

Rangitikei District Council Telephone: 06 327-0099 Facsimile: 06 327-6970

Assets/Infrastructure Committee Meeting

Order Paper

Thursday, 13 August 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 13 August 2015 – 9:30 a.m.

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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 dela6ed until a subsequent meeting,be dealt with as a late item at this meeting.

5 Confirmation of minutes

That the Minutes of the Assets/Infrastructure Committee meeting held on 9 July 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

Recommendation

That the Chair's report to the Assets/Infrastructure Committee's meeting of 13 August 2015 be received.

7 Discussion with representatives of Powerco Limited

Representatives from Powerco will be in attendance from 10.30 am. At its 28 May 2015 meeting the Council resolved to invite representatives of Powerco Limited to meet with Elected Members and key staff during a meeting of the Assets/Infrastructure Committee.

8 Queries raised at previous meeting

Frae-Ona Park – stormwater discharge

The pipework has been modified so that the discharge is to Frae-Ona Pond except for high rainfall events

9 Activity management templates

The non-financial reporting templates for July 2015, covering the following groups of activities (and including Request for Service details) will be tabled:

• Roading and Footpaths

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

File ref: 5-EX-4

Recommendation

That the activity management templates for Roading and footpaths, Water, Sewage and the treatment and disposal of sewerage, Stormwater drainage, Community and leisure assets, and Rubbish and recycling for July 2015, be received.

10 Resource consent compliance – update

A report is attached.

File ref: 5-EX-4

Recommendation

That the report 'Resource consent compliance – update' to the Assets/Infrastructure Committee meeting 13 August 2015 be received.

11 Flood event roading report – July 2015

A report is attached.

File ref: 6-RT-5-18

Recommendation

That the report 'Flood event roading report – July 2015' be received.

12 Impact of Heavy Vehicles on Local Roads

A memorandum is attached.

File ref: 3-PY-1-11

Recommendations

- 1. That the memorandum 'Impact of heavy Vehicles on Local Roads' be received.
- 2. That the Assets/Infrastructure Committee considers it would be premature to implement a different rate before the outcomes of the Heavy Vehicles on Low Volume Roads report is released.

13 Renewal of Marton wastewater treatment plant – overall plan

A report is attached.

File ref: 6-WW-1-4

Recommendations

- 1. That the report 'Proposed Improvements to Marton Wastewater Treatment Plant' be received.
- 2. That the Assets/Infrastructure Committee endorses the proposed approach for the ongoing acceptance, management and treatment of leachate from Bonny Glenn landfill, and the general scope of the proposed programme for the improvement works at the Marton Wastewater Treatment Plant, including obtaining the necessary new resource consents for the continued operation of the Plant.
- 3. That the Assets/Infrastructure Committee notes that final details for any major upgrade works at the Marton Wastewater Treatment Plant will be subject to independent review by an appropriately qualified person or persons approved by the Chief Executive, and that those works are approved by the Council prior to their commencement.
- 4. That the Assets/Infrastructure Committee endorses the establishment of a focus group made up of community representatives to provide oversight and guidance on the Marton Wastewater Treatment Plant upgrade, including the obtaining of a new resource consent for the continued operation of the plant, and that final membership of the focus group and its roles/responsibilities be determined by Council.
- 5. That the proposed approach for addressing compliance issues and the general scope of the upgrade of the Marton Wastewater Treatment Plant be referred to the Horizons Regional Council for comment prior to Council confirming any upgrade programme.
- 6. That the Assets/Infrastructure Committee continue to receive regular progress reports on compliance matters and any upgrade programme approved for the Marton Wastewater Treatment Plant.

14 Recommendation to award Tender for Contract C990 Area Wide Sewer Renewals – Sliplining 2015/16 to Pipe Technologies Ltd

A report is attached.

File ref: 5-CM-1: C 990

Recommendations

1 That the report 'Acceptance of Tender for Contract C990 Area Wide Sewer Renewals – Sliplining 2015/16' be received.

- 2 That the Assets/Infrastructure Committee recommends that Council award Contract C990 to Pipe Technologies Limited for the sum of six hundred and seventy thousand, one hundred and fifty three dollars and forty two cents, \$670,253.42, including \$100,000 contingency (excluding GST).
- 3 That, if awarded, contract C990 include the right to extend the contract for a further one year period for the next two years, subject to the tender rates being held at the tendered amounts and the availability of budget (to be confirmed through Council's annual planning processes).

15 Investigation into water source(s) for irrigating the playing surfaces of Taihape Memorial Park

A verbal update will be provided to the meeting.

File ref: 6-RF-1-12

Recommendation

That the verbal update 'Investigation into water source(s) for irrigating the playing surfaces of Taihape Memorial Park' be received.

16 CBD cleaning contract – further consideration

A memorandum is attached.

File ref: 5-CM-1

Recommendation

- 1. That the memorandum 'Contracts for CBD cleaning further consideration' be received.
- That Council includes within Contract 991 Ratana parks and town maintenance the CBD cleaning (rubbish bins) at Turakina, at \$4,784.00 (plus GST) per annum for three years from 17 August 2015 (or the agreed commencement date of that contract).
- 3. That Council awards the following contracts:

Contract 994 – CBD Cleaning Taihape and Hunterville – to O'Connor Contracting, at \$57,938.00 (plus GST) per annum, for three years from 17 August 2015;

Contract 995 – CBD Cleaning Marton – to Rangitikei Enterprises, at \$51,220.80 per annum, for three years from 17 August 2015; and

Contract 996 – CBD Cleaning Bulls – to Andrew Morriss Concrete Ltd, \$48,139.20 per annum, for three years from 17 August 2015.

17 Late items

18 Future items for the agenda

19 Next meeting

Thursday 10 September 2015, 9.30am

20 Meeting closed

Attachment 1



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Rangitikei District Council

Assets and Infrastructure Committee Meeting

Minutes – Thursday 9 July 2015 – 9:35 a.m.

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1 Welcome

The Chair welcomed everyone to the meeting.

2 Council prayer

The Chair, Councillor Jones, read the Council prayer.

3 Apologies/Leave of absence

That the apologies from Councillor Harris and Gordon for lateness and Councillor McManaway for absence be received.

Cr Peke-Mason / Cr Sheridan. Carried

4 Confirmation of order of business

The Chair advised that item 10 would be considered in conjunction with item 8.

5 Confirmation of Minutes

Resolved minute number 15/AIN/043 File Ref

That the Minutes of the Assets/Infrastructure Committee meeting held on 11 June 2015 be taken as read and verified as an accurate and correct record of the meeting.

Cr Belsham / Cr Rainey. Carried

6 Chair's report

The Chair advised that he did not have anything to report this month.

7 Marton Swim Centre – 2014/15 Season Update

Councillor Gordon entered the meeting at 9.33am

Representing Nicholls Swim Academy, Mr Trevor Nicholls gave an update on the 2014/15 season. Patronage from out of town was up 30% and the Academy was already fielding enquiries for January 2016.

Cr Harris entered the meeting at 9.42am

The main points covered in the update and subsequent questions were:

• The dive well had deteriorated, had major leaks and had been fenced off.

- The loss of funding from Water Safety New Zealand (through Sport Whanganui) had led to schools choosing to undertake coaching themselves, booking lanes at the Pool to do this. This was not an ideal outcome as teachers were not trained to coach and (because of regulations) were not able to be in the pool with the students. Council's decision to waive entry fees for children having lessons would help rectify this.
- Future development for the Aquatic Centre included
 - creating a development squad (sponsored by the Academy) the Academy would approach primary schools to enlist representative swimmers and transport those swimmers to the Marton Pool once a week to further their training.
 - triathlete training, which was open to all ages, and to continue with the special needs learn to swim. Last year the Academy received good feedback on the special needs learn to swim programme.
 - a 10 week swimming programme for 40 pre-schoolers (funded by an external sponsor). Expression of interest would be sought throughout the district and the first 40 would be selected for the lessons.
 - installation of a splash pad in the grassed area where the dive well existed (funded from the community). A splash pad was an area of water which did not need pool attendance and would be monitored by parents. Drawings of the new facility would be made available to Elected Members in due course.

