



Rangitikei District Council

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**Rangitikei**  
UNspoilt...

## Assets/Infrastructure Committee Meeting

# Order Paper

**Thursday, 14 April 2016, 9.30 am**

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

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**Chair**  
Cr Dean McManaway

**Deputy Chair**  
Cr Mike Jones

### **Membership**

Councillors Nigel Belsham, Angus Gordon, Tim Harris, Soraya Peke-Mason,  
Ruth Rainey and Lynne Sheridan  
His Worship the Mayor, Andy Watson (ex officio)

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**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/Infrastructure Committee Meeting

Order Paper – Thursday 14 April 2016 – 9:30 a.m.

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The quorum for the Assets/Infrastructure Committee is 5.

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.

## **1 Welcome**

## **2 Council Prayer**

## **3 Apologies/Leave of absence**

## **4 Confirmation of minutes**

### **Recommendation**

That the Minutes of the Assets/infrastructure Committee meeting held on 17 March 2016 be taken as read and verified as an accurate and correct record of the meeting.

## **5 Chair's report**

A report will be tabled

### **Recommendation**

That the Chair's report to the meeting of Assets/Infrastructure Committee on 14 April 2016 be received.

## **6 Queries raised at previous meeting:**

- Vehicles crossing near PGG Wrightsons, Taihape  
Under investigation.
- Footpath from Dixon Way to town – a minor safety work?  
Under discussion with the New Zealand Transport Agency
- Final budget reconciliation for Marton water treatment plant upgrade  
A separate report is included in this Order Paper.
- Negotiations with Meridian on power bill for Taihape Papakai pump station  
Negotiations have continued, in terms of both a reduction of the amount invoiced and the installation of a 'time of use' meter.
- EECA audit – progress  
Under discussion with EECA.

## **7 Activity management**

- Roothing and footpaths

- Water (including rural water supplies)
- Sewage and the treatment and disposal of sewerage
- Stormwater drainage
- Community and leisure assets (including parks)
- Rubbish and recycling

(Reporting template for March 2016)

(Update on major projects)

## **8 Roothing contract performance**

A report will be tabled at the meeting

File: 5-CM-1-4: C980

### **Recommendation**

That the report on roading contract performance to the meeting of the Assets/Infrastructure Committee on 14 April 2016 be received.

## **9 C1014 – Okirae Road flood reinstatement works – direction and recommendation to Council**

The internal Funding Approval Request is attached.

File: 6-RT-5-18

Council authorisation is required as the only supplier price (following a closed tender to five suppliers), \$290,028.55, exceeds the Chief Executive's financial delegation. The work is intended to start on 19 April 2016. Delaying a fortnight (until the next meeting of Council) carries a risk of postponement until next summer. The recommendation contained in the Funding Approval Request has been accepted by the Chief Executive who has suggested a direction from the Committee to award the contract and for the Council to ratify this at its next meeting.

### **Recommendation**

That the Assets/Infrastructure Committee gives a direction that Contract 1014 – Okirae Road flood reinstatement works – be awarded to Loaders Civil Construction for a total value of two hundred and ninety thousand, twenty eight dollars and fifty-five cents (\$290,028.55) plus GST on the basis that (a) work commences on 19 April 2016 and (b) Council ratifies the direction at its meeting on 28 April 2016.



## **10 Majuba Bluff, Turakina Valley Road – proposed emergency work and improvements**

A report is attached

File: 6-RT-5-18

### **Recommendations**

- 1 That the report 'Turakina Valley Road (3) RP 9500 – 9720 (Majuba Bluff)' be received.
- 2 That option (b) for repairing and upgrading the Majuba Bluff section on the Turakina Valley Road is adopted, included in the roading programme for construction during 2016/17, and funded \$108,000 from emergency works and \$300,000 from minor improvements, subject to confirmation when a recommendation is made over the award of the contract.

## **11 Additional roading proposals - prioritisation**

A memorandum is attached.

File 6-RT-5-23

### **Recommendations**

1. That the memorandum 'Priorities for additional roading projects for 2015/16' be received.

EITHER

2. That the savings from the new road maintenance contract be applied to the proposed new footpaths in Bulls (136 to 160 High Street) and Ratana (Te Taitokerau Street) and the sealing of 3 km along the Turakina Valley Road; that \$67,000 be carried forward to 2016/17 to fund the local share of this project during the summer 2016/17; and that \$22,000 be transferred to the flood damage roading reserve.

OR

3. That the savings from the new road maintenance contract be applied to the proposed new footpaths in Bulls (136-160 High Street) and Ratana (Te Taitokerau Street); and that \$89,000 be transferred into the flood damage roading reserve.

OR

4. That the full extent of the savings from the road maintenance contract (\$171,000) be transferred into the flood damage roading reserve.

## **12 'Next steps for fresh water' MfE consultation document - proposed submission**

A draft submission will be tabled at the meeting (and circulated electronically beforehand). At its meeting on 31 March 2-16, Council authorised the Assets/Infrastructure Committee to approve (for the Mayor's signature) a submission to the Ministry for the Environment on its consultation document 'Next steps for fresh water' with the signed submission being included in the Council Order Paper for its meeting on 28 April 2016

### **Recommendations**

1. That the draft submission on 'Next steps for fresh water' be received.
2. That His Worship the Mayor be authorized to sign the submission [without amendment/as amended] to the Ministry for the Environment's consultation document 'Next steps for fresh water'.

## **13 Resource consent compliance – update**

A report is attached.

File: 5-EX-3

### **Recommendation**

That the report 'Consent compliance – March 2016' be received.

## **14 Renewal of Marton wastewater treatment plant – update**

A report is attached.

File: 6-WW-14

### **Recommendation**

That the report 'Marton Wastewater Treatment Plant as at 1 April 2016' be received.

## **15 Marton Water Treatments Plant upgrade – final actual costs**

A report is attached

File: 6-WS-3-6

### **Recommendation**

That the report 'Marton Water Treatments Plant upgrade – final actual costs' be received.

## **16 Stormwater 'hot spots' update**

The activity report describes progress on stormwater projects scheduled for this year.

## **17 Stormwater – identification of public and private drains – project update**

Stormwater systems have been identified and categorised as Public or Private in Council's GIS system. A detailed report will be provided to the next meeting of the Committee as the next step in bringing the stormwater provisions of the Water-related Services Bylaw into effect.

## **18 Former Taihape College site – proposed licence to occupy**

An update will be provided to the meeting.

## **19 Late items**

## **20 Future items for the agenda**

## **21 Next meeting**

Monday 16 May 2016 – to follow oral hearings, if time permits. Otherwise 16 June 2016

Council has scheduled Monday 16 May 2016 (replacing Thursday 12 May 2016) for oral hearings of submissions to the Consultation Document for the 2016/17 Annual Plan and other proposals being consulted on simultaneously.

## **22 Meeting closed**

# Attachment 1

# Rangitikei District Council

## Assets/Infrastructure Committee Meeting

Minutes – Thursday 17 March 2016 – 9:30 a.m.

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**Present:** Cr Dean McManaway (Chair)  
Cr Mike Jones  
Cr Nigel Belsham  
Cr Angus Gordon  
Cr Tim Harris  
Cr Ruth Rainey  
Cr Lynne Sheridan  
His Worship the Mayor, Andy Watson

**In attendance:** Mr Michael Hodder, Community & Regulatory Services Group Manager  
Mr George McIrvine, Finance & Business Support Group Manager  
Mr John Jones, Asset Manager - Roading  
Ms Joanna Saywell, Asset Manager - Utilities  
Mr Reuben Pokiha, Operations Manager - Roading  
Mr Andrew van Bussel, Operations Manager - Utilities  
Mr Jim Mestyanek, Senior Project Engineer - Roading  
Ms Gaylene Prince, Community & Leisure Services Team Leader  
Ms Samantha Whitcombe, Governance Administrator

**Tabled Documents:**

<b>Item 5</b>	<b>Chair's Report</b> – Chair's Report
<b>Item 8</b>	<b>Activity Management</b> – Roading Projects and Reseals List
<b>Item 9</b>	<b>Roading Contract Performance</b> – Roading Contract Performance
<b>Item 10</b>	<b>Emergency Works Update – Roading Structures – March 2016</b> - Emergency Works Update – Roading Structures – March 2016
<b>Item 11</b>	<b>Additional Roading Proposals for 2015/16</b> - Additional Roading Proposals for 2015/16
<b>Item 14</b>	<b>Electricity Supply to Council</b> – Electricity Supply to Council



## 1 Welcome

The Chair welcomed everyone to the meeting.

## 2 Council Prayer

Cr McManaway read the Council Prayer.

## 3 Apologies/leave of absence

That the apology from absence from Cr Peke-Mason, and the apology for lateness from His Worship the Mayor be received.

Cr McManaway / Cr Gordon. Carried

## 4 Confirmation of order of business

The Chair informed the Committee that there would be no change to the order of business from that set out in the agenda. He also informed the Committee that he would need to leave the meeting at 10.30am and that the Deputy Chair would take over the meeting.

## 5 Chair's report

Resolved minute number 16/AIN/020 File Ref

That the Chair's report to the 17 March 2016 meeting of the Assets/Infrastructure Committee be received.

Cr McManaway / Cr Harris. Carried

## 6 Confirmation of minutes

Resolved minute number 16/AIN/021 File Ref

That the Minutes (and Public Excluded Minutes) of the Assets/Infrastructure Committee meeting held on 11 February 2016 be taken as read and verified as an accurate and correct record of the meeting.

Cr Belsham / Cr Rainey. Carried

Cr Sheridan arrived 9.38am

## 7 Queries raised at previous meeting:

The Committee noted the response to the queries raised at the previous meeting. An in depth discussion was held around the potential to amend the opening hours for the Marton Waste Transfer Station on a Saturday and Sunday.

### Motion

That the opening hours for the Marton Waste Transfer Station on a Saturday and Sunday be altered by 2 hours (10am to 5pm) for a trial period of three months, and this trial period be well promoted.

### Amendment

...be extended until 4.30pm...

Cr Harris / Cr Jones. Carried

### Resolved minute number

16/AIN/022

### File Ref

That the opening hours for the Marton Waste Transfer Station on a Saturday and Sunday be extended until 4.30pm for a trial period of three months, and this trial period be well promoted.

Cr Belsham / Cr Sheridan. Carried

The Committee asked that the trial start in the first weekend of April.

Cr Harris 9.56am / 9.57am

## 8 Activity management

Mr Pokiha spoke to the Activity Management templates for Roading and Footpaths. The Committee requested that staff look into the vehicles crossings near PGG Wrightsons in Taihape as they are being degraded by heavy vehicles.

## 9 Roading contract performance

Mr Pokiha spoke briefly to the tabled report highlighting the fact that the performance issues experienced in the Rangitikei District have also been experienced in the Manawatu and Horowhenua Districts.

The Chair left the meeting 10.20am, the Deputy Chair took over for the remainder of the meeting.

## 11 Additional roading proposals for 2015/16

Mr Pokiha spoke briefly to the tabled report. The Committee suggested that the proposed walkway for Dixon Way could be considered a Minor Safety Improvement and could be eligible for a NZTA subsidy, staff undertook to investigate this option.

The Committee requested that further work be done to prioritise the projects outlined in the report and a further report be provided to a future meeting before anything is referred to Council.

**Resolved minute number** 16/AIN/023 **File Ref** 6-RT-5

That the memorandum 'Additional roading proposals for 2015/16' be received.

Cr Gordon / Cr Sheridan. Carried

## 8 Activity management

Continued...

Ms Saywell spoke to the Activity Management Templates for Water, Stormwater and Sewerage and the Treatment of Sewage, noting that the repairs to the leak identified in Mangaweka has greatly improved Councils water take.

Ms Prince spoke briefly to the Activity Management Template for Community and Leisure Assets. The Committee requested that further financial detail be added to the lines on the Bulls Multi-purpose Community Centre, the irrigation project on Taihape Memorial Park and the Parks Upgrade Scheme.

**Resolved minute number** 16/AIN/024 **File Ref**

That the activity management templates for February 2016 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 Harris / Cr Rainey. Carried

## 10 Update on repair works from the June 2015 rainfall event

Mr Mestyanek narrated a presentation on the progress with the repair works from the June 2015 rainfall event and spoke briefly to the tabled report.

**Resolved minute number** 16/AIN/025 **File Ref**

That the report 'Emergency Works Update – Roothing Structures – March 2016' be received.

Cr Belsham / Cr Gordon. Carried

## 12 'Next steps for fresh water' MfE consultation document

Ms Saywell narrated a presentation and informed the Committee that a submission will be drafted for Council to approve at its next meeting.

## 13 Consent compliance – update

Ms Saywell spoke briefly to the report and noted the ongoing discussion with the owners of the Bonny Glen Landfill, Midwest Disposals Ltd, on the need to pre-treat the leachate that is accepted into the Marton Wastewater Treatment Plant and the potential increasers to the Trade Waste fees if pre-treatment is not done.

