



Rangitikei District Council

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Rangitikei
UNSPOILT...

Assets/Infrastructure Committee Meeting

Order Paper

Thursday, 11 June 2015, 9.30 am

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

Website: www.rangitikei.govt.nz

Email: info@rangitikei.govt.nz

Chair
Cr Dean McManaway

Deputy Chair
Cr 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)

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 11 June 2015 – 9:30 a.m.

Contents

1	Welcome.....	2	
2	Council prayer.....	2	
3	Apologies/Leave of absence	2	
4	Confirmation of order of business.....	2	
5	Confirmation of minutes.....	2	Attachment 1, pages 6-11
6	Chair's report	2	<i>To be tabled</i>
7	Activity management templates.....	2	Attachment 2, pages 12-32
8	Tutaenui Rural Water Supply Scheme - Potential.....	3	Attachment 3, pages 33-43
9	Effects on the roading network from the Bonny Glen landfill.....	3	Attachment 4, pages 44-47
10	Renewal of the Marton Wastewater Treatment Plant.....	3	<i>Agenda note</i>
11	Investigation into water supply for Dixon Way, Taihape.....	3	<i>Agenda note</i>
12	Progress with resolving uncertainty over responsibility for Council's stormwater drainage network in urban areas.....	4	<i>Verbal</i>
13	Arrangements for managing the Taihape Pool in 2015/16	4	<i>Agenda note</i>
14	Consent compliance – Jul 2014 to May 2015	4	Attachment 5, pages 48-52
15	Late items	4	
16	Future items for the agenda	4	
17	Next meeting	4	
18	Meeting closed	4	

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.' These Standing Orders were confirmed for the 2013-16 triennium by Council on 31 October 2013.

1 Welcome

2 Council prayer

3 Apologies/Leave of absence

4 Confirmation of order of business

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

5 Confirmation of minutes

Recommendation

That the Minutes of the Assets/Infrastructure Committee meeting held on 14 May 2015 be taken as read and verified as an accurate and correct record of the meeting.

6 Chair's report

A report will be tabled at the meeting.

File ref: 1-CT-13-1

Recommendation

That the Chair's report to the Assets/Infrastructure Committee meeting on 11 June 2015 be received.

7 Activity management templates

The non-financial reporting templates for May 2015, covering the following groups of activities are attached:

- Roding & Footpaths
- Water Supply
- Sewerage & the Treatment and Disposal of Sewage
- Stormwater Drainage
- Community & Leisure Assets
- Rubbish & Recycling

File ref: 5-EX-4

Recommendation

That the non-financial reporting templates for Asset based groups of activities for May 2015 be received.

8 Tutaenui Rural Water Supply Scheme - Potential

A report is attached.

File ref: 6-WS-3-11

Recommendations

- 1 That the report "Tutaenui Rural Water Supply Scheme – Potential" to the Assets/Infrastructure Committee meeting on 11 June 2015 be received.
- 2 That the amount of water that could be supplied from the existing Marton water supply be confirmed.
- 3 That there is further investigation into additional water supplies and the possibility of increasing the storage volume of the current dams.
- 4 That the areas able to be irrigated or supplied with stockwater be confirmed.
- 5 That the options for the size and location of a potential scheme be determined.
- 6 That the economic benefits and costs of a potential stock-watering scheme be identified.

9 Effects on the roading network from the Bonny Glen landfill

A memorandum is attached.

File ref: 2-LP-5-RM140009

Recommendation

That the memorandum 'Effects on the roading network from the Bonny Glen landfill' be received.

10 Renewal of the Marton Wastewater Treatment Plant

This is under discussion with Mid-West disposals and it will be a few months before there is an agreed solution for the leachate issues. There is other work on the plant which needs to be progressed: the timeframe for this may need to be extended depending on the outcome of discussions with Mid West.

11 Investigation into water supply for Dixon Way, Taihape

A report on the potential for water supply to Dixon Way, Taihape has been sent to out to consultants. They hope to issue a preliminary report on viable options in mid-June 2015.

A report will be made to the July 2015 meeting.

12 Progress with resolving uncertainty over responsibility for Council's stormwater drainage network in urban areas

A verbal update will be given at the meeting.

13 Arrangements for managing the Taihape Pool in 2015/16

The Chair of the Taihape Community Development Trust has advised the Chief Executive that the trustees support formalising an agreement which closely mirrors that used for the Marton Swim Centre. A formal exchange of letters and signing the agreement will follow.

An update will be provided to the meeting.

14 Consent compliance – Jul 2014 to May 2015

A report is attached.

File ref: 3-CT-13-4

Recommendation

That the report 'Consent Compliance – Jul 2014 to May 2015' to the Assets/Infrastructure Committee meeting on 11 June 2015 be received.

15 Late items

16 Future items for the agenda

17 Next meeting

Thursday 9 July 2015, 9.30 am

18 Meeting closed

Attachment 1

Rangitikei District Council

Assets and Infrastructure Committee Meeting

Minutes – Thursday 14 May 2015 – 3:45 p.m.

Contents

1	Welcome	3
2	Apologies/leave of absence	3
3	Confirmation of order of business	3
4	Confirmation of minutes	3
5	Chair's report	3
6	Activity management templates	3
7	Questions referred from other Committees	4
8	Marton Water Collection Dams – Maintenance	4
9	Resource Consent compliance	4
10	Late items	5
11	Future items for the agenda	5
12	Next meeting	5
13	Meeting closed – 4.54 pm	5

Present: His Worship the Mayor, Andy Watson
Cr Dean McManaway
Cr Cath Ash
Cr Richard Aslett
Cr Nigel Belsham
Cr Angus Gordon
Cr Tim Harris
Cr Mike Jones
Cr Rebecca McNeil
Cr Soraya Peke-Mason
Cr Ruth Rainey
Cr Lynne Sheridan

In attendance: Mr Michael Hodder, Acting Chief Executive
Mr Hamish Waugh, Infrastructure Group Manager
Ms Joanna Saywell, Asset Manager - Utilities
Mr Glenn Young, Project Manager – Utilities
Mr David Rei Miller, Asset Engineer – Utilities
Mr Andrew van Bussel, Operations Manager – Utilities
Ms Gaylene Prince, Community & Leisure Services Team Leader
Ms Carol Downs, Executive Officer
Ms Samantha Whitcombe, Governance Administrator

Tabled Documents: **Item 7** Questions referred from other Committees
Item 9 Resource Consent Compliance (colour photographs)

1 Welcome

The Chair welcomed everyone to the meeting.

2 Apologies/leave of absence

Nil

3 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.

4 Confirmation of minutes

Resolved minute number 15/AIN/028 **File Ref**

That the Minutes of the Assets/Infrastructure Committee meeting held on 9 April 2015 be taken as read and verified as an accurate and correct record of the meeting.

Cr Belsham / Cr Jones. Carried

5 Chair's report

There was no tabled Chair's report this month. The Chair gave a verbal update of happenings during the last month, focusing the Bonny Glen Landfill Opus reports and the Marton Wastewater Treatment Plant, and the need to keep the focus on this.

Resolved minute number 15/AIN/029 **File Ref** 1-CT-13-1

That the Chair's report to the Assets/Infrastructure Committee meeting on 14 May 2015 be received.

Cr McManaway / Cr Belsham. Carried

6 Activity management templates

Mr Waugh, Mr Young, Mr Miller and Ms Prince spoke to the non-financial reporting templates for asset based groups of activities for April 2015.

The Committee expressed disappointment that there had been no mention of Rangitikei District Council in media articles about the work on Wylies Bridge. Mr Waugh gave assurance they would be included in future articles and publications and would be included in the opening ceremony.

Resolved minute number **15/AIN/030** **File Ref** **5-EX-4**

That the non-financial reporting templates for Asset based groups of activities for April 2015 be received.

Cr Belsham / Cr Peke-Mason. Carried

Cr Sheridan left the meeting 4.15 pm
Cr Peke-Mason left Chambers 4.15 pm / 4.23 pm
Cr Rainey left the meeting 4.20 pm

7 Questions referred from other Committees

The Committee requested that any information on the Ratana Waste Transfer Station brought to this Committee, be included in the agenda of future meetings of the Ratana Community Board.

Resolved minute number **15/AIN/031** **File Ref** **3-CT-13-4**

That the memorandum 'Questions referred from other Committees' be received.

Cr Peke-Mason / His Worship the Mayor. Carried

8 Marton Water Collection Dams – Maintenance

Mr Waugh and Ms Saywell spoke to the report and tabled coloured photographs of the current state of the surrounds of the dams.

They informed the Committee that plant pests have been re-sprayed where regrowth was identified and that other plant species are starting to grow now that some of the plant pests have been removed.

Resolved minute number **15/AIN/032** **File Ref** **6-WS-3-6**

That the report 'Marton Water Collection Dams – Maintenance' be received.

Cr Jones / Cr Harris. Carried

9 Resource Consent compliance

Ms Saywell spoke briefly to the report.

Resolved minute number **15/AIN/033** **File Ref** **3-CT-13-4**

That the report 'Consent Compliance – Jul 2014 to Apr 2015' to the Assets/Infrastructure Committee meeting on 14 May 2015 be received.

Cr Jones / Cr Gordon. Carried

Cr Harris left Chambers 4.47pm / 4.49pm

10 Late items

Nil

11 Future items for the agenda

Nil

12 Next meeting

Thursday 11 June, 9.30 am

13 Meeting closed – 4.54 pm

Confirmed/Chair: _____

Date: _____

Attachment 2

ROADING AND FOOTPATHS GROUP OF ACTIVITIES 2014/15			May-15	
Performance measures in LTP/Annual Plan				
What are they:	Targets	Progress for this reporting period	Progress to date for this year	Work planned for next three months
Provide a safe roading network which allows people to travel from A to B, free of loose gravel or potholes and maintaining the level of sealed roads currently available.	Smooth travel exposure rating: target of 96.5%.	Monitoring of the Roding Network continues.	Smooth Travel Survey completed in June.	Continue to monitor the roading network to ensure the required standard is being maintained
The number of callouts to the contractor, both within working hours and after-hours, with the response and resolution times (with the percentage resolved within a specified time). Specific note made of: time to respond/resolve callouts relating to potholes; and (ii) incidents of crashes on Council's roading network and whether the road condition was a cause of each crash.	100% after-hours callouts responded to within 12 hours. 100% callouts during working hours, responded to within 6 hours (i) 80% of all callouts resolved (i.e. completed) within one month of the request. Specific reference to callouts relating to potholes. No fatal crashes attributable to the condition of the roading network.	For the month of May, 58 call outs recorded with 58 responded to on time (100%); Callouts after hours 16(100%) responded to on time. Potholes 2 (100% completed on time); Nil fatal crashes on the network.	Total callouts to date number = 404 (97% completed on time); Number of call outs after hours = 49 (98% completed on time); Number of potholes 29 (93% completed on time); One fatal crash.	Ensuring that the required response times are being achieved.
Increased asset length and footpath renewal programme: Adequacy of provision and maintenance of footpaths, street lighting and local roads (annual survey).	A greater proportion (than in the previous year) of the sample believe that Council’s service is getting better.	Not achieved: 15% believe the service is better than last year (cf 22% in 2012 and 16% in 2013).		Ensuring that the identification of future programmes is worked on with commitment.
New Mandatory Benchmark Measures				
What are they:	Targets	Progress for this reporting period	Progress to date for this year	Work planned for next three months
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.	Targets to be set as part of the 2015-25 LTP	Nothing to report.	Safety audit received from GHD with a number of recommendations - mostly upgrading of signage	Working to implement the recommendations of the saftey audit
Road Condition: The average quality of ride on a sealed local road network, measured by smooth travel exposure.	Targets to be set as part of the 2015-25 LTP	The smooth travel exposure survey has been completed.	The smooth travel exposure survey completed	Contractual requirement to continue to monitor the roading network to ensure compliance for roughness and mitigate as required.
Road Maintenance: The percentage of the sealed local network that is resurfaced.	Targets to be set as part of the 2015-25 LTP	Nil	Nil	An annual measurement.
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 territorial authority’s relevant document (such as its annual plan, activity management plan, asset management plan, annual works program or long term plan).	Targets to be set as part of the 2015-25 LTP	Nil	Nil	Continues to be monitored to ensure compliance
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.	Targets to be set as part of the 2015-25 LTP	Team continually striving to ensure that the response and closing off of the RFS is carried out as expeditiously as possible within the identified time frame.	There has been a steady improvement regards the actioning of the RFS's which shows the achievement for the month of February.	To continue to strive to achieve a 100% performance outcome for the period.