Resolved minute number

15/AIN/044 File Ref

6-RF-2-2

That the report 'Marton Swim Centre – 2014/15 Season Update' and the operational report from Nicholls Swim Academy be received.

Cr Sheridan / Cr Gordon. Carried

8 Activity management templates

Mr Waugh, Mr Pokiha, Ms Saywell, Mr Young, Mr van Bussel and Ms Prince spoke to the tabled non-financial reporting templates for June 2015, covering the following groups of activities (and including Request for Service details):

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

Cr Harris left the meeting at 10.10am/10.11am

Mr Pokiha informed the Committee about the work being undertaken to address the impacts of 19-21 June 2015 rain event on the District's roading network. Staff and contractors worked from dawn to dusk from Saturday through to Monday to clear roads.

The change of contractors from 1 July 2015 overall worked smoothly: twelve employees had transferred from Downers to Higgins, six or seven were sub-contracted and others were looking to transfer to Downers operations in Wanganui, Central Hawkes Bay or Taumarunui.

There were nine areas on the network that had been affected by slips, blocked culverts and fallen trees. This was an ongoing challenge to clear. Two roads had been closed being Mount Curl and the Te Houhou Bridge.

The New Zealand Transport Agency had approved an initial grant of \$500,000 in recognition there were substantial costs in the remedial work on the network. Mr Pokiha estimated that the emergency works Funding Assistance Rate (FAR) for 2014/15 would be around 82%. Different rules for the FAR applied from 1 July 2015.

Mr Mestyanek, who is responsible for bridges in Rangitikei and Manawatu, noted that structural damage to Te Houhou Bridge was the first urgent issue: a Bailey bridge had been installed as a temporary solution – it could cope with full class 1 loading which was required for milk tankers.

Cr Peke-Mason left the meeting at 10.32am/10.34am

Cr Harris left the meeting at 10.44am/10.49am

Resolved minute number

That the activity management templates for Roading and footpaths, Water, Sewage and the treatment and disposal of sewerage, Stormwater drainage, Community and leisure assets, and Rubbish and recycling for June 2015 be received.

File Ref

15/AIN/045

Cr Belsham / Cr Gordon. Carried

5-EX-4

9 Resource consent compliance – update

Ms Saywell spoke briefly to the tabled report.

Resolved minute number 15/AIN/046

N/046 File Ref

3-CT-13-4

That the report 'Resource consent compliance – update' to the Assets/Infrastructure Committee meeting on 9 July 2015 be received.

Cr Peke-Mason / Cr Harris. Carried

10 Update on work to address impacts of 20-21 June 2015 on the District's roading network

This was covered in item 8.

11 Additional roading proposals

At its meeting on 11 June 2015, the Committee resolved that staff present options/projects to the Committee's July meeting for consideration in terms of utilising the savings to be realised through the new road maintenance contract. The impact of the heavy rain during 20-21 June 2015 on the District's roading network meant that this analysis had been postponed. It was intended that it be presented to the Committee's September meeting.

12 Giving effect to decisions in the adopted 2015/25 Long Term Plan for community housing

Ms Prince spoke briefly to the report. His Worship the Mayor wondered whether surplus buildings at Taihape Hospital might be suitable for community housing in Taihape. Clarification was given to Committee members that the recommendations were for investigations: any proposed financial commitments would be come through a report to the Committee.

Resolved minute number	15/AIN/047	' File Ref	6-CF-1-14
That the report 'Giving effect to	decisions in	the adopted 2015/25	Long Term Plan for
community housing' is received.	~		
		Cr Harris ,	/ Cr Belsham. Carried

Resolved minute number 15/AIN/048 File Ref 6-CF-1-14

That the initial focus for maintenance, refurbishment and upgrades for Council's community housing is on the Huia Street (Taihape) and Wellington Road (Marton) complexes.

Cr Gordon / Cr Rainey. Carried

Resolved minute number

15/AIN/049 File Ref

6-CF-1-14

That expressions of interest are sought for the ownership/management of Council's community housing, allowing for both a whole-of-District approach as well as individual towns.

Cr Rainey / Cr Peke-Mason. Carried

Resolved minute number 15/AIN/050 File Ref 6-CF-1-14

That Council officers engage with the Whanganui District Health Board to see if there is any opportunity to discuss using the Board's surplus facilities for community housing.

His Worship the Mayor / Cr Harris. Carried

An undertaking was given to inform all residents in Council's community housing about these decisions.

13 Parks Upgrades Partnership Fund

Mr Hodder spoke briefly to the report. His Worship the Mayor noted that this form of funding did not preclude direct funding by Council.

Resolved minute number 15/AIN/051 File Ref 1-AS-1-1

That the report on "Scheme for community-led park upgrades" be received.

HWTM / Cr Harris. Carried

Resolved minute number

15/AIN/052 File Ref

1-AS-1-1

That the Assets/Infrastructure Committee approves the process for allocating funding for small-scale, community-led capital projects as outlined in the report "Scheme for community-led park upgrades".

Cr Sheridan / Cr Gordon. Carried

Undertaking

Subject

Allocating funding for small-scale, community-led capital projects

An undertaking was given to contact those individuals/groups who had made submissions to "What's the Plan Rangitikei...?" so that they knew about the process, and also to advise the Community Committees and Community Boards at their next scheduled meetings.

14 Frae-Ona Park – stormwater discharge

Committee members were uncertain that the issue had been completely understood – i.e. that the pond waters were refreshed during the drier months rather than having storm water being discharged directly into the Tutaenui Stream

Resolved minute number 15/AIN/053 File Ref 6-RF-1-7

That the report on "Scheme for community-led park upgrades" be received.

His Worship the Mayor / Cr Harris. Carried

Mr van Bussel undertook to investigate the matter with a view to finding a low-cost solution.

15 Water Mains Options Investigation for Dixon Way/Mangaone Valley Road, Taihape

Ms Saywell spoke to the report.

The Committee sought clarification why Council was considering upsizing the reticulation in Otaihape Road, Dixon Way and Mangaone Valley Road, how the affected sections were zoned in the District Plan, and legal requirements over fire-fighting capacity. Mr Waugh noted that the current feeder pipe was near the end of its useful life and there was the opportunity to bring these areas within the Taihape urban reticulation scheme. The budget for this had been included within the projections summarised in the Long Term Plan.

Since a decision to design and construct an upsized reticulation would require a Council resolution, deferring the matter to that meeting would enable further information to be obtained.

Resolved minute number 15/AIN/054 File Ref 6-WS-3-6

That the report on Water Mains Options Investigation for Dixon Way/Mangaone Valley Road, Taihape be received.

Cr Jones / Cr Rainey. Carried

Resolved minute number

(i)

15/AIN/055 File Ref

6-WS-3-6

That the following recommendations be deferred to the next scheduled Council meeting:

- That the Council approves the project to design and construction to upsize the reticulation in Otaihape Valley Road, Dixon Way and Mangaone Valley Road to address low pressure and flow issues, with an allowance for fire flows, for an estimated overall sum of \$315,650 + GST.
- (ii) That \$100,000 be brought forward from Year 2 of the 2015-25 Long Term Plan into Year 1 and that the water renewals budget in Year 1 of the Long Term Plan (2015/16) be increased by \$120,000 to allow the works to be completed in the 2015/16 financial year.

