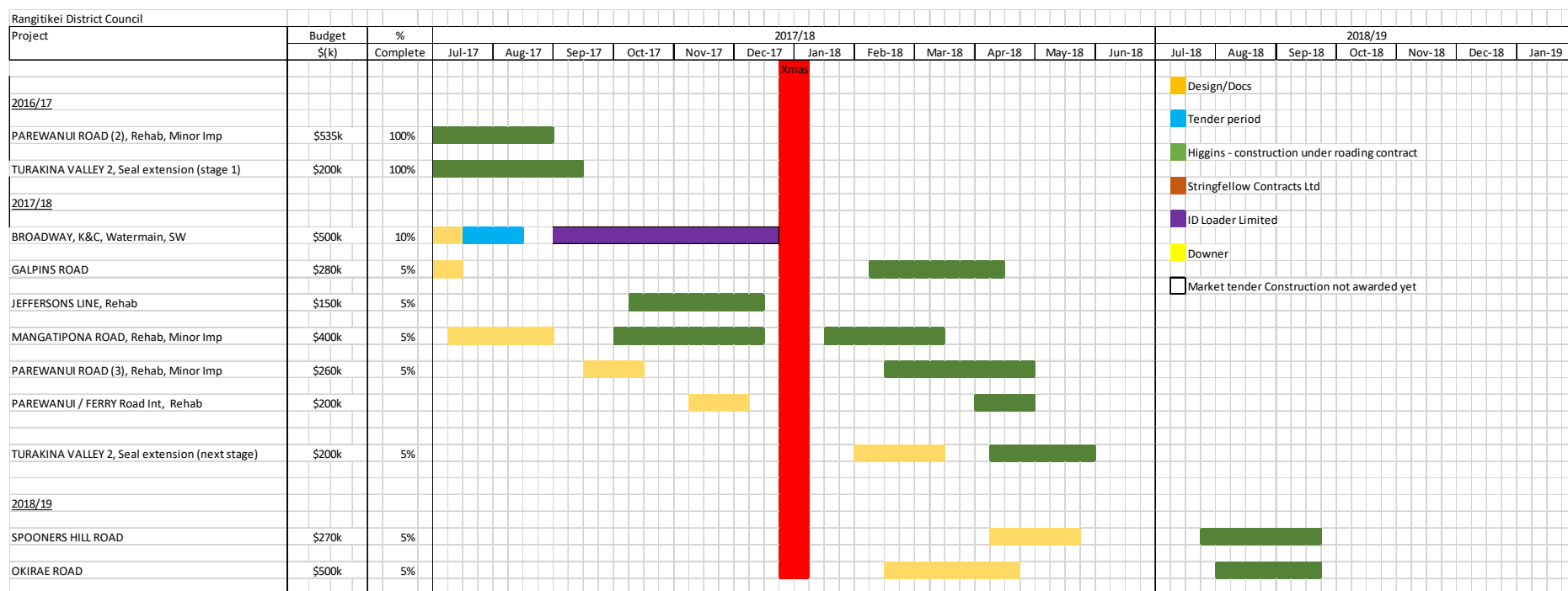
LEAD INDICATORS

Type	Explanation	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
Drug and Alcohol Tests	LEAD: Total number of drug and alcohol tests completed in the period for pre-employment and	0	3										
Positive Drug and Alcohol Tests	The total number of positive Drug and Alcohol test results in the period	0	0										
Site H&S Conversations	The total number of site H&S Conversations completed in the period by Contractors or site	0	3										
Site Health and Safety Audits	The total number of site Health and Safety Audits completed in the period by the Contractors or site	12	15										
Safety Briefing	The total number of Safety Briefings completed in the month including pre-starts, toolbox meetings,	5	5										
Near Miss (Close call)	The total number of Near Misses submitted in the month by the site team	1	2										
Traffic Management Inspection	Total number of audits completed by the designated Site Traffic Manager Supervisor (STMS)	2	3										
Sub Contractor Review	Number of Sub Contract Reviews completed by the main Contractor in the period	0	1										
Stop Work Action	The number of occasions when work is suspended proactively due to a member of the site team	0	0										
Positive Reinforcement	The number of occasions the site team have been congratulated of a proactive action or safety	0	0										

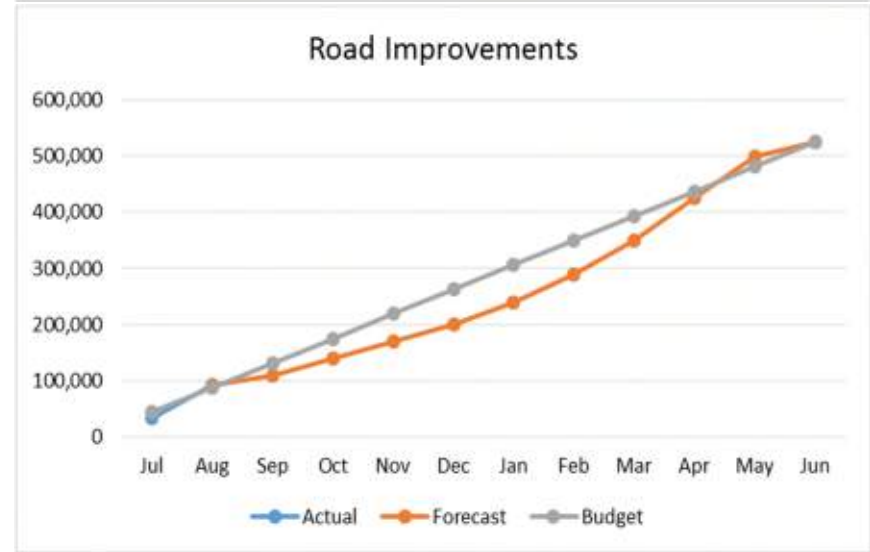
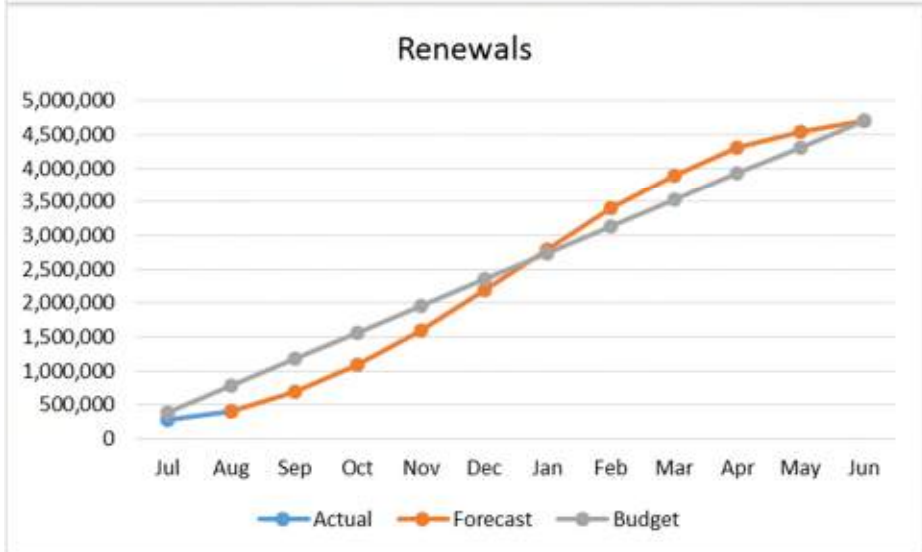
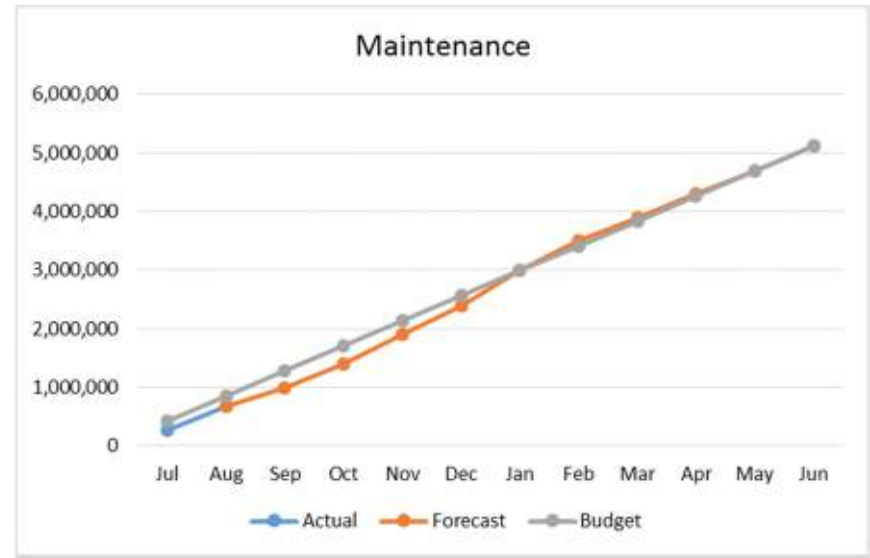
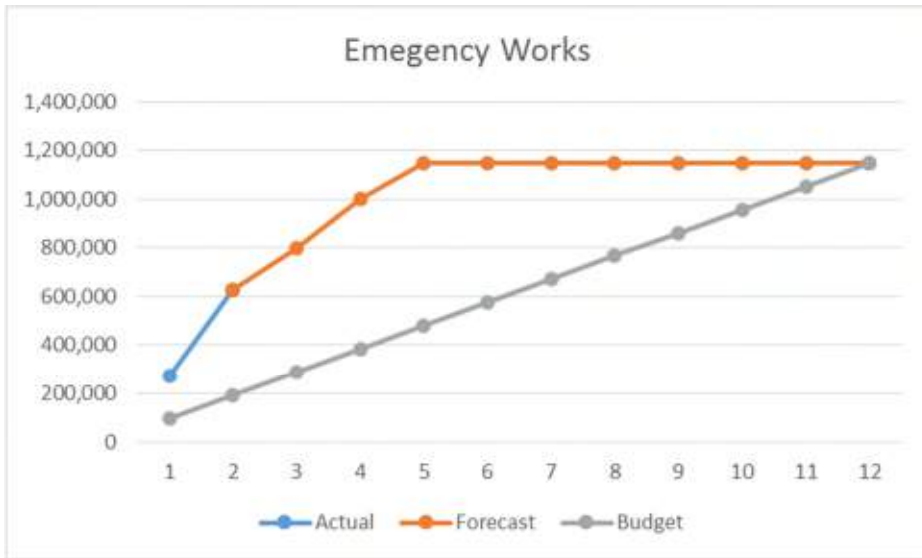
LAG INDICATORS