Requests for Service				
What are they:	Completed on time	Completed late	Overdue	Current
Culverts/Drainage				
Maintenance (culverts/drainage)	12	0	0	0
Road Signs				
Maintenance (road signs)	2	0	0	0
Roads				
Maintenance (roads - potholes only)	2	0	0	0
Maintenance (roads)	22	0	0	0
Roadside Vegetation/Trees				
Maintenance (roadside vegetation/trees)	4	0	0	
Footpaths				
Maintenance (footpaths)	5	0	0	
Street Lighting				
Maintenance (street lighting)	11	0	0	0
Other Levels of Service				
What are they:	Targets	Progress for this reporting period	Progress to date for this year	Work planned for next three months
Roads in towns to be attractive and well maintained allowing residents to access goods and services	A functional road network that provides access to residential, commercial and retail premises and some beautification of road reserves.	The contractual requirement is that this service is required to be continually monitored so as to ensure that the network continues to be well maintained.	Continual monitoring of the roads especially with in the Urban areas continues.	Monitoring of the asset continues.
Attractive and well designed urban street lighting that makes residents feel safe and secure when walking or driving	Maintenance of existing network. No upgrade or renewal.	On going monitoring to ensure that the performances measures as set in the LTP are maintained.	Ensuring that the required standard is maintained	On going monitoring to ensure compliance.

ROADING AND FOOTPATHS GROUP OF ACTIVITIES 2014/15			May-15	
Major programmes of work outlined in the LTP/Annual Plan				
What are they:	Targets	Progress for this reporting period	Progress to date for this year	Work planned for next three months
Roading activity	Capital Projects	Roading has no Capital projects to report on.	Nothing to report on	Nothing to report on.
	Resealing of specified portions of existing sealed roads (55km)	Nothing to report for this period as the resurfacing programme already completed	Reseal contract now 100% complete with 61.84kms achieved.	Resurfacing programme now completed. The programme for the 15/16 year well advanced in the planning stage with a large majority of the
	Rehabilitation of specified existing sealed roads (8.8 km)	The Makirikiri and Wellington Road AWPT sites have now been completed.	Bryces line, Union Line, Mangahoe, Kauangaroa plus Makirikiri and the Wellington AWPT sites now all complete.	Planning well advanced for the 15/16 rehabilitation sites.
	Variation from the LTP; Wylies Bridge replacement deferred to 2014/15.	Work on the site is progressing well. Attached are some photos of the current structure taken on May 2.	The contract awarded to Concrete Structures NZ Ltd for \$2,296,850.88. The cost share to RDC is \$765,617. Construction of the bridge progressing well.	To complete the construction of the bridge. The contract completion date is September. Currently the contractor is ahead of programme. An opening of the bridge is planned for Friday August 7
		The refurbishment of the Mangarere Bridge (south of Mangaweka) has been completed. The work was basically maintenance - number of concrete deck slabs replaced - wooden kerbing - sand blasting and painting of sections of the structure- cabling upgrade -	This is a structure on the boundary with MDC and thus maintained under a 50/50 cost share agreement. The contract price was 330k.	A succesful opening of the bridge took place on May 22nd.
Footpath and Streetlighting activity	Footpath and street lighting activity – specified capital programme.	The two footpath sites carried out under the Capital budget have now been completed.	The two footpath sites identified to be constructed under the Capital budget have been completed. They being Bridge Street Bulls (248m) and Paraekaretu Street Hunterville (29m)	Capital expenditure for the footpath contract now complete. Street light has been erected at the Intersection of Jeffersons and Leedstown Road to luminate the intersection.
	Footpath and street lighting activity – specified renewal programme.	Three sites completed during this period from the renewals budget.	Four sites under the renewal budget have been completed. Paraekaretu Street Hunterville	To complete the one remaining footpath renewal site on Main Street Marton. (229m)



PAVEMENT REHABILITATION 14/15				
PROJECT	ROUTE POSITION LENGTH	STATUS	START DATE	COMPLETION DATE
Mangahoe Road	2.00 – 3.97	Completed	March 14	July 14
Wellington Road	6.85 – 7.23 (380m)	Completed	April 15	June 15
Kauangaroa Road	5.08 – 6.30	Completed	Mid – May 14	August 14
Bryce's Line	0.02 – 2.34	Completed	August 14	November 14
Union Line	4.85 – 5.15	Completed	November 14	December 14
Makirikiri Road	13.90 – 14.62 (720m)	Completed	February 15	April 15
				Page 15

ROADING CAPEX REPORT as at 30 April 2015		
Capital	Budget	YTD
Sealed road surfacing	1,957,711	2,576,809
Drainage renewals	316,193	443,932
Pavement rehabilitation	2,923,515	1,773,958
Structures component replace	246,079	181,011
Traffic services renewals	110,000	105,587
Associated improvements	106,000	123,745
Unsealed road metalling	333,502	257,804
TOTAL	5,993,000	5,462,846

91% of the Budget spent.

WATER SUPPLY GROUP OF ACTIVITIES 2014/15			May-15	
Performance measures in LTP/Annual Plan				
What are they:	Targets	Progress for this reporting period	Progress to date for this year	Work planned for next three months
Provide a reliable, accessible and safe water supply to properties on the urban reticulation systems	No incidents of non-compliance with resource consents	Not achieved. Water Outlook reports identified exceedances at Mangaweka. Flow limiter needs repair. Consumption also being investigated at several locations in town. Marton non-compliant pending information to be provided to Horizons on inflows from the dam by 30 June 2015. All other schemes compliant.	Not achieved. Water Outlook reports identified exceedances at Mangaweka. Non-compliance for abstraction at Omatane 3-11 Dec 2014 due to leak which has now been repaired. Marton non-compliant pending information to be provided to Horizons on inflows from the dam by 30 June 2015. All other schemes compliant.	Continue implementation of Water Outlook to assist with compliance monitoring. Complete required flow meter verifications. Carry out work at Taihape to allow discharge of excess back to river. Have contractor repair flow limiter at Mangaweka. Continue investigations ino water use at Mangaweka. Extract data on dam inflows from Marton WTP and send to Horizons.
	No incidents of E-coli detection requiring information to be passed to Ministry of Health's Drinking Water Assessor.	Achieved.	Achieved. One incident of E. coli detection at Hunterville in March requiring notification, which turned out to be a "false positive". This was confirmed by three consecutive daily samples as per Drinking Water Standards requirements; samples were clear and chlorine tests passed.	Continue implementation of Water Outlook to assist with compliance monitoring.
	Operational compliance with legislation confirmed by Drinking-water Assessor grading in Ratana, Hunterville and Mangaweka water schemes (Marton, Taihape and Bulls continue to be assessed as compliant).	Achieved. Compliance with legislation measured by status of Water Safety Plans (WSPs). Revised Hunterville Urban WSP approved.	Achieved. Compliance with legislation measured by status of Water Safety Plans (WSPs). Revised Hunterville Urban WSP approved.	Update of Bulls Water Safety Plan to reflect WTP process changes by Opus consultants. Marton, Taihape and Bulls Water Safety Plans require final sign off from Drinking Water Assessor by 30 June 2015. Jim Graham of Opus has been engaged to finalise. Drafts completed for all three.
	0 unplanned water supply disruptions affecting multiple properties.	Achieved	Achieved	
Provide a reliable water pressure and flow, which complies with the NZ Fire Service Fire Fighting Water Supplies Code of Practice	100% of fire hydrant installations are in compliance.	Not achieved. 97% of hydrants compliant when tested in 2012. No maintenance issues relating to fire hydrants within the reporting period.	Not achieved. 97% of hydrants compliant when tested in 2012. Two maintenance issues relating to fire hydrants so far this year.	Reticulation team is developing a programme to re-test hydrants according to NZFS Firefighting Water Supplies COP. Budget requested in LTP for fire flow investigations to determine level of compliance against all relevant COP criteria.
New Mandatory Benchmarking Measures				
What are they:	Targets	Progress for this reporting period	Progress to date for this year	Work planned for next three months
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 (b) part 5 of the drinking-water standards (protozoal compliance criteria).	Targets to be set as part of the 2015-25 LTP	Achieved.	Achieved. One incident of E. coli detection at Hunterville in March requiring notification, which turned out to be a "false positive". This was confirmed by three consecutive daily samples as per Drinking Water Standards requirements; samples were clear and chlorine tests passed.	Continue implementation of Water Outlook to assist with compliance monitoring.
	Targets to be set as part of the 2015-25 LTP	Not achieved. Protozoal compliance cannot currently be demonstrated for any supplies. Marton has UV but still needs SCADA installation. All supplies will be compliant by end of Jun 2015. 10-yearly radiological testing done for Calico Line, and approved by Drinking Water Assessor, as part of achieving secure bore status.	Not achieved. Protozoal compliance cannot currently be demonstrated for any supplies. Marton has UV but still needs SCADA installation. All supplies will be compliant by end of Jun 2015. 10-yearly radiological testing done for Calico Line, and approved by Drinking Water Assessor, as part of achieving secure bore status.	Continue implementation of Water Outlook to assist with compliance monitoring. Identify work needed to achieve compliance. Move towards obtaining secure bore status for bores at Ratana and Calico Line (Marton). Continue upgrade work at plants.

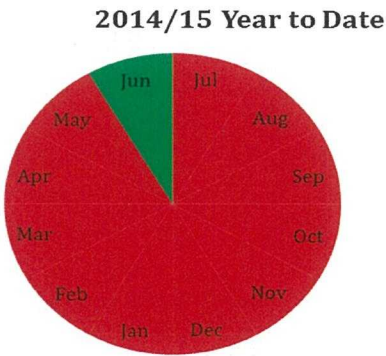
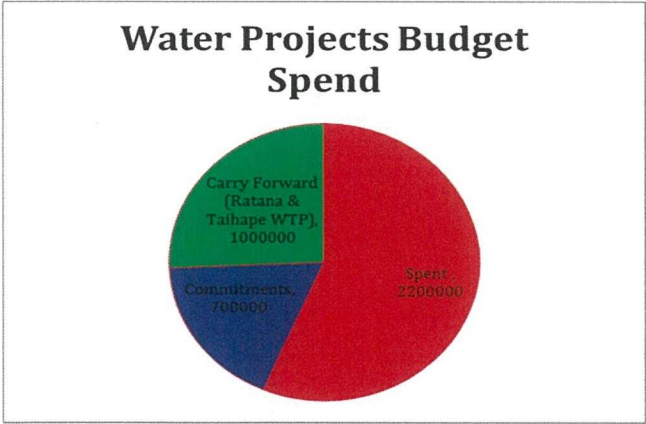
Maintenance of the Reticulation Network: The percentage of real water loss from the local authority's networked reticulation system (including a description of the methodology used to calculate this).	Targets to be set as part of the 2015-25 LTP	Not determined. This will be calculated for each supply using Method 1 (Benchloss) or Method 2 (MNF-based) from the DIA guidelines. One figure for the year for each scheme will be determined before 30 Jun 2015.	Not determined. This will be calculated for each supply using Method 1 (Benchloss) or Method 2 (MNF-based) from the DIA guidelines. One figure for the year for each scheme will be determined before 30 Jun 2015.	Continue implementation of Water Outlook to enable automated reporting against this measure.
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 (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. (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 (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.	Targets to be set as part of the 2015-25 LTP	a) 2 Urgent RFS were received and 2 were responded to on time per the RFS system.	a) 25 Urgent RFS's were received and 17 were responded to in time and 8 were responded to late as per the RFS system.	Review RFS system to ensure correct performance reporting.
	Targets to be set as part of the 2015-25 LTP	b) 2 Urgent RFS were received and 2 were completed on time per the RFS system.	b) 25 Urgent RFS's were received and 17 were completed on time and 8 were completed late as per the RFS system.	Review RFS system to ensure correct performance reporting.
	Targets to be set as part of the 2015-25 LTP	c) 25 Non-urgent RFS's were received 25 were responded to in time per the RFS system.	c) 315 Non-urgent RFS's were received and 292 were responded to on time, 2 were responded to late and 1 is current as per the RFS system.	Review RFS system to ensure correct performance reporting.
	Targets to be set as part of the 2015-25 LTP	d) 25 Non-urgent RFS's were received 25 were completed on time per the RFS system.	d) 315 Non-urgent RFS's were received 292 were completed on time, 2 were completed late and 1 is current as per the RFS system.	Review RFS system to ensure correct performance reporting.
Customer Satisfaction The total number of complaints received by the local authority about any of the following: (a) drinking water clarity (b) drinking water taste (c) drinking water pressure or flow (d) continuity of supply, and (e) the local authority's response to any of these issues expressed per 1000 connections to the local authority's networked reticulation system.	Targets to be set as part of the 2015-25 LTP	a) 0.4/1000	a) 5.8/1000	
	Targets to be set as part of the 2015-25 LTP	b) 0/1000	b) 0.6/1000	
	Targets to be set as part of the 2015-25 LTP	c) 0/1000	c) 2.1/1000	
	Targets to be set as part of the 2015-25 LTP	d) 0.4/1000	d) 3.8/1000	
	Targets to be set as part of the 2015-25 LTP	e) 0/1000	e) 1.9/1000	
	Targets to be set as part of the 2015-25 LTP			
Demand Management The average consumption of drinking water per day per resident within the territorial authority district.	Targets to be set as part of the 2015-25 LTP	596 L/person/day. Based on daily totals and population for Bulls, Hunterville Urban, Mangaweka, Rātana and Taihape. Data from Water Outlook.	510 L/person/day. Based on daily totals and population for Bulls, Hunterville Urban, Mangaweka, Rātana and Taihape. Data from Water Outlook and Control Box.	Continue plant upgrade, and implementation of Water Outlook, to enable Marton data to be included.