Cr Jones / Cr Gordon. Carried

16 Late items

Nil

17 Future items for the agenda

Nil

18 Next meeting

Thursday 13 August 2015, 9.30 am

19 Meeting closed -12.06pm

Confirmed/Chair: Date:

Attachment 2

ROADING AND FOOTPATHS GROUP OF ACTIVITIES 2015/16

OADING AND FOOTPATHS GROUP OF ACTIVITIES 2015/16 Aug-15					
Performance measures in LTP/Annual Plan					
What are they:	Targets	Progress to Date			
Road Condition: The average quality of ride on a sealed local road network measured by smooth travel exposure	96.5% The most recent measurement was in June 2014. The mean rating for the sampled District's roads was 98%. This is the percentage of the road distance travelled in the sample which met the specified service level	Annual measurement taken in June each year			
Road Maintenance:	8%	Will report quarterly			
The percentage of the sealed road network that is resurfaced	During 2014/15, 61.84 km of road resealing and 6.91 km of road rehabilitation was completed. This is 8.6% of the sealed network.				
The percentage of the unsealed road network which is remetalled during the year	At least 75% of network remetalled each year– 12,000m ³	Will report quarterly			
Footpaths: The percentage of footpaths within the District that fall within the level of service or service standard for the condition of footpaths that is set out in the Council's relevant document (such as its annual plan, activity management plan, asset management plan, annual works programme or long term plan) Note: A five point grading system to rate footpath condition based on visual inspections 1) Excellent 2) Good 3) Fair 4) Poor 5) Very Poor	At least 80% of footpath lengths in CBD areas in Bulls, Marton, Hunterville and Taihape are at grade 3 or higher At least 65% of sampled footpaths lengths outside CBD areas are at grade 3 or higher At least 90% of sampled footpaths assessed at grade 5 are included in upgrade programme during the following two years.	Will report quarterly			
Road Safety The change from the previous financial year in the number of fatalities and serious injury crashes on the local road network expressed as a number	No change or a reduction from previous year During 1 July 2014 and 30 March 2015, there were 3 fatalities and 12 serious injury accidents.	Nil fatal crashes			

Adequacy of provision and maintenance of footpaths, street	A greater proportion (than	in the benchmark) or more	Annual survey due in Mar	ch 2016	
lighting and local roads (annual survey)	than 10% of the sample be	lieve that Council's service			
	is getting better				
	2014/15				
	13% believed it was better	than last year, 65% about			
	the same, 21% worse than	last year (2% didn't know).			
		1 1		L	
Response to service requests	95% after-hours callouts r	esponded to within 12	to on time)		
I he percentage of customer service requests relating to	nours	a hours recoorded to	Number of collouts ofter hours $= 9/(100\%)$ reported		
roads and rootpaths to which the territorial authority	95% callouts during workin	ig nours, responded to	to on time)		
responds within the time frame specified in the long-term	Within 6 hours	l (i.a. pompleted) within	Number of potholes = $10 (100\% responded to on)$		
pian.	85% of all callouts resolved	i (i.e. completed) within	time)		
	one month of the request.		uncy		
	specific reference to callot	its relating to potholes			
	During 2014/15, 91% of footpath and road requests				
	were responded to within time (256 requests) and				
	90% of footnath and road	requests were resolved in			
	time	requests were resolved in			
	une.				
Requests for Service	1				
What are they:	Completed on time	Completed late	Current	Overdue	
Culverts/Drainage					
Maintenance (culverts/drainage)	4	0	0	0	
Road Signs					
Maintenance (road signs)	5	0	1	0	
Roads					
Maintenance (roads - potholes only)	10	0	0	0	
Maintenance (roads)	25	1	0		
Bridges					
Maintenance (Bridges)	1	0	0	0	
Roadside Vegetation/Trees					
Maintenance (roadside vegetation/trees)	2	0	0	0	
Footpaths		2	·····		
Maintenance (footpaths)	5	0	0	0	
Street Lighting					
Maintenance (street lighting)	7	1	0	0	

Route Position Length Budget 2014/15 \$ 1,957,711 \$ 316,193 \$ 2,923,515 \$ 246,079 \$ 110,000 \$ 106,000	Status To be started early 2016 cumulative to 30/06/2015 \$ 2,576,809 \$ 474,241 \$ 1,861,174 \$ 183,150	Start date Budget 2015/16	cumulative to
Budget 2014/15 \$ 1,957,711 \$ 316,193 \$ 2,923,515 \$ 246,079 \$ 110,000 \$ 106,000	To be started early 2016 cumulative to 30/06/2015 \$ 2,576,809 \$ 474,241 \$ 1,861,174 \$ 183,150	Budget 2015/16	cumulative to
Budget 2014/15 \$ 1,957,711 \$ 316,193 \$ 2,923,515 \$ 246,079 \$ 110,000 \$ 106,000	cumulative to 30/06/2015 \$ 2,576,809 \$ 474,241 \$ 1,861,174 \$ 183,150	Budget 2015/16	cumulative to
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\$ 246,079 \$ 110,000 \$ 106,000	\$ 183,150	\$ 2,874,000	
\$ 110,000 \$ 106,000		\$ 252,000	
\$ 106,000	\$ 107,650	\$ 220,000	
4	\$ 123,745	\$ 85,000	
1.5 333,502	\$ 294,336	\$ 341.000	
\$ 5,993,000	\$ 5.621.105	\$ 6.097.000	
Design/ Scoping	Tender/Contract docs	Under construction	Complete
			a production of the second
		Station Contraction	
Design/ Scoping	Tender/Contract docs	Under construction	Complete
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Design/ Scoping	Tender/Contract docs	Under construction	Complete
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Design/ Scoping	Tender/Contract docs	Under construction	Complete
The bridge is now cou	mplete apart from the deck	Some tidving up of the site	still to be complete
The offical opening of input for the opening	f the bridge planned for 2.0)Opm on Friday August 8. RD	C has had considera
Work to continue wir Work also underway numerous dropouts.	th the cleaning up of the ne to design and construct the	etwork and getting back to a e many structures required a	functional condition is a result of the
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and the second second		A Service	The set and and
	Design/ Scoping Design/ Scoping Design/ Scoping Design/ Scoping Design/ Scoping The bridge is now cor The offical opening o input for the opening o input for the opening work to continue wi Work also underway numerous dropouts.	Design/ Scoping Tender/Contract docs Work to continue with the cleaning up of the numerous dropouts. Work also underway to design and construct the numerous dropouts.	Design/ Scoping Tender/Contract docs Under construction Work to continue with the cleaning up of the network and getting back to a Work also underway to design and construct the many structures required a numerous dropouts. Under construction also underway to design and construct the many structures required a numerous dropouts.

DING AND OF ACTIVITIE

A 1 E

WATER SUPPLY GROUP OF ACTI	VITIES 2015/16		Jul-15	
erformance measures in LTP/Annual Plan				
What are they:	Targets	Progress to date		
Safety of Drinking Water The extent to which the local authority's drinking water supply complies with: (a) part 4 of the drinking-water standards (bacteria compliance criteria), and	No incidents of non-compliance	Achieved		
(b) part 5 of the drinking-water standards (protozoal compliance criteria).	No incidents of non-compliance	No incidents of non-compliance and work completed to secure bores, but s Drinking water Assessor that all bores have secure status	still awaiting confirmation from	
Compliance with resource consents	No more than two incidents of non-compliance with resource consents	Achieved		
Number of unplanned water supply disruptions affecting multiple properties	Fewer unplanned water supply disruptions affecting multiple properties than in the previous year (there were two unplanned water interruption during 2014/15 and 11 properties were affected)	None		
Maintenance of the Reticulation Network: The percentage of real water loss from the local authority's networked reticulation system (including a description of the methodology used to calculate this).	Using a sampling approach, Water Outlook enables SCADA information to be interrogated in-house. The target is less than 40%	Based on data for this month, real water loss is estimated to be 16%. Data and Marton.	still needs to be included for Taihape	
Demand Management The average consumption of drinking water per day per resident within the territorial authority district.	600 litres per person per day	Based on data for this month, consumption is estimated to be 544 litres pe included for Taihape and Marton in Water Outlook.	r person per day. Data still needs to be	
Fault Response Times Where the local authority attends a call-out in response to a fault or unplanned interruption to its networked reticulation system, the following median response times measured: (a) attendance for urgent call-outs: from the time that the local authority receives notification to the time that service personnel reach the site, and	Specified standard: 0.5 hours Target is less than the previous year During 2014/15, there were 27 notifications of urgent callouts. Of these, 24 were responded to in time.	Since the request for service system does not calculate the actual times tak The benchmark used is the prescribed service standard It is expected that median times during 2015/16	en, a median cannot be determined. the system will allow calculation of	
(b) resolution of urgent call-outs: from the time that the local authority receives notification to the time that service personnel confirm resolution of the fault or interruption.	Specified standard: 24 hours Target is less than the previous year During 2014/15, there were 27 notifications of urgent callouts. Of these, 21 were resolved in time.	Since the request for service system does not calculate the actual times tak The benchmark used is the prescribed service standard It is expected that median times during 2015/16	ken, a median cannot be determined. the system will allow calculation of	
(c) attendance for non-urgent call-outs: from the time that the local authority receives notification to the time that service personnel reach the site, and	Specified standard: 24 hours Target is less than theprevious year During 2014/15, there were 382 notifications of non urgent callouts. Of these, 346 were responded to in time.	Since the request for service system does not calculate the actual times tak The benchmark used is the prescribed service standard It is expected that median times during 2015/16 Page 22	en, a median cannot be determined. the system will allow calculation of	