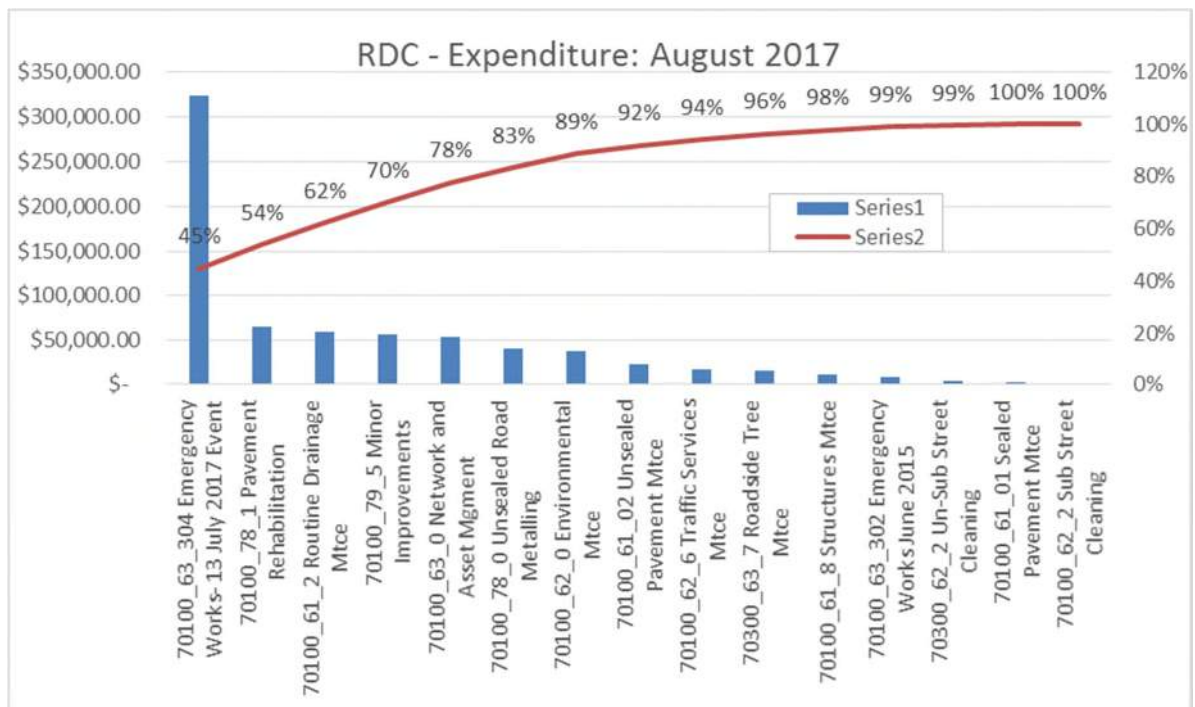
Type	Explanation	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
Fatal Injuries	Any incidents resulting the loss of life of a transport agency, contractor or Sub Contractor or member of	0	0										
Notifiable Injuries	Any incident required under H&S Legislation to be reported to a Statutory Authority e.g. Worksafe NZ,	0	0										
Lost Time Injuries	Any work related injury or illness certified by a Medical Practitioner and compensable under worker	0	0										
Medical Treatment Injuries	The Management and care of a patient to effect Medical Treatment or combat disease or disorder	0	0										
First Aid Injuries	Treatment administered by and within the qualifications of a trained first aid attendant or	0	0										
Recordable Injuries	NO NOT COMPLETE	0	0										
Serious Environmental Incidents	Environmental controls absent or construction of a device is so poor that it is likely to or has led to	0	0										
Service Strikes	Contact with an above ground or buried service resulting in damage or potential damage to the	0	0										
Property Damage	Contact with third party property resulting in damage	0	3										

6 PROGRAMME GANTT CHART



Maintenance			Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
141	Emergency Works		Actual											
	Jun-15	827,812		80,265	112,492									
	Apr-17 (Debbie)	322,000			33									
	Jul-17 (Snow)			193,564	516,666									
Emergency Works - Totals		1,149,812	Actual	273,829	629,191									
			Forecast	273,818	629,191	800,000	1,000,000	1,149,812	1,149,812	1,149,812	1,149,812	1,149,812	1,149,812	1,149,812
			Budget	95,818	191,635	287,453	383,271	479,088	574,906	670,724	766,541	862,359	958,177	1,053,994
Maintenance														
111	Sealed Pavement Maintenance	900,000		1,134	4,083									
112	Unsealed Pavement Maintenance	383,500		22,450	44,537									
113	Routine Drainage Maintenance	700,000		41,933	105,229									
114	Structures Maintenance	212,800		5,245	16,564									
121	Environmental Maintenance	1,302,176		83,886	324,530									
122	Traffic Services Maintenance	445,000		20,481	40,407									
124	Cycle Path Maintenance													
131	Level Crossing Warning Devices	30,675			300									
151	Network & Asset Management	1,151,325		95,992	152,877									
Maintenance - Totals		5,125,476	Actual	271,121	688,527									
			Forecast		688,527	1,000,000	1,400,000	1,900,000	2,400,000	3,000,000	3,500,000	3,900,000	4,300,000	4,700,000
			Budget	427,123	854,246	1,281,369	1,708,492	2,135,615	2,562,738	2,989,861	3,416,984	3,844,107	4,271,230	4,698,353
Renewals														
211	Unsealed Roads Metalling	460,125		59,922	101,625									
212	Sealed Roads Resurfacing	1,789,375		0	500									
213	Drainage Renewals	352,425		10,167	76,092									
214	Sealed Road Pavement Rehabilitation	1,688,679		49,577	66,834									
215	Structures Component Replacements	189,163		0	0									
222	Traffic Services Renewal	224,950		167,590	168,677									
231	Associated improvements													
Renewals - Totals		4,704,717	Actual	287,256	413,728									
			Forecast		413,728	700,000	1,100,000	1,600,000	2,200,000	2,800,000	3,400,000	3,900,000	4,300,000	4,550,000
			Budget	392,060	784,120	1,176,179	1,568,239	1,960,299	2,352,359	2,744,418	3,136,478	3,528,538	3,920,598	4,312,657
Road Improvements														
324	Road Improvements (LED's)													
324	Road Improvements	525,000		33,457	90,962									
341	Minor Improvements													
322														
Renewals - Totals		525,000	Actual	33,457	90,962									
			Forecast		90,962	110,000	140,000	170,000	200,000	240,000	290,000	350,000	425,000	500,000
			Budget	43,750	87,500	131,250	175,000	218,750	262,500	306,250	350,000	393,750	437,500	481,250