<b>Resolved minute number</b>	<b>16/AIN/026</b>	<b>File Ref</b>	<b>5-EX-3</b>
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That the report 'Consent compliance – February 2016' be received

Cr Sheridan / Cr Gordon. Carried

Cr Rainey 11.4am / 11.46am

## 15 Renewal of Marton wastewater treatment plant – update

Ms Saywell gave a verbal update on the renewal of the Marton Wastewater Treatment Plant, noting that the plant has been consistently compliant with the conditions of its Resource Consent as there has been very little disposal of leachate from the Bonny Glen landfill.

## 14 Electricity Supply to Council

Mr McIrvine spoke briefly to the report. The Committee suggested that a legal viewpoint on the arrears for power usage at the Taihape Papakai pump station be obtained before any negotiations are entered into, and that a group be set up to work on negotiations with Meridian.

<b>Resolved minute number</b>	<b>16/AIN/27</b>	<b>File Ref</b>	<b>5-CF-4-9</b>
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That the report 'Electricity Supply to Council' be received.

Cr Jones / Cr Harris. Carried

<b>Resolved minute number</b>	<b>16/AIN/028</b>	<b>File Ref</b>	<b>5-CF-4-9</b>
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That regarding the arrears for power usage at the Taihape Papaki Pump station, Council agrees to endorse the approach to negotiate downward the amount due to Meridian as it stemmed from their errors.

Cr Jones / Cr Harris. Carried

**Resolved minute number**                      **16/AIN/029**                      **File Ref**                      **5-CF-4-9**

That Council endorses the ECCA audit approach and having a clear accountability around this cost type and the supplier.

Cr Gordon / Cr Sheridan. Carried

## **16 Stormwater 'hot spots' update**

Ms Saywell gave a verbal update on the Stormwater 'hot spots' in Marton, noting that there has been very little rainfall lately to identify any new areas of concern.

## **17 Infrastructure Shared Services – further investigation of options**

Mr Hodder spoke briefly to the agenda note.

## **18 Mangaweka Camping Ground ablution block**

Ms Prince spoke briefly to the report.

**Resolved minute number**                      **16/AIN/030**                      **File Ref**                      **6-RF-1-1**

That the report 'Mangaweka Camping Ground ablution block' be received

Cr Jones / Cr Sheridan. Carried

**Resolved minute number**                      **16/AIN/031**                      **File Ref**                      **6-RF-1-1**

That additional funding of up to \$50,000 from the Restricted reserves (Reserves Act) – Rural Land Subdivision account be allocated for improving the ablution facilities at the Mangaweka Camping Ground through demolishing the present structure and rebuilding.

Cr Belsham / Cr Sheridan. Carried

## **19 Marton Park management plan**

Ms Servante spoke briefly to the report.

**Resolved minute number**                      **16/AIN/032**                      **File Ref**                      **1-CP-4-7**

That the memorandum "Marton Park management plan' be received.

Cr Jones / Cr Gordon. Carried

## **20 Late items**

Nil

## **21 Future items for the agenda**

Nil

## **22 Next meeting**

Thursday 14 April 2016, 9.30 am

## **23 Meeting closed – 12.22 pm**

Confirmed/Chair: \_\_\_\_\_

Date: \_\_\_\_\_



# Attachment 2

ROADING AND FOOTPATHS GROUP OF ACTIVITIES 2015/16							March	
Performance measures in LTP/Annual Plan								
What are they:	Targets		Progress for this reporting period			Progress to date		
Road Condition: The average quality of ride on a sealed local road network measured by smooth travel exposure	96.5% The most recent measurement was in June 2014. The mean rating for the sampled District’s roads was 98%. This					Nothing to report.		
Road Maintenance: The percentage of the sealed road network that is resurfaced	8% During 2014/15, 61.84 km of road resealing and 6.91 km of road rehabilitation was completed. This is 8.6% of the		The Reseal contract commenced in January. Refer attached report.			Refer attached report.		
The percentage of the unsealed road network which is retailed during the year	At least 75% of network retailed each year – 12,000m <sup>3</sup>		Metalling continuing in the Northern Area.			A lot of metal has been applied to sections of the roading network affected by the June event. Funding for this work from the emergency works bucket.		
Footpaths: The percentage of footpaths within the District that fall within the level of service or service standard for the condition of footpaths that is set out in the Council’s relevant document (such as its annual plan, activity management plan, asset management plan, annual works programme or long term plan)  Note: A five point grading system to rate footpath condition based on visual inspections 1) Excellent 2) Good 3) Fair 4) Poor 5) Very Poor	At least 80% of footpath lengths in CBD areas in Bulls, Marton, Hunterville and Taihape are at grade 3 or higher At least 65% of sampled footpaths lengths outside CBD areas are at grade 3 or higher At least 90% of sampled footpaths assessed at grade 5 are included in upgrade programme during the following two years.		Condition rating report has been received. Programme to rectify identified faults is being created.			As indicated		
Road Safety The change from the previous financial year in the number of fatalities and serious injury crashes on the local road network expressed as a number	No change or a reduction from previous year During 1 July 2014 and 30 March 2015, there were 3 fatalities and 12 serious injury accidents.		One Fatal accidents was reported during March .			One fatal crash		
Adequacy of provision and maintenance of footpaths, street-lighting and local roads (annual survey)	A greater proportion (than in the benchmark) or more than 10% of the sample believe that Council’s service is getting better		The newly appointed street lighting contractor plus the maintenance contractor striving to ensure a good standard of maintenance is being achieved.			Annual survey due in March 2016		
Response to service requests The percentage of customer service requests relating to roads and footpaths to which the territorial authority responds within the time frame specified in the long-term plan.	95% after-hours callouts responded to within 12 hours 95% callouts during working hours, responded to within 6 hours 85% of all callouts resolved (i.e. completed) within one month of the request. Specific reference to callouts relating to potholes		For the current month:32 callouts recorded with 26 responded to on time (81%) and 1 current (0.3%) Callouts after hours 5 (100%) responded to on time Potholes 0 (na% completed on time) Callouts completed (one month prior); Callouts received 46 with 31 completed on time (67%), with 5 current (1%)			Total callouts to date number = 386 (91% responded to on time) Number of callouts after hours = 52 (98% responded to on time) Number of potholes = 38 (95% responded to on time)		
Requests for Service								
What are they:	Responded in time	Completed in time*	Responded late	Completed late*	Response overdue	Uncompleted overdue*	Response current	Uncompleted current*
Bridges								
Maintenance (bridges)								
Culverts/Drainage								
Maintenance (culverts/drainage)	6	6			2			
Footpaths								
Maintenance (footpaths)						1		
Road Signs								
Maintenance (road signs)	2	3						1
Roads								

Maintenance (roads - potholes only)		2			1		
Maintenance (roads - not potholes)	11	10			1	2	4
<b>Roadside Berm Mowing</b>							
Rural/Urban berm mowing		3				1	
<b>Roadside Weeds/Vegetation/Trees</b>							
Maintenance (roadside weeds/vegetation/trees)	5	5			1	1	1
<b>Street Cleaning and Litter Bins</b>							
CBD cleaning - Turakina and Mangaweka only	1						
<b>Street Lighting</b>							
Maintenance (street lighting)	1	2	1			1	

\* Data is for the month PRIOR to allow for correct analysis

ROADING AND FOOTPATHS GROUP OF ACTIVITIES 2015/16				March	
Major programmes of work outlined in the LTP/Annual Plan 2015/16					
Pavement Rehabilitation	Route Position Length	Status	Start date	Completion date	
Wanganui Road	0-544		Jan-16	May-16	
		The excavation phase of this project has identified that stormwater pipes are in poor condition requiring repalcement. The flow on effect of this is that the expected completion date is now late May.			
Capex report 2015/15	cumulative to 30/09/2015	cumulative to 31/12/2015	cumulative to 30/3/2016	cumulative to 30/6/2016	Budget
Sealed road surfacing:	2%	30,516	Not available		1,871,565
Drainage Renewals	27.00%	89,536	Not available		337,425
Pavement rehabilitation	2%	13,309	Not available		684,175
Structures component replacement	19%	35,769	Not available		189,163
Traffic services renewal	9.00%	22,407	Not available		224,950
Associated improvements	0%	0	Not available		25,000
Unsealed road metalling	8%	38,078	Not available		460,125
TOTAL					
Streetlight renewals	Design/ Scoping	Tender/Contract docs	Under construction	Complete	
Marton: Discussions have taken place with our Assets team with the prospect of the upgrading of the street lights to LEDS. The intention/plan is to replace in blocks for effectiveness with the potential savings for power being significant. Approx 70% This also means that the maintenance costs would also be reduced significantly.	Design - 100% complete	ADSL Contract	New Contract This work sheduled to commence April		
Marton: Blenneville Close	Design - 100% complete	ADSL Contract			
Marton: Hanalin Drive	Design - 100% complete	ADSL Contract			
Marton: High Street	Design - 100% complete	ADSL Contract			
Taihape: Huia Street	Design - 100% complete	ADSL Contract			
Ratana: Kiatere Street	Design - 100% complete	ADSL Contract			
Marton: Lambert Street	Design - 100% complete	ADSL Contract			
Ratana: Taihauauru Street	Design - 100% complete	ADSL Contract			
Marton: Totara Street	Design - 100% complete	ADSL Contract			
Ratana: Wharekauri Street	Design - 100% complete	ADSL Contract			
Ratana: Rangatahi Road (investigate costs only)	The section along Rangatahi Road from Waipounamu Street to the playground a length of approx 74m. Estimated cost 10k.				
Footpath Renewals	Design/ Scoping	Tender/Contract docs	Under construction	Complete	
Taihape: Robin Street	Design - 100% complete (length 70m)	This contract has been re-tendered due to the original tenderers were non compliant.	TBC		
Marton: Lower High Street	Design - 100% complete (length 30m)	This contract is in the process of being approved.	TBC		
Taihape: Hautapu Street	Design - 100% complete (length 73m)				
Taihape: Hawk Street	Design - 100% complete (length 25m)				
Taihape: Kaka Road	Design - 100% complete (length 160m)	This contract has been re-tendered due to the original tenderers were non compliant.	TBC		
Monitor upgrades of footpaths in Turakina including the laying of chipseal	Higgins to carry out this work - March				
New Footpaths	Design/ Scoping	Tender/Contract docs	Under construction	Complete	
Bulls: Hammond Street	Design - 100% complete (length 190m)	This contract is in the process of being approved.	TBC		
Ratana: Taihauauru Street	Design - 100% complete (length 76m)				
Ratana: Tairawhiti Street	Design - 100% complete (length 100m)				
Ratana: Rangatahi Road	Design - 100% complete (length 75m)	This contract is in the process of being approved.	TBC		
Bulls: 136-160 High Street (investigate costs only)	\$40,000 -footpath concrete 1.4 wide plus 16 driveways. 180m				
Taihape: SH1 to Dixon Way (investigate costs only)	This particular project is a major one running from the town to Dixon way heading south and potentially will traverse along the SH. Discussions to be held with NZTA to explore the options for this project.				
Ratana: Te Taitokerau and Seamer Streets (investigate costs only)	\$42,000 Te Taitokerau length approx 230m - 1.4wide -10 driveways. Seamer street was identified to have a footpath on the opposite side of the street, but the recommendation is not to as a lot of parking of buses takes place along here.				
Minor safety improvements	Design/ Scoping	Tender/Contract docs	Under construction	Complete	
Pungatawa Road curve improvements	Still to be investigated for potential Corner easing	TBC			
Parewanui Road seal widening	Still to be investigated for potential seal widening sites along the total length	TBC			
Other major programmes of work carried out during 2015/16					
Projects	Design/ Scoping	Tender/Contract docs	Under construction	Complete	
Makirikiri Road seal widening RP 8500-8820 (inconjunction with new milk tanker entranceway @ McCarthy's)	Design - 100 % complete	Gribbons's Contractor and Higgins	Currently under construction, 80% complete.		
Turakina Valley 3 - widening Majuba Bluff RP 9450-9660 (inconjunction with flood damage repair work)	Concept design is complete		Programmed for 16/17 year		

## Reseals Progress up to end of Business 31<sup>st</sup> March 2016

Rangitikei District Council			31 <sup>st</sup> March 2016
	Target Completion	Current Completion	% Progress
Length (Chipseal)	56.275km	56.275km	100.0%
Length (AC)	0.596km	0.000km	0.0%
Length Total	56.871km	56.275km	99.0%
No of Sites	107No	100No	93.5%



Completion Month	Length (m)	No of Sites	AREA		
			NORTH	CENTRAL	SOUTH
January 2016	11000	25	0	0	25
February 2016	27300	45	31	6	8
March 2016	17975	30	0	1	29
	56275	100			