Requests for Service				
What are they:	Completed on time	Completed late	Overdue	
Water				
Bad tasting drinking water	0	0	0	
Dirty drinking water	2	0	0	Consolidate with DIA measures above to avoid repetition.
Location of meter/toby/other utility	1	0	0	Consolidate with DIA measures above to avoid repetition.
Low drinking water pressure (non urgent)	0	0	0	Consolidate with DIA measures above to avoid repetition.
No drinking water supply (urgent)	2	0	0	Consolidate with DIA measures above to avoid repetition.
Replace toby, meter or lid	5		0	Consolidate with DIA measures above to avoid repetition.
Water flooding (other than stormwater and wastewater)	2	0	0	Consolidate with DIA measures above to avoid repetition.
Water leak	10	0	0	
Water leak at meter/toby	4	0	0	
Other Levels of Service				
What are they:	Targets	Progress for this reporting period	Progress to date for this year	Work planned for next three months
None				

WATER SUPPLY GROUP OF ACTIVITIES 2014/15			May-15	
Major programmes of work outlined in the LTP/Annual Plan 2013/14: Complete				
What are they:	Targets	Progress for this reporting period	Progress to date for this year	Work planned for next three months
Capital Projects; Reticulation and Treatment				
Marton	Pressure flow control, backflow protection; Water Treatment Plant Upgrade, Canteen St, Dunsinane Pl/Blennerville Pl, Hereford St/Bredin's Lane, Canteen St		Completed	n/a
Taihape	Pressure flow control, backflow protection, PRV & Boost Pump Station		Completed	n/a
Bulls	Backflow Protection		Completed	n/a
Mangaweka	Seismic flow protection, telemetry upgrade		Completed	n/a
Huntermville	Seismic flow protection, telemetry upgrade, backflow protection		Completed	n/a
Ratana	New treatment plant		Completed	n/a
Erewhon				
Huntermville Rural				
Omatane				
Major programmes of work outlined in the LTP/Annual Plan 2014/15				
What are they:	Targets	Progress for this reporting period	Progress to date for this year	Work planned for next three months
Capital Projects; Reticulation and Treatment				n/a
District-Wide	Implement appropriate backflow protection for Council’s urban supplies		See first Water Supply Group of Activities Template	n/a
	Review network replacement programme for all assets exceeding threshold risk of 10/25		See first Water Supply Group of Activities Template	n/a
	Develop proposals (including activity/asset management plan) for inclusion in draft 2015.25 Long Term Plan		See first Water Supply Group of Activities Template	n/a
Marton	Complete renewal of Marton water reticulation (from Jeffersons Line to the new treatment plant) - Marton water Treatment Plant Upgrade	WTP entranceway upgrade being designed. Internal concrete works completed.	The WTP Upgrade works is complete except for electrical and process commissioning and landscape/frontage upgrade works . Landscaping works completed	Complete WTP upgrading works
Taihape	Taihape – renewals of treatment and reticulation facilities - Dixon Way, Water supply investigation	Invitation for expressions of interest for design work. Op's team carrying out physical investigation works.	Investigation works underway	Complete investigation works
Bulls	Install new water supply filling station	Preliminary design underway, In consultation with Roding and Operations teams. Preferred site identified at Domain Road	Site investigation being scoped, existing service connection options investigated.	Complete design and award tender
Mangaweka				n/a
Huntermville	Implement network hydraulic modelling at Huntermville			n/a
Ratana	Complete implementation of Ratana water upgrade	Contract for treatment upgrade awarded to FilTech (\$545k) Tenders for reticulation works under review. Ordered Reservoir \$200k	Bore installed, water quality tested. Consultation undertaken with landowners, preliminary designs underway. Draft lease and easement documents prepared. Reticulation underway.	Commence physical works for WTP and reticulation works
	Implement network hydraulic modelling at Ratana			n/a
Erewhon				n/a
Huntermville Rural				n/a
Omatane				n/a

Renewal Works: Reticulation and Treatment				
Renewals for Reticulation and Treatment	District Wide Budget \$2,718,914.00			
Marton	Community apportionment \$1,058,934; Water Treatment Plant Upgrade, Tutaenui Rd Water main renewal, (Complete renewal of Marton water reticulation from Jeffersons Line to the new treatment plant) Wellington Rd renewal works. Grey st and Fergusson St watermain renewals.	Tutaenui Road Waterman Renewal, (WTP - Jeffersons). Construction works completed. Grey St laterals to existing main underway. Wanganui Rd/Skerman valve installation. Ferguson St watermain renewal.	Tutaenui Road Watermain renewal , WTP -Jeffersons Line, scope revisited, re-tendered. Design and tender docs completed posted on tenderlink, tenders closed Friday 10th October. Tender Awarded (ID Loader \$692k). Works commenced 1/Dec 2014 Construction works underway. Horizontal boring completed. Trenching works completed.	Complete construction of Marton (WTP-Jefferson) falling main renewal.
Taihape	Community apportionment \$987,654; Dixon Way Investigation, Ruru Road stg II & III, Taihape main falling main renewal	Taihape Falling Main Stg II, construction works completed Ruru Road Stg III, physical works completed.	Completed works: Gretna Corner - 200m of 225mm main complete, Eagle St - 335m of 150mm main complete. Kiwi Rd - 75m of 150mm main complete. Lark/Titi/Thrush - 110m of 150mm & 150m of 100mm, Ruru Road Stg II, Watermain renewals complete. Geotechnical investigations for main renewals in Ruru Road Stage 2 complete, Ruru Road Stg II construction underway. tendered in June, and the raw water falling main on the Williams property (report from Tonkin and Taylor received for review). Timing constraints for access to the Williams property will require deferment of physical pipe installation until January-March 2015.Gretna Corner contract complete - value \$123,548. Eagle Street physical work complete - value \$129,846. Ruru Road Stage 2 Watermain renewal went out to four invited tenderers, tenders closed 13th June, Eng est \$200K. Tender awarded to ID Loaders Ltd. for \$139,709.50. Work commenced 7th July. Ruru Road Stg III design has commenced. Stage 2 of the geotechnical investigation of the Taihape falling main is continuing. costs anticipated at \$30K. Site works are programmed to be carried out in Jan-Mar 2015 due to farm operation constraints. est \$437k. Ruru road Stg II completed. Ruru road Stg III completed. Taihape Falling Main renewal, horizontal boring works completed, trenching works complete.	Complete construction of Taihape Stg II Falling Main
Bulls	Community apportionment \$319,318	Ferguson st new		complete design and award tender
Mangaweka	Community apportionment \$27,524			complete water renewal works
Huntermville	Community apportionment \$29,541			complete water renewal works
Ratana	Community apportionment \$48,183			complete water renewal works
Erewhon	Scheme apportionment \$109,000			complete water renewal works
Huntermville Rural	Scheme apportionment \$104,837			complete water renewal works
Omatane	Scheme apportionment \$2,151			complete water renewal works

Water Projects 2014-15 Budget: \$3.9 million



Project	Design/Scoping	Tender/Contract Docs	Under Construction	Complete
Marton: Canteen St Watermain Link				
Marton: Tutaenui Road, falling water main renewal				
Marton: Water Treatment Plant Upgrade				
Marton: Water Treatment reservoir levelling				
Marton: Hereford /Bredins Watermain link				
Marton: Dunsinane Pl/ Blenerville Cl Watermain link				
Marton: Grey St/Ferguson St renewals				
Marton: Wanganui Rd/Skerman				
Marton: Mills/barton St renewal				
Taihape: Falling Main Renewal				
Taihape: Ruru Road Watermain Stg II				
Taihape: Ruru Road Watermain renewal Stg III				
Taihape: WTP, reservoir outlet upgrade				
Taihape: Dixon Way Pressure investigation				
Bulls: Water supply facility (& caravan dump site)				
Bulls: Johnson St water renewals				
Ratana: Water Treatment Plant upgrade				
Mangaweka: Raumaewa Water renewals				

SEWERAGE AND THE TREATMENT AND DISPOSAL OF SEWAGE GROUP OF ACTIVITIES 2014/15			May-15	
Performance measures in LTP/Annual Plan				
What are they:	Targets	Progress for this reporting period	Progress to date for this year	Work planned for next three months
Provide a reliable reticulated disposal system that does not cause harm or create pollution within the existing urban areas	100% compliance at Marton WWTP. (Bulls, Hunterville, Mangaweka, Hunterville and Taihape WWTP continue 100% compliant)	Ratana, Mangaweka compliant. Marton non-compliant due to ammoniacal nitrogen. Taihape non-compliant due to flow. Bulls consent expired; currently being renewed. Plant compliant against existing use rights. Koitiata non-compliant due to irrigation, and inflow meter verification. Hunterville non-compliant due to lack of gauging site, issues with frequency of emergency discharges. Staff met with Horizons Environment Committee to explain the plan to achieve compliance at Marton, Hunterville and Taihape. Koitiata Wastewater Reference Group met to begin discussions about future compliant wastewater services for the community. Bulls consent lodged.	Ratana, Mangaweka compliant. Marton non-compliant due to ammoniacal nitrogen. Taihape non-compliant due to flow. Bulls consent expired; currently being renewed. Plant compliant against existing use rights. Koitiata non-compliant due to irrigation, and inflow meter verification. Hunterville non-compliant due to lack of gauging site, issues with frequency of emergency discharges. Staff met with Horizons Environment Committee to explain the plan to achieve compliance at Marton, Hunterville and Taihape. Koitiata Wastewater Reference Group met to begin discussions about future compliant wastewater services for the community. Bulls consent lodged.	Continue implementation of Water Outlook to assist with compliance monitoring. Continue to work through solutions for Marton, Taihape and Koitiata with Horizons Regional Council. Continue consent renewal process for Bulls. Complete upgrade of Taihape WWPS. Hunterville gauging site to be installed in stream and emergency discharges to be investigated. Continue to meet with Koitiata Wastewater Reference Group to develop compliant solution.
	No single network to experience more than 2 overflows during a 12 month period. Response/resolution time monitored and compared with benchmark	Achieved. Nil overflows within reporting period.	Not Achieved. Three overflows in Marton and one overflow in Taihape within reporting period.	
	Less than 1 blockage per 13.625Km in Council's reticulated system (the total reticulation length is 109 km).	Achieved. Nil blockages within reporting period.	Not Achieved. 13 blockages total within reporting period.	
New Mandatory Benchmark Measures				
What are they:	Targets	Progress for this reporting period	Progress to date for this year	Work planned for next three months
System and Adequacy: The number of dry weather sewerage overflows from the territorial authority's sewerage system, expressed per 1000 sewerage connections to that sewerage system.	Targets to be set as part of the 2015-25 LTP	0/1000	0.2/1000	
Discharge Compliance: Compliance with the territorial authority's resource consents for discharge from its sewerage system measured by the number of: (a) abatement notices (b) infringement notices (c) enforcement orders, and (d) convictions, received by the territorial authority in relation those resource consents.	Targets to be set as part of the 2015-25 LTP	None received within reporting period.	None received within reporting period.	Ongoing work to ensure compliance with consents, as above.
	Targets to be set as part of the 2015-25 LTP	None received within reporting period.	None received within reporting period.	Ongoing work to ensure compliance with consents, as above.
	Targets to be set as part of the 2015-25 LTP	None received within reporting period.	None received within reporting period.	Ongoing work to ensure compliance with consents, as above.
	Targets to be set as part of the 2015-25 LTP	None received within reporting period.	None received within reporting period.	Ongoing work to ensure compliance with consents, as above.