ROADING AND FOOTPATHS GROUP OF ACTIVITIES 2017/18					Sep-17
Major programmes of work outlined in the LTP/Annual Plan 2017/18					
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.					
Hunterville: Mangatipona Road,	RP. 1520-2520; 1000m		October	December	Construction underway.
Hunterville: Okirae Road,	RP. 20-1930; 1910m	length of site increased due to deterioration			Survey completed being designed.
Bulls: Parewanui Road,	RP. 5820-7780; 1960m		February	April	Currently being surveyed and designed.
Bulls: Parewanui Road,	RP. 9720-9920; rescheduled as seal widening for forestry traffic		March	April	Currently being surveyed and designed.
Bulls: Parewanui/Ferry Roads intersection,		This intersection requires an Inovative design due to stresses by heavy vehicles turning.			Design criteria being investigated.
Taihape-Napier Road (2)	deferred to 2020/21				
Marton: Jeffersons Line	RP. 3840-4415; 575m	road section brought forward from 2018/19 prog due to increase deterioration.	November	December	Design completed - commence construction
Marton: Galpins Road	RP. 1080-1800; 720m	road section brought forward from 2018/19 prog due to increase deterioration.	January	March	In the design phase.
Sealed Road Resurfacing (over 200m)	Route Position Length	Status	Start date	Completion date	Planned for the next two months
Sealed road resurfacing of 60.9 km (over 200 metres). This list is indicative and subject to alteration when and where reprioritised sites and conflicts with external activities are identified.					
Bulls Duncan Road	RP. 3 - 1162 - 1159m				Planning to commence sealing programme November
Bulls Ferry Road	RP. 28 - 510 - 482m				
Bulls High Street	RP. 1360 - 1392 - 32m (AC)				
Bulls Knottingly Road	RP. 3 - 832 - 829m				
Bulls Parewanui Road	RP. 1575 - 2978 - 1403m				
Bulls Santoft Road	RP. 3695 - 6030 2335m				
Hunterville Bruce Street	RP. 170 - 205 - 35m (AC)				
Hunterville Okirae Road	RP. 2502 - 3966 - 1464m				
Hunterville Potaka Road	RP. 3800 - 4700 - 900m				
Marton Beaven Street	RP. 6 - 471 - 465m				
Marton Broadway	RP 221 - 458 - 237m				
Marton Bruce Road	RP. 760 - 3137 - 2377m				
Marton Calico Line	RP. 175 - 515 - 340m				
Marton Follett Street	RP. 5 - 30 - 25m (AC)				
Marton Gowers Road	RP. 6 - 868 - 862m				
Marton Griffins Road	RP. 420 - 1340 - 920m				
Marton High Street	RP. 22 - 540 - 518m				
Marton Jeffersons Line	RP. 5760 - 8481 - 2721m				
Marton Lower High Street	RP. 0 - 153 - 153m (AC)				
Marton Main Street	RP. 78 - 415 - 337m				
Marton Makuhou Road	RP. 5827 - 6000 - 173m				
Marton Onepuhi Road	RP 23 - 1823 - 1800m & 2046 - 4160 - 2114m				
Marton Potaka Street	RP. 4 - 114 - 110m				
Marton Station Road & Extension	RP. 1095 - 1152 - 57m plus 88m				
Taihape Carlson Road	RP. 18 - 417 - 399m				
Taihape Kawhatau Valley Road (Two sections)	RP. 7375 - 8760 - 1385m & 9952 - 13020 - 3068m				
Taihape Koeke Road	RP. 4749 - 7181 - 2432m				
Taihape Koukoupou Road (Two sections)	RP. 3 - 24 - 21m & 4117 - 4527 - 410m				
Taihape Mangaone Road	RP. 14 - 234 - 220m				
Taihape Napier Road 1	RP. 6630 - 7510 - 880m				
Taihape Orchard Road	RP. 3 - 1090 - 1087m				
Taihape Otara Road	RP. 13 - 2094 - 2081m				
Taihape Owahakura Road	RP 2666 - 4471 - 1805m				
Taihape Papakai Road	RP. 2021 - 4961 - 2940m				
Taihape Pukenaua Road	RP. 11 - 643 - 632m				
Taihape Pungatawa Road	RP. 2850 - 6207 3357m				
Taihape Ruahine Road	RP. 29 - 1219 - 1190m (both sections combined)				
Taihape Ruanui Road	RP. 14241 - 17934 - 3693m				
Taihape Rupe Street East (Utiku)	RP. 3 - 158 - 155m				

Taihape Rupe Street West (Utiku)	RP. 8 - 150 - 142m				
Taihape Soldiers Road (Rifle Range)	RP. 13 - 260 - 247m				
Taihape Swan Street	RP. 488 - 974 - 486m				
Taihape Te Moehau Road	RP. 0 - 450 - 450m				
Taihape Torea Street (Utiku)	RP. 0 - 980 - 980m				
Taihape Utiku South Road	RP. 15 - 434 - 419m				
Turakina Franklin Road	RP 16 - 596 - 580m				
Turakin - Ruatangata Road.	RP. 1499 - 1884 - 385m				
Turakina Valley Road 1	RP. 5256 - 6300 - 1044m				
Turakina Valley Road 2 (two sections)	RP. 10036 - 12232 - 2196m & 15627 - 17215 - 1588m				
Turakina Valley Road 3	RP. 2084 - 8183 - 2556m (three sections)				
Capex report 2017/18	cumulative to 30/09/2017	cumulative to 31/12/2017	cumulative to 30/3/2018	cumulative to 30/6/2018	Budget
Sealed road surfacing:					1,789,375
Drainage Renewals					352,425
Pavement rehabilitation					1,688,679
Structures component replacement					189,163
Traffic services renewal					224,950
Associated improvements	This category has been deleted				
Unsealed road metalling					460,125
TOTAL					4,704,717
Streetlight renewals	Design/ Scoping	Tender/Contract docs	Under construction	Complete	Planned for the next two months F74:F88
LED replacements – accelerate the replacement of high pressure sodium in pedestrian category lighting areas[1] so that the programme of replacing all 1098 streetlights not yet replaced by LEDs is complete before December 2018 [1] This category includes all the District's local urban roads except for some high use routes n Marton. State highways are outside the scope of this programme.					LED Order expected by October and work will commence as soon as possible to replace existing lights.
Footpaths renewals	Design/ Scoping	Tender/Contract docs	Under construction	Complete	Contractor
Taihape Kiwi Road	site under investigation and design.	The footpath contract overall is being reassesd as there is a shift in priority in that due to the Broadway contract money may be required for the footpath upgrade.			
Taihape Toroa Street	site under investigation and design.				
Taihape Mataroa Road/SH1	site under investigation and design.				
Taihape Kuku Street.	site under investigation and design.				
Marton Broadway, north of Follett Street	site under investigation and design.				
Marton Hendersons Line .	site under investigation and design.				
New Footpaths	Design/ Scoping	Tender/Contract docs	Under construction	Complete	Contacto
Bulls Dalziel Street	site under investigation and design.				
Marton Wilson Place.	site under investigation and design.				
Taihape Robin Street	site under investigation and design.				
Minor safety improvements	Design/ Scoping	Tender/Contract docs	Under construction	Complete	Planned for the next two months
Bulls: Parewanui Road – seal widening – location subject to Safety Study					Complete analysis of the Safety study report
Turakina Valley Road 3 (Otari) RP 2075 – guardrail to bridge approaches	Defferred to 2019/20 to be carried in conjunction with a pavement rehab				
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				
Taihape Pungatawa Road RP 6700 – widen blind corner with large drop-off					Investigation and design to be completed
Mokai Road Makino and Sherriffs Br's	Carried forward from 2016/17 programme				Design to be finalised
Turakina Valley Road 3 Bridge 45 Concrete Ford, RP 6000	Brought in from 2019/20 programme				Design to be finalised
Other major programmes of work carried out during 2017/18					
Projects	Design/ Scoping	Tender/Contract docs	Under construction	Complete	Planned for the next two months