Site No	Site Name	Area	Start (m)	Finish (m)	Length (m)	Month Completed
2	BRYCES LINE	SOUTH	14	2300	2286	Jan-2016
3	BURNSFORD ROAD	SOUTH	5	944	939	Jan-2016
4	CANBERRA SQUARE	SOUTH	4	52	48	Jan-2016
5	CANBERRA SQUARE - T	SOUTH	0	54	54	Jan-2016
6	CANTEEN STREET	SOUTH	4	400	396	Mar-2016
7	CORSAIR ROW	SOUTH	4	44	40	Jan-2016
8	DALRYMPLE PLACE	SOUTH	4	119	115	Mar-2016
9	DALRYMPLES ROAD	SOUTH	4	1560	1556	Jan-2016
10	DEVON CRESCENT	SOUTH	4	252	248	Jan-2016
11	FAGAN STREET	SOUTH	10	103	93	Jan-2016
12	FLOWER STREET	SOUTH	14	418	404	Jan-2016
14	FOLLETT STREET	SOUTH	308	533	225	Mar-2016
15	GORGE ROAD	NORTH	4456	6105	1649	Feb-2016
16	GORTON STREET	SOUTH	12	305	293	Jan-2016
17	GREY STREET	SOUTH	6	183	177	Mar-2016
18	GREY STREET	SOUTH	205	464	259	Mar-2016
19	HAMMOND STREET	SOUTH	10	380	370	Jan-2016
20	HARRIS STREET	SOUTH	6	671	665	Mar-2016
21	HENDERSONS LINE	SOUTH	19	1042	1023	Mar-2016
22	HIBBERDS ROAD	NORTH	3	20	17	Feb-2016
23	HIGH STREET BULLS	SOUTH	1396	1560	164	Jan-2016
24	HOLLAND CRES.	SOUTH	16	417	401	Jan-2016
25	HUDSON AVENUE	SOUTH	4	377	373	Jan-2016
29	HUIA STREET	NORTH	200	284	84	Feb-2016
31	HUIA STREET	NORTH	530	798	268	Feb-2016



Completion Month	Length (m)	No of Sites	AREA		
			NORTH	CENTRAL	SOUTH
January 2016	11000	25	0	0	25
February 2016	27300	45	31	6	8
March 2016	17975	30	0	1	29
	56275	100			

Site No	Site Name	Area	Start (m)	Finish (m)	Length (m)	Month Completed
32	JOHNSON STREET	SOUTH	42	699	657	Jan-2016
33	KAUANGAROA ROAD	CENTRAL	6300	6414	114	Mar-2016
34	KEA STREET	NORTH	0	55	55	Feb-2016
35	KOEKE ROAD	NORTH	2690	4031	1341	Feb-2016
36	KOTARE STREET	NORTH	16	126	110	Feb-2016
37	LAKE ALICE ROAD	SOUTH	2438	3018	580	Jan-2016
38	LOOKOUT ROAD	NORTH	18	89	71	Feb-2016
39	MAKIRIKIRI ROAD	SOUTH	33	1325	1292	Mar-2016
43	MAKUHO ROAD	SOUTH	3303	4247	944	Feb-2016
44	MAKUHO ROAD	SOUTH	4247	4858	611	Feb-2016
45	MAKUHO ROAD	SOUTH	4858	5827	969	Feb-2016
46	MANSELL CRES.	SOUTH	4	136	132	Jan-2016
47	MARSHALL ROAD	CENTRAL	0	251	251	Feb-2016
48	MEADS PLACE	SOUTH	5	68	63	Jan-2016
49	MEADS PLACE MTN	SOUTH	4	61	57	Mar-2016
50	MOKAI ROAD	NORTH	1770	1934	164	Feb-2016
51	MOKAI ROAD	NORTH	1934	3473	1539	Feb-2016
52	MOKAI ROAD	NORTH	3473	3553	80	Feb-2016
53	MT CURL ROAD	SOUTH	27	451	424	Feb-2016
54	MT CURL ROAD	SOUTH	473	512	39	Feb-2016
55	MT CURL ROAD	SOUTH	6024	7810	1786	Feb-2016
56	NGAHINA STREET	SOUTH	12	414	402	Mar-2016
57	NGARETA STREET	SOUTH	5	260	255	Mar-2016
58	NGARETA STREET	SOUTH	275	327	52	Mar-2016
59	NO 7 LINE	SOUTH	12	556	544	Jan-2016



Completion Month	Length (m)	No of Sites	AREA		
			NORTH	CENTRAL	SOUTH
January 2016	11000	25	0	0	25
February 2016	27300	45	31	6	8
March 2016	17975	30	0	1	29
			56275	100	

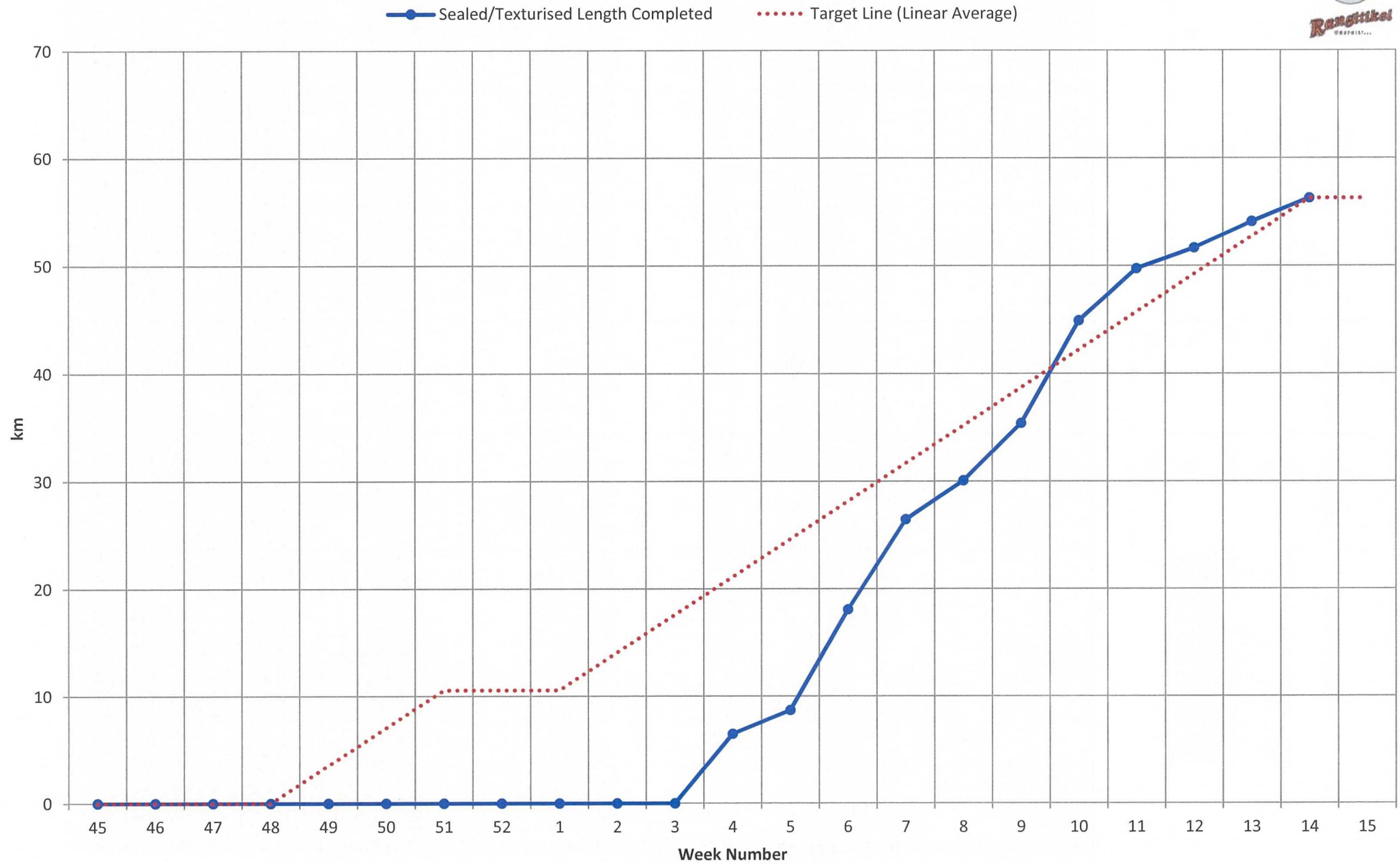
Site No	Site Name	Area	Start (m)	Finish (m)	Length (m)	Month Completed
60	OLDFIELD PLACE	SOUTH	4	80	76	Jan-2016
61	PAIN PLACE	SOUTH	4	115	111	Jan-2016
62	PAPAKAI ROAD	NORTH	668	782	114	Feb-2016
63	PUKENAUA RD	NORTH	2836	3547	711	Feb-2016
64	PUKEPAPA ROAD EXTN	SOUTH	16	1260	1244	Jan-2016
65	RANGATIRA ROAD	CENTRAL	5171	6205	1034	Feb-2016
66	RATANA ROAD	SOUTH	1830	2388	558	Mar-2016
67	RAUMA ROAD	NORTH	19	522	503	Feb-2016
68	RESERVOIR ROAD	NORTH	11	1093	1082	Feb-2016
69	RUANUI ROAD	NORTH	12820	13925	1105	Feb-2016
70	RUANUI ROAD	NORTH	13925	14400	475	Feb-2016
71	RUANUI ROAD	NORTH	14400	14505	105	Feb-2016
72	RUATANGATA ROAD	SOUTH	1013	1103	90	Mar-2016
74	SICELY STREET	SOUTH	5	108	103	Mar-2016
75	SPOONERS HILL ROAD	NORTH	7004	8636	1632	Feb-2016
76	TAIHAPE-NAPIER ROAD 2	NORTH	794	1662	868	Feb-2016
77	TAIHAPE-NAPIER ROAD 2	NORTH	25360	26704	1344	Feb-2016
78	TOROA STREET	NORTH	6	100	94	Feb-2016
79	TOROA STREET	NORTH	199	265	66	Feb-2016
80	TUHOE ROAD	NORTH	3	11	8	Feb-2016
81	TUHOE ROAD	NORTH	6051	6071	20	Feb-2016
83	TURAKINA VALLEY ROAD 1	SOUTH	3378	3830	452	Mar-2016
84	TURAKINA VALLEY ROAD 1	SOUTH	3830	4040	210	Mar-2016
85	TURAKINA VALLEY ROAD 2	SOUTH	15	844	829	Mar-2016
86	TURAKINA VALLEY ROAD 3	CENTRAL	7921	8183	262	Feb-2016



Completion Month	Length (m)	No of Sites	AREA		
			NORTH	CENTRAL	SOUTH
January 2016	11000	25	0	0	25
February 2016	27300	45	31	6	8
March 2016	17975	30	0	1	29
	56275	100			

Site No	Site Name	Area	Start (m)	Finish (m)	Length (m)	Month Completed
87	TURAKINA VALLEY ROAD 3	CENTRAL	8183	10828	2645	Feb-2016
88	TURAKINA VALLEY ROAD 3	CENTRAL	11153	12050	897	Feb-2016
89	TURAKINA VALLEY ROAD 3	CENTRAL	12050	12608	558	Feb-2016
90	TUREHU STREET	NORTH	3	107	104	Feb-2016
91	TUREHU STREET (LOOP)	NORTH	3	32	29	Feb-2016
92	TUTAENUI ROAD	SOUTH	278	820	542	Mar-2016
93	TUTAENUI ROAD	SOUTH	820	1057	237	Mar-2016
94	TUTAENUI ROAD	SOUTH	5948	6622	674	Feb-2016
95	UNION LINE	SOUTH	2008	3659	1651	Mar-2016
96	VAMPIRE GROVE	SOUTH	4	69	65	Jan-2016
97	VENTURA GROVE	SOUTH	4	115	111	Jan-2016
98	WAIMUTU ROAD	SOUTH	4	2040	2036	Mar-2016
99	WAIMUTU ROAD	SOUTH	6780	7553	773	Mar-2016
100	WAIRANU ROAD	NORTH	0	932	932	Feb-2016
101	WAIRANU ROAD	NORTH	932	2010	1078	Feb-2016
102	WALKER CRESCENT	SOUTH	5	153	148	Jan-2016
104	WANGANUI ROAD	SOUTH	969	2217	1248	Mar-2016
105	WARRENS ROAD	SOUTH	118	305	187	Feb-2016
106	WEKA STREET	NORTH	6	208	202	Feb-2016
110	WELLINGTON ROAD	SOUTH	3472	4386	914	Mar-2016
111	WELLINGTON ROAD	SOUTH	4386	6840	2454	Mar-2016
112	WHARUA ROAD	NORTH	11	180	169	Feb-2016
113	WILLIAM STREET	SOUTH	16	185	169	Mar-2016
114	WILLIS STREET	SOUTH	5	104	99	Mar-2016
115	WINGS LINE	SOUTH	30	608	578	Mar-2016