(d) resolution of non-urgent call-outs: from the	Specified standard: 96 hours	Since the request for service system does not calculate the actual times taken, a median cannot be determined.
time that the local authority receives notification	Target is less than theprevious year	The benchmark used is the prescribed service standard It is expected that the system will allow calculation of
to the time that service personnel confirm		median times during 2015/16
resolution of the fault or interruption.	During 2014/15, there were 382 notifications of non	
	urgent callouts. Of these, 342 were resolved in	
	time.	
Customer Satisfaction	Total number of complaints is less than 45/1000	The request for service system currently does not show all complaints for any one incident so there is potential
The total number of complaints received by the		under-reporting.
local authority about any of the following:		
(a) drinking water clarity		
(b) drinking water taste	Total number of complaints is less than 45/1000	The request for service system currently does not show all complaints for any one incident so there is potential
		under-reporting.
(c) drinking water pressure or flow	Total number of complaints is less than 45/1000	The request for service system currently does not show all complaints for any one incident so there is potential
		under-reporting.
(d) continuity of supply, and	Total number of complaints is less than 45/1000	The request for service system currently does not show all complaints for any one incident so there is potential
		under-reporting.
(e) the local authority's response to any of these	Total number of complaints is less than 45/1000	The request for service system currently does not show all complaints for any one incident so there is potential
issues expressed per 1000 connections to the		under-reporting.
local authority's networked reticulation system.		
Ensure fire-fighting capacity in urban areas	98% of checked fire hydrant installations are in	Programme of hydrant checks underway.
through random flow checks at the different	compliance	
supplies		

What are they: Rural water supplies	Targets	Progress to date		
Compliance with resource consents	No incidents of non-compliance with resource consents	Achieved		
The percentage of real water loss from the	A sampling approach will be used. Water Outlook	No formal assessment has yet been u	ndertaken of water loss in the rural (non-potable) schemes: the benchmark
Council's rural water schemes	enables SCADA information to be interrogated in-	adopted is that used for urban (potable) water supplies.		
	house.			
	The target is less than 40%			
Where the Council attends a call-out in response	Specified standard:	Since the request for service system of	loes not calculate the actual times ta	ken, a median cannot be determined.
to a fault or unplanned interruption to its rural		The benchmark used is the prescribed	d service standard It is expected that	t the system will allow calculation of
reticulation system, the following median times		median times during 2015/16. Howe	ver, given the nature of rural scheme	s, the target is to continue achieving the
are measured	a) 24 hours	benchmark.		
(a) attendance time: from the time that the Council receives notification to the time that service personnel reach the site, and				
(b) resolution time: from the time that the	b) 96 hours	Since the request for service system of	loes not calculate the actual times ta	ken, a median cannot be determined.
Council receives notification to the time that		The benchmark used is the prescribed	d service standard It is expected that	t the system will allow calculation of
service personnel confirm resolution of the fault		median times during 2015/16. Howe	ver, given the nature of rural scheme	s, the target is to continue achieving the
of interruption		benchmark.		
Requests for Service				
What are they:	Completed on time	Completed late	Current	Overdue
Water				
Bad tasting drinking water	0	0	0	0
Dirty drinking water	2	0	0	0
Location of meter/toby/other utility	2	0	0	0
Low drinking water pressure (non urgent)	0	0	0	0
No drinking water supply (urgent)	0	0	0	0
Replace toby, meter or lid	9	1	0	0
Water flooding (other than stormwater and	1	0	0	0
wastewater)				
Water leak	4	1	0	0
Water leak at meter/toby	1	10	0	0

WATER SUPPLY GROUP OF ACTI	J	Jul-15			
Vlajor programmes of work outlined in the LTP/Annual Plan 2015/16					
Projects	Design/Scoping	Tender/Contract docs	Under construction	Complete	
Disitrict Wide: WTP seismic investigation					
Bulls: bore water oxidation improvements					
Bulls: filter backwash to sewer mains					
Mangaweka: consent renewal - Rangitikei River abstraction					
Mangaweka: pressure management					
Marton: consent renewal - WTP discharge					
Marton: King Street Water Main					
Marton: Main Street Water Main (Station Road to Marumaru St)					
Marton: bridge valves and crossing maintenance					
Marton: Broadway Water Main Duplication (High St to Signal St)					
Marton: Calico Line water Pressure Pump					
Ratana; water supply upgrade - new reservoir, bore and treatment system					
Taihape: pressure management					
Other major programmes of work carried out du	ring 2015/16				
Projects	Design/ Scoping	Tender/Contract docs	Under construction	Complete	

SEWERAGE AND THE TREATMENT AND DISPOSAL OF SEWAGE GROUP OF ACTIVITIES 2015/16

Jul-15

What are they:	Targets	Progress to date
Discharge compliance Compliance with the Council's resource consents for discharge from its sewerage system measured by the number of	No abatement notices	Achieved
(a) abatement notices		
(b) infringement notices	No infringement notices	Achieved
(c) enforcement orders, and	No enforcement orders	Achieved
(d) convictions received by the Council in relation to those resource consents	No convictions	Achieved
Routine compliance monitoring of discharge consents	No single network to experience more than 4 overflows during a 12 month period.	Achieved
System and adequacy The number of dry weather sewerage overflows from the Council's sewerage system, expressed per 1000 sewerage connections to that sewerage system	Not more than one per 1,000 connections	0/1000
Fault response time Where the Council attends to sewerage overflows resulting from a blockage or other fault in the Council's sewerage system, the following median times are measured (a) attendance time: from the time that the Council receives notification to the time that service personnel reach the site, and	Specified standard: Urgent 0.5 hours Non-urgent 24 hours Target is less than the previous year During 2014/15, there were 35 faults reported during first nine months of the year. Of these, 34 were responded to in time.	Since the request for service system does not calculate the actual times taken, a median cannot be determined. The benchmark used is the prescribed service standard It is expected that the system will allow calculation of median times during 2015/16. For this measure thre will be two such median results.