Mangaweka Bridge – replacement Costs for 2017/18 will be in preparing the business case analysis for the New Zealand Transport Agency and (if approved and funding confirmed) preliminary design. Construction of the bridge will occur in 2018/19					Ongoing communications with NZTA.
Turakina Valley Road 2 – upgrade and sealing of 3.4 km section. Being done in three sections. The first section of 1km planned to be done first. The initial budget provision of \$67,000 will be carried forward to 2017/18, but will require supplementing because Council must cover the full cost of sealing when that is done.					The first section from RP 12.3 to 13.3 the pavement rehabilitation has been completed. The resurfacing (sealing) of this section also now complete
Investigate and report on					
<ul style="list-style-type: none"> * installing a new pedestrian crossing on Wellington Road (Marton) between Hereford and Morris Streets and on Bridge Street (Bulls) between the Burger bar and the Information Centre; * relocating the pedestrian crossing at Hautapu/Huia Streets (Taihape); * placing hotmix on the remainder of the roadway in the Bulls Domain. 	Plan to carry out this work during the summer				<p>Not physically possible to construct crossing. Awaiting decision from NZTA re Bulls and the potential upgrade of the intersection with SH's 1 & 2 is part of a strategic plan NZTA have named 'Accessing Central New Zealand'</p> <p>Decision made not to relocate crossing agreement with TCB.</p>
Carry forward programmes from 2016/17					
Turakina Valley Road repairs following storm event in June 2015					3 relatively small projects to be completed. Rolled over from 16/17.
Other areas of network following storm event in June 2015					James road site to be completed - carried over from the 16/17 year.
Repairs to damage from Debbie event April 2017					Repair to sites with quite major damage currently being designed.
Repairs for damage to network arising from July 13/14 event.					Damage quite substantial and sites still being assessed.
Taihape-Napier Road - Professional services and resource consenting for three large armco culverts in Taihape-Napier Road which require concrete linings to rusted inverts.					Investigations about to begin on the design. The resource consent application could take some time as a couple of the sites are in pristine bush environment.

Rangitikei District Council

AIN REPORT – UTILITIES

September 2017



Projects Updates:

Stormwater Renewal-Hammond Street – Doughty Contractors

Scope of works:

This Contract involves laying 112m of new 600 dia RCRRJ Type 2 stormwater pipe in Hammond Street, Marton plus three large manholes and connections to the existing stormwater system. Tender awarded to Doughty Contractors Ltd.
Contract Price: \$124,796.00

Progress:

- Started 31 July 2017.
- Value of work completed to date \$90,000.00.



Next Stage:

- Seal reinstatement, sump and kerb and channel repair.
- Completion date mid-October.

Sewer Relining (Pipetech)



Scope of works:

Project involves the relining of sewer pipes in Marton, Hunterville and Taihape. Pipes to be relined have been identified after the review and scoring of the CCTV log sheets provided by Council (less than 10 year-old). The proposed schedule over the next two years is as follows:

2016/2017 Programme & Review:

	Planned 17/18	YTD			% completed	Comments
		Paid	Plus retentions	Total		
Marton	\$ 302,854.28	\$	\$	\$	0%	CCTV & condition assessments completed
Taihape	\$ 187,428.23	\$	\$	\$	0%	
Hunterville	\$ tbc	\$	\$	\$	0%	
Total	\$ 490,282.51	\$	\$	\$	0%	

2017/2018 Programme
Completed CCTV in August

RANGITIKEI DISTRICT COUNCIL - AUGUST CCTV COMPLETED														
Location	PTL Job Number	Street	Ø	Upstream ID	Downstream ID	Length (CCTV)	Material	Lets	LJR	Pro Lets	Date to Repair	CCTV Status	Structural Grading	CCTV comments
Taihape	TA09	Hautapu	300	TA2MH01590	TA2MH01540	129	GEW	19		4	2017 - 2018	IC	5	Refilmed in August 2017
Taihape	TA12	Moa	150	TA2MH0270	TA2MH0280	82	GEW	6	2	1	26th October	IC	4	Refilmed in August 2017
Taihape	TA32	Kuku	150	TA2MH2640	TA2MH2630	181	AC	19	3	4	2017 - 2018	IC	5	Refilmed in August 2017
Taihape	TA02	Kiwi	150	TA2MH1920	TA2MH1910	36	GEW	4	2		2017 - 2018	IC	4	Refilmed in August 2017
Taihape	TA20	Goldfinch	150	TA2MH0430	TA2MH0420	66	GEW	2			27th October	IC	4	Refilmed in August 2017
Taihape	TA01	Eagle	225	TA2MH1880	TA2MH1850	119	GEW	3	1		31st October	IC	5	Refilmed in August 2017
Taihape	TA27	Kuku	150	TA2MH2750	TA2MH2740	97	GEW	14	7	6	2017 - 2018	IC	3	Refilmed in August 2017
Taihape	TA06	Thrush	150	TA2MH2260	TA2MH2250	127	GEW	5	3		2017 - 2018	IC	3	Refilmed in August 2017
Taihape	TA07	Robin	150	Unmarked MH	TA2MH02640	48	RC	2			2017 - 2018	IC	1	Refilmed in August 2017
Taihape	TA03	Kiwi	150	TA2MH1930	TA2MH1920	72	GEW	3	1		2017 - 2018	IC	4	Refilmed in August 2017
Marton	MA28	William	150	ML2MH04490	ML2MH04500	57	GEW	1	1	0	24th October	IC	5	Refilmed in August 2017
Marton	MA15	Skerman	150	ML2MH04070	ML2MH04060	69	GEW	4	1	1	25th October	IC	3	Refilmed in August 2017
Marton	MA26	Morris	150	ML2MH04590	ML2MH04580	62	GEW	2		1	18th October	IC	5	Refilmed in August 2017
Marton	MA06	Lower High Henderson	150	ML2MH02310	ML2MH02300	115	GEW	4	4	0	16th October	IC	3	Refilmed in August 2017
Marton	MA54		150	ML2MH06230	ML2MH06220	119	AC	5		0	19th October	IC	3	Refilmed in August 2017
Marton	MA57	High	150	ML2MH04540	ML2MH04550	112	GEW	4		0	20th October	IC	3	Refilmed in August 2017
Marton	MA58	Hair	150	ML2MH02320	ML2MH02340	90	GEW	8	3	3	17th October	IC	4	Refilmed in August 2017
						1581								

2017/2018 Programme:

Marton – Programmed start date 17 October 2017

Location	PTL Job Number	Street	#	Upstream ID	Downstream ID	Length as GIS	Material	Manhole comments	CCTV comments
Marton	MA50	Pukepapa	150	ML2MH05900	Un Plotted	82	AC	Both manholes need to be located and opened. There is also a Manhole @ 54.5m that is buried. Please locate and open.	
Marton	MA24	Bell	150	ML2MH04790	ML2MH04600	49	GEV	Council need to locate both manholes as what is on the ground does not match the GIS.	
Marton	MA44	Beaven	150	ML2MH0420	ML2MH04920	40	GEV	US manhole not found. Council will need to locate and open. Manholes located	
Marton	MA36 A and B	Bond	150	ML2MH03790	ML2MH02770	52	GEV	DS manhole not located. There is also a manhole buried at 94m from US manhole. This should be located, lifted and opened.	
Marton	MA22	Bell	150	ML2MH04620	ML2MH04880	112	GEV	DS manhole buried. Council need to locate and open.	
Marton	MA02	Follett	150	ML2MH02370	ML2MH02330	99	GEV	Cannot find the manholes on Council GIS. Council to confirm location of manholes and open.	
Marton	MA15	Skerman	150	ML2MH04070	ML2MH04060	70	GEV	Manholes located	Info to Malcolm to CCTV on 01/08/17
Marton	MA28	Morris	150	ML2MH04530	ML2MH04580	64	GEV	Manholes located	Info to Malcolm to CCTV on 01/08/17
Marton	MA47	Grey	225	ML2MH04030	ML2MH04020	103	PVC	locate and open. There is a manhole at 47.1m that is buried and will also	Pipe is PVC
Marton	MA45	Beaven	150	ML2MH04920	Un Plotted	117	GEV	DS Manhole buried. Council to locate and open. Manholes	
Marton	MA57	High	150	ML2MH04540	ML2MH04550	112	GEV	Manholes located	Refitted in August 2017
Marton	MA59	Hair	150	ML2MH02330	ML2MH02340	98	GEV	Manholes located. Same pipe as MA58 which has been lined.	

Taihape – work programmed for March 2018

Location	PTL Job Number	Street	#	Upstream ID	Downstream ID	Length as GIS	Material	Manhole comments	CCTV comments
Taihape	TA28	Moa	150	TA2MH0300	TA2MH0290	97	GEV	US manhole is lamp hole. Replace with manhole prior to CCTV	
Taihape	TA25	Hautapu	150	TA2MH0460	TA2MH0470	58	GEV	US manhole not found. Council to locate and open. DS manhole stuck. Council to open.	
Taihape	TA30	Railway Rd	200	TA2MH01560	TA2MH01550	24	GEV	US manhole has been marked by tripole and needs to be dug up. Might be an Inspection Point. DS manhole good.	
Taihape	TA24	Hautapu	150	TA2MH0910	TA2MH0300	94	GEV	DS Manhole not found. Council to locate and open.	
Taihape	TA21	Eagle	225	TA2MH1880	TA2MH1610	120	GEV	US Manhole not found. Council to locate and open.	
Taihape	TA24	Moa	150	TA2MH0310	TA2MH0320	86	GEV	Middle manhole found but US and DS not found. DS length differs to CCTV length	
Taihape	TA05	Till	150	TA2MH1560	TA2MH0645	82	GEV	US Manhole not found. Start of line. Council to locate and open.	
Taihape	TA17	Linnell	150	TA2MH0930	TA2MH0960	33	GEV	US manhole buried. Council to locate and open.	
Taihape	TA20	Eagle	225	TA2MH0940	TA2MH1880	96	GEV		

Watermain Projects (Taihape)

Two watermain packages have been approved and underway.