## RDC Chipseal Progress - 2015/16 Programme





Performance measures in LTP/Annual Plan			
What are they:	Targets	Progress for this reporting period	Progress to date
Safety of Drinking Water The extent to which the local authority's drinking water supply complies with: (a) part 4 of the drinking-water standards (bacteria compliance criteria), and	No incidents of non-compliance	No change from previous reporting period	No incidents of non-compliance
(b) part 5 of the drinking-water standards (protozoal compliance criteria).	No incidents of non-compliance	No change from previous reporting period	No incidents of non-compliance
Compliance with resource consents	No more than two incidents of non-compliance with resource consents	Non-compliances recorded for Mangaweka, Marton and Taihape.	Not achieved.
Number of unplanned water supply disruptions affecting multiple properties	Fewer unplanned water supply disruptions affecting multiple properties than in the previous year (there were two unplanned water interruption during 2014/15 and 11 properties were affected)		None
Maintenance of the Reticulation Network: The percentage of real water loss from the local authority's networked reticulation system (including a description of the methodology used to calculate this).	Using a sampling approach, Water Outlook enables SCADA information to be interrogated in-house. The target is less than 40%	Estimated water losses for March 2016 are estimated to be 37%	Current losses are averaging 37%. Note that this is a very rough estimate based on minimum night flows which include 24 hour industrial use and any overnight garden watering.
Demand Management The average consumption of drinking water per day per resident within the territorial authority district.	600 litres per person per day	Average water consumption for March 2016 is estimated at 542L/person/day	Based on all data for this reporting period, consumption is estimated to be 542 litres per person per day.
Fault Response Times Where the local authority attends a call-out in response to a fault or unplanned interruption to its networked reticulation system, the following median response times measured: (a) attendance for urgent call-outs: from the time that the local authority receives notification to the time that service personnel reach the site, and	Specified standard: 0.5 hours Target is less than the previous year During 2014/15, there were 27 notifications of urgent callouts. Of these, 24 were responded to in time. The request for service system is being adapted to record median response times to set the benchmark. In the interim, the benchmark used is the prescribed service standard.	Since the request for service system does not calculate the actual times taken, a median cannot be determined. The benchmark used is the prescribed service standard. It is expected that the system will allow calculation of median times during 2015/16	Since the request for service system does not calculate the actual times taken, a median cannot be determined. The benchmark used is the prescribed service standard. It is expected that the system will allow calculation of median times during 2015/16
(b) resolution of urgent call-outs: from the time that the local authority receives notification to the time that service personnel confirm resolution of the fault or interruption.	Specified standard: 24 hours Target is less than the previous year  During 2014/15, there were 27 notifications of urgent callouts. Of these, 21 were resolved in time. The request for service system is being adapted to record median response times to set the benchmark. In the interim, the benchmark used is the prescribed service standard.	Since the request for service system does not calculate the actual times taken, a median cannot be determined. The benchmark used is the prescribed service standard. It is expected that the system will allow calculation of median times during 2015/16	Since the request for service system does not calculate the actual times taken, a median cannot be determined. The benchmark used is the prescribed service standard. It is expected that the system will allow calculation of median times during 2015/16

(c) attendance for non-urgent call-outs: from the time that the local authority receives notification to the time that service personnel reach the site, and	Specified standard: 24 hours Target is less than the previous year  During 2014/15, there were 382 notifications of non-urgent callouts. Of these, 346 were responded to in time.	Since the request for service system does not calculate the actual times taken, a median cannot be determined. The benchmark used is the prescribed service standard. It is expected that the system will allow calculation of median times during 2015/16	Since the request for service system does not calculate the actual times taken, a median cannot be determined. The benchmark used is the prescribed service standard. It is expected that the system will allow calculation of median times during 2015/16
(d) resolution of non-urgent call-outs: from the time that the local authority receives notification to the time that service personnel confirm resolution of the fault or interruption.	Specified standard: 96 hours Target is less than the previous year  During 2014/15, there were 382 notifications of non-urgent callouts. Of these, 342 were resolved in time.	Since the request for service system does not calculate the actual times taken, a median cannot be determined. The benchmark used is the prescribed service standard. It is expected that the system will allow calculation of median times during 2015/16	Since the request for service system does not calculate the actual times taken, a median cannot be determined. The benchmark used is the prescribed service standard. It is expected that the system will allow calculation of median times during 2015/16
Customer Satisfaction The total number of complaints received by the local authority about any of the following: (a) drinking water clarity	Total number of complaints is less than 45/1000	0.4/1000	11.00/1000
(b) drinking water taste	Total number of complaints is less than 45/1000	0/1000	0.6/1000
(c) drinking water pressure or flow	Total number of complaints is less than 45/1000	0.2/1000	1.7/1000
(d) continuity of supply, and	Total number of complaints is less than 45/1000	0.4/1000	2.0/1000
(e) the local authority's response to any of these issues expressed per 1000 connections to the local authority's networked reticulation system	Total number of complaints is less than 45/1000	19.00/1000	30.00/1000
Ensure fire-fighting capacity in urban areas through random flow checks at the different supplies	98% of checked fire hydrant installations are in compliance	Programme of hydrant checks is ongoing	Programme of hydrant checks is ongoing
What are they: Rural water supplies	Targets	Progress for this reporting period	Progress to date
Compliance with resource consents	No incidents of non-compliance with resource consents	Flow recording stopped on the Hunterville Rural Scheme on 17 March. A SCADA upgrade is underway.	Not achieved.
The percentage of real water loss from the Council's rural water schemes	A sampling approach will be used. Water Outlook enables SCADA information to be interrogated in-house. The target is less than 40%	No change from previous reporting period	No formal assessment has yet been undertaken of water loss in the rural (non-potable) schemes: the benchmark adopted is that used for urban (potable) water supplies.
Where the Council attends a call-out in response to a fault or unplanned interruption to its rural reticulation system, the following median times are measured (a) attendance time: from the time that the Council receives notification to the time that service personnel reach the site, and	The request for service system is being adapted to record median response times to set the benchmark. In the interim, the benchmark used is the prescribed service standard. However, given the nature of rural water schemes, the target is to continue achieving the benchmark. Specified standard: a) 24 hours		
(b) resolution time: from the time that the Council receives notification to the time that service personnel confirm resolution of the fault of interruption	b) 96 hours		

#### Requests for Service

What are they:	Responded in time	Completed in time	Responded late	Completed late	Response overdue	Completed overdue	Response current	Uncompleted current
Water			Page 28					
Bad tasting drinking water								



Dirty drinking water	2							
HRWS Maintenance required	1	3		1				
HRWS No water supply		2						
Location of meter/toby/other utility	2	2						
Low drinking water pressure (non urgent)	1	1						
No drinking water supply (urgent)	2	1						
Replace lid (non urgent)	1	1						
Replace lid (urgent)								
Replace toby or meter	9	7						
Water flooding (other than stormwater and wastewater)	1							
Water leak - Council-owned network	8	16				1		
Water leak at meter/toby	5	11						

WATER SUPPLY GROUP OF ACTIVITIES 2015/16				March
Projects	Design/ Scoping	Tender/Contract docs	Under construction	Complete
District Wide: WTP seismic investigation	Full list of structures to be assessed being collated together with relevant plans for forwarding to Structural Engineer. (est \$75k)	Preliminary investigation underway: Bulls WTP Clarifier; Bulls Mushroom; Trickers reservoir; Mangaweka WTP; Taihape WTP Reservoir; Marton Concrete Clarifier. Tenders closed Jan 29, currently under consideration, pending recommendation for joint procurement with RDC/RDC.	Kevin O'Connor engaged to complete Seismic (conditional & Structural) assessments. Work to commence March 2016. Bulls, WTP, "mushroom" & Trickers reservoir field assessment complete.	
Bulls: bore water oxidation improvements	Equipment ordered, electrical installation and configuration being priced. Including retention tank/chlorination (est \$90k)			
Bulls: filter backwash to sewer mains	Pipe being designed to remove existing discharge to the stream. (est \$100k)			
Mangaweka: consent renewal - Rangitikei River abstraction	Consent expires 2017. Looking to increase abstraction limits if possible. (est \$100k)			
Mangaweka: pressure management	Water modelling investigation underway (est \$10k)			
Marton: consent renewal - WTP discharge	Consent expires Nov 2016 - new consent requirements currently being scoped. (est \$100k)			
Marton: King Street Water Main	100mm AC replacement. Investigation & design underway (est \$250k)	Design tender/contract docs underway. Proposed to let as joint contract with Main St renewal. Increased to 150mm RFT due Feb 2016. Contract & Tender Docs completed RFT April 2016.		
Marton: Main Street Water Main (Station Road to Marumaru St)	400m/150mm AC replacement. Investigation and design underway (est \$117,500)	as above	Construction commenced with in-house Ops Team, Feb 2016. Works programmed to be completed April 2016	
Marton: bridge valves and crossing maintenance	Installation of isolation valves for pipe bridges across Tutaenui Stream. Under investigation & design (est \$60k)	Preliminary design underway, joint project with Ops team.		
Marton: Broadway Water Main Duplication (High St to Signal St)	163m/150mm GEW replacement. Under investigation & design, (est \$50k)			
Marton: Calico Line water Pressure Pump	New pressure pump. Under investigation & design, (est \$98k)			
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.	Building works programmed Oec 2015 Treatment works programmed Jan 2016 Reservoir & Network Connections TBC. Meeting with Dairylands & Ricky Taiaoro, land ownership issues resolved. Meeting with Ratana Waipu Trust Feb 14 to sign lease. Survey plan to be prepared to give effect to lease. Site access to be upgraded. Building Consent application made. Building Foundation works to commence early April	Water reticulation network completed. Reservoir completed. Bore installation completed. Land Entry (easement) agreement signed with Ratana Waipu Trust. Filtec commenced fabrication of process equipment. KiwiSpan to lodge BC March 2016. Work programmed to be completed June 2016.
Taihape: pressure management	Valve replacement currently being designed			
Other major programmes of work carried out during 2015/16				
Projects	Design/ Scoping	Tender/Contract docs	Under construction	Complete
Taihape WTP Chamber renewal	Complete	Tender award to Blackleys (\$72k)	Water chamber and valve installation completed. As built supplied	Completed
Marton: Wanganui Road Watermain renewal (est \$250k)	520m 150mm AC watermain renewal, including new ridermain. Project brought forward to coordinate with major road reconstruction project programmed for 2015/16	Watermain renewal design & tender docs completed. Tenders close Nov 20th. Tender awarded to Blackleys Ltd	Work commenced Jan 2016, due to be completed April 2016.	
Bulls: Johnson st watermain renewal (est \$120k)	345m 150mm watermain extension	Design & Tender docs completed. Tender awarded to ID Loaders (\$75k)		Completed Jan 2016
Taihape WTP Upgrade Clarifier installation	Design/scope complete	Tender awarded to Service Engineering	Installation programmed April 2016	

Performance measures in LTP/Annual Plan			
What are they:	Targets	Progress for this reporting period	Progress to date
Discharge compliance Compliance with the Council's resource consents for discharge from its sewerage system measured by the number of (a) abatement notices	No abatement notices	No abatement notices received.	Achieved
(b) infringement notices	No infringement notices	No infringement notices received	Achieved
(c) enforcement orders, and	No enforcement orders	No enforcement orders received	Achieved
(d) convictions received by the Council in relation to those resource consents	No convictions	No convictions received.	Achieved
Routine compliance monitoring of discharge consents	No single network to experience more than 4 overflows during a 12 month period.		Achieved - no recorded overflows from the network this month.
System and adequacy The number of dry weather sewerage overflows from the Council's sewerage system, expressed per 1000 sewerage connections to that sewerage system	Not more than one per 1,000 connections	0/1000	0.7/1000
Fault response time Where the Council attends to sewerage overflows resulting from a blockage or other fault in the Council's sewerage system, the following median times are measured (a) attendance time: from the time that the Council receives notification to the time that service personnel reach the site, and	Specified standard: Urgent 0.5 hours Non-urgent 24 hours Target is less than the previous year. The request for service system is being adapted to record median response times to set the benchmark. In the interim, the benchmark used is the prescribed service standard. During 2014/15, there were 35 faults reported during first nine months of the year. Of these, 34 were responded to in time.	Since the request for service system does not calculate the actual times taken, a median cannot be determined. The benchmark used is the prescribed service standard It is expected that the system will allow calculation of median times during 2015/16.	Since the request for service system does not calculate the actual times taken, a median cannot be determined. The benchmark used is the prescribed service standard It is expected that the system will allow calculation of median times during 2015/16.
(b) resolution time: from the time that the Council receives notification to the time that service personnel confirm resolution of the fault of interruption	Specified standard: Urgent 24 hours Non-urgent 96 hours Target is less than the previous year. The request for service system is being adapted to record median response times to set the benchmark. In the interim, the benchmark used is the prescribed service standard. During 2014/15, there were 35 faults reported during first nine months of the year. Of these, 32 were resolved in time.	Since the request for service system does not calculate the actual times taken, a median cannot be determined. The benchmark used is the prescribed service standard It is expected that the system will allow calculation of median times during 2015/16	Since the request for service system does not calculate the actual times taken, a median cannot be determined. The benchmark used is the prescribed service standard It is expected that the system will allow calculation of median times during 2015/16
Customer satisfaction The total number of complaints received by the Council about any of the following: a) sewage odour b) sewerage system faults c) sewerage system blockages, and d) the Council's response to issues with its sewerage systems expressed per 1,000 connections to the Council's sewerage system.	Less than 18/1000 The request for service system currently does not show all complaints for any one incident so there is potential under-reporting. Benchmark figures from 2014/15 are: (a) 4/1000 (b) 7/1000 (c) 14/1000 (d) 10/1000* The total is 35/1000	(a)0.2/1000 (b)0/1000 (c) 0.2/1000 (d) 0.4/1000	(a) 0.4/1000 (b) 5.5/1000 (c) 1.9/1000 (d) 8.5/1000