Fault Response Times: Where the territorial authority attends to sewerage overflows resulting from a blockage or other fault in the territorial authority’s sewerage system, the following median response times measured: (a) attendance time: from the time that the territorial authority receives notification to the time that service personnel reach the site, and (b) resolution time: from the time that the territorial authority receives notification to the time that service personnel confirm resolution of the fault or interruption.	Targets to be set as part of the 2015-25 LTP	None received within reporting period.	Three RFS's received and responded to on time.	
	Targets to be set as part of the 2015-25 LTP	None received within reporting period.	Three RFS's received and completed on time.	
Customer Satisfaction The total number of complaints received by the territorial authority about any of the following: (a) sewage odour (b) sewerage system faults (c) sewerage system blockages, and (d) the territorial authority’s response to issues with its sewerage system, expressed per 1000 connections to the territorial authority’s sewerage system.	Targets to be set as part of the 2015-25 LTP	a) 0/1000	a) 0.9/1000	
	Targets to be set as part of the 2015-25 LTP	b)0/1000	b) 1.2/1000	
	Targets to be set as part of the 2015-25 LTP	c) 0/1000	c) 3.2/1000	
	Targets to be set as part of the 2015-25 LTP	Not determined	Not determined	Review RFS system to enable tracking of customer complaints around response.
Requests for Service				
What are they:	Completed on time	Completed late	Overdue	
Waste				
Wastewater blocked drain	0	0	0	Consolidate with DIA measures above to avoid repetition.
Wastewater leak	0	0	0	
Other Levels of Service				
What are they:	Targets	Progress for this reporting period	Progress to date for this year	Work planned for next three months
None				

SEWERAGE AND THE TREATMENT AND DISPOSAL OF SEWAGE GROUP OF ACTIVITIES 2014/15			May-15	
Major programmes of work				
Capital works: Reticulation and Treatment	Targets	Progress for this reporting period	Progress to date for this year	Work planned for next three months
Capital Works: Wastewater reticulation, treatment and disposal activity	Develop proposals (including activity/asset management plan) for inclusion in draft 2015.25 Long Term Plan	See sewage supply activity report		n/a
Taihape	Network modelling at Taihape to identify capacity problems in conjunction with renewal programmes	See sewage supply activity report		n/a
		Kaka Road Water leak investigation and sewer repair	Investigate leak, CCTV sewer line, slip line old sewer line and repair	Complete repair works
	Waste Water Pump Station: install new Waste water pump station.	Pump station facility and compound physical works completed. Cut-ins to mains completed.	Wastewater pump station, wetwell facility, pumping units and shed and security compound all completed. Resource consent applied to horizons for temp storage facility.	Complete construction works for Taihape Pump Station upgrade.
Bulls	Waste water Treatment plant upgrade (improvement of Bulls treatment plant to meet water quality standards), Caravan dump site	Pre application public consultation being undertaken. Bulls dump site preferred site on Domain Road.	Data capture for the purposes of the resource consent. Draft AEE and consent prepared for review. Consent application completed and applied to horizons for BWWTP. Caravan dump site scoped site, and service options. The resource consent application is currently being prepared and is completed. Staff have met with Iwi on site to discuss land passage and outfall structure options. Caravan dump site investigation being scoped, existing service connection options investigated	Complete scoping works and formalise application to horizons for resource consent.
	Infiltration inflow study (to reduce stormwater overload of the wastewater system) completed for Bulls	See sewage supply activity report		n/a
	Network modelling at Bulls to identify capacity problems in conjunction with renewal programmes	See sewage supply activity report		n/a
Marton	Improvement of Marton treatment plant to meet nitrogen standard	See sewage supply activity report		n/a
Ratana				n/a
Renewal Works: Reticulation and Treatment	Targets	Progress for this reporting period	Progress to date for this year	Work planned for next three months
Renewals for Reticulation and Treatment	District Wide Budget \$1,059,794.00			
Marton	Community apportionment \$205,739; Goldings line sewage renewal,	Commenced I & I investigation of Goldings line sewage infiltration. Investigated alternative tech solutions for pipeline renewal works	Goldings Line renewal alignment and scope being investigated. Slip Lining works completed (Stg I)	Complete design and award contract for Goldings Line renewal works
Taihape	Community apportionment \$79,013; Mataroa rd, Huia st/Gumboot reserve		Identified projects and investigated suitable renewal alternatives	Complete renewal works.
Bulls	Community apportionment \$632,999	See sewage dump site facility		complete installation of dump facility
Mangaweka	Community apportionment \$94,421			Complete renewal works.
Hunternville	Community apportionment \$23,811	Ongo Road CCTV		Complete renewal works.
Ratana	Community apportionment \$23,811			Complete renewal works.
Koitiata				Complete renewal works.

Wastewater Projects 2014-15 Budget: \$2.4 mi



Project	Design/Scoping	Tender/Contract Docs	Under Construction	Complete
Marton: Goldings Line Sewer line renewal				
Taihape: Huia St/ Gumboot reserve Investigation only(CCTV)				
Taihape: Pump Station renewal rising main				
Taihape: Pump Station compound building				
Taihape: Mataroa St renewal				
Taihape: 55 Kaka Rd renewal				
Bulls: Wastewater Treatment upgrade (physical works)				
Bulls Wastewater Treatment upgrade (consent)				
Bulls: Caravan Dump Site (& water supply facility)				
Bulls: Hammond St renewal				
Investigation CCTV				
Hunternville: Ongo Rd renewal				
Investigation CCTV				

STORMWATER GROUP OF ACTIVITIES 2014/15			May-15	
Performance measures in LTP/Annual Plan				
What are they:	Targets	Progress for this reporting period	Progress to date for this year	Work planned for next three months
Provide a reliable collection and disposal system to each property during normal rainfall	In each event of 1 in 20 year storm, no more than 20 dwellings affected for more than 24 hours	None received this reporting period	None received this reporting period	
	60% responded within time and 60% resolved within time, 100% resolved	None received this reporting period	None received this reporting period	
New Mandatory Benchmark Measures				
What are they:	Targets	Progress for this reporting period	Progress to date for this year	Work planned for next three months
System Adequacy (a) The number of flooding events that occur in a territorial authority district. (b) For each flooding event, the number of habitable floors affected. (Expressed per 1000 properties connected to the territorial authority's stormwater system.)	Targets to be set as part of the 2015-25 LTP	Nil received this reporting period	Six received this reporting period	
	Targets to be set as part of the 2015-25 LTP		Surface road flooding - no properties affected	
Discharge Compliance : Compliance with the territorial authority'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 territorial authority in relation those resource consents.	Targets to be set as part of the 2015-25 LTP	N/A	N/A	Continue collecting baseline data for Marton stormwater to determine whether consent required. Horizons has agreed that this is less urgent than work currently underway to achieve compliance with water and wastewater consents.
	Targets to be set as part of the 2015-25 LTP	N/A	N/A	Continue collecting baseline data for Marton stormwater to determine whether consent required. Horizons has agreed that this is less urgent than work currently underway to achieve compliance with water and wastewater consents.
	Targets to be set as part of the 2015-25 LTP	N/A	N/A	Continue collecting baseline data for Marton stormwater to determine whether consent required. Horizons has agreed that this is less urgent than work currently underway to achieve compliance with water and wastewater consents.
	Targets to be set as part of the 2015-25 LTP	N/A	N/A	Continue collecting baseline data for Marton stormwater to determine whether consent required. Horizons has agreed that this is less urgent than work currently underway to achieve compliance with water and wastewater consents.
Response Times: The median response time to attend a flooding event, measured from the time that the territorial authority receives notification to the time that service personnel reach the site.	Targets to be set as part of the 2015-25 LTP	Nil received and responded to on time.	Six received and responded to on time	
Customer Satisfaction: The number of complaints received by a territorial authority about the performance of its stormwater system, expressed per 1000 properties connected to the territorial authority's stormwater system.	Targets to be set as part of the 2015-25 LTP	0/1000	2.1/1000	
Requests for Service				
What are they:	Completed on time	Completed late	Overdue	
Stormwater				
Stormwater blocked drain (non urgent)	0	0	0	
Stormwater blocked drain (urgent)	0	0	0	
Other Levels of Service				
What are they:	Targets	Progress for this reporting period	Progress to date for this year	Work planned for next three months
None				

STORMWATER GROUP OF ACTIVITIES 2014/15			May-15	
Major programmes of work outlined in the LTP/Annual Plan				
What are they:	Targets	Progress for this reporting period	Progress to date for this year	Work planned for next three months
	Continue CCTV condition assessment programme	See Stormwater supply activity report		n/a
	Review system design parameters	See Stormwater supply activity report		n/a
	Review network replacement programme for all assets exceeding threshold risk of 10/25	See Stormwater supply activity report		n/a
	Education programme on the responsibilities of relevant parties	See Stormwater supply activity report		n/a
	Resolve uncertainty over responsibility for Council’s stormwater drainage network in urban areas	See Stormwater supply activity report		n/a
	Develop proposals (including activity/asset management plan) for inclusion in draft 2015.25 Long Term Plan	See Stormwater supply activity report		n/a
Other programmes of work identified in e.g. activity management plan/major contracts				
What are they:	Targets	Progress for this reporting period	Progress to date for this year	Work planned for next three months
Capital works	Marton: Russell St/Wellington Road new works	Russell St: Brief to Opus to complete detailed design of S/W solution. Option 3 direct connection to Tutaenui Stream is preferred option. Existing alignment through Childcare centre cleaned and currently working adequately. Investigation works has identified limited options for alignment. Revisited drilling option direct to Tutaenui Stream. Design Completed contract docs prepared for tender.	Scoping and design options finalised	Complete design works and award tender for outlet to Tutaenui stream.
	Bulls			n/a
	Taihape			n/a
	Ratana			n/a
Renewals	District Wide Budget \$372,137.00			n/a
Marton	Community apportionment \$268,105; Hammond St, Main/Potaka St, Skerman/Bond St	Hammond St outlet design completed Resource consent granted. Russell st design completed Tender invitation completed, Main/Potaka complete. Skerman/Bond physical works	Hammond St s/w outlet design completed resource consent to horizons granted complete: Main/Potaka, Skerman /bond	Complete installation of Hammond St S/W outlet to Tutaenui Stream. Complete Russell St s/w outlet
Taihape	Community apportionment \$31,456; Huia st	Huia Street has been investigated. An overflow weir in the stormwater system has been found to be too low, thereby allowing overflow into the sewer system before full stormwater capacity has been achieved. A more practical weir design is under way.	Huia Street has had CCTV investigation with no obvious issues found other than weir design problem.	Complete replacement of Huia St Weir
Rural	Community apportionment \$32,919			Intentionally left blank
Bulls	Community apportionment \$14,510; High St/ Wilson St	Project identified preliminary design undertaken	Project underway	Complete culvert works for High St/Wilson St.
Mangaweka	Community apportionment \$8,259			Intentionally left blank
Hunternville	Community apportionment \$10,898			Intentionally left blank
Ratana	Community apportionment \$5,990			Intentionally left blank

Capital works for new culverts and drains and inlet protection	District Wide Budget \$172,808.00	See Stormwater supply activity report		n/a
Marton	Community apportionment \$31,067			Intentionally left blank
Taihape	Community apportionment \$39,739			Intentionally left blank
Rural	Community apportionment \$49,378			Intentionally left blank
Bulls	Community apportionment \$9,000			Intentionally left blank
Mangaweka	Community apportionment \$10,010			Intentionally left blank
Hunterville	Community apportionment \$16,876			Intentionally left blank
Ratana	Community apportionment \$16,738			Intentionally left blank