Package 1 – Hautapu & Kereru Street Watermain Renewals

Contract involves the renewal of 1,110m of watermain and 130 m of new rider main along Hautapu Street and Kereru Street Taihape.

Pipe material for the water main shall be 200 mm mPVC and 150 mm mPVC laid in open trench and 63 mm OD PE 80B for the rider main inserted into the existing 200 mm steel water main as specified in the drawings.

Package 1 awarded to I D Loader Ltd from Wanganui.

Contract Price: \$506,284.99

Progress

- Started 31 July 2017.
- Value of work claimed to date \$185,000.
- First section of watermain has been tested. Hautapu Street has been reinstated with asphalt.

Next stage

- Sterilisation and pressure testing section from SH1 to Kotare Street planned for 06/09/2017, after which businesses will be connected to new mains. At this time surface reinstatement will be completed also.



Package 2 – Linnet Street, Toroa Street, Robin Street and Tui Street Watermain Renewals

Contract involves the renewal of 690 m of water main, associated laterals and details along Linnet Street, Toroa Street, Robin Street and Tui Street, Taihape.

Pipe material for the water main shall be 150 mm mPVC for the water main and 63 mm OD PE 80B for the rider main laid in open trench as specified in the drawings.

Package 2 awarded to B Bullock (2009) Ltd from Wanganui.

Contract Price: \$445,824.00

Progress

- Started work on 14 August 2017.
- Second crew started work in Taihape on 30 August 2017
- Tui Street, Linnet & Toroa all pressure tested.
- Estimated costs to date approximately \$250,000.

Next stage

- Start Robin Street





WATER SUPPLY GROUP OF ACTIVITIES 2017/18			Sep-17	
Major programmes of work outlined in the LTP/Annual Plan 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	Design underway internally, existing line has been surveyed and new alignment to be finalised with agreement from landowner. 1) tender pre qualification EOI will be ready in the next month (2) tender documents late October early November.		
Taihape: Mataroa Road – water main renewal (\$470,786)	Renewal of 963m 225mm dia steel watermain along SH1 from Goldfinch to Linnet Street.	Design underway by GHD - Project may be broken in to two parts to meet budget constraints. 1) 150m to be done in conjunction with Mataroa Rd ridermain and PRV chamber.		
Taihape: Kokako Road – water main renewal (\$136,731)	Renewal of 380m 150mm dia steel watermain	Design underway by GHD		
Taihape: Takahe Street – water main renewal (\$45,373)	Renewal of complete length of watermain	Design completed by GHD. Will be the 1st renewal offered to Loaders or B Bullocks to price. Will be included in packages of work.		
Taihape: Mataroa Road – trunk main and rider main renewal (\$42,853)	Renewal of 304m of 100mm dia steel watermain outside motel.	Design underway by GHD - Project to be done in conjunction with PRV chamber.		
Taihape: Wren Street – water main renewal (\$33,357)	Renewal of 175m of 100mm dia steel watermain from 8-21 Wren St	Design underway by GHD		
Taihape: Lark Street/Swan Street water main renewal (\$29,526)	Renewal of 188m of 100mm dia cast iron watermain from Pukeko St to Swan St.	Design underway by GHD		
Taihape: Kawau Road water main renewal (\$15,959)	Renewal of 73m of 100mm dia AC watermain from 2-8 Kawau St	Design underway by GHD		
Hunternville – Milne Street water main renewal (\$115,000)	Scope to be confirmed			
Hunternville urban water (alternative supply) – test bore and additional storage.	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	Engaged with David Voss to provide contract documents and resource consent. Project on hold		
Hunternville rural water supply – minor works at current intake \$60,000)	Scope to be confirmed			
Bulls: reticulation renewals (\$538,000).	Scope to be confirmed			

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 underway, Seismic analysis will be handled as part of larger contract. Lift pump options being investigated. (2) looking at alternative options / sites for a reservoir in Bulls.		
Marton: seismic strengthening of clarifier (\$225,000), poly machine renewals and rotork valves etc. (\$70,000).	Detailed seismic investigation underway.	Tender awarded to Calibre	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.	1) Reservoir earthquake Strengthening assessment - tender awarded to Calibre .		
Mangaweka: physical works for seismic strengthening of the treatment plant (\$558,037)	Seismic assessment shows reservoir needs approx \$200-\$300k of strengthening. Investigate options for a new reservoir with an increased height and size.	1) Reservoir earthquake Strengthening assessment - tender awarded to Calibre		
Major projects Carry-forwards 2016/17				
Projects	Design/ Scoping	Tender/Contract docs	Under construction	Complete
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		
Mangaweka: Structural repairs as a result of seismic assessment (\$80k)	Seismic assessment shows reservoir needs approx \$200-\$300k of strengthening. Investigate options for a new reservoir with an increased height and size. Investigate condition of river pump station and intake structures to enable renewal of consent for abstraction. Physical works for seismic strengthening (\$558k) carried forward to 17/18 because of revised budget in 16/17.	1) Reservoir earthquake Strengthening assessment - tender awarded to Calibre	Investigation only	

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 underway, Seismic analysis will be handled as part of larger contract. Lift pump options being investigated. (2) looking at alternative options / sites for a reservoir in Bulls.		
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		
Taihape: Complete installation of lamella clarifier (\$70k)	Complete installation of lamella plate clarifier; will need pad for it to sit on and reinstatement of ladders and handrails. Allow \$50k for removal of old clarifier, \$20k for I&E.	Design complete, tender awarded to Andrew Morriss Construction	Foundation works underway, encountered design issues and proposed location of pad. Working through issues with KOA and Contractor.	
Taihape: Reticulation upgrade for Dixon Way & Mangaone Valley Road (\$70k)	Investigation followed by capital works; level of upgrade to be determined; investigate Rauma Rd school connection; need to report back to Council on options i.e. on demand, trickle feed, complete ring main. Replacement of small diameter mains with 50mm NB mains (JS). Brief already issued for investigation. Design complete, Tender issued, closes	Works completed by Blackley Contractors	Completed	Complete

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 have completed process works, commissioning on hold until after bore is redeveloped.	WIP- Water reticulation network completed. Reservoir completed. Bore installation completed, redeveloping bore due to sand infiltration. Land Entry (easement) no longer required as power supply will be running through road reserve. Kiwi Span have completed the installation of the treatment plant building apart from minor fixings and have handed building across to Filtec. Filtec has completed process works and waiting on bore to be redeveloped before plant is commissioned. <i>Welltech drillers have been further delayed and will not be onsite until November. We are currently contacting alternative drillers to try and get this work undertaken and avoid further delays.</i>
Taihapa reticulation: contracts being awarded in June 2017, work to be completed in 2017/18 (Package 1) Hautapu Street & Kereru St	Renewal of 1,110m of watermain and 130m of ridermain along Hautapu Street (from Mataroa Rd to Kereru Street) and Kereru St from Hautapu to Moa St	Tender Awarded to ID Loader from Wanganui	Project Started 31 July 2017. Refer monthly report for details relating to this project.	
Taihapa reticulation: contracts being awarded in June 2017, work to be completed in 2017/18 (Package 2) Linnet St, Toroa St, Robin St and Tui St	Renewal of 690m of watermain.in two separable portions A)Linnet and Toroa and B) Robin and Tui St	Tender Awarded to B Bullocks from Wanganui	Project Started 1 August 2017. Refer monthly report for details relating to this project.	