Requests for Service								
What are they:	Responded in time	Completed in time*	Responded late	Completed late*	Response overdue	Completed overdue*	Response current	Uncompleted current*
<b>Waste</b>								
Caravan effluent dump station								
Maintenance (wastewater)	1							
Wastewater blocked drain	1		1					
Wastewater leak	1							
Wastewater network failure (follow up item only)								
Wastewater odour	1	1						
Wastewater overflow (dry weather)	1							
Wastewater overflow (wet weather)			1					

\* figures are for month prior

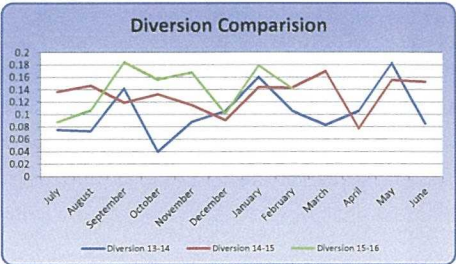
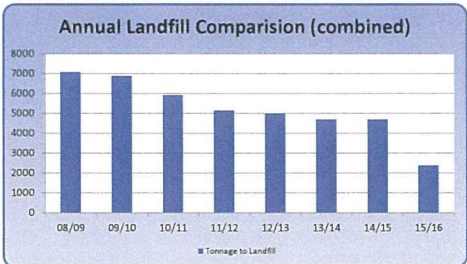
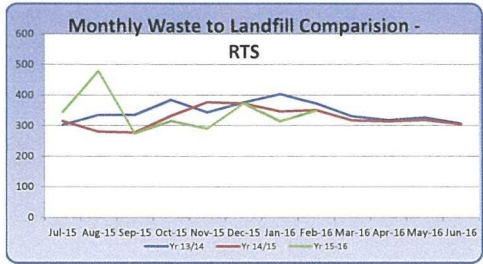
SEWERAGE AND THE TREATMENT AND DISPOSAL OF SEWAGE GROUP OF ACTIVITIES 2015/16				February
Major programmes of work outlined in the LTP/Annual Plan 2015/16				
Projects	Design/Scoping	Tender/Contract docs	Under construction	Complete
Bulls: Domain WWPS Control Upgrade High St Sewer Main (127 to 141)	Upgrade of Ranger control under investigation & design. (est \$15k)	Contractor engaged	Contractor's work programmed	
Hunterville: Ongo Rd Sewer Main Renewals	4 sections of Ongo road 86m/150mm GEW, 58m/150mm GEW, 232m/100mm GEW & 82m/150mm GEW replacements. Under investigation & design. (est \$150k).	Prelim design complete CCTV complete . Sewer line programmed for Dec 2015.	Sliplining completed. LJR's to be installed work to be completed March 2016.	
Koitiata: Wastewater Scheme Extension	Under investigation & design, for wastewater solution for town. (est \$130k). Awaiting outcome of community consultation.			
Marton: Broadway Sewer Main Renewal	163m/150mm GEW replacement. Under investigation & design. (est \$50k)	Contractor engaged (Pipetech)	Lining works programmed to be completed April 2016	
Marton: Inlet tank	Under design, sketch plans produced.	Contract & Tender Docs being prepared		
Marton: New anaerobic pond	Design on hold part of discussions with Advisory Group			
Marton: Review the Trade Waste agreement with MidWest Disposal Ltd (Bonny Glen landfill waste stream)	New Trade Waste Agreement drafted and being amended to suit dates agreed with Council			
Taihape: Mataroa Rd Sewer Main Renewal	28m/150mm GEW replacement. Under investigation & Design. (est \$40k)			
Hunterville: WWTP Upgrade – new clarifier	Upgrade of plate separator and plant. Second hand clarifier purchased and installed. (est \$200k)		Installed and operating	Final optimisation still required
Ratana: WWTP Upgrade – land application scheme	Under investigation & design. Upgrade to treat ammonia and consent compliance (est \$100k). Additional aeration being designed.			
Taihape: WWTP Upgrade – replacement clarifier	Rock filter/ dividing curtains upgrade of design of clarifier scoped. (est \$450k)	Council awarded contract including Stainless option to Service Engineering Dec 2015	Installation programmed April 2016	
Other major programmes of work carried out during 2015/16				
Projects	Design/Scoping	Tender/Contract docs	Under construction	Complete
Bulls WWTP Upgrade (est\$1.4M)	Bulls WWTP consent renewal and plant upgrade works.	Resource consent applied for with horizons		
Goldings Line	Design/scope completed	Contract awarded to Pipetech Ltd.	Work completed Jan 2015	Complete

Performance measures in LTP/Annual Plan								
What are they:	Targets		Progress for this reporting period			Progress to date		
Discharge compliance Compliance with the Council’s resource consents for discharge from its stormwater system measured by the number of (a) abatement notices (b) infringement notices (c) enforcement orders, and (d) convictions received by the Council in relation to those resource consents	Council currently has no resource consents for stormwater discharges Horizons Regional Council has indicated that resource consents may be required in the future, but the timeline for this has yet to be confirmed. When this occurs the anticipated benchmark will be no abatement or infringement notices, no enforcement orders and no convictions.		Achieved			Achieved		
System adequacy a) The number of flooding events that occurred in the District b) For each flooding event, the number of habitable floors affected (expressed per 1,000 properties connected to the Council’s stormwater system) Note: This is a District-wide assessment The rules for the mandatory measures define a ‘flooding event’ as an overflow from a territorial authority’s stormwater system that enters a habitable floor	Less than 1/1000  a) During 20-21 June 2015, as a result of extreme rainfall, there was a flooding event which affected properties in Hunterville, Marton, Whangaehu and Koitiata. However, Whangaehu and Koitiata are not connected to the Council’s stormwater system. b) During this event, 4/1000 habitable floors were affected. There were 16 habitable floors affected (includes two blocks at Marton School, Adobe Motel and four Council community housing units). There are 4,122 properties in		(a) 0/1000, (b) 0/1000			(a) 0/1000, (b) 0/1000		
Customer satisfaction The number of complaints received by the Council about the performance of its stormwater system, expressed per 1,000 properties connected to the Council’s stormwater system.	Less than 15/1000 The request for service system does not show all complaints for any one incident, so there is potential under-reporting.  Outcome for 2014/15: 62/1000		0.2/1000			6.8/1000		
Response time: The median response time to attend a flooding event, measured from the time that the Council receives notification to the time that service personnel reach the site.	1 hour There are very few such events, so the target set is identical with the benchmark.		Since the request for service system does not calculate the actual times taken, a median cannot be determined. The benchmark used is the prescribed service standard It is expected that the system will allow calculation of median times during 2015/16.			Since the request for service system does not calculate the actual times taken, a median cannot be determined. The benchmark used is the prescribed service standard It is expected that the system will allow calculation of median times during 2015/16.		
Requests for Service								
What are they:	Responded in time	Completed in time*	Responded late	Completed late*	Response overdue	Completed overdue*	Response current	Uncompleted current*
Stormwater								
Stormwater blocked drain (non urgent)	1							
Stormwater blocked drain (urgent)			1					
Stormwater road surface flooding (non urgent)			1					
Stormwater road surface flooding (urgent)								

\* figures are for month prior

Major programmes of work outlined in the LTP/Annual Plan 2015/16				
Projects	Design/ Scoping	Tender/Contract docs	Under construction	Complete
Marton: Broadway Stormwater Renewal	39m/225mm CON replacement. Under investigation & design. (est \$20k)			
Marton: Hammond St Stormwater Renewal	Retic network under investigation and design. (est \$225k)	Tender/Contract Docs underway. RFT closes Friday 8th April 2016		Outlet design complete. Discharge consent granted from horizons.
Marton: Dunallen Ave Stormwater Upgrade	Proposed diversion into horizons detention pond. Under investigation & design. (est 50k)			
Marton: Kapuni St Stormwater Upgrade	Watercourse between Marumaru & Ngahina St Under investigation & design. (est \$180k)	Design and tender and contract docs complete.	Construction commenced Jan 2016, Shane Gribbon Cont engaged. completion programmed March 2016.	
Other major programmes of work carried out during 2015/16				
Projects	Design/ Scoping	Tender/Contract docs	Under construction	Complete
Marton: Russell St	Due to site constraints, the original design was not cost effective so an alternative improvement at the kindergarden is being considered. Current consideration is to relign the existing stormwater main through the kindergarden area and upgrade the grating to the entranceway to the culvert to prevent future blockages. The cost to date for designs/tenders contract preparation and resource consents is: \$78,159. There was no funding carried forward from the 2014/15 financial year.	Sliplining contract scheduled updated to include section under childcare centre.	Sliplining of section under Childcare section and new manhole at junction to be installed	

RUBBISH AND RECYCLING GROUP OF ACTIVITIES 2015/16		
Performance measures in LTP/Annual Plan		
What are they:	Targets	Progress to date
Waste to landfill	4,500 tonnes to landfill	53% of target- at 2,385 tonnes -
Waste diverted from landfill (tonnage and (percentage of total waste)	Percentage of waste diverted from landfill 12%	An average of 14% diverted from landfill
Requests for Service		
What are they:	Completed on time	Completed late
None for Solid waste	N/a	None





RUBBISH AND RECYCLING GROUP OF ACTIVITIES 2015/16			March
Major programmes of work outlined in the LTP/Annual Plan			
What are they:	Targets	Progress to date	Work planned for next three months
Waste management	Taihape Greenwaste handling and transport costs - variation to contract	Greenwaste is now being accepted	Once sufficient quantity is in place, onsite mulching to be trialled.
	Investigate the possibility to extend opening hours for the Ratana Waste Transfer Station	Ratana WTS now receiving paper and cardboard - Container operational	Promotion of new service
Waste minimisation	Greenwaste Taihape site modification	So far this year schools visited are - Turakina Maori Girls, Papanui, Rangiwaia, Marton Junction, Taoroa and Clifton Schools	Not known. Acceptance of programme is voluntary.
	Horizons EnviroSchools programme	Programme running- 5 Schools now in programme. South Makirikiri, Pukeokahu, Bulls, Nga Tawa Diocesan and Marton Child Care. Two schools visited by facilitator - Marton Child Care and Nga Tawa Diocesan	Visit all schools who have embraced the EnviroSchools programme

COMMUNITY AND LEISURE GROUP OF ACTIVITIES 2015/16		Mar-16
Performance measures in LTP/Annual Plan		
What are they:	Targets	Progress to date
Provide a "good enough" range of community and leisure assets at an appropriate proximity to centres of population	Progressive improvement in provision and maintenance of the Library service: A greater proportion (benchmark = 15%) of the sample believe that Council's service is getting better	Survey underway during March.
	Progressive improvement in provision and maintenance of the swimming pools: A greater proportion (benchmark = 17%) of the sample believe that Council's service is getting better	Survey underway during March.
	Progressive improvement in provision and maintenance of the sports fields and parks: A greater proportion (benchmark = 5%) of the sample believe that Council's service is getting better	Survey underway during March.
	Progressive improvement in provision and maintenance of public toilets: A greater proportion (benchmark = 19%) of the sample believe that Council's service is getting better	Survey underway during March.
	Progressive improvement in provision and maintenance of community buildings: A greater proportion (benchmark = 4%) of the sample believe that Council's service is getting better	Survey underway during March.
	Progressive improvement in provision and maintenance of community housing: A greater proportion (benchmark = 0%) of the sample believe that Council's service is getting better	Survey underway during March.
Number of users of libraries	An increase in use compared with the benchmark: During 2013/14, 124,801 people entered the libraries Bulls: 20,373 Marton: 49,967 Taihape: 56,461 Count adjusted to compensate for non-recording periods	Progress will be noted at the end of the year.
Number of users of pools	An increase in use compared with the benchmark For the 2014/15 season: 19,445 in Marton 10,099 in Taihape	Progress will be noted at the end of the swimming season

Requests for Service			
What are they:	Completed on time	Completed late	Overdue
<b>Cemeteries</b>			
Cemetery maintenance	1		
<b>Council Housing/Property</b>			
Maintenance (Council housing/property)	15	3	
<b>Graffiti/Vandalism</b>			
Graffiti/Vandalism			
<b>Halls</b>			
Maintenance (halls)	1		
<b>Street Cleaning</b>			
Street litter bins/maintenance			
<b>Parks and Reserves</b>			
Maintenance (parks and reserves)	2		1
Waterleaks - Parks only	1		
<b>Public Toilets</b>			
Cleaning (public toilets)			
Maintenance (public toilets)		4	3