Stormwater Projects 2014-15 Budget: \$420000



Project	Design/Scoping	Tender/Contract Docs	Under Construction	Complete
Marton: Russell/Wellington Road Stormwater upgrade				
Marton: Hammond St Stormwater outlet upgrade. Resource consent				
Marton: WTP levelling & Drainage				
Marton: Skerman St/ Bond St Stormwater renewal				
Marton: Main/Potaka Stormwater inlet				

COMMUNITY AND LEISURE ASSETS GROUP OF ACTIVITIES 2014/15			May-15	
Performance measures in LTP/Annual Plan				
What are they:	Targets	Progress for this reporting period	Progress to date for this year	Work planned for next three months
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	Ratings for the public libraries (15%) have remained on a par with results from 2014. Customer service (17%) and other services (16%) continue to be the aspects of the libraries residents think are better than last year.		
	Progressive improvement in provision and maintenance of the swimming pools: A greater proportion (benchmark = 22%) of the sample believe that Council’s service is getting better	Overall measure 17% (however, swimming pool ratings are very high and year-on-year increases can be difficult to achieve when a service is improving year on year). All swimming pool measures have decreased this year, with customer service (19%), cleanliness and maintenance (15%) and opening hours (12%) are perceived as better than last year. A significant decrease can be seen in residents rating programme activities as better than last year (10% cf. 2014, 19%).		
	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	Overall measure is on a par with last year at 5%.The additional facilities at the fields, parks and reserves are considered better than last year by 9% of residents, although not statistically significant, this is a 3% increase from last year. On a par with last years results, 8% mention the maintenance and upkeep is better then last year, and 3% think the location and accessibility of sports fields, parks and reserves is better than last year.		
	Progressive improvement in provision and maintenance of public toilets: A greater proportion (benchmark = 5%) of the sample believe that Council’s service is getting better	Ratings for measures pertaining to public toilets at 19% this year have increased, with significantly more residents indicating the maintenance and upkeep (22% cf. 2014, 6%) and location and accessibility (16% cf. 2014, 4%) is better than last year.		
	Progressive improvement in provision and maintenance of community buildings: A greater proportion (benchmark = 5%) of the sample believe that Council’s service is getting better	Ratings associated with community building (4%) remain largely on a par with last years results. Customer service (7%), maintenance and upkeep (6%) and additional facilities (6%) continue to be perceived as better than last year.		
	Progressive improvement in provision and maintenance of community housing: A greater proportion (benchmark = 3%) of the sample believe that Council’s service is getting better	Although most ratings associated with community housing remain on a par with last year, the majority of residents were not able to rate these measures.		

Requests for Service				
What are they:	Completed on time	Completed late	Overdue	
Cemeteries	0	1	0	
Cemetery maintenance	0	1	0	
Council Housing/Property	18	7	3	
Maintenance (Council housing/property)	18	7	3	
Graffiti/Vandalism	1	0	0	
Graffiti/Vandalism	1	0	0	
Halls	0	0	1	
Maintenance (halls)	0	0	1	
Street Cleaning	0	0	0	
Street litter bins/maintenance	0	0	0	
Parks and Reserves	2	4	0	
Maintenance (parks and reserves)	2	4	0	
Playground equipment	0	0	0	
Public Toilets	2	0	1	
Cleaning (public toilets)	1	0	0	
Maintenance (public toilets)	1	0	1	
Other Levels of Service				
What are they:	Targets	Progress for this reporting period	Progress to date for this year	Work planned for next three months
An accessible, affordable, well maintained and pleasant range of community and leisure assets that provide for the cultural and social well-being of communities	60% of residents will have an open space available within 1.5 Km of their dwelling	Options for swim centres, community housing, and parks upgrades were included in the Consultation Document. Peter Shore has been engaged to carry out an independent review of the parks and town maintenance service agreement with the Ratana Communal Board. Initial discussion has been held with a Koitiata resident regarding their interest in providing parks and town maintenance at Koitiata . Urban roadside mowing has been discussed with members of the infrastructure team. It has been agreed that the bank areas will be included as a variation in the roading contract, along with the CBD cleaning in Mangaweka and Turakina. Specifications are presently being prepared for roadside berm mowing, BBD cleaning, and sexton contracts. The position of Parks Team Leader has been advertised, and staff are presently identifying other positions, and job descriptions. A number of sites were also looked at as part of considering a base location for this team, and their equipment. E-magazines have been investigated and a subscription to these will be taken up in the next two months. Age Concern continue to visit the tenants in the southern part of the district, and Older & Bolder in the North.	Council has indicated its intention over the next 10 years or so to rationalise its community and leisure assets. It anticipates that over the course of the next decade it will have fewer, better community assets. The District Librarian has been interviewed as part of the first stage of Council's Information Systems/Technology Review. Hunterville School has permission for them (the school) to build and pay (they are not seeking financial contribution from the Council) for a 1.1km fitness track at the Hunterville Domain for use by the Community. Centennial Park cricket outfield has been dethatched and swept, and hollow tined. Flat weed spraying was carried out on the fields at Bulls and Hunterville Domains. Staff from Hutt City Council assisted with the strategic review of the swim centres. The Hunterville Community Library was relocated to the Hunterville School on 17 March. Options for the swim centres, community housing, and playgrounds were included in the consultation document as part of the draft LTP consultations.	Review of Reserves register and associated licences to occupy.
	A specialised sports field for every major sporting code within the Rangitikei District			Review of the Parks and Town Contract specifications. Present contract finishes 31 July 2015.
	60% of residents will have a community building available within 1.5 Km of their dwelling			Preparation of service agreements for Council owned Rural Halls. Consideration of Town Hall facilities as part of the Town Centre planning at Bulls, Marton and Taihape.
	Pool-safe accredited pools in Marton and Taihape, with affordable access to the pool in Hunterville			Strategic review of all three swim centres as part of the 2015/25 LTP process.
	Library provision in Marton, Taihape and Bulls + community libraries in Hunterville, Mangaweka and Kawhatau			Finalisation of Collection development Policy. Investigate options for the library website; Implement self-service for checking out of materials; Investigate options for touch screens for provision of information; Investigate options for self service payments for council services, photocopying and printing;
	Safe and comfortable Community Housing, with additional support services from Age Concern (cost \$1 per week/per unit), within Bulls, Taihape, Marton and Ratana at no less than 1: 60 population			This contract has expired, and renewal will be considered as part of the review of the management of community housing.
	A safe, clean public toilet within 100 m radius of CBD			

COMMUNITY AND LEISURE ASSETS GROUP OF ACTIVITIES 2014/15				May-15
Major programmes of work outlined in the LTP/Annual Plan				
What are they:	Targets	Progress for this reporting period	Work planned for next three months	Progress to date for this year
Community and Leisure Group activity	Develop proposals (including activity/asset management plan) for inclusion in draft 2015.25 Long Term Plan	On track.	Will be implemented into the draft LTP by mid December.	
Parks and open spaces activity	Work with the community to develop and consult upon detailed implementation plans and budgets for a regional sports development plan.	Work began on the 25th May on the interior refit at the Shelton pavilion. Relining and insulation of the walls and ceiling has began and gas lines for the infinity gas heaters have been run to the building. The new doors are expected onsite this week. week.	It is expected that the fit out including the replacement of the doors will continue through June and into July 2015.	Applications for funding submitted to Lottery Community Facilities Fund and Whanganui Community Foundation to refurbish Shelton Pavilion has began succesful with work set to begin in June 2015.. Asset Management Planning for LTP in process to develop the parks identified. Meeting with Sport Wanganui Chief Executive confirmed that the scope of Council's involvement in the regional sports development plan is to progressively develop the facilities on Memorial Park, Taihape, Centennial and Marton Parks in Marton and Bulls Domain.
	Progress Urban Parks and Reserve Management Planning, including *Implementation of agreed Bulls Domain management plan; *Alternative access, use of buildings, upgrading playground facilities, developing paths/trails and provision of permanent power on Wilson Park, Marton; *Liaison with Clubs Taihape over the projected community leisure hub on Taihape Memorial Park	A draft MoU has been circulated to Memorial Park user groups, including Clubs Taihape, as part of Peter Shore's consultation. A meeting was held with a South Rangitikei Car Club representative re their licence to occupy and the Club is presently considering options regarding their future on Wilson Park.	Liaison with Clubs Taihape is expected to be considered as part of the Taihape Town Centre Plan, along with upgrade development plans for Memorial Park.	Marton Community Committee have installed new playground activities and painted existing equipment at Wilson Park, and permanent power supply, Stage 1, was installed. The playground development proposal for Wilson Park, as per the Playground Centre quotation, was highlighted in the 2015/25 LTP Consultation Document (along with the proposed upgrades to the district's skate parks). Clubs Taihape has been participating in the Taihape TCP programme - Stage II Memorial Park.
	Upgrade internal shower/ablution block at the Koitiata campground.	Project was completed within budget in November 2014.	Completed	Showers were converted to coin operated facilities. Interior painting was carried out.
	Install off-road parking bay at Gumboot Park (Mataroa Road, Taihape) and upgrade the two footbridges there.	The parking bay is complete – some signs still to be erected. Work is underway to address the footbridges, and aiming for completion by end of July.	Complete identified projects.	A design has been drawn up for a parking bay that will be sufficient for two 12m buses. The Taihape Community Board have approved the suggested proposal for the parking bay and tenders will now be called for this work.
Community Halls and Buildings activity	Implementation of agreed earthquake-strength-ening & undertaking further evaluations in response to government requirements (when announced).	Nothing to report		
	Exterior maintenance and painting of the gaol on the old Bulls courthouse site.	Mcllwaines hope to complete the carpentry work on the Bulls Gaol by 12 June. Items to be completed are the roof vent cowels, the barge flashings, and baseboards. Exterior painting (similar colour to present colour scheme) will then be carried out as weather permits. This work is within budget with approximately \$13,000 remaining. A report will go to the June meeting of the BCC with suggestions for how the remaining funding could be utilised and seeking a recommendation of preferred priorities.	Exterior renovation and painting to occur.	An initial meeting has been held with Bulls & District Community Trust, and Museum representatives. Bulls Community Committee members expressed concern about the possible cost of the project and have asked for detailed estimate before any maintenance was commenced. Council's building officers went on-site and agree with the existing conservation plan but warn that once the roof cladding has been removed, along with the damaged weatherboards, that there may well be water damage to the overall structure which would then need to be replaced if not up to standard. Mcllwaines Building Solutions have been asked to provide an estimate of costs. On-site meeting held with Mcllwaines on 5 February. Suggested work/preservation programme to be presented by mid-February. Work order issued 11 March.
Library activity	Wholesale review of information technology needs of the community taking into account APNK , Marton and surrounds ICT Hub and new e-services (e.g. e-books, Kete).	Updated Council website went live at the end of May, and now includes links to the Library website. Current subscription databases have been reviewed. E-magazine subscription has been investigated and will be taken up in June.	Evaluate other potential additions. Investigate options for the library website; Investigate options for touch screens for provision of information.	Partaking in the greater (including the Library service) Council Information and Technology review in the first instance.
Community Housing activity	Research alternative management arrangements for community housing.	Included in the LTP Consultation document.		Staff gathered information to assist with the consideration of a Trust managing the community housing operation. Representatives from Manawatu Community Trust visited all of our Community Housing complexes and will be presenting to the 16 October meeting. A report on the options for the on-going delivery of community housing services, including the provision of community housing via an independent community trust, was presented to the Council meeting of 27 November.