(b) resolution time: from the time that the Council receives notification to the time that service personnel confirm resolution of the fault of interruption	Specified standard: Urgent 24 hours Non-urgent 96 hours Target is less than the previous year During 2014/15, there were 35 faults reported during first nine months of the year. Of these, 32 were resolved in time.	Since the request for service system does not calculate the actual times taken, a median cannot be determined. The benchmark used is the prescribed service standard It is expected that the syste allow calculation of median times during 2015/16. For this measure thre will be two such median results.		
Customer satisfaction The total number of complaints received by the	Less than 18/1000 The request for service system currently does	(a) 0/1000 (b) 0/1000 (c) 0/1000 (c	d) 0/1000	
Council about any of the following:	not show all complaints for any one incident so			
a) sewage odour	there is potential under-reporting.			
b) sewerage system faults	Benchmark figures from 2014/15 are:			
c) sewerage system blockages, and	(a) 4/1000			
d) the Council's response to issues with its	(b) 7/1000			
sewerage systems	(c) 14/1000			
expressed per 1,000 connections to the Councils	(d) 10/1000*			
sewerage system.	The total is 35/1000			
	*These are complaints about wastewater			
Requests for Service				
What are they:	Completed on time	Completed late	Current	Overdue
Waste				
Wastewater blocked drain	0	0	0	0
Wastewater leak	0	0	0	0
			1	1

SEWERAGE AND THE TREATMENT AND DISPOSAL OF SEWAGE GROUP OF ACTIVITIES 2015/16

Jul-15

Major programmes of work outlined in the LTP/Annual Plan 2015/16					
Projects	Design/ Scoping	Tender/Contract docs	Under construction	Complete	
Bulls: Domain WWPS Control Upgrade High St Sewer Main (127 to 141)					
Hunterville: Ongo Rd Sewer Main Renewals					
Koitiata: Wastewater Scheme Extension					
Marton: Broadway Sewer Main Renewal					
Marton: Inlet tank					
Marton: New anaerobic pond					
Marton: Review the Trade Waste agreement with MidWest Disposal Ltd (Bonny Glen landfill waste stream)					
Taihape: Mataroa Rd Sewer Main Renewal					
Hunterville: WWTP Upgrade – new clarifier					
Ratana: WWTP Upgrade – land application scheme					
Taihape: WWTP Upgrade – replacement clarifier					
Other major programmes of work carried out during 2015/16					
Projects	Design/ Scoping	Tender/Contract docs	Under construction	Complete	
		1			

STORMWATER GR	OUP OF ACTIVITIES 20	15/16		Jul-15
Performance measures in LTP/Annual Plan				
What are they:	Targets	Progress to date		
Discharge compliance	Council currently has no	Achieved		
Compliance with the Council's resource consents	resource consents for			
for discharge from its stormwater system	stormwater discharges Horizons			
measured by the number of	Regional Council has indicated			
(a) abatement notices	that resource consents may be			
(b) infringement notices	required in the future, but the			
(c) enforcement orders, and	timeline for this has yet to be			
(d) convictions	confirmed.			
received by the Council in relation to those	When this occurs the anticipated			
resource consents	benchmark will be no abatement			
	or infringement notices, no			
System adequacy	Less than 1/1000	(a) 0/1000, (b) 0/1000		
a) The number of flooding events that occurred				
in the District	a) During 20-21 June 2015, as a			
b) For each flooding event, the number of	result of extreme rainfall, there			
habitable floors affected (expressed per 1,000	was a flooding event which			
properties connected to the Council's	affected properties in			
stormwater system)	Hunterville, Marton, Whangaehu			
Note: This is a District-wide assessment	and Koitiata. However,			
The rules for the mandatory measures define a	Whangaehu and Koitiata are not			
'flooding event' as an overflow from a territorial	connected to the Council's			
authority's stormwater system that enters a	stormwater system.			
habitable floor	b) During this event, 4/1000			
	habitable floors were affected.			
	There were 16 habitable floors			
	affected (includes two blocks at			
	Marton School, Adobe Motel			
Customer satisfaction	Less than 15/1000	0.2/1000	····· ····	
The number of complaints received by the	The request for service system	,		
Council about the performance of its stormwater	does not show all complaints for			
system, expressed per 1.000 properties	any one incident, so there is			
connected to the Council's stormwater system.	notential under-reporting.			
	potentier enter reporting.			
	Outcome for 2014/15: 62/1000			
Response time:	1 hour			
The median response time to attend a flooding	There are very few such events.			
event, measured from the time that the Council	so the target set is identical with			
receives notification to the time that service	the benchmark			
personnel reach the site.				
	1			
Requests for Service				
What are they:	Completed on time	Completed late	Current	Overdue
Stormwater				
Stormwater blocked drain (non urgent)	1	0	0	0
Stormwater blocked drain (urgent)	0	0	0	0

STORMWATER GROUP OF ACTIVITIES 2015/16 Major programmes of work outlined in the LTP/Annual Plan 2015/16				
Marton: Broadway Stormwater Renewal				
Marton: Hammond St Stormwater Renewal				
Marton: Dunallen Ave Stormwater Upgrade				
Marton: Kapuni St Stormwater Upgrade		-		
Other major programmes of work carried out during	3 2015/16			
Projects	Design/ Scoping	Tender/Contract docs	Under construction	Complete

RUBBISH AND RECYCLING GRO	OUP OF ACTIVITIES 2015/16	Jul-15	
Performance measures in LTP/Annual Plan			
What are they:	Targets	Progress to date	
Waste to landfill	4,500 tonnes to landfill		
Waste diverted from landfill (tonnage an (percentage of total waste)	nd Percentage of waste diverted from landfill 12%		
Requests for Service			1
What are they:	Completed on time	Completed late	Overdue

RUBBISH AND RECYCLING GROUP OF ACTIVITIES 2015/16			Jul-15	
Major programmes of work outlin	ed in the LTP/Annual Plan			
What are they:	nat are they: Targets Progress to date			
Waste management	Taihape Greenwaste handling and transport costs - variation to contract	No progress on operation for July	Once sufficient quantity is in place, onsite mulching too be trialled	
	Investigate the possibility to extend opening hours for the Ratana Waste Transfer Station	Awaiting meeting with Ratana Community committee in August	Unknown at this stage	
Waste minimisation	Greenwaste Taihape site modification	Awaiting sign installation	Operational August	
	Horizons Enviroschools programme	Facilitation to commence-New tutor undergoing induction.	Facilitation to progress throughout year	



COMMUNITY AND LEISURE ASSETS GROUP OF ACTIVITIES 2015/16 Jul-				Jul-15
Major programmes of work outlined in the LTP/Annu	al Plan 2015/16			
Parks and Open Spaces	Design/Scoping	Tender/Contract docs	Under construction	Complete
Taihape: repair and reseal access road off Toroa Street	Higgins will be actioning this. The Taihape crew is now concentrating on cyclic maintenance, with little involvement in the emergency			
Turakina: repair and re-metal access road to Dudding Lake	Intended by end of October. Timing will be in consultation with Dudding Lake Ltd.			
Ratana: Review maintenance Contract with Ratana Communal Board		Specifications have been presented to Ratana Communal Board. Awaiting their feedback.		
District-wide: Implements community partnership scheme to achieve park upgrades of \$150,000 (in cash and in kind) from a Council contribution of \$50,000 Taihane: Investigate source of and then supply water	Application form and criteria has been prepared.			
for irrigation to Memorial Park, Taihape up to maximum of \$50,000.	update to Committee			
Community Buildings Bulls: Develop multi-purpose facility in Bulls (initial	Design/ Scoping	Tender/Contract docs	Under construction	Complete
phases) Marton: Complete refurbishment of Shelton Pavilion, Centennial Park				
Swimming Pools Taihape: urgent renewals viz filtration heating, repainting exterior, interior, toddler pool and main	Design/ Scoping	Tender/Contract docs	Under construction	Complete
pool. Marton: urgent renewals viz painting main and toddlers pools, replacing DE filtration bags	-			Painting of Pools complete.
Hunterville: urgent renewals viz resurfacing the main pool				
Marton: close off dive well and introduce bulk head into 50 m pool	Dive boards have been dismantled.			
Taihape and Marton: introduce free swimming lessons for school groups and pre-schoolchildren accessing swimming lessons				

Design/ Scoping	Tender/Contract docs	Under construction	Complete
Notification has been sent to tenants. Document for 'Expressions of interest' in ownership or management			
Design/Scoping	Tender/Contract docs	Under construction	Complete
015/16			
Design/ Scoping	Tender/Contract docs	Under construction	Complete
	Design/ Scoping Notification has been sent to tenants. Document for 'Expressions of interest' in ownership or management Design/ Scoping 015/16 Design/ Scoping	Design/ Scoping Tender/Contract docs Notification has been sent to tenants. Document for 'Expressions of interest' in ownership or management Design/ Scoping Tender/Contract docs 015/16 Design/ Scoping Tender/Contract docs	Design/Scoping Tender/Contract docs Under construction Notification has been sent to tenants. Image: Construction Image: Construction Document for 'Expressions of interest' in ownership or management Image: Construction Image: Construction Design/Scoping Tender/Contract docs Under construction 015/16 Tender/Contract docs Under construction Image: Construction Image: Construction Image: Construction Image: Construction