SEWERAGE AND THE TREATMENT AND DISPOSAL OF SEWAGE GROUP OF ACTIVITIES 2017/18				Sep-17
Major programmes of work outlined in the LTP/Annual Plan 2016/17				
Projects	Design/ Scoping	Tender/Contract docs	Under construction	Complete
Bulls: reticulation renewal – Bulls Domain (\$20,000).	Scope to be confirmed			
Marton: various reticulation renewals (\$411,000).	Sewers for renewal being surveyed ready for lining.	Relining contract awarded to Pipetech 450k per annum. Hotspots identified through condition assessment (CCTV) and schedule of works provided by Pipetech.	Relining work is scheduled to start 17th October - updates are included in Special report.	
Marton – treatment renewals prior to full assessment and drafting of consent application (\$267,000).	Scope to be confirmed.			
Huntermville: reticulation renewals, including Milne Street (\$270,000).	Sewers for renewal being surveyed ready for lining.	Relining contract awarded to Pipetech 450k per annum. Hotspots identified through condition assessment (CCTV) and schedule of works provided by Pipetech.	Pipetech have started relining work - updates are included in Special report.	
Taihapa: improvements to reticulation, including sewer main renewals in Linnet Street (\$1,075,000).	Sewers for renewal being surveyed ready for lining.	Relining contract awarded to Pipetech 450k per annum. Hotspots identified through condition assessment (CCTV) and schedule of works provided by Pipetech.	Pipetech have started relining work with Taihapa scheduled for March 2018- updates are included in Special report.	
Continue review of trade waste agreements. This was noted in the LTP specifically for Midwest Disposals	Dependent on Consent renewal - consent lodged 2015.			
Other major programmes of work carried forward from 2016/17				
Projects	Design/ Scoping	Tender/Contract docs	Under construction	Complete
Bulls wastewater treatment plant upgrade in terms of the new consent requirements.	Holding consent applied for, waiting on Horizons response.			
Marton wastewater treatment plant upgrade in terms of the new consent requirements.	Works needed to assist with Consent renewal (subject to successful treatment of leachate and advice from Advisory Group) to prepare for consent renewal in 2018. Sucker truck dump site required.	1) Infrastructure team is responsible for consent. 2) Design of road is completed in negotiation with roading maintenance contractor (Higgins).	Price received from Maintenance contractor, pricing given by Higgins not same as rates in maintenance contract. Initial price 30k over engineers estimate so plan to get two additional prices as per procurement policy.	
Ratana wastewater treatment plant upgrade in terms of the new consent requirements.	Additional treatment processes needed to treat ammonia and DRP. To be investigated. Operations to investigate and report on options. Steering group established.			
Ratana wastewater renewals: once the conditions of the new consent applications have been defined.	Scope to be confirmed.			
Other major programmes of work undertaken during 2017/18				
Projects	Design/ Scoping	Tender/Contract docs	Under construction	Complete

STORMWATER GROUP OF ACTIVITIES 2017/18				Sep-17
Major programmes of work outlined in the LTP/Annual Plan 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. 1) stormwater modelling to determine if 450mm dia culvert size is sufficient 2) Stormwater repairs to be undertaken by Doughty drainage after Hammond St is completed		
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.		
Other major programmes of work carried out during 2016/17				
Projects	Design/ Scoping	Tender/Contract docs	Under construction	Complete
Improvements to Marton stormwater reticulation (locations dependent on final modelling from Horizons Regional Council) (\$470,000)	Hot spots investigation and design mitigation underway.	Contract awarded to Doughty Contractors for Hammond Street \$124,796.00	Commencement 4th September 2017 with contract due for completion mid October.	

RUBBISH AND RECYCLING GROUP OF ACTIVITIES 2017/18			Sep-17
Major programmes of work outlined in the LTP/Annual Plan 2017/18			
What are they:	Targets	Progress to date	Work planned for next three months
Marton Waste Transfer Station - recycle shop - trial	Fully-funded by the waste levy and the contractor.	Shop operational	Monitor participation rate by public
Review the Waste Management and Minimisation Plan	This must be complete by 30 June 2018: Waste Management Act, section 50. Consultation will coincide with that undertaken for the 2018-28 Long Term Plan. The waste assessment (prescribed under section 51 of the WMA) must be complete before that review starts. Ideally, this work entails an analysis of all waste streams. However, as all kerb-side collection of waste in the District is done by private contractors, access to information about the characteristics of this waste is unlikely. This means the analysis is confirmed to waste taken to the waste transfer stations. Budget Waste takes its waste direct to the landfill.	Council workshop held in August-Draft WMMP awaiting recommendations from Council	Scope out costs for proposed initiatives 1) Kerbside recyclables collection: All major towns 2) Investigate feasibility of a shipping container recycle container at Koitiata. 3) Investigate implications of Council funded kerbside rubbish bag collection. 4) Altering of WTS opening hours- One general unified time for <u>most</u> WTSs
Waste minimisation	Waste Education NZ visits.	Marton - Confirmed Papanui Junction - Confirmed	Participation is optional
	Horizons Enviroschools programme.	Marton Childcare Centre visited for Bronze level reflection 28/09/2017. Environmental Educator visited Mataroa School and Mill Street Kindergarten - both are new to Enviroschools and have entered the program as 'Friends of Enviroschools.'	Participation in programme - optional
Other projects			
What they are:	Targets:	Progress to Date	Work planned for next three months
WMMP 2017	Prepare Draft for Consultation	First workshop held in August	Consultation on draft WMMP 2017

COMMUNITY AND LEISURE ASSETS GROUP OF ACTIVITIES 2017/18				Sep-17
Major programmes of work outlined in the LTP/Annual Plan 2017/18				
Parks and Open Spaces	Design/ Scoping	Progress to date	Progress for this period	Planned for the next two months
Funnell Reserve development – Gateway to Bulls	Looking at options for this project	Some discussions held with the local community.		Finalise a design for this project for implementation during summer.
Commence tree replacement programme in Council's parks	Tree planting schedule completed	Trees planted in a number of parks and road reserves. Trees planted in various locations. Marton, Turakina, Koitiata and Mangaweka.	Winter tree planting was completed.	
Achieve wastewater run-off compliance at Dudding Lake	Scope of fencing confirmed	Discussion with fencing contractor to deer fence the effluent field. Fencer confirmed for summer 2017/2018.		Fencing and weed clearance planned for summer and planting winter 2018.
Parks Upgrade Partnership- \$50,000 available			An application from the Taihape Showjumping Group is attached as a separate item. The group is seeking \$3400 towards upgrading the horse yards at Memorial Park, Taihape.	
Parks and Reserves: carry forward projects from 2016/17				
Parks Upgrade Partnership Fund: BBQ & seating, Wilson Park (proposal from Marton Community Committee) \$6,000 Friends of Mt Stewart – Lookout \$14,226.00 RDC - Drinking Fountains - \$9,343.57	Building consent issued for lookout tower.	Friends of Mt Stewart - lookout tower: no further progress will be made until ground conditions dry out. External funding of \$15,343.71 has been received by RDC meaning (with Council's contribution) that three fountains can be purchased.	Drinking fountains due to arrive early October and will be installed before summer.	MCC - BBQ & seating: Marton Community Committee will be asked to confirm at their October meeting if they still require the sum of \$6,000.
Mangaweka campground upgraded ablution/toilet block	Due to the possibility of a new Mangaweka Bridge being located downstream from the current bridge, and the significant earthwork that may effect the campground (particularly the top level where the amenity buildings are), the new build project has been postponed. Are now considering 'relocatable village' options, with a unit to be installed by mid October. This unit would then be able to be utilised at another Council property or sold when no longer required.	Relocatable options have been considered, including those that can be supplied with a wastewater tank (e.g. if the unit needed to be relocated elsewhere in the camping ground to be used by bridge/road realignment contractors at a later date, this could be done and a wastewater tank added). Discussions are being finalised for a 4-pan, 2-shower, 2-basin unit. The unit will be connected into the present waste-water system.	Code of compliance has been received for the building. Gravel pad has been prepared. Waiting for Exemption from building consent before delivery will be arranged.	Communication (for websites and to be placed on relocatable) to be prepared advising why new ablution block has not/will not be built by this summer.
Community Buildings	Design/ Scoping	Progress to date	Progress for this period	Planned for the next two months
Commence construction of the exterior of the multi-purpose facility in Bulls	Draft preliminary estimate has been received for the new multi-purpose facility in Bulls.	Value Management workshop was held to identify areas where costs could be reduced e.g. substitution of materials. Consultation on the altered funding model and the sale of surplus property conducted as part of the 2017/18 Annual Plan process. Council confirmed its decision to commission detailed drawings and specifications. A funding application has been submitted to JBS Dudding Trust.	Exploration of options to bridge potential shortfall from government, philanthropic and corporate funding. A supplementary funding application has been made to the Lotteries Community Facilities Fund, along with an application to the enhanced Tourism Infrastructure Fund.	Funding decisions are expected in November.