Other programmes of work identified in e.g. activity management plan / major contracts				
What are they:	Targets	Progress for this reporting period	Work planned for next three months	Progress to date for this year
Renewals				
Swimming Pools	Pump and DE filter replacements in Marton and Taihape. Poolside resurfacing in Taihape. Ventilating fans Taihape.	TCDT reported back to Council through the LTP submission process, identifying items as part of a renewal process. The ventilating vans and poolside resurfacing will be deferred until after the filtration and heating is upgraded. At Marton Swim Centre, work orders have been issued for a new pool cleaner, painting of the main pool, lighting renewals and new lane ropes. An alarm system for the gas tank/shed is also planned.	Strategic review of all three swim centres as part of the 2015/25 LTP process.	Marton pump has been purchased and will be installed when the DE filters are due for changing. Marton Swim centre opened on 27 September and Taihape Swim Centre opened on 3 November.
Libraries	Upgrade of PCs, tables, chairs and display shelving. Library Book purchases	On track. 76% of the book budget has been spent.	Installation and implementation of self service machines.	Aotearoa Peoples Network public computers have been replaced/installed; Nine at Marton and Taihape and four in Bulls.
Community Housing	\$25K for interior/exterior upgrades.	Prices have been sought for flooring in two units. Security lighting is also being investigated for the parking area of Matua Flats following a spate of theft of vehicles, wheels etc.		New carpet and vinyl has been installed in one Taihape unit. Kitchen area in one Ratana unit has been painted. One shower unit has been re-lined in Taihape. 1 x Russell Street, Marton, and 1 x Hammond Street, Bulls, units have had interior painting carried out in March. An oven has been replaced at a Russell Street unit.
Cemeteries	\$15K available	An order has been issued to complete the footpath and for stormwater drainage works in the new section at Mt View Cemetery.		Roadway renewals have been carried out at Taihape.
Parks and Reserves	Centennial Park renovations	Mcllwaines have commenced work on the Shelton Pavilion and this will continue in June and July.	Work is expected to carry on throughout June and into July 2015	Work has began with the refit of the interior of the building. Gas lines have been laid for the Infinity hot water system and preparation work has been completed for the heating systems. New doors are expected on site this week.
Toilets	No renewal budget	Deep cleaning of the Marton High Street toilets was carried out, and is scheduled to be done in Hunterville in June. An order has been issued for interior painting of the Lower High Street toilets with new anti-vandalism stainless steel fittings e.g. soap dispensers, disabled hand rails, mirrors, etc. A sign will also be installed advising there is a baby changing station at the Plunket building.		Lower High Street toilets - Marton Community Committee requested that tiling of the walls and floor be investigated. A ballpark figure of \$25,000 was submitted. The tiler recommended that the floor not be tiled, advising that the present flooring is more effective in this type of toilet block. Quotes are being sought for an anti-graffiti paint surface, and new fittings.
Halls	Ratana Clinic Interior Repaint Hunterville Hall Re-roofing Koitiata Joinery	Work order has been issued to repair the joinery at Koitiata Hall/Fire station.	Complete identified projects.	Re-roofing of the Hunterville Town Hall was completed. Painting at the Ratana Clinic has been completed.
Capital				
Swimming Pools	Car-park extension etc. at the Taihape Pool	Remedial repairs were carried out in lieu of extension due to strategic review of the Swim centre, and Memorial Park.	Plan developed and presented to Taihape Community Board. Consideration of playground in close proximity.	Onsite meeting has been held to discuss options. Infrastructure providing input. Plan was developed, presented, and approved by the Taihape Community Board at their November meeting. Due to the strategic review of the swim centres, and the proposed consideration of the Memorial Park facilities as part of the Taihape Town Centre Plan, this development has been placed on hold.
Parks and Reserves	Mangaweka campground sewerage disposal	A draft concept drawing was provided by Mr Eames and this is presently being fine tuned, and further information sought on materials.	Upgrade of toilet/shower block facilities	Some minor works were carried out prior to the the peak season. The Infrastructure team determined that the present system was adequate for the current demand (with the septic tank to be emptied twice during the summer holiday break) and no further work will be undertaken on this project. Council determined the excess funding could be used to upgrade the toilet block. Initial meetings have been held with the Lessee, and Building Officers to determine requirements etc.
Library - first time borrowing		May 6493 (8284 May 2014)		Total First Time Issues 2014 : 89406 (2013 = 88876) April 7048 (7494 April 2014)

RUBBISH AND RECYCLING GROUP OF ACTIVITIES 2014/15			May-15	
Performance measures in LTP/Annual Plan				
What are they:	Targets	Progress for this reporting period	Progress to date for this year	Work planned for next three months
Make recycling facilities available at waste transfer stations for glass, paper, metal, plastics, and textiles and e-Waste	5,200 tonnes to landfill	376 Tonnes waste to landfill. Combined total for year of 4326 Tonnes	Waste to landfill 83% of Target (11th month)	Trial paper and card recycling at Taihape WTS - 1st July
Extend recycling facilities to include green waste facility at Taihape, waste transfer stations	Percentage of waste diverted from landfill 11%	Diversion 15.5%	10.5% for the year thus far	Trial green waste acceptance Taihape -July 1st
Requests for Service				
What are they:	Completed on time	Completed late	Overdue	
None	0	0	0	Carry out audits of various WTS sites
None	0	0	0	
Other Levels of Service				
What are they:	Targets	Progress for this reporting period	Progress to date for this year	Work planned for next three months
Efficient, affordable and convenient access to waste disposal services that can accept a range of different waste streams.	Provide waste transfer stations under contract at Bulls, Marton, Ratana, Taihape, Hunterville and Mangaweka	Targets Met	Targets Met	New attendant to be employed at Taihape WTS

RUBBISH AND RECYCLING GROUP OF ACTIVITIES 2014/15

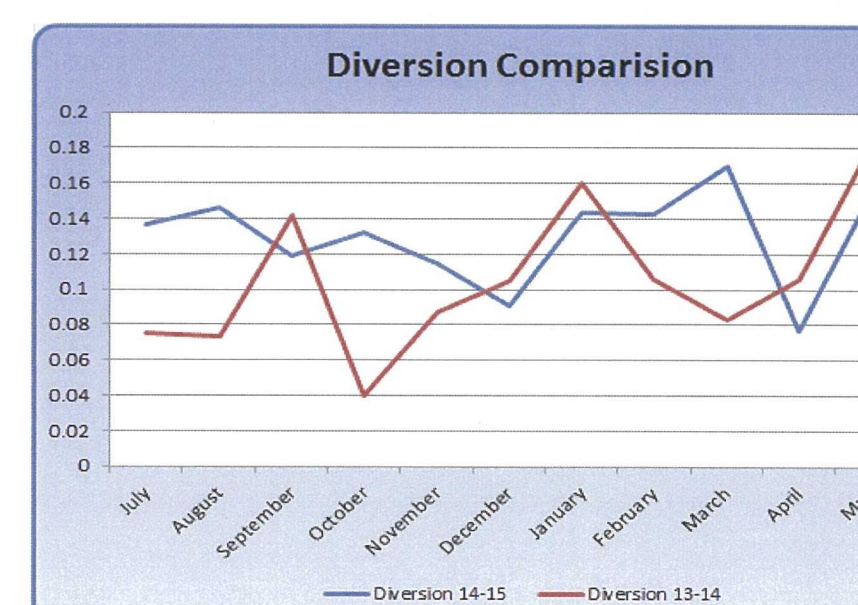
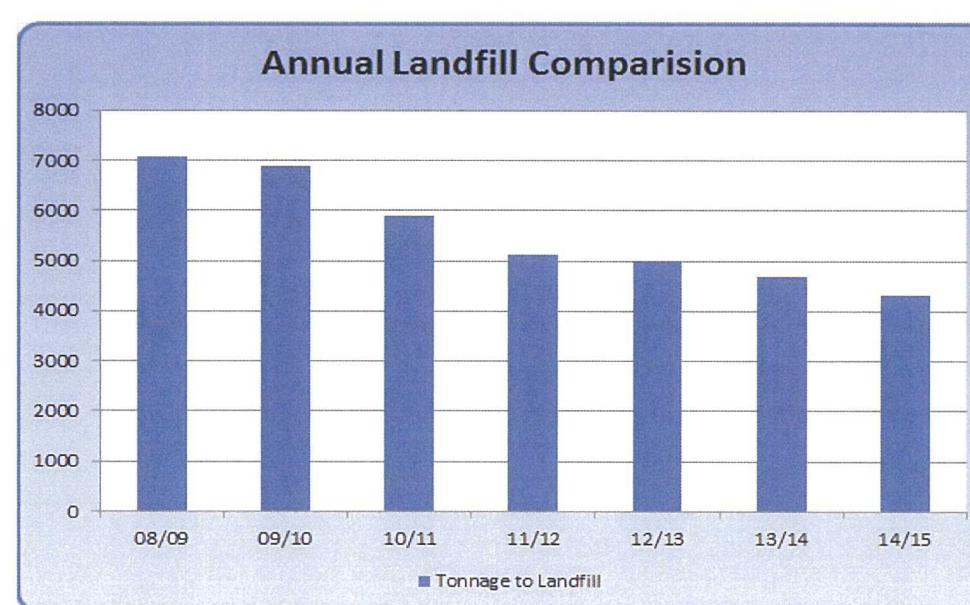
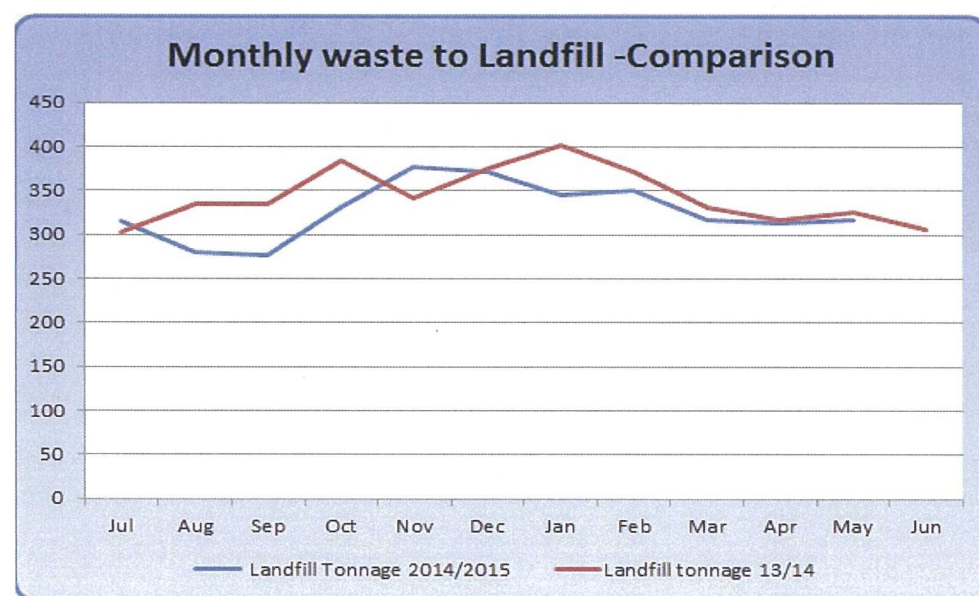
May-15

Major programmes of work outlined in the LTP/Annual Plan

What are they:	Targets	Progress for this reporting period	Progress to date for this year	Work planned for next three months
Waste minimisation activity	Scoped green waste scheme up and running Bulls and Taihape	Greenwaste pad constructed in Taihape WTS	Green waste acceptance in Bulls and Marton	Greenwaste acceptance pad site works at Taihape completed
Education in schools	Number of schools that have received zero waste education in Rangitikei district.	No education programmes recorded for May. Note: Horizons programme to start in July	Three schools received programme Marton Junction, Moawhango, Papanui Junction	Continue to assist Horizons in promotion of Enviro schools

Other programmes of work identified in e.g. activity management plan / major contracts

What are they:	Targets	Progress for this reporting period	Progress to date for this year	Work planned for next three months
Taihape to have paper and cardboard recycling	By 3rd quarter have infrastructure in place	Entry slots cut in shipping container	Steel fabrication of shipping container conversions underway. Painting expected in June	Finish shipping container refit for hook bin movements of P&C from Taihape



Attachment 3



Rangitikei
UNDISPUTED...

REPORT

SUBJECT: Tutaenui Rural Water Supply Scheme - Potential

TO: Rangitikei District Council

FROM: Hamish Waugh, General Manager Infrastructure

DATE: 4 June 2015

FILE: 6-WS-3-11

1 Executive Summary

1.1 Purpose of the report

The purpose of this report is to outline a way forward for a potential rural water supply scheme utilising surplus water from the Marton water supply system and exploring the possibilities for irrigation.

1.2 Key issues

Council has recently received reports prepared by Catalyst regarding the irrigation potential within the Rangitikei District. These reports were jointly funded by Council and the Ministry for Primary Industries (MPI) (Irrigation Acceleration Fund). For the purposes of this report the relevant reports are the '*Project Summary, Opportunities and Recommendations Report*' and the '*Hunterville Rural Water Supply Scheme; A Review*' which have recommendations that may be of relevance.

These reports have led to the consideration, in the first instance, of a possible Tutaenui Rural Water Supply Scheme. This possibility was presented to Council in April.

1.3 Major recommendations

That the amount of water that could be supplied from the existing Marton water supply be confirmed.