COMMUNITY AND LEISURE GROUP OF ACTIVITIES 2015/16

Performance measures in LTP/Annual Plan

What are they:	Targets	Progress to date
Provide a "good enough" range of community and leisure assets at an appropriate proximity to centres of population	Progressive improvement in provision and maintenance of the Library service: A greater proportion (benchmark = 15%) of the sample believe that Council's service is getting better	Survey will be conducted later in the year.
	Progressive improvement in provision and maintenance of the swimming pools: A greater proportion (benchmark = 17%) of the sample believe that Council's service is getting better	Survey will be conducted later in the year.
	Progressive improvement in provision and maintenance of the sports fields and parks: A greater proportion (benchmark = 5%) of the sample believe that Council's service is getting better	Survey will be conducted later in the year.
	Progressive improvement in provision and maintenance of public toilets: A greater proportion (benchmark = 19%) of the sample believe that Council's service is getting better	Survey will be conducted later in the year.
	Progressive improvement in provision and maintenance of community buildings: A greater proportion (benchmark = 4%) of the sample believe that Council's service is getting better	Survey will be conducted later in the year.
	Progressive improvement in provision and maintenance of community housing: A greater proportion (benchmark = 0%) of the sample believe that Council's service is getting better	Survey will be conducted later in the year.

Jul-15

Number of users of libraries	An increase in use compared with				
	During 2013/14, 124,801 people	During 2013/14, 124,801 people entered the libraries			
	Marton: 49,967				
	Taihape: 56,461				
	Count adjusted to compensate for	or non-recording periods			
Number of users of pools	An increase in use compared wit	h the benchmark			
	For the 2014/15 season:				
	19,445 in Marton				
	10,099 in Taihape				
Requests for Service					
What are they:	Completed on time	Completed late	Overdue		
Cemeteries					
Cemetery maintenance					
Council Housing/Property					
Maintenance (Council housing/property)					
Graffiti/Vandalism					
Graffiti/Vandalism					
Halls					
Maintenance (halls)					
Street Cleaning					
Street litter bins/maintenance					
Parks and Reserves					
Maintenance (parks and reserves)					
Waterleaks - Parks only					
Public Toilets					
Cleaning (public toilets)					
Maintenance (public toilets)					
Attachment 3



REPORT

Consent Compliance – Jul 2015 to August 2015
Assets/Infrastructure Committee
Joanna Saywell - Utilities Asset Manager
5 August 2015
5-EX-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 Water Outlook became live on 1st July 2015, and reports that have already been set up are providing good visibility about compliance with consents for water abstraction in particular. We're working with Horizons on sending live data to them.
- 1.3 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.

Scheme	Compliance	Comments	Actions
Marton	Compliant	No issues identified	
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		New metering to be

Table 1:	Consent	Compliance	- Water	^r Supply

Scheme	Compliance	Comments	Actions
Mangaweka	Compliant		
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 outstanding weir gaugings needed in summer.	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.
Hunterville Rural	Compliant		
Omatane Rural	Compliant		

3 Wastewater

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

Scheme	Compliance	Comments	Actions
Marton	Non-compliant	Ammoniacal nitrogen and short-circuiting. Leachate from Bonny Glen potentially very high in ammonia. High flows through plant due to extreme rainfall event have affected plant performance.	Refer to separate report to committee.
Taihape	Non-compliant	Non-compliant for flow. Issues with Inflow & Infiltration (I&I).	Upgrade works and programme for I and I reduction have been proposed and costed. This work is planned for 2015- 2018.
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		
Hunterville	Non-compliant	Non-compliant for flow gauging. High flows through plant for all of July.	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.

Table 2: Consent Compliance - Wastewater

Scheme	Compliance	Comments	Actions
Ratana	Compliant		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 being installed.	Estimate for work to address effluent disposal issues is \$250,000. Koitiata Wastewater Reference Group has been formed and had second meeting held with ultimate aim of deciding on a sustainable wastewater solution for the community. Inflow meter installation in progress.

4 Recommendation

4.1 That this report be received.

Joanna Saywell Utilities Asset Manager

Attachment 4



REPORT

SUBJECT:	Flood Event Roading Report – July 2015
TO:	Assets/Infrastructure Committee
FROM:	Reuben Pokiha, Roading Operations Manager
DATE:	6 August 2015
FILE	6-RT-5-18

20 June 2015 – Flood Event

The rainfall event that occurred on 20 June 2015 caused a significant amount of land slips that damaged roads in the hill country through the middle of the District and inundated roads with silt laden floodwater on the Turakina and Whangaehu floodplains.

The current status of roads as follows:

Closed:

- Mt Curl Road requires design
- Onepuhi / Porewa Road bridge approach work due to be complete 14 July 2015

Open to four wheel drive vehicles:

- Turakina Valley 2 between Taurimu and Mangatipona Road
- Taurimu Road Turakina Valley 2 to Franks Road

Open to two wheel drive vehicles but with caution:

- Okirae Road marginal in 2 locations
- Turakina Valley 3 marginal in 3 places
- Pohonui Road
- Morgans Road

The preliminary estimate of cost to repair the damage was originally valued at \$18.9M (8 July 2015). The assumptions made at the time continue to be reviewed to improve the accuracy of the valuation which is currently is valued at \$16.0M (31 July 2015). Reviewing the estimate continues to be discussed with NZTA.

Reuben Pokiha Roading Operations Manager

Attachment 5

Rangitikel

MEMORANDUM

SUBJECT:	Impact of Heavy Vehicles on Local Roads
TO:	Assets/Infrastructure Committee
FROM:	Katrina Gray, Policy Analyst
DATE:	4 August 2015
FILE:	3-PY-1-11

1 Background

- 1.1 During deliberations on submissions to "What's the Plan Rangitikei...?" Council agreed that a report be prepared for the August 2015 of the Assets/Infrastructure Committee on the impact of various classes of vehicles on the costs of maintaining local roads. ¹ At its meeting on 11 June 2015, the Council's Roading Operations Manager provided a report on the effects on the roading network from the Bonny Glen landfill.
- 1.2 The Rangitikei District has a wide range of industries requiring the use of heavy vehicles. These include, but are not limited to forestry, sheep and beef farming, dairying, industries and other businesses. All of these activities require the use of heavy vehicles which contribute to the degradation of the roading network.
- 1.3 The principles of fairness and user/exacerbator pays need to be transparent in Council's considerations to address the issue of who pays, and how, as a result of wear and tear caused by heavy vehicle use on its roads.
- 1.4 The Roading Asset Management Plan identifies the major trends which have the biggest potential to adversely impact on the roading network as follows:
 - Forestry
 - Dairy conversions
 - High Productivity Motor Vehicles

2 Relative contribution to the targeted roading rate

2.1 Rangitikei District Council rates for roading through a district-wide targeted roading rate based on capital value, making no distinction between different types of use or between different locations of rating units. The targeted roading rate is set for the 2014/15 year at \$0.002097 per dollar value.

¹ Consultation document for the 2015/25 Long Term Plan

Rural activities

- 2.2 Dairying and sheep and beef farming usually have a higher average capital value per hectare, compared with forestry activities, and therefore, pay a larger fee for roading per hectare. Sheep and beef farming has a per hectare roading charge (based on average capital value) of \$12.81, compared with \$4.98 for forestry and \$44.83 for dairying². Over a 28 year period for a 50 hectare property, under the current district-wide targeted rate; forestry would pay roading rates of \$6,972, beef and sheep farming \$17,934 and dairy \$62,762³.
- 2.3 There are divergent views on the impacts on roading networks from different rural land uses; however, there does not appear to be a correlation between the potential impact on the roading network and the value that various rural activities contribute to the roading rate. An additional factor is that the impact of particular types of vehicles and loads will vary according to the characteristics of different parts of the network.