Prepare a concept design with costings on (a) retaining all the facades of the Cobbler/Davenport/Abraham & Williams buildings (High Street/Broadway, Marton) and building new behind them, and (b) demolishing all buildings and erecting an entirely new building, together having regard to the impact on the Broadway streetscape and opportunities for external funding support and (c) scoping and costing the upgrade of buildings on the Marton Library site and the Marton Administration Building site so that they are fit for purpose as a reference point for a. and b.	Opus was engaged to prepare a heritage assessment and concept development design. They undertook preliminary site investigations in mid-November. Consultation on the extent of the present buildings to be preserved was conducted as part of the 2017/18 Annual Plan process.	Council has agreed to do further work to clarify costs between heritage preservation and a new build for the proposed Marton Civic Centre on the corner of Broadway and High Street.	Commence developing a brief for making current Marton Administration and Library buildings in High Street fit for purpose (as well as earthquake-strengthened) as a comparative reference for the Cobbler/Davenport/Abraham & Williams proposals.	Finalise brief for existing Marton Administration and Library buildings. Commission concept drawings and costings for this and Cobbler/Davenport/Abraham & Williams site (preserve facades/complete new build).
Identify and assess viable options for community (amenities/grandstand/recreational) facilities on Taihape Memorial Park, engaging user groups in the process, so that there is a well-defined proposal	Council has agreed to set aside the outcome of last year's Annual Plan for a new amenity block on Taihape Memorial Park and conduct an intensive consultation process focussed on Taihape residents, to encompass a range of design and location options for amenity/grandstand/recreational facilities on that park. A project brief and timeline to be prepared to guide the identification and assessment of viable options for community facilities on the Park.	A draft terms of reference for the project was presented to June Assets/Infrastructure meeting. It was agreed to delay presenting the draft document to the Taihape Community Board meeting and ask for the Board's view on appropriate terms of reference at their 13 June meeting. The Board asked that the Taihape Grandstand decision be set aside and that the project focus on where the new amenities block is to be located. Council adopted a project brief at its meeting on 29 June 2017.	Project is currently focussed on information gathering.	Collection of all relevant information, allocation of site for the community facility and concept designs by December Council meeting.
Investigate longer-term options for the community groups using the former Taihape College buildings.	Potentially part of the immediately above project		See project immediately above	
Secure a new contract for the cleaning of Council properties	Council resolved to seek tenders for several geographically defined contracts allowing tenders to cover one, some or all of the contracts, with the new contract/s to start from 1 November 2017, to include the proposed Mangaweka village and Papakai Park toilet facilities, to be inclusive of all cleaning and stock consumables, and to be for a two year period, and that, simultaneously with seeking tenders, staff investigate the implications of bringing the cleaning service in-house.	Specifications and conditions of contract have been reviewed. Requests for Information (RFI) have been sought (on Tenderlink) from suitably experienced contractors interested in tendering for the contract. RFI closes 14 August.	Council has resolved that an in-house cleaning service for council properties, district-wide, will be implemented, effective 1 November 2017.	Materials and consumables will be sourced. Options will be considered for external sourcing of window cleaning, deep cleaning of toilets, carpet cleaning etc.
Community Buildings: carry forward projects from 2016/17				
Taihape Conference Hall/Women's Club Rooms: pending decision by Taihape Drama Group.	\$50,000 - Demolition of Conference Hall or to re-roof Womens Club building.	Taihape Drama Group were meeting on 24 July. They were waiting on reports and quotes from building contractors.	Taihape 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.	Decision to be made whether to demolish Conference Hall, or leave as is and spend funding on re-roofing the Women's Clubrooms.
Painting of Marton Park Jubilee Pavilion	Colours have been confirmed by Marton Community Committee - White and Dark Charcoal.	Quote has been received.	Purchase order has been issued for exterior/interior painting excluding roof, which will be washed down to clean up tiles.	Minor maintenance will be carried out before painting.
Painting of Marton Memorial Hall	Colours have been confirmed by Marton Community Committee - White and Dark Charcoal.	Tender was let to Programmed Property Services. Surface preparation underway.	Approximately two days of painting left to be actioned.	
Swimming Pools	Design/ Scoping	Progress to date	Progress for this period	Planned for the next two months

Complete upgrade to heating and filtration at the Taihape 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. Materials have been ordered. CCTV footage of current pipework scheduled. 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.	Ground works (removing ground tiles, replacing pipework etc) have been completed. Concrete reinstatement is underway. Heat pumps and UV units are ready to be brought on site and installed.	
Swimming Pools: carry forward projects from 2016/17				
Marton Swim Centre renewals: new shed, new plant	Building Consent issued for new shed.	Foundation prepared. Framing has been completed, and inspected. Awaiting on cladding, roofing and roller door.	Construction of shed has been completed. Currently applying for Code of Compliance certificate.	Emergency wash shower will be relocated. New stairs, safety rail and kick plate to be installed on tank viewing platform in present shed.
Taihape Swim Centre - changing rooms renewal		Requested quotes for partitions and painting.	Considering coating options for concrete floor surface in changing rooms.	
Community Housing	Design/ Scoping	Progress to date	Progress for this period	Planned for the next two months
Continue the upgrade programme for Council's community housing (unless the ownership and control is transferred to another organisation)	Inspections will be carried out using the Housing Warrant of Fitness Assessment Checklist and Manual as prepared by the Otago Medical School.	The majority of units have been inspected over May, June and July using the checklist. Tenants who were unavailable on the day will be contacted to arrange another time.	One vacancy at Bulls. New tenancy agreement being prepared. Staff are working on updating tenancy application.	Staff are having a strategic planning meeting in October with regards to Housing WoF, and maintenance/renewal planning.
Property	Design/ Scoping	Progress to date	Progress for this period	Planned for the next two months
Proceed with intended disposal of surplus sites in Bulls to help fund the new multi-purpose facility, taking into account concerns expressed during submission on Haylock Park	Investigate saleability of Council-owned surplus sites and include in Consultation Document for the 2017/18 Annual Plan		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	Confirmation of disposal process for Walton Street and Haylock Park sites; marketing of information centre site
Exercise the right to purchase 7 King Street, Marton (site of waste transfer station and works/parks team depot)	Formal advice to LINZ as specified under the lease	Clarification that no iwi or other interests require further consideration. LINZ preparing offer price. Council confirms authority for Chief Executive to purchase up to budgeted sum.	Sale and purchase agreement ready for signing by Council and LINZ	Finalise certificate of title
Public Toilets	Design/ Scoping	Progress to date	Progress for this period	Planned for the next two months
Install public toilets in Mangaweka Village and, if there is sufficient external funding, investigate additional toilets in Papakai Reserve (Taihape), Toe Toe Road, the River Bank at Bulls, Bruce Reserve in Hunterville, Ratana, and Simpsons Bush north of Hunterville	Funding confirmation has been received from Regional Mid-Sized Tourism Facilities Grant Fund for toilets at Mangaweka village, Papakai Reserve, and Bruce Reserve.	Quotations for pre-built structures were sought from three suppliers as per Council's procurement policy. On-site visits have been held with the preferred supplier. Awaiting confirmed quotations.	Further on-site meeting to be held at Bruce Park with supplier and DoC. Planning requirements for proposed Mangaweka sites are being discussed and considered with Council's planning staff.	Order for works will be issued, and supplier will commence manufacture.
Cemeteries	Design/ Scoping	Progress to date	Progress for this period	Planned for the next two months
Extend roadway at Mt View cemetery, Marton				
Plan the precise nature of the extension of the Ratana urupa including upgraded road access			Some remedial work has been actioned on the roadway from the road to the Urupa.	
Complete upgrade of roadway into the Rangitira cemetery at Hunterville	Design/scope is confirmed.	Stage I is completed.		Stage II will be completed during summer months of 2017/18.
Other major programmes of work to be carried out during 2017/18				
Projects	Design/ Scoping	Progress to date	Progress for this period	Planned for the next two months
Investigate and report upon				