# COMMUNITY AND LEISURE ASSETS GROUP OF ACTIVITIES 2015/16

Mar-16

Major programmes of work outlined in the LTP/Annual Plan 2015/16

Parks and Open Spaces	Design/ Scoping	Tender/Contract docs	Under construction	Complete
Taihapa: repair and reseal access road off Toroa Street				Road was repaired and resealed in January, and road-marking completed in February.
Turakina: repair and re-metal access road to Dudding Lake				Potholes were filled and roadway has been metalled.
Ratana: Review maintenance Contract with Ratana Communal Board				Contract documentation has been signed.
District-wide: Implements community partnership scheme to achieve park upgrades of \$150,000 (in cash and in kind) from a Council contribution of \$50,000	\$5884.63 paid out, and \$6000 provisionally allocated = \$38,115.37 available			
Taihapa: Investigate source of, and then supply water for irrigation to Memorial Park, Taihapa up to maximum of \$50,000.	Project is well underway. A full design of the water source is currently being developed. We are waiting on further information from the irrigation provider on final pump specifications. This should be received by the 15th March 2016	A draft of a short form contract is being developed. This will be put out to tender once final design work has been completed.		
Community Buildings	Design/ Scoping	Tender/Contract docs	Under construction	Complete

Bulls: Develop multi-purpose facility in Bulls (initial phases)	Project Plan in place. Horowhenua District Council supplying support for major fundraising. Architecture Workshop appointed (\$20,000 spent to date). Application to Community Facilities Fund (\$700,000) and Powerco (\$100,000) submitted at end of February 2016. Powerco request resubmission for fitout costs once the building is underway.			
Marton: Complete refurbishment of Shelton Pavilion, Centennial Park				Opening of refurbished building was held in December 2015.
Swimming Pools	Design/ Scoping	Tender/Contract docs	Under construction	Complete
Taihape: urgent renewals viz filtration heating, repainting exterior, interior, toddler pool and main pool.	During a routine health and safety audit on the pool, some structural issues were noted around the learner's pool. Structural repairs to the complex wall were completed in December. Presently waiting for written options and pricing for filtration and heating.			
Marton: urgent renewals viz painting main and toddlers pools				Painting of Pools complete. The compound used on the joints before the pool was painted has caused some paint flaking in those locations. The supplier/manufacturer of the product has committed to rectifying at their cost. This will be done when the pool is emptied/dried out at the end of the season.
Marton: close off dive well and introduce bulk head into 50 m pool	One dive board has been dismantled. Quotes have been received for filling in the dive well, however it has been identified that there is some required work in the plant shed that may require a tank/drainage and utilising part of the dive well for this is presently been considered as an option. Trevor Nicholls is investigating further options for the bulk head.			

Taihape and Marton: introduce free swimming entry for school groups and pre-schoolchildren accessing swimming lessons				Free entry for pre-schoolers, and for school groups attending a swim lesson were introduced districtwide.
Community Housing	Design/ Scoping	Tender/Contract docs	Under construction	Complete
Invest in renewal of community housing stock as a pre-requisite to handing over ownership and/or management to a third party.	Notification has been sent to tenants. Document for 'Expressions of interest' in ownership or management has been prepared. Local contractors have been contacted to discuss creating one large unit, from two small units, in Wellington Road, Marton. Request for Proposal (RFP) for insulation at Matua Flats, Taihape, closed on 31 March (along with RFP for renovation of one flat that has become vacant at Matua Flats). An initial priority project was to investigate improving heating and insulation for Matua Flats, but in the context that consideration be given to the long term viability of these flats. That is a longer term approach was to consider constructing a new complex in a more accessible location.	Expressions of interest for management/ownership of community housing closed on Monday 23 November. Awaiting final confirmation of process and timeframe from the three submitters as to becoming a social housing provider. Cost of insulation for 9 x Matua Flats is approx \$78,000; This cost does not make this a viable option.		
Property	Design/ Scoping	Tender/Contract docs	Under construction	Complete
Complete painting of Bulls Gaol				Painting of Gaol complete
Other major programmes of work carried out during 2015/16				
Projects	Design/ Scoping	Tender/Contract docs	Under construction	Complete

# Attachment 3



## Infrastructure Shared Services

# Funding Approval Request

**File Ref** C1014 Okirae Road RP1709 Drainage Improvements & Armouring  
**To** John Jones  
**From** Jim Mestyanek  
**Date** 22 March 2016  
**Subject** Emergency Works Reinstatement

### 1 Description of Works

The heavy rainfall event of June 2015 caused extensive damage to the section of road at Okirae Road Route Position 1709m. At this location, the road runs immediately alongside the Whangaehu River and constitutes a low point between higher adjoining sections of carriageway. At this low point in the road, a waterdrive culvert carries flows from a tributary stream into the river. This culvert lies at a level 10m below the road surface. During the storm, the inlet to the waterdrive culvert became blocked with tree debris and slip material, and the stream threatened to overtop the road. Simultaneously, the river level rose to approximately road height. As the river level receded, it eroded most of the road formation, leaving a very narrow and fragile section of carriageway. The damaged section of road is the only access for 14 rural properties, which include orchards, stock finishing, and forestry.

Opus carried out site assessment and detailed design of the repair treatment. It consists of: (1) construction of an alternative flow path for the tributary via a new high level road culvert 600 dia and (2) construction of an 11m high by 11m long Mechanically Stabilised Earth Wall (MSE) on the river bank extending from just below the river bed up to the road shoulder. This MSE wall will be reinforced at its toe by rock armouring. Other surface water drainage features will be constructed and enhanced to form a robust and durable road formation which provides secure and resilient road access even during future storm events and high river levels.

### 2 Procurement

The Engineer's Estimate for the works was \$245,752, which included a \$20,000 contingency sum. For this value, Council's Procurement Policy allows a closed competitive process involving a minimum of three known suppliers. We invited the following five suppliers: Higgins, Fulton Hogan, Stringfellow, Loaders, and Bullocks via a Lowest Price Conforming tender.

### 3 Evaluation

One tender was submitted, by Loaders Civil Construction Ltd of Wanganui.

	Engineer's Estimate	Supplier's Price	Supplier Price/ Engr Est
<b>Total</b>	<b>\$245,752.00</b>	<b>\$290,028.55</b>	<b>118%</b>
NZTA Share 84%		\$243,623.98	
Local Share 16%		\$46,404.57	

The Supplier's price is approximately 18% over the Engineer's Estimate.

This unexpectedly high price is most probably due to the following factors:

- Demands on local contractors to respond to extensive storm damage from South Tararangi through Wanganui, Rangitikei, and Manawatu Districts.
- Remote rural location.

**Option A:** Decline the existing tender and re-advertise an open tender in an attempt to attract suppliers from other districts who are not currently engaged in the local storm recovery efforts. This option would most likely require a postponement of the physical works until next summer. The road is currently open, but the formation is not suitably robust for the long term. It may fail if another heavy rainfall event occurs this winter. However, over the intervening winter season, we can mitigate this risk by requiring the Maintenance Contractor to give the culvert inlet regular, focused attention.

**Option B:** Accept the quoted price and aim to complete the repair works before 30 June.

#### 4 Funding

This work qualifies for Emergency Works subsidy from NZTA. The costs will be coded to the following GL code.

Council	Job Code	Description
RDC	7010063302	Emergency Works June 2015

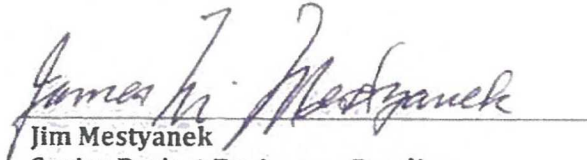
However, since the quotation exceeds \$250,000, financial approval must be sought through a full Council meeting. The next meeting is scheduled for 31 March.

#### 5 Recommendation

For the sake of the property owners further into the road, we recommend Option B... ie that Council engages Loaders Civil Construction Ltd to carry out the above repairs for a total value of *Two Hundred and Ninety Thousand, Twenty-Eight Dollars and Fifty-Five Cents plus GST (\$290,028.55 plus GST)*.

If approved, the work will begin 19 April 2016 and be completed by end of May.



  
**Jim Mestyaneck**  
Senior Project Engineer – Roading  
MDC RDC Infrastructure Shared Services

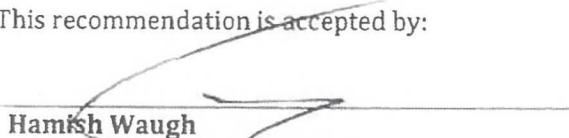
23/03/2016  
Date

This recommendation is accepted by:

  
**John Jones**  
Roading Assets Team Manager  
MDC RDC Infrastructure Shared Services

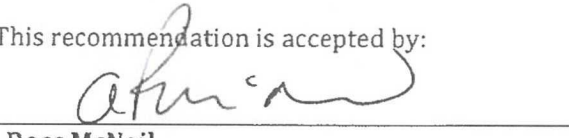
23-3-16  
Date

This recommendation is accepted by:

  
**Hamish Waugh**  
Infrastructure Group Manager  
MDC RDC Infrastructure Shared Services

31/3/16  
Date

This recommendation is accepted by:

  
**Ross McNeil**  
Chief Executive  
Rangitikei District Council

1/4/16  
Date

J:\Asset\Contract\RDC Contracts\C1014 Okirae Road RP1709 Drainage Improvements & Armouring\3 Tender of Works\1014 Okirae Rd Funding Approval Request.docx

Note: Council authorisation is required but not achievable if proposed timeframes to be met. Refer to Assets/Infrastructure meeting on 14 April for direction, ~~with~~ to proceed as recommended, with ratification by Council at 28 April meeting.

  
Ross

# Attachment 4

# REPORT

SUBJECT: Turakina Valley Road (3) RP 9500 – 9720 (Majuba Bluff)

TO: Assets/Infrastructure Committee

FROM: Allen Geerkens, Project Engineer – Roading

DATE: 4 April 2016

FILE 6-RT-5-18

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## 1 Introduction

- 1.1 The 120 metre-long section of Turakina Valley Road 3 known as Majuba Bluff is narrow and lacks sight distance safety features. The storm event of 20 June 2015 caused a dropout 20 metres long adding to the deterioration in width over this road section. An aerial of the area is attached as Appendix 1.
- 1.2 While Council does not have details about the intended logging of forest in this area, there is evidence that it is imminent: access tracks are being established off the end of James Road, the age of the forest is around 25 years, and a forest block has been for sale. If logging prices hold, this implies that logging could start in approximately five years and would continue for up to six years.
- 1.3 The road section at Majuba in its current state is unsafe for any increase in traffic. The projected logging is estimated to increase the average vehicle daily count (84) by 25%, primarily from 44 tonne truck and trailer units.

## 2 The treatment options

- 2.1 There are two options for this site:
  - a) Repair the dropout with a retaining wall. This option does not address the lack of width. A clear Give Way one lane system with signs and road marking will keep vehicles away from the edge which has a 50 metre drop into the river bed and reduce the likelihood of crashes from vehicles passing too close to one another.
  - b) Retreat and widen into the hillside and install guardrail to improve the level of the site. The seal will be widened from 4.7 metres at the narrowest to 6.0 metres.

Both options have a similar whole of life cost. This is because any retaining wall in this area is likely to fail because of the steepness of slope and proximity of the river.

- 2.2 Widening the road into the hillside and improving the road width (option b) is the preferred option as it addresses the safety issues and provides a standard of road

that is in-line with the expect future use by forestry traffic. This is the site earmarked to provide fill for the significant dropout repair at the Drysdale Woolshed.

### **3 Programme**

- 3.1 It is proposed to complete the design, documentation, landowner consultation and consent application this financial year (i.e. by 30 June 2016). A resource consent is required from Horizons<sup>1</sup> as the earthworks volume is in the order of 9,000m<sup>3</sup> which exceeds Horizons' discretionary limit of 2,500m<sup>3</sup>.<sup>2</sup> The work should be carried out during the settled weather of summer, which means that construction would occur during 2016/17.
- 3.2 A newsletter to residents would be sent explaining the process and that planning is underway, travelling through the sites at Majuba and Drysdale will need to be done with care during the coming winter, and construction scheduled for the summer of 2016/17.
- 3.3 Currently contractors have a full workload and tender prices in the greater region are increasing. Programming the work for next year provides the opportunity for competitive pricing.
- 3.4 Programming the work for next year requires maintaining the road at the dropout site at Drysdale and Majuba in a safe condition through another winter. While this is not ideal, it is the only practical option given the scale of repair work completed in the District this summer.

### **4 Funding**

- 4.1 Funding for option (a) would be largely from the emergency works budget. Funding for option (b) would be obtained from (predominantly) minor improvement works and emergency works budgets. This split is necessary because emergency work funding may not be used to upgrade a site even if the improvements lessen the likelihood of future damage.
- 4.2 The Emergency Works programme has an allocation for this work, based on the cost of option (a). However, the Minor Improvements programme will need to be re-prioritised to remain within the budget allocation. The base FAR applies to the Major Improvement portion.

Turakina Valley – Emergency Works at the dropout site   \$ 98,000 (FAR – 100%)

Turakina Valley – Emergency Works:- fill for Drysdale   \$ 10,000 (FAR – 100%)

Minor Improvement portion of Majuba Bluff                       \$300,000 (FAR – 63%)

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<sup>1</sup> The operative Rangitikei District Plan does not impose additional requirements.

<sup>2</sup> One Plan: Rule 14.21 Discharges of cleanfill material.