3 What are the options?

- 3.1 There two potential solutions to ensuring that there is fairness in the roading rate, and that those activities resulting in the most damage to the network are paying their fair share:
 - A differential targeted roading rate.
 - Implementation of a Bylaw under section 22AB of the Land Transport Act 1998.

4 Differential roading rate

- 4.1 A solution to deal with the impact of heavy vehicle use on the roading network is to implement a differential roading rate, whereby different land uses paid a different roading rate, related to their relative impact on the roading network.
- 4.2 During the 2014/2015 Annual Plan process, the Far North District Council implemented a differential rating policy for roading rates, meaning properties used for forestry were rated \$0.0016749 in the dollar (compared with \$0.0001328 for all other rural properties)⁴.

² Based on the figures in the 2014/15 Annual Plan.

³ This assumes the rate does not increase, which is unrealistic, but gives an idea of the comparison.

⁴ The Far North District Council is also investigating other potential solutions; a tonnage rate on logs transported over local roads, closing roads during periods of wet weather, declaring portions of road to be private and to be restored to a Council acceptable surface post-harvest, and to work with the industry to identify construction aggregates that can be used to strengthen local roads.

Benefits/limitations of the differential roading rate approach

- 4.3 Implementing a differential rating approach, where all land uses are paying a "fair share", would enable the roading network to be maintained/upgraded so that it is fit for purpose for all activities.
- 4.4 However, a robust and transparent method of calculating the damage caused by differing land uses, and thus the "fair share" of the cost of maintaining the network, would need to be carefully considered. Currently Council has no specific data on the impact different classes of vehicles, or the impact of different industries have on the degradation of the roading network. Significant work would be required to fully understand these factors.
- 4.5 This is a proactive approach in that it would be incumbent upon Council to ensure that its roading network was fit for purpose for all heavy road users.

5 Bylaw

- 5.1 A further possibility is to implement a bylaw under the Land Transport Act 1998 (section 22AB).
- 5.2 The bylaw may:
 - Prohibit or restrict vehicles, with conditions, from using any road due to its size, or the type of goods it is transporting.
 - Allow Council's to require a bond from any person so that no special damage will occur to the roading network from heavy vehicles.
 - Prohibiting certain classes of heavy traffic that has caused, or is likely to cause serious damage to any road, unless the cost of reinstating or strengthening the road is paid.
 - Require an annual payment or other payment of a reasonable value by any person involved with heavy traffic for compensation of any damage which is likely to occur.
 - Establish a toll to be levied from any class of heavy traffic.
- 5.3 These provisions mean Council has the ability to introduce a bylaw which could conditionally restrict heavy vehicles, due to their size, from roads which are unsuitable for them to travel on, e.g. specific rural roads. The conditions of use of the roads could state travel is restricted to the summer months, and/or compensation/repair of the damage caused to the pavement as a result of winter activity is required.

Benefits/limitations of a bylaw

5.4 A bylaw enables consideration of a number of different methods which could be implemented to deal with the issue. The bylaw approach would allow Council to restrict heavy vehicles from using local roads, thus limiting damage or requiring compensation.

5.5 However, the potential of a bylaw is reactive, and limited to affecting behaviour and trying to recover costs. In addition, there is no guidance from other local authorities in implementing a similar bylaw. Provision would need to be made to monitor compliance.

6 Heavy Vehicles on Low Volume Roads Working Group

- 6.1 The issue of heavy vehicle use of low volume roads is an issue which many local authorities throughout the country are considering. The Road Controlling Authorities Forum has identified that a nationally consistent approach for dealing with the impact of heavy road users is needed⁵.
- 6.2 In late 2014 a working group was established. The purpose of the working group is to identify a robust process for quantifying the life cycle cost impact of heavy vehicles on low volume roads, determine equitable mechanisms for addressing the cost impact, and develop national guidelines for best practice⁶.
- 6.3 The working group consists of representatives from a variety of local authorities. The group will meet as required and will engage with appropriate industry representatives. It is anticipated that the group will take three years to deliver national guidance.

7 Conclusion

- 7.1 There are a number of options for addressing the impact of heavy vehicles on the roading network. Council may favour a proactive approach, i.e. to maintain a roading network that is fit for purpose across all activities and to allocate the costs fairly through a differential rate. However, this is not a quick or easy solution. It would need to be consulted upon through a Long Term Plan or Annual Plan process and the differentials would need to be supported by significant research.
- 7.2 It seems preferable for Council to reconsider this option once the Heavy Vehicles on Low Volume Roads Working Group has reported with national guidance. This is anticipated to be in 2017 so would potentially be an issue for the 2018-28 LTP.
- 7.3 The option of a bylaw is considered to be more reactive, as it attempts to minimise damage and/or to recover the costs of damage caused.
- 7.4 It is important that unintended consequences are considered, with any proposed solution not adversely affecting economic development in the District. Finally, it is important that any solution is seen to be fair. Council is used to considerations of the "exacerbator-pays" principle when applying regulation but also of ensuring that any benefits accrue to those who pay.

⁵ http://www.rcaforum.org.nz/working-groups/low-volume-roads-funding-heavy-vehicle-impacts

⁶ http://www.rcaforum.org.nz/working-groups/low-volume-roads-funding-heavy-vehicle-impacts

8 Recommendations

- 8.1 That the memorandum 'Impact of Heavy Vehicles on Local Roads' be received.
- 8.2 That the Assets/Infrastructure Committee considers it would be premature to implement a differential rate before the outcomes of the Heavy Vehicles on Low Volume Roads report is released.

Katrina Gray Policy Analyst

Attachment 6



REPORT

SUBJECT:	Proposed Improvements to Marton WWTP
TO:	Assets and Infrastructure Committee
FROM:	Joanna Saywell, Utility Asset Manage r
DATE:	29 July 2015
FILE:	6-WW-1-4

1 Executive Summary

1.1 Purpose of the report

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

The existing consent for the treatment plant is due to expire in 2019 and therefore the plant not only needs to be fully compliant with current consent conditions but will need to be able to demonstrate that it can meet any anticipated new conditions that may be imposed.

Currently the Marton WWTP discharges treated effluent into the Tutaenui Stream. At times the stream has little or no flow and therefore the effluent from the plant makes up a large proportion of the stream flow.

This report assumes that trade wastes, including Bonny Glen landfill leachate, will continue to be accepted at the WWTP in accordance with the management and monitoring arrangements covered by the Council's Trade Waste Bylaw and associated Trade Waste licences, and the scope of the proposed WWTP upgrade outlined in this report. Ultimately it will be Council's decision as the final scope of any upgrade works to be undertaken at the WWTP, and therefore the nature of any trade wastes and other discharges that can be reasonably accepted into the WWTP.

2 Context

2.1 Background

John Crawford, Technical Principal – Wastewater, Opus International Consultants Ltd was engaged to review the current inflows of raw effluent into the Marton WWTP, determine the effect of the Bonny Glen landfill leachate relative to the total inflows, and provide an assessment of the effect of that leachate on the overall operation and compliance of the WWTP. This report was presented to Councillors in March this year.

The report recommended that the Bonny Glen owners/operators, Midwest Disposals Ltd, pre-treat the leachate at the landfill to remove as much of the ammoniacal nitrogen and colour as possible.

Concerns have been raised that the dissolved heavy metals in the leachate discharged to the WWTP may pass through the plant and have an adverse effect on the Tutaenui Stream. Samples of water in the Tutaenui Stream were tested for heavy metals and there was no discernible difference in levels above and below the treatment plant outfall. This indicated that any heavy metals present in the incoming leachate are being retained within the WWTP.

Further testing has been undertaken of the sediments in the Tutaenui Stream to confirm whether or not there are elevated levels of metals in sediments downstream of the plant and if so the extent of the effect. The results of this testing are expected to be available by mid-August 2015.

2.2 Domestic Loading at the Marton WWTP

Opus Consultants have confirmed that the Marton WWTP is designed to cope well with domestic sewage and should be able to meet current resource consent conditions if operated in a steady state. However, in addition to landfill leachate the WWTP also receives septic tank waste.