That the areas able to be irrigated or supplied with stockwater be confirmed.

That the options for the size and location of a potential scheme be determined.

That the economic benefits and costs of an irrigation or stockwatering scheme be identified.

2 Context

2.1 Background

The relevant recommendations from the reports to a possible Tutaenui Scheme are as follows:

i). from the *'Hunternville Rural Water Supply Scheme; A Review'* report

Decentralise the scheme

- Investigate and develop alternate water sources within the scheme area.

It may be possible to partially achieve this with a cross connection along Jeffersons Line. A map showing the proximity of the schemes is included in this report below.

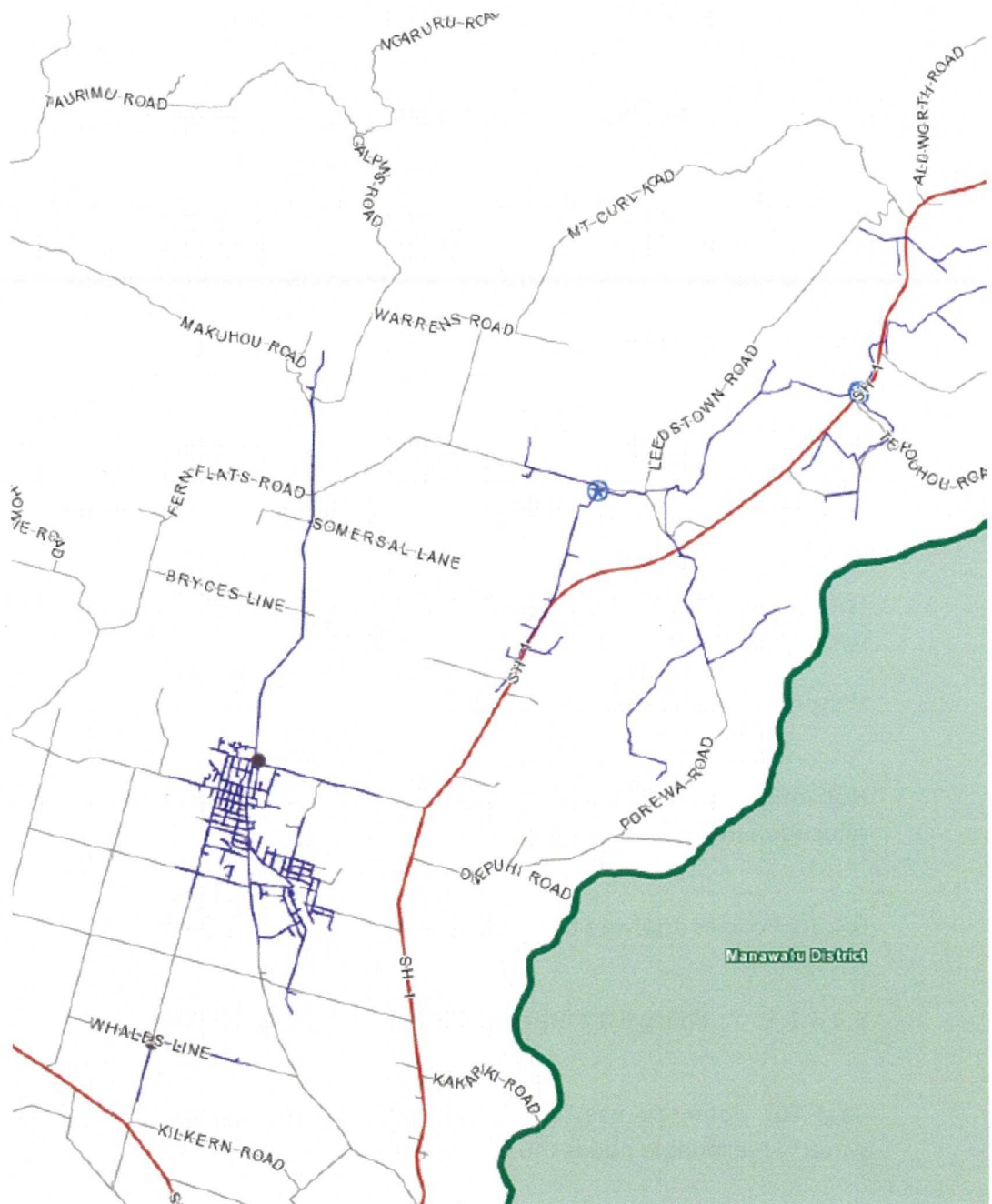
ii). from the *'Project Summary, Opportunities and Recommendations Report'*

- Individual landowners explore irrigation and stockwater system options for their properties. There is no one solution that fits all circumstances, so these assessments need to be done on a property by property basis to determine economic and environmental viability.
- Rangitikei District Council approaches landowners that could be supplied with water from the Marton water supply and/or the No 2 Dam to discuss the possibility of rural water supply scheme. Depending upon the response from landowners, this could be advanced to a more detailed investigation of scope, design and cost.
- Rangitikei District Council initiates a comprehensive review of the Hunternville Rural Water Supply Scheme, with the priorities being a redesign of the intake structure, an investigation into the feasibility of developing alternate water sources, opportunities to expand the scheme, and an assessment of the costs to achieve the above. It is understood that early discussions have been held with MPI officials about the possibility of a central government funding contribution to such a review. Note that CAPP funding is being sought for a separate water supply to Hunternville town which may make more water available for the rural scheme.)
- Rangitikei District Council canvasses the rural sector and sheep/beef farmers in particular, about a one-stop irrigation and stockwater system exploration and development advisory service concept. If supported by landowners, then approach MPI about the concept and the possibility of central government funding.

- Rangitikei District Council, possibly with central government funding, commission a study to identify what alternative land uses are possible in the district and are likely to be commercially viable.

2.2 Indicative Area

The map below shows the current Marton water supply and the lower extremities of the Hunterville Rural scheme. It is envisaged that any Tutaenui scheme will be in the area between the Water Treatment Plant and Marton. It is noted that several properties are already serviced from the existing trunk main to Marton from the WTP.



It may also be possible to supply properties from the falling main below the dam but this would require treatment to meet the Drinking Water Standards for Rural Supplies.

2.3 Recent Water Supply Upgrade

The water supply upgrade at Marton, which is in its final stages, has addressed the following issues:

- The loss of production capacity,
- insufficient treated water storage capacity, and
- frequent odour and taste problems experienced by consumers

The solution to these issues was to up-grade and continue to use the existing Impoundment Dams, upgrade the Treatment Plant, increase treated water storage and augment the supply with groundwater from two bores.

2.4 Water Demand for Irrigation

Water demand for irrigation is dependent upon land use, and soil type. For the purposes of this exercise it is assumed that an average 2 mm depth of irrigation per day will be required for 90 days per year for an irrigation system.

For 1000 hectares this results in a daily demand of 20,000 m³ and total demand for the 90 day period of 1,800,000 m³.

2.5 Water Demand for Stockwatering

Horizons Regional Council's One Plan Section 6.4.3 Water Quantity and Allocation indicates the following:

6.4.3.1 Policies applying to both Surface Water and Groundwater

6.4.3.1.1 Policy 6-12: Reasonable and justifiable need for water

(aa) For domestic use, animal drinking water[^] and dairy shed washdown water[^], reasonable needs must be calculated as:

(i) up to 300 litres per person per day for domestic needs

(ii) up to 70 litres per animal per day for drinking water^

(iii) up to 70 litres per animal per day for dairy shed washdown.

For the purposes of comparison it is assumed that 1000 hectares will contain 10 farms with 3 people each with stocking rates of 4 cows per hectare. This leads to an estimated daily demand of 569 m³, and a 90 day demand of 51,210 m³.

2.6 Source Water Availability

The average water demand for Marton is 3,400 m³, with peak daily demand of 4,700 m³. The design capacity of the treatment plant is 5400 m³/day.

The storage available at the dams is 917,000 m³. It may be possible to double the storage by increasing dam heights but this would need further investigation.

Allowing an effective storage of 50%, this means that the dams currently hold 97.6 days storage at peak daily demand for Marton or 85 days at the WTP design capacity.

Capacity of each bore is estimated to be 2,000 m³/day each although the Calico Line bore is currently only consented for emergency use.

It should be feasible to install another bore or two to supplement the scheme, subject to abstraction consents.

2.7 Source Water Quality

The water supplied to Marton from the WTP is treated surface water. This water is soft with consistently good aesthetic qualities since treatment upgrades over recent years.

Two bores, at Calico Line and Tutaenui Rd have been installed to supplement the WTP supply in case of failure of the storage dams, WTP or the pipeline feeding Marton. In contrast to the surface water, this water is hard (that is, the water contains high concentrations of calcium and magnesium salts) as well as high levels of manganese, which could cause discolouration of the water supply.

Therefore consideration will need to be given to treating the bore sourced water to minimise issues with scale and discoloration, particularly if any rural properties are likely to be connected for drinking water.

2.8 Physical Constraints

The scheme extents and limits may be affected by the proximity of the railway (options for taking water supplies to the other side of the railway may be limited to existing stock underpasses or road crossings) and State Highway 1.

At this stage it is envisaged that the scheme will be limited to the western side of State Highway 1.

2.9 Long Term Plan (LTP)

Since this scheme is a very early proposal it is not mentioned in the draft 2015/25 LTP. However, the LTP does mention Council's investment in the strategic water assessment and the identified potential for greater water extraction in the District to support primary production and downstream processing¹.

2.10 Significance

The contents of this report do not trigger the significance thresholds in the Council's significance and engagement policy. There is no impact on the delivery of statutory core services; the level of community interest is localised; and there is no financial or non-financial risk in undertaking the recommended investigations.

2.11 Maori consultation

Community views have not been explored in this report.

2.12 Legal issues

There are no legal issues at this feasibility stage but advice will be required as the scheme proceeds.

2.13 Approach

Community views have not been explored in this report.

¹ Draft 2015/25 Long Term Plan watermarked 28 May 2015, p.77.

3 Analysis

3.1 Views

As noted in Section 2.4, community views have not been explored in this report.

3.2 Irrigation Option

As outlined in Section 2.3 above, the water demand for irrigation over 1000 hectares is likely to stress the current spare water resource available.

The total water available for up to 90 days within the current Tutaenui system is 9,000 m³/day assuming no rainfall for those 90 days. Half of this is required to supply Marton without any water restrictions. If water restrictions can be imposed on Marton in times of drought, then there may be up to 5,600m³ available per day for irrigation and stock watering. (Note that this water would be essentially untreated as the Marton water treatment plant can only treat up to 5,400m³/day.)

Based on the above figures for irrigation (estimating 2mm per day equivalent) this quantity of water could irrigate up to 280 hectares or 2.8 km² (4% of possible area).

In order to provide irrigation water to a larger area it would be necessary to install a third bore and, if possible, increase the height of the dam to meet expected demand.

Ideally the bore would need to have ten times the capacity of either of the existing bores and would need to have a separate consent. Flow tests would have to be conducted to ensure the aquifer could take this large extraction without affecting other bores or the overall ground water table. Direct extraction from the Rangitikei River is unlikely to be acceptable in terms of Horizons One Plan unless water is extracted in the winter into storage dams with a view to its use in summer.

3.3 Stockwatering Options

It appears that there may be sufficient water available for a stock watering scheme. It is noted that the amount of water estimated for 1,000 hectares is for the land to be completely converted to dairying and the water demand for existing schemes where dairying does not predominate is considerably less than this demand.

Therefore if a stockwater scheme is to be further investigated the following issues will need to be considered in determining the optimum configuration of a scheme.

- The need to maintain the aesthetic quality of water supplied to Marton, to minimise impacts on consumers and industry (this means that water supplied from the bores will need treatment)
- The amount of raw water stored to allow for water harvesting (this leads to options regarding the dams) and to ensure that sufficient water is available in a prolonged drought).
- Similarly the need for treated water storage will need review
- The need for a separate reticulation to supply water
- The benefits to the Hunterville Scheme of providing a cross-connection for emergency or supplementary purposes
- The configuration of treatment options

Note that the large distances involved with providing water for stock units means that an allowance is needed for leakage and variability of restrictors.

Whilst the Marton Water Treatment plant has some spare capacity for treatment, if larger quantities are required for rural use it would be beneficial to separate the rural scheme from the town supply and provide separate water treatment for stock watering.