**Project Total****\$408,000**

The project total includes a contingency of 20%

- 4.3 Funding has been discussed with NZTA and complies with their rules.
- 4.4 The Minor Improvement Projects which would be probably be deferred as a result of proceeding with option (b) at Majuba are: Parewanui Road seal widening, Pungatawa Road curve improvements, and small bridge guardrail installations.

**5 The way forward****5.1 The way forward is to:**

- Adopt the preferred option, retreating away from the problem areas;
- Complete planning and design process;
- Issue a newsletter to the residents of the Turakina Valley explaining the programme;
- Commit the funding to the Works Programme for 2016/17 and confirm the review of the Minor Improvements programme.

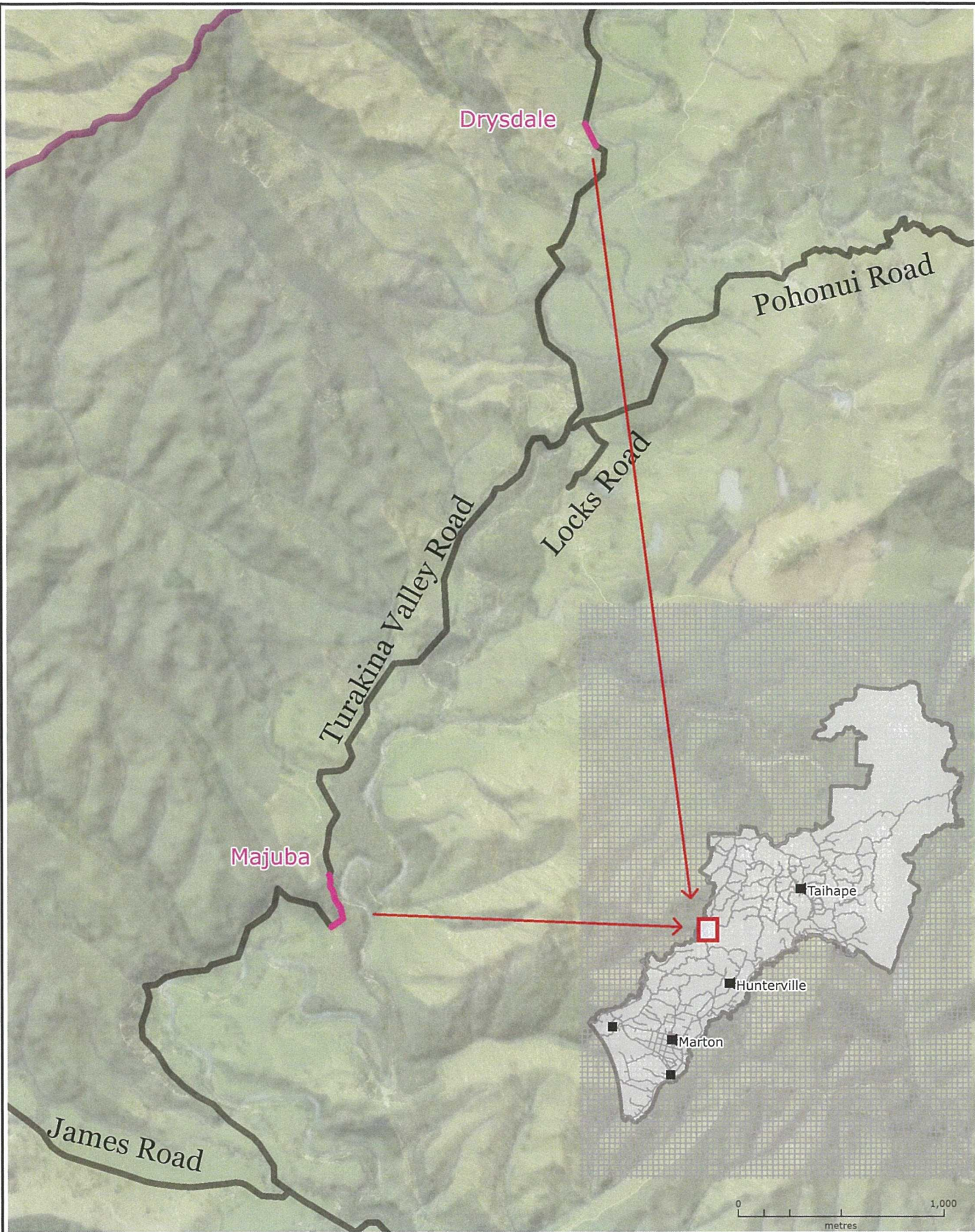
**6 Recommendation**

- 6.1 That the report 'Turakina Valley Road (3) RP 9500 – 9720 (Majuba Bluff)' be received.
- 6.2 That option (b) for repairing and upgrading the Majuba Bluff section on the Turakina Valley Road is adopted, included in the roading programme for construction during 2016/17, and funded \$108,000 from emergency works and \$300,000 from minor improvements, subject to confirmation when a recommendation is made over the award of the contract.

Allen Geerkens  
Project Engineer – Roothing

# *Appendix 1*





**Rangitikei**  
UNAPOLOY...

Rangitikei District Council

## Proposed road works Turakina Valley Road

**SCALE**

**1 : 25,000**



©2016 RANGITIKEI DISTRICT COUNCIL  
Digital data derived from  
Rangitikei District Council Aerial Imagery (2011)  
Land Information New Zealand  
Core Record System (CRS)  
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# Attachment 5



# Memorandum

**To:** Assets/Infrastructure Committee

**From:** Reuben Pokiha, Roothing Operations Manager

**Date:** 7 April 2016

**Subject:** Priorities for additional roading projects for 2015/16

**File:** 6-RT-5-23

---

## 1 Background

- 1.1 At its last meeting, the Committee considered six additional roading projects to be funded from the cost-savings from the road maintenance contract entered into with Higgins earlier this year. The Committee requested that further work be done to prioritise these projects and that the outcome be provided to a future meeting of the Committee. Given that there is less than three months remaining this financial year, it is desirable to reach a decision soon so that any budget carryovers can be formalised.
- 1.2 The extent of savings is \$171,000 without taking account of the FAR.

## 2 Comment

- 2.1 An analysis of the projects, including the Roothing team's view of priorities is attached as Appendix 1. This shows the net cost – i.e. when payment by the New Zealand Transport Agency of the Funding Assistance Rate (FAR), if applicable, is taken into account. The three top priorities, which would largely exhaust the available funds, are the new footpaths in Ratana and Bulls requested during the Long Term Plan consultation process and the seal extension along Turakina Valley Road. However, this last project would best be programmed undertaken until 2016/17, to avoid the risks associated with colder, wetter days in autumn and winter. That means the estimated net sum will need to be carried forward to 2016/17.
- 2.2 \$22,000 is estimated as uncommitted after funding these three projects. This could be transferred into the flood damage reserve rather than simply being left in the roading rate account. The amount transferred could be increased if some or all of these projects were not proceeded with. As noted in the Consultation Document for the 2016/17 Annual Plan, the estimated amount in that reserve on 30 June 2016 will be \$1.030 million – smaller than the \$1.2 million at the start of the financial year, despite the transfer into the reserve of \$550,000 into the reserve during the year as envisaged in the 2015/25 Long Term Plan.

### **3 Recommendations**

- 3.1 That the memorandum 'Priorities for additional roading projects for 2015/16' be received.

EITHER

- 3.2 That the savings from the new road maintenance contract be applied to the proposed new footpaths in Bulls (136 to 160 High Street) and Ratana (Te Taitokerau Street) and the sealing of 3 km along the Turakina Valley Road; that \$67,000 be carried forward to 2016/17 to fund the local share of this project during the summer 2016/17; and that \$22,000 be transferred to the flood damage roading reserve.

OR

- 3.3 That the savings from the new road maintenance contract be applied to the proposed new footpaths in Bulls (136-160 High Street) and Ratana (Te Taitokerau Street); and that \$89,000 be transferred into the flood damage roading reserve.

OR

- 3.4 That the full extent of the savings from the road maintenance contract (\$171,000) be transferred into the flood damage roading reserve.

Reuben Pokiha  
Roading Operations Manager

# *Appendix 1*

## Additional roading proposals for 2015/16

Project description	Comment	Likely net cost	Priority
Bulls - new concrete footpaths from units 1-6, 136 High Street – 160 High Street. 16 driveways	Important in improving accessibility for town residents. Not eligible for FAR.	\$40,000	3
Ratana - Te Taitokerau Street - 120 metres, 10 driveways	Important for improving accessibility for residents and safety for children. Seamer Street was included in the request made during the LTP process but is unsuitable as buses regularly park on the berm. Not eligible for FAR.	\$42,000	2
Taihapa (walkway along State Highway 1 from Dixon Way)	A well-used but dangerous pedestrian route, for which there is no viable alternative. Not eligible for FAR. Under discussion with NZTA - both in terms of the practicalities of establishing a safe route and whether it qualifies for the safety programme funding	Not known	xx
Marton - Repairing broken kerb and footpath on Upper Broadway from the Z service station/Wards to roundabout	Important for both safety and conveying connection to the main Broadway block. Preferable to delay until the Utilities team has completed upgrade of services in this area to avoid repair later on. Not eligible for FAR.	\$280,000	4
3 km of unsealed sections of Turakina Valley Road	Significant connector road in the District, now mostly sealed. Feasibility study still to be done: probable eligibility for FAR. Work would need to be done in summer 2016/17.	\$67,000	1

Project description	Comment	Likely net cost	Priority
Parewanui Road upgrade to address significant truck movements (both forestry and dairy)	The main issue is the width of the pavement rather than the maintenance of the pavement. The normal process is to monitor the condition of roads where logging is taking place and carry out maintenance where needed. Some work programmed in 2016/17 will be deferred to allow the Majuba Bluff (Turakina Valley Road) reconstruction to be done. No feasibility study has yet been undertaken: uncertain eligibility for FAR.	Not known	5

# Attachment 6



# REPORT

SUBJECT:           **Consent Compliance – March 2016**

TO:                 Assets/Infrastructure Committee

FROM:             Joanna Saywell - Utilities Asset Manager

DATE:             1 April 2016

FILE:              5-EX-3

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## **1       Introduction**

- 1.1     This report is a summary of Rangitikei District Council's compliance with resource consent conditions from Horizons Regional Council, for the period indicated above. Information on compliance has been derived from our Water Outlook system plus communications with Tracey Evans (nee Kirwan) (water supply) and Robert Rose (wastewater), compliance monitoring officers at Horizons, as well as formal reports from them.
- 1.2     Water Outlook became live on 1st July 2015, and reports that have already been set up are providing good visibility about compliance with consents for water abstraction in particular. Horizons now receives live data.
- 1.3     Note that recent compliance reports have been forwarded to Greg Bevin, Horizons Regulatory Manager, to provide an update on progress towards full compliance.

## **2       Water Supply**

- 2.1     The following table 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	Comments	Actions
Marton	Compliant for water abstraction volumes.  Non-compliant for WTP discharge consent.	The volume of the combined filter backwash & alum sludge discharge to the settling ponds exceeded consent limits in March.	The consent to discharge from the WTP expires in November 2016. A consultant has been engaged to complete a long term residuals management strategy to support the consent renewal. RDC have advised Horizons (16 March) of the proposed approach to the consent renewal. Horizons have yet to provide feedback.  The Calico Line Bore consent renewal process has been restarted to preserve existing use rights whilst decisions on rural water supplies near Marton are pending. Horizons have advised a draft consent will be available in April.
Taihape	Compliant		Horizons have accepted proposal to discharge excess water take back to Hautapu River. This currently bypasses 17-18l/s back into the river when required so that flow extraction limits are not exceeded.
Bulls	Compliant		New metering has been installed. Water Outlook has been updated so the flow meter data is available to Horizons.
Mangaweka	Non-Compliant	A 16% exceedance of daily volume limit was recorded on 5 March. Further leaks have been noted on private property and landowners are being required to fix them.	Significant improvement in compliance compared to February as a result of the leak repairs undertaken in February.

Scheme	Compliance	Comments	Actions
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.
Erewhon Rural	Compliant	One outstanding weir gauging needed in summer when water levels drops further.	Taihapa Plumbing has been engaged to carry out the final weir gauging and will do so once the river is at the specified level (so far this summer the levels have been too high for this final gauging so it may not be possible this summer).
Hunterville Rural	Non-Compliant	Flow recording stopped on 17 March. Up until this date compliance was being achieved with daily volume limits.	SCADA upgrade is underway. Water Outlook reporting will be updated once this is complete.
Omatane Rural	Compliant		

### 3 Wastewater

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

Table 2: Consent Compliance - Wastewater

Scheme	Compliance	Comments	Actions
Marion	Compliant	Plant currently meeting compliance but this may change as winter approaches.	Advisory Group formed and first meeting held in December. Second meeting was programmed in February but key members were unable to attend. Next meeting to be held this month on 21 April.  Onus placed on Bonny Glen to clean up leachate within specified timeframe (still end of June 2016).