* installing fencing on the perimeter of Centennial Park (Marton) and security cameras over the pavilion	The netting surround the courts requires replacement. Several of the posts that have been set into a raised concrete footing are starting to expand resulting in the concrete cracking in these locations. These cracks will continue to expand as the post rust further. The netting is also badly damaged in a number of areas and is badly stretched. This damaged has been caused by a number of reasons. These being: vandalism, historic plant growth and long term wear.	It has been investigated whether the netting around the old hockey courts could be recycled as a short term solution. However this netting is also badly stretched and with posts having to be replaced it is not consider this a viable option. A local contractor has designed and priced a system where the posts are bolted/bracketed onto the existing concrete footings so the footings do not need to be removed or replaced. The cost is approx \$24,000.	Council staff advised at the September meeting of Assets/Infrastructure that funding of \$24,000 was available to action this fence. This includes replacing the fence along Totara Street and down towards the netball pavilion/Broadway and additional fencing along the west end (Broadway end).	This work will be completed by end of November.
* demolishing the shed next to the Old Boys Rugby Club (Taihape Memorial Park);	The shed forms part of the boundary fence onto Kokako Street.		Quotes have been sought for the current boundary fence to be extended if the shed is removed, the demolition of the shed, and the reinstatement of the site.	Confirm costings of proposal.
* options around temporary heating in the Taihape Town Hall		A portable heater with flexible ducting was investigated. However the supplier confirmed that these indirect fired units still passed exhaust gases through with heated air and were not suitable for heating the hall. They have however suggested a diesel fired radiant heater option. This still requires a power source and ventilation of the heated area. It is suggested this would be used to heat the hall before people arrived, not while they were present.	No further progress, with all portable units investigated to date having some escaped exhaust fumes.	Investigations will continue.
* 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.		Confirm which alternative is to proceed
* provision of an additional seat on Kaka Road (Taihape)	Council requested this be referred to the Taihape Community Board	At its meeting on 14 June 2017, the Taihape Community Board decide to consider this question in its workshop discussion on 12 July 2017 (to be reported back to the Board's next scheduled meeting on 9 August 2017)	Taihape Community Board will confirm siting at their October meeting.	Await recommendation from Taihape Community Board
* establishing a dog cemetery at Hunterville	Clarification of the ownership of the suggested site at 27 Milne Street, consenting requirements, and likely cost to establish and maintain.	The site is owned by Council. It is zoned rural, so Council would need to issue a resource consent for the venture to go ahead. Council cannot be both the applicant for a resource consent and the agency which approves it, so Council (or the Hunterville Community Committee) would need to engage an external consultant to do that. In addition, a resource consent will be required Horizons Regional Council because of the stream which runs through the property. The Corrigin dog cemetery was established in 1974 and currently has over 200 graves. This year's burial fees are \$90. Periodic maintenance on the site is undertaken by the Corrigin Tidy Town Committee and other community volunteers.		Obtain detail from the Shire of Corrigin on the operational arrangements and budgeting for the dog cemetery.

Service Request Breakdown for August 2017- First Response

Service Requests Department	Compliance Current	Overdue	Responded in time	Responded late	Grand Total
Council Housing/Property	3	7	16	7	33
Council housing maintenance	2	5	7	4	18
Council property maintenance		1	7	2	10
Halls maintenance	1	1	1	1	4
Libraries maintenance			1		1
Grand Total	3	7	16	7	33

Percentage responded to in time 48%

Service Requests Breakdown August 2017 - Resolution

Service Request Department	Compliance				Grand Total
	Completed in time	Completed late	Current	Overdue	
Council Housing/Property	13	6	1	5	25
Council housing maintenance	7	2		3	12
Council property maintenance	5	3		1	9
Halls maintenance		1	1	1	3
Libraries maintenance	1				1
Grand Total	13	6	1	5	25

Percentage completed in time 52%

Service Request Breakdown for August 2017- First Response

Service Requests	Compliance		
Department	Responded in time	Responded late	Grand Total
Parks and Reserves	3	1	4
Maintenance (parks and reserves)	3		3
Water leak - parks and reserves only		1	1
Grand Total	3	1	4

Percentage responded to in time 75%

Service Requests Breakdown August 2017 - Resolution

Service Request	Compliance		
Department	Completed in time	Completed late	Grand Total
Parks and Reserves	2	1	3
Maintenance (parks and reserves)	2		2
Water leak - parks and reserves only		1	1
Grand Total	2	1	3

Percentage completed in time 67%

Service Request Breakdown for August 2017- First Response

Service Requests		Compliance				
Department		Current	Overdue	Responded in time	Responded late	Grand Total
Public Toilets		1	1	3	2	7
	Maintenance (public toilets)	1	1	2	2	6
	Toilet cleaning issues			1		1
Grand Total		1	1	3	2	7

Percentage responded to in time 43%

Service Requests Breakdown August 2017 - Resolution

Service Request Department	Compliance			Grand Total
	Completed in time	Completed late	Overdue	
Public Toilets	3	1	2	6
Maintenance (public toilets)	2	1	2	5
Toilet cleaning issues	1			1
Grand Total	3	1	2	6

Percentage completed in time 50%

Service Request Breakdown for August 2017- 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 to in time 100%

Service Request Breakdown for August 2017- First Response

Service Requests	Compliance	
Department	Responded in time	Grand Total
Street Cleaning	1	1
CBD cleaning (gutters/sumps) - Marton	1	1
Grand Total	1	1

Percentage responded to in time 100%

Service Request Breakdown for August 2017- First Response

Service Requests	Compliance	
Department	Responded in time	Grand Total
Wastewater	2	2
Caravan effluent dump station	1	1
Wastewater overflow (wet weather)	1	1
Grand Total	2	2

Percentage responded to in time 100%

Service Requests Breakdown August 2017 - Resolution

Service Request Department	Compliance Completed in time	Grand Total
Wastewater	1	1
Wastewater overflow (wet weather)	1	1
Grand Total	1	1

Percentage completed in time 100%

Service Request Breakdown for August 2017- First Response

Service Requests Department	Compliance Current	Overdue	Responded in time	Responded late	Grand Total
Water	4	8	38	3	53
Bad tasting drinking water			1		1
Dirty drinking water		1	11		12
General Enquiry			1		1
HRWS maintenance required	2		3	1	6
Location of meter, toby, other utility	1		3		4
New installation - water	1				1
Replace meter, toby or lid		2	8		10
Water leak - council-owned network, not parks or cemeteries		4	8	1	13
Water leak at meter/toby		1	3	1	5
Grand Total	4	8	38	3	53

Percentage responded to in time

72%

Service Requests Breakdown August 2017 - Resolution

Service Request Department	Compliance Completed in time	Completed late	Grand Total
Water	35	8	43
Bad tasting drinking water	1		1
Dirty drinking water	10	1	11
General Enquiry	1		1
HRWS maintenance required	1	2	3
Location of meter, toby, other utility	3		3
Replace meter, toby or lid	7	1	8
Water leak - council-owned network, not parks or cemeteries	8	3	11
Water leak at meter/toby	4	1	5
Grand Total	35	8	43

Percentage completed in time

81%

Service Request Breakdown for August 2017- First Response In Hours

Service Requests Department	Compliance Current	Overdue	Responded in time	Responded late	Grand Total
Footpaths	1		2		3
Footpath maintenance	1		2		3
Roads	2	11	40	11	64
Culverts, drains and non-CBD sumps		1	6	1	8
Potholes		2	1	3	6
Road maintenance - not potholes		6	18	6	30
Road signs (except state highway)	2	1	2		5
Road surface flooding - danger to traffic		1	12	1	14
Vehicle crossings			1		1
Roadside Trees, Vegetation and Weeds			2		2
Rural trees, vegetation and weeds			1		1
Urban trees, vegetation and weeds			1		1
Street Lighting	1	1			2
Street lighting maintenance	1	1			2
Grand Total	4	12	44	11	71

Percentage responded to in time **62%**

Service Requests Breakdown August 2017 - Resolution In Hours

Count of Rec No	Column Labels			
Row Labels	Completed in time	Completed late	Overdue	Grand Total
Footpaths	1		1	2
Footpath maintenance	1		1	2
Roads	26	8	13	47
Culverts, drains and non-CBD sumps	2	2	4	8
Potholes	1	2		3
Road maintenance - not potholes	15	4	6	25
Road signs (except state highway)	2		1	3
Road surface flooding - danger to traffic	6		1	7
Vehicle crossings			1	1
Roadside Trees, Vegetation and Weeds	1			1
Rural trees, vegetation and weeds	1			1
Grand Total	28	8	14	50

Percentage completed in time

56%

Service Request Breakdown for August 2017- First Response Outside Hours

Service Requests Department	Compliance Overdue	Responded in time	Grand Total
Roads	5	10	15
Culverts, drains and non-CBD sumps	1		1
Road maintenance - not potholes	3	4	7
Road surface flooding - danger to traffic	1	6	7
Street Lighting	1		1
Street lighting maintenance	1		1
Grand Total	6	10	16

Percentage responded to in time **63%**

Service Requests Breakdown August 2017 - Resolution Outside Hours

Count of Rec No	Column Labels			
Row Labels	Completed in time	Completed late	Overdue	Grand Total
Roads	4	3	3	10
Road maintenance - not potholes	2		1	3
Road surface flooding - danger to traffic	2	3	2	7
Street Lighting			1	1
Street lighting maintenance			1	1
Grand Total	4	3	4	11

Percentage completed in time 36%