If the scheme covered the maximum area of about 70 km² then the demand for stock watering is estimated to be about 4,000 m³/day. This should be achievable based on the figures above but separate water treatment would be required.

3.4 Costs and benefits

The costs for the project will be defined as part of the process to find the optimum configuration.

To provide an irrigation scheme it would be necessary to establish the extent of demand and conduct a more detailed analysis of catchment parameters and possible additional water sources. Discussion would be needed with Horizons Regional Council at an early stage to ensure that they were comfortable with an application to increase the water take.

As noted above, the water quality in aquifers in this area is poor so the cost of treatment would need to be considered so that there are no health issues if it is used to irrigate vegetable crops for human consumption.

Establishing a new bore can cost more than \$500,000 plus any treatment requirements.

Other costs that need to be considered relate to the extent of the scheme, particularly any crossings of the state highway network or railway lines, and topographical limitations.

Using existing water supplies, it may be possible to provide a mixture of irrigation and stock watering with irrigation only available over a short period (say 30 days) for out of season dry periods.

The following economic benefits from any water scheme need to be estimated to determine whether a scheme is viable. These are as follows;

- Demand
- Productivity gains
- Any likely net gain in on-farm costs
- Any potential gain in land value
- Any off-farm economic impacts

These impacts will be able to be quite clearly defined from existing schemes elsewhere. Existing schemes that may be relevant are located within the District and also within Manawatu (Stanway-Halcombe and Waituna West schemes) and South Taranaki (Waimate West, Inaha, and Cold Creek schemes) Districts.

4 Conclusions

- 4.1 There appears to be limited water available from the current water supplies for an irrigation scheme. More investigation is needed to obtain an additional water source or a workable means of managing a limited irrigation supply.

However a stockwatering scheme appears viable using the current water sources. The amount of water available for the scheme and the options for a serviceable area needs to be determined.

A preferred configuration of such a potential scheme needs to be developed and the costs and benefits estimated.

- 4.2 Impact on Council policy

Nil.

- 4.3 Impact on taking a sustainable development approach

The recent works on Tutaenui Rd have indicated that there may be available surplus water from savings in leakage from the existing Marton water supply.

A sustainable development approach will seek to utilise water that becomes available as a result of leakage savings achieved through the watermain renewals programme and pressure reduction in Marton.

4.4 Need for further consultation

It is recommended that there is further consultation with Horizons to determine the likelihood of further abstraction consents being granted. Horizons Regional Council do have issues with respect to irrigation and the potential for increased farm runoff with high nutrient loads. Increased stock levels may also affect stream water quality without irrigation.

Horizons have already indicated that the Tutaenui Stream has high levels of nitrogen and phosphorous upstream of the dams.

4.5 Issues for Maori

At this feasibility stage it has not been necessary to consult with local iwi. However, there may be concerns if there is an increase in water abstraction from bores that has a negative effect on groundwater.

5 Recommendations

- 5.1 That the report "Tutaenui Rural Water Supply Scheme – Potential" to the Assets/Infrastructure Committee meeting on 11 June 2015 be received.
- 5.2 That the amount of water that could be supplied from the existing Marton water supply be confirmed.
- 5.3 That there is further investigation into additional water supplies and the possibility of increasing the storage volume of the current dams.
- 5.4 That the areas able to be irrigated or supplied with stockwater be confirmed.
- 5.5 That the options for the size and location of a potential scheme be determined.
- 5.6 That the economic benefits and costs of a potential stock-watering scheme be identified.

Hamish Waugh
General Manager Infrastructure

Attachment 4



MEMORANDUM

TO: Assets/Infrastructure Committee

FROM: Reuben Pokiha, Roding Operations Manager.

DATE: 3 June 2015

SUBJECT: Effects on the roading network from the Bonny Glen landfill

FILE: 2-LP-5-RM140009

1 Introduction

- 1.1 This memorandum provides comments regarding the following question which has been asked of the roading team.

Are the numerous truckloads of waste being carried to the Bonny Glen landfill having a detrimental effect to the roading network?

2 Comment

- 2.1 The main routes that are being used to transport material to the landfill are not showing evidence of pavement failure. This information has been gathered and supported by the regular maintenance inspection regime. The affected roads are classified as 'Primary Collector Roads', and are inspected on a fortnightly basis.
- 2.2 The number of truck movements per day was provided as part of the Bonny Glen resource consent application. This information shows an average of 42 vehicle movements per day (currently), increasing to 73 vehicle movements per day in the future. These figures for existing truck movements were verified through conversations between the Roding Operations Manager and Wiremu Greening, a Manawatu District Council staff member, who previously managed a company that transported the majority of the material to Bonny Glen. The information provided by Mr Greening verified the information provided in the consent application.

Entrance

- 2.3 A good indication of whether vehicles are having a detrimental effect on the roading network is at the entrance to the site, which has to withstand considerable stresses from truck turning movements. The current surface is a two coat chip seal which was laid in 2006. It is not showing signs of pavement failure, although visible surface tracking is being noticed, especially during the hot summer months.
- 2.4 An agreement has been reached with Midwest Disposals Limited that the intersection will be paved with deep lift asphalt. I consider that the asphalt will be able to cope with the proposed increased number of truck movements and stresses associated with turning vehicles.

- 2.5 In addition, Midwest Disposals Limited will fund the construction of a dedicated right turn lane and increasing the width of the turning areas by widening the access between Wanganui Road and the railway crossing.
- 2.6 These alterations to the entranceway will be funded by Midwest Disposals Limited.

Main routes

- 2.7 Wanganui Road – from the intersection with Pukepapa Road to the 80km/h signs to 190 metres north of Shelton Place is programmed for rehabilitation during the 2015/16 year. This rehabilitation work has been programmed for the last two years. The rehabilitation will cover the full width of the road.
- 2.8 The trucks being transported to the landfill are required to be within the class one weight limit of 44 tonnes, while the trucks returning from the landfill will be empty. Therefore, if the trucks going to the landfill were exacerbating damage to the roading network it would be expected that the side of the road heading out of Marton should have a greater number of faults.
- 2.9 In reality, the side of the road heading towards Marton is showing a greater number of faults than the side of the road heading out of Marton towards the Bonny Glen landfill. Therefore, it could be interpreted that the trucks heading to the landfill on that section of road are not a major cause of pavement degradation and that there are other vehicle movements – heavy loads heading towards Marton which are creating greater effects on the roading network.
- 2.10 The other main routes used are:
- Makirikiri Rd, Pukepapa Rd, Wanganui Rd.
 - SH1, Pukepapa Rd, Wanganui Rd.
 - Wanganui Road from Turakina.
- 2.11 There is a robust monitoring and inspection regime in place for these roads. None of these sections are currently showing any major signs of pavement failure and very little maintenance money has been spent on them for a number of years.
- 2.12 The intersection of Makirikiri Road and Pukepapa Road had hot mix laid three years ago mainly to stop chip rollover and is normal practice for major intersections. There are a large number of heavy trucks which use this intersection, therefore, the damage to this intersection cannot be solely attributed to the trucks going to Bonny Glen.

3 Conclusion

- 3.1 Overall, there is no evidence that the trucks travelling to the Bonny Glen landfill are having a detrimental effect on the roading network due to the following reasons:
- There is a robust inspection regime in place.
 - The regularly used routes are not showing an increased signs of pavement failure compared with other roads in the District.

- 3.2 Midwest Disposals Limited is undertaking upgrades to the entrance of the landfill to increase safety and ensure that the pavement can handle increased vehicle movements.
- 3.3 It is recognised that the number of daily loads to the landfill will increase considerably over the next ten years or so, thus ongoing inspections will identify when maintenance or rehabilitation of the pavement should be planned for.

4 Recommendation

- 4.1 That the memorandum 'Effects on the roading network from the Bonny Glen landfill' be received.

Reuben Pokiha
Roading Operations Manager

Attachment 5

REPORT

SUBJECT: **Consent Compliance – Jul 2014 to May 2015**

TO: Assets/Infrastructure Committee

FROM: David Rei Miller, Asset Engineer - Utilities

DATE: 29 May 2015

FILE: 3-CT-13-4

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 Kirwan (water supply) and Robert Rose (wastewater), compliance monitoring officers at Horizons, as well as formal reports from them.
- 1.2 Implementation of Water Outlook is proceeding well, and reports that have already been set up are providing good visibility about compliance with consents for water abstraction in particular. We're working with Horizons on sending live data to them, and at the moment we're waiting to receive information back from them to enable this transfer to be set up.
- 1.3 Andrew van Bussel and myself have met with Horizons over requirements for flow meter verifications. Our proposed timeline for verifying each meter concerned has been accepted by Tracey Kirwan for water abstraction. Discussions will continue with Robert Rose for wastewater now that he has returned from leave. Flow meters for water abstraction are more critical as there are legislative regulations that are applicable.
- 1.4 Joanna Saywell and Andrew van Bussel have met with Horizons on several occasions to update them 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	Non-compliant	Information on inflows from the dam need to be provided to Horizons by 30 June 2015.	Provide data to Horizons.
Taihape	Compliant		Horizons have accepted proposal to discharge excess water take back to Hautapu Stream. Construction planned before summer 2015-2016. Winter flows have been within limits.
Bulls	Compliant		Some additional information to be provided to Horizons on bore depths. New metering to be installed.
Mangaweka	Non-compliant for abstraction rate	Water Outlook reports identified exceedances of daily totals within the reporting period.	Flow limiter will be repaired. Consumption also being investigated at several locations in town. In addition, the setup of the meter is being reviewed to confirm accuracy of data.
Ratana	Not assessed	Abstraction rate monitoring not in place at existing bore.	Consent to use new bore for production has been acquired; flow monitoring will be installed as part of work required on the new bore, treatment plant and reservoir.
Erewhon Rural	Compliant	One of the two outstanding weir gaugings has been completed, and results accepted by Horizons, along with the additional information required on previous gaugings.	Taihape Plumbing has been engaged to carry out the final weir gauging and will do so once the river is at the specified level. This may not be until summer. Horizons have been informed of this and are satisfied with the timing.
Hunternville Rural	Compliant		

Scheme	Compliance	Comments	Actions
Omatane Rural	Non-compliant	Non-compliance for abstraction at Omatane 3-11 Dec 2014 due to leak which has now been repaired. No other non-compliances within reporting period.	No further action required.

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
Marton	Non-compliant	Ammoniacal nitrogen and short-circuiting. Leachate from Bonny Glen potentially very high in ammonia.	Continue investigations into resolving leachate issue and upgrading plant. Continue discussions with Horizons. Assessment of Environmental Effects being prepared for Marton.
Taihape	Non-compliant	Non-compliant for flow. Issues with Inflow & Infiltration (I&I). Potentially non-compliant for <i>E. coli</i> and suspended solids.	Upgrade works have been proposed and costed at \$450,000. This work is planned for 2015-2016, and has been included in the Draft 2015-2025 Long Term Plan. Work to reduce incoming flows by addressing I&I issues has also been programmed and budgeted. Continue discussions with Horizons.
Bulls	Consent expired		Consent application has been lodged with Horizons. Discussions with neighbour continuing around irrigation on their property, and with iwi on potential wetland design.
Mangaweka	Compliant		

Scheme	Compliance	Comments	Actions
Huntermville	Non-compliant	Non-compliant for flow gauging. There are also issues with frequency of emergency discharges.	Hydrologist Mary-Anne Watson in negotiations with Horizons over design of gauging site. I&I work underway to reduce flows to WWTP. Upgrade to enable treatment during high flows being investigated. Horizons is being kept informed of timeline to remedy emergency discharge issues, which has been budgeted for in the Draft Long Term Plan. Continue discussions with Horizons.
Ratana	Compliant	Proposed Waipu Trust subdivision will impact WWTP.	WWTP will be upgraded to improve effluent quality and cater for growth. Report received from Opus. Funding application made to Ministry for the Environment Te Mana O Te Wai fund.
Koitiata	Non-compliant	Irrigation field undersized. Inflow meter required.	Estimate for work to address effluent disposal issues is \$250,000. Koitiata Wastewater Reference Group has been formed and had first meeting with ultimate aim of deciding on a sustainable wastewater solution for the community. Inflow meter installation in progress.

4 Recommendation

- 4.1 That the report 'Consent Compliance – Jul 2014 to May 2015' to the Assets/Infrastructure Committee meeting on 11 June 2015 be received.

David Rei Miller
Asset Engineer - Utilities