Scheme	Compliance	Comments	Actions
Taihape	Non-compliant	Non-compliant for flow in March when low flow trigger limit in the Hautapu River has applied due to issues with Inflow & Infiltration (I and I). New lamella clarifier currently being fabricated.	<p>A letter was sent to Horizons Regulatory Manager in March setting out RDC's proposed approach to address non-compliance. A follow up meeting is in the process of being arranged for Horizons to provide feedback.</p> <p>Upgrade works and programme for I and I reduction has started. The first 1,000m of sewers have been identified for lining. Approximately 300m of pipe has been lined with another 300m to be re-laid.</p>
Bulls	Consent expired	<p>Consent application has been lodged with Horizons.</p> <p>Detailed analysis supplied to Horizons on current and predicted peak flows as part of further information request.</p>	<p>Awaiting response from Horizons on consent.</p> <p>Sludge to be removed in April.</p>
Mangaweka	Compliant		Manual samples are being taken until automatic sampler (which failed) has been repaired.

Scheme	Compliance	Comments	Actions
Hunternville	Non-compliant	<p>Non-compliant for flow gauging.</p> <p>No flow from plant for the majority of February. Daily lows from the plant exceeded consent limit on 7 days in March</p> <p>Ponds in need of sludge removal.</p> <p>Clarifier working (in high flows) but still needs to be optimised.</p>	<p>A letter was sent to Horizons Regulatory Manager in March setting out RDC's proposed approach to address non-compliance. A follow up meeting is in the process of being arranged for Horizons to provide feedback.</p> <p>I&amp;I work is underway to reduce flows to WWTP. These include approximately 600m of old pipe that has been lined this year.</p> <p>Ponds to be de-sludged in April. (Work brought forward from next year's programme). Until this happens there is no available buffer for storage in the ponds.</p> <p>Lamella clarifier installed and good results obtained to date. Clarifier to be fully optimised once there is sufficient consistent flow.</p>
Ratana	Compliant	<p>Another meeting planned with Horizons on site to discuss issues with the water quality at the outfall to the lake in summer months.</p> <p>Extra aeration required.</p>	<p>WWTP will be upgraded to improve effluent quality and cater for growth based on previous report by Opus.</p> <p>Extra aeration being designed.</p>

Scheme	Compliance	Comments	Actions
Koitiata	Non-compliant	No irrigation field in place. Inflow meter installed. Estimate for work to address effluent disposal issues is \$250,000.	Koitiata Wastewater Reference Group has been formed and meetings held with ultimate aim of deciding on a sustainable wastewater solution for the community. Few issues raised by residents with respect tot their septic tank systems. First suite of shallow bore water test results obtained. Second set of testing scheduled for winter.

#### 4 Recommendation

4.1 That the report 'Consent compliance –March 2016 be received.

Joanna Saywell  
Utilities Asset Manager



# Attachment 7



**Rangitikei**  
UNUSPILT...

# REPORT

SUBJECT: **Marton Wastewater Treatment Plant as at 1 April 2016**

TO: Assets/Infrastructure Committee

FROM: Joanna Saywell, Utility Asset Manager

DATE: 1 April 2016

FILE: 6-WW-1-4

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## **1 Executive Summary**

### **1.1 Purpose of the report**

The purpose of this report is to update Council on progress on the work that is planned to address compliance issues at Marton wastewater treatment plant (WWTP), including the effect of the Bonny Glen landfill leachate on the Plant.

## **2 Current Status**

### **2.1 Bonny Glen – Progress with Pre-treatment**

Bonny Glen won't have removal of ammoniacal nitrogen in place any time soon, but still hope to have processes in place to remove the majority of the suspended solids and colour, with some removal of COD and BOD by mid-April 2016. Refer to letter received from Mid-west Disposals Ltd (MWD) date 21 March 2016 attached.

Bonny Glen operators now appreciate the necessity to limit the volume of their daily discharges to the WWTP to reduce the shock loadings on the plant as much as possible. This worked successfully in January and February but they have had to increase discharges in March.

Mid-West Disposals propose to use Molecular Separation Technology to treat the Bonny Glen leachate to a standard that would not only meet Rangitikei District Council trade waste standards but may also be of sufficiently good a standard to be disposed of on site to irrigation or stormwater ponds, removing the need for any further treatment at Marton.

Tests are currently underway (by MWD) to determine the levels of COD and BOD in the leachate under different weather conditions. This will enable the final design of the treatment process to be completed and the system manufactured. At the present time, MWD do not think that they will have this system up and running until July 2017.

Mid-west Disposals are aware that RDC have a policy where they will not accept completely untreated leachate after July 2016.

### **3 Advisory Group**

#### **3.1 Community Engagement and Advisory Group**

The first meeting of the Advisory Group was held at the end of last year. The main issues that were discussed included consent compliance and possible work needed to meet this compliance.

Since the current consent is due for renewal in 2018 the group discussed the option of deferring most of the improvements until after consent is granted. If possible the group were considering the option of applying for the new consent ahead of schedule to help guide the improvement decisions.

The next meeting of the Advisory Group is scheduled for 21 April 2016.

### **4 Current Proposed Programme**

<b>Proposed works</b>	<b>Responsibility (Cost)</b>	<b>Budget</b>	<b>Current Indicative Completion date</b>
<b>Work at Bonny Glen Landfill</b>			
Pre-treatment to remove colour and suspended solids	Midwest Disposals	N/A	June 2016
Pre-treatment to reduce nitrogen to Trade Waste limits	Midwest Disposals	N/A	MWD are now suggesting July 2017

<b>Work at Marton WWTP</b>			
Tanker disposal and turning facility	RDC	\$160,000	July 2016
Installation of onsite tanks for septic waste (Midwest Disposals to pay for additional storage tanks for leachate)	RDC	\$60,000	June 2016
Inlet works	RDC	\$100,000	June 2016
Improved aeration	RDC	\$100,000	October 2016
De-sludging of the existing anaerobic pond	RDC	\$300,000	Preferably after all landfill treatment in place
Up-grade existing or addition of another anaerobic pond <ul style="list-style-type: none"> <li>- Design</li> <li>- Specification, contract</li> <li>- Construction</li> </ul>	RDC	\$1,000,000	Subject to advice from Advisory Group but after successful pre-treatment of Bonny Glen leachate (or its removal) and after application for consent renewal. Final works subject to new consent application
Flow monitoring and control systems	RDC	\$150,000	
Final filtration systems	RDC	\$1,500,000	
Application for a new consent lodged	RDC	\$200,000	November 2017
Consent hearing etc.	RDC	\$300,000	September 2018

## 5 Recommendations

- 5.1 That the report 'Marton Wastewater Treatment Plant as at 1 April 2016' be received.

Joanna Saywell  
Utilities Asset Manager

# *Appendix 1*



**MIDWEST DISPOSALS LTD.**

**PO Box 5021**

**Palmerston North**

**Bonny Glen Landfill (06) 327 5620**

21 March 2016

Rangitikei District Council  
Attention Joanna Seywell

Dear Joanna,

## **LEACHATE DISPOSAL & TREATMENT UPDATE**

Further to our phone conversation I'd like to follow up with a brief explanation of where we are at with the leachate issue.

### Tankering to Marton STP Reduced

After being advised that it is the summer months when the STP is mostly non-compliant with its discharge, we have made a conscious effort to reduce the leachate volumes being tankered to the STP. Over the past three months we have reduced our discharge by 70% to only 700m<sup>3</sup> by using our storage ponds to buffer the flow. Our higher flows generated by the landfill are over the wetter winter months. It was pleasing to hear that the reduced flows had been noticed and that they have had a positive effect with the plant operation.

### Capping on Landfill

A significant area of the landfill has had an increased thickness of clay capping applied which will reduce fugitive gas emission and reduce rainfall infiltration. Leachate is derived from two main sources. Firstly from the release of water from wastes as they decompose, and secondly from rainwater which infiltrates through the landfill cap (which percolates down through the refuse), or directly onto and through the waste at the active working face. With the recent Landfill Extension came a design change which has increased the final cap thickness. Restricting the active working face where refuse is placed and compacted also minimises leachate generation and has been a significant focus of the operators.

### Long-term Leachate Treatment Options

Midwest are continuing to pursue the opportunity to install a Molecular Separation Technology treatment plant on site through SPARCL and the Finnish designers. To lock down the design and cost of the plant further, on-site testing is being undertaken. COD is the critical factor in the design, and although we have quarterly data dating back before 2000, this 'in pond' data is not representative of what comes out of the landfill directly on a day to day basis, hence further testing is required. With the requirement to go to tank storage for leachate this will change the profile due to the lack of direct rainfall dilution into the ponds.

Three times per week sampling has been undertaken since January, together with daily leachate flow recording and rainfall. Data from 3 reasonable rainfall events is necessary to build a solid profile, and the dry summer has not yet provided this outcome yet.

It is hoped that the design can be finalised, a favourable proposal agreement reached by the end of June which should enable the new treatment plant to be operational on site by July 2017. We understand that this plant would remove all contaminants to the point where we believe it would be possible to apply for a discharge consent to discharge



through our stormwater system or use beneficially for dust suppression, irrigation or cowshed wash-down. Should this molecular separation system not be suitable for our intended use, then more conventional treatment would require a longer time frame for design and implementation.

#### Immediate Leachate Treatment

Construction is underway for the interim treatment of the leachate with a coagulant and flocculant to remove the suspended solids, some of the BOD & COD, and most of the colour. A polymer dosing system, contact chamber and lined Geobag drainage bunker is being constructed. It is expected that this will be operational by mid-April.

As discussed I would be happy to attend any Council or Committee meetings in relation to this issue. We are taking this issue very seriously since it was brought to our attention through the consenting process for the landfill extension.

Yours faithfully,

A handwritten signature in black ink, appearing to read 'Paul Mullinger', with a stylized, looping flourish at the end.

Paul Mullinger  
General Manager  
Midwest Disposals

# Attachment 8



# REPORT

SUBJECT: Marton Water Treatment Plant Upgrade - Final Actual Costs

TO: Asset/Infrastructure Committee

DATE: 6 April 2016

FILE: 6-WS-3-6

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## 1 Executive Summary

- 1.1 Marton Water Treatment Plant (WTP) was built in 1920s. It received up-grades in the 1950s and 1990s but the building and water reservoir remained as constructed in 1920.
- 1.2 Various reports in 2007 and 2009 made recommendations regarding water treatment process upgrades and water storage requirements to ensure compliance with New Zealand Drinking Water Standards and firefighting capability in Marton. As a result of these studies and various Council meetings the following budgets were set in September 2011:
- Marton continued water impound management control @ \$748,710
  - Development of the Tutaenui production bore and supply lines to the WTP @ \$1,003,050 exclusive of the initial \$200,000 consent and investigation costs. (Note that at this time the bore had just been installed with costs to the end of September 2011 of \$1,218,320.)
  - Proceed with calling 'Design and Build' tenders for construction of a 6ML treated water storage reservoir @ \$2,328,750 (civil construction only)
  - Electrical, control and process upgrades @ \$1,194,750
  - A new enclosed treatment plant building @ \$992,250
  - Contingency of \$1,500,000 on overall budget
  - Total Budget \$7,767,510
- 1.3 The electrical control systems have now been re-installed in the new building; this has enabled improvements to the process control equipment to be made at the same time ahead of programme. The original budgets did not include provision for these upgrades.

Item	September 2011 overall Budget (\$k)	Costs to July 2014 (\$k)	Estimated Costs to complete 2014/16 <sup>1</sup> (\$k)	Estimated Total Costs (\$k)	Actual Total Costs (\$k)
<i>Improvements to Dams</i>	749				
Major vegetation clearance, pipe renewals and access tracks		675	0	675	675
New Bore	1003	1127	70	1197	1210
<i>Water Storage</i>	2329			1681	1681
Main reservoir shell		1581	0		
Associated pipework and control equipment		100	0		
<i>Electrical and Process</i>				2108	1958
Replacement of wiring	1195	1250			
Temporary duplication of equipment (process equipment capital works)		530	128		
(2013-14 carry-over)			40		
(2014-15 Budgeted renewals)	160		160		
<i>Up-grade of building</i>	992			1052	1109
Building shell		775			
Survey costs, paving, landscaping and fit-out (room linings and electrical works)		185	92		
Contingency	1500	0	0	0	0
<b>Total</b>	<b>7928</b>	<b>6223</b>	<b>490</b>	<b>6713</b>	<b>6633</b>

<sup>1</sup> Refer to Marton Water Treatments Plant Upgrade – Progress Report and Final Estimated Costs, 20 April 2015

## **2 Conclusions**

- 2.1 The above projects have taken longer to complete than initially envisaged due to the requirement to keep the plant operating at full capacity throughout the construction period.
- 2.2 However, the overall project has been completed well within the original budget and additional scheduled process renewals have been possible while the electrical contractors are on site. This has meant that there are anticipated savings on the Long Term Plan budgets for Marton Water Treatment Plant renewals in years 2 and 3. These savings have already been indicated in the Annual Plan budgets for next year.

## **3 Recommendation**

- 3.1 That the report 'Marton Water Treatment Plant Upgrade - Final Actual Costs' be received.

**Joanna Saywell**  
**Utility Asset Manager**