Tankered septic tank waste is currently deposited into the sewer in Marton, but over time this has caused issues in the trunk main upstream of the WWTP. When sewage turns septic it releases hydrogen sulphide, forming sulphuric acid which is corrosive to concrete pipes. Sections of the trunk main and manholes are showing signs of acid attack and 20 metres of pipe had to be replaced recently even though the main is less than 50 years old.

Septic tank waste is more difficult to treat than domestic sewage as it is deficient in oxygen. Septic waste entering the plant as a single 'slug' can clog milliscreens and affect the ability of the ponds to function effectively.

2.3 Trade Waste

The Marton WWTP accepts trade waste from several businesses in Marton and tankered leachate from the Bonny Glen landfill. The leachate in particular, includes high concentrations of ammoniacal nitrogen and is highly coloured. The WWTP is currently not configured to remove large quantities of nitrogen or colour, and the high colour and quantity of suspended solids affects the ability of the UV sterilisation system to perform effectively.

Council officers met with Paul Mullinger of Midwest Disposals on 22nd July 2015 to discuss leachate pre-treatment proposals at the landfill and improvements at the Marton WWTP to enable effective monitoring and control of the leachate.

Most of the other trade waste in Marton derives from food industries where discharges to the sewerage system typically are of high calorific and nitrogen content. There is also a significant volume of fat and grease discharged into the sewer. Trade Waste licences are in place with other trade waste customers in Marton. A schedule of premises to which trade waste agreement/licences apply will be tabled at the meeting.

Currently there is limited monitoring of Trade Waste from commercial and industrial sites and the fees charged do not necessarily cover the additional costs involved in effective treatment.

Further work is underway to improve data capture on trade waste discharges, and ensuring that licences are in place and effectively monitored for all such customers. This process will also ensure that any tankered waste deposited at the WWTP can be tested for its suitability prior to introducing to the plant and the appropriate fees applied.

3 Proposed Leachate Treatment

3.1 Pre-treatment of Leachate at Landfill

Opus Consultants have recommended limits be placed on the leachate being received at the Marton WWTP in line with Council's Trade Waste Bylaw and acceptance criteria. These limits were sent to Midwest Disposals so that a pre-treatment facility can be designed and installed at the landfill.

So far Midwest Disposals have conducted trials to remove the colour from the leachate. They have undertaken to install appropriate treatment, at the landfill, so that they can achieve successful colour removal within three months (i.e. by the end of October 2015). Removing the colour will also reduce the Biological and Chemical Oxygen Demand (BOD/COD) of the leachate and make treatment at the Marton WWTP plant more effective.

Midwest Disposals are currently exploring a number of technologies to aid in the removal of nitrogen. This is likely to be considerably more difficult than the removal of colour and will necessitate the design and installation of site-specific processes. It is estimated that the construction of the process will take approximately eight months to complete.

Midwest Disposals have undertaken to install effective treatment at the landfill to ensure that their treated leachate will meet Council's Trade Waste acceptance criteria by July 2016.

3.2 Leachate and Septic Tank Waste Disposal at Marton WWTP

Currently leachate is tankered to Marton and deposited into the reticulation in a manner to maximise mixing prior to it reaching the treatment plant. This is deposited into the sewer system in Marton at the same place as septic tank waste. Since it is deposited rapidly from a tanker it can result in a shock load on the WWTP. This limits the ability of the WWTP to effectively treat the incoming leachate.

It is now proposed that the pre-treated leachate be deposited at the treatment plant into storage tanks and then pumped out into the inlet works as a controlled discharge so as to eliminate any shock loadings.

Part of the up-grades proposed at the WWTP include the installation of a small holding tank to take waste from septic tanks. This approach will allow for the septic tank waste to be introduced into the inlet flows at a slow controlled rate that reduces the impact on the effective operation of the plant. This system has been shown to work well at other plants that accept a high proportion of septic tank waste. The cost of this installation will be covered by the fees charged for the disposal of this type of waste.

Midwest Disposals will provide additional tanks (at their cost) for storage of the pre-treated leachate so that it can be introduced to the plant in the same controlled manner. As previously mentioned, this approach will enable pre-treated leachate to be tested prior to its introduction and mixing with incoming domestic sewage.

4 Proposed Upgrade Works

4.1 Long Term Plan (LTP)

Funding (capex) has been allocated in the 2015-25 LTP for the upgrade of the Marton WWTP. Some major works are required whether or not leachate continues to be disposed of at the WWTP.

Most of the previously scheduled work was put on hold until the effects of the leachate, and possible means of treatment, had been determined. These works assume that the pre-treatment of the leachate will be successful and will reduce the leachate contaminants to acceptable levels. This will need to be verified before some upgrades works proceed.

The following works are proposed over the next 2-3 years:

- a) the installation of a small inlet tank and associated tanker turning facility; (to accept tankered waste at the plant, so that septic tank waste and leachate can be collected and pumped into the inlet without affecting upstream pipework or impacting on the treatment process at the plant);
- b) improvements to the screens at the inlet, including the removal of the in-ground weir structure on the incoming sewer main, (the buried weir collects any gravel and heavy solids in the main causing blockages and contributing to surcharging in the town);

- c) the major upgrade of the existing anaerobic pond or addition of another anaerobic pond (the existing pond has worked well at reducing BOD, with an estimated 30% removal rate, but there are issues with the existing pond in terms of short circuiting and occasional gas emissions through the floating wetland in the summer). Any second pond will be designed to suit the proposed inlet works and to enable the existing pond to be taken off-line as necessary for desludging, (anaerobic ponds are excellent for reducing BOD and are well suited for treating waste from food type industries);
- d) de-sludging of the existing anaerobic pond to reduce the current short circuiting, (this is likely to generate a high amount of odour, particularly if it needs to remain in service during de-sludging and hence should be done after the second anaerobic pond has been constructed).

A more detailed assessment of upgrade requirements will be undertaken once leachate pre-treatment arrangements are in place, and have been confirmed as working effectively.

Following completion of the pre-treatment work at Bonny Glen Landfill, other works allowed in the budget, and listed below, may be undertaken. These will be reviewed, and designed and installed only as necessary to ensure resource consent compliance.

- e) improved aeration of the main ponds by the installation of extra aerators, (note that Opus have suggested that more aeration may turn the ponds into a suspended growth reactor)
- f) design and installation of improvements to the final filtration systems (e.g. tube settlers and flocculation tanks) in the plant to reduce nitrogen and phosphorous (mainly associated with Marton's other trade waste customers), (this is also proven technology, but may not be needed if the total loadings on the plant are substantially reduced by the improvements to the leachate
- g) replacement/up-grade of flow monitoring and control systems to keep pace with technology up-grades and ensure that all data is collected in accordance with the current resource consent, and

The LTP also signals the need to prepare an application for a new resource consent, which will need to be lodged in 2018. This process will determine what further WWTP works might be required to meet likely consent requirements. The process will also need to consider and evaluate a range of options, particularly in relation to method of disposing of treated effluent. The LTP budgets currently allow for improvements following granting of the resource consent but these are entirely dependent on the outcome of the consent

process. Accordingly, these budgets will be subject to further review at an appropriate time.

4.2 Legal issues

The acceptance of leachate from Bonny Glen impacts on Council's ability to ensure sustained compliance with resource consent requirements for the Marton WWTP.

There is currently no formal arrangement in place covering the acceptance of leachate from Bonny Glen. The draft Trade Waste limits (see Appendix 1) sent to Midwest will be used to prepare a Trade Waste Licence. It is proposed that the licence will be worded to allow a staged improvement in effluent quality with the aim of adequate pre-treatment at the landfill and full compliance monitoring at the WWTP by July 2016. The trade waste licence will enable Council to effectively control the receipt of leachate, including its quality, and enable the recovery of all costs associated with receiving and treating the leachate.

4.3 Proposed Community Engagement and Focus Group

There has been considerable public interest in the operation of the Marton WWTP and the potential effects of the treated effluent discharge on the Tutaenui Stream.

As previously mentioned the concerns raised about dissolved heavy metals in the leachate passing through the plant have been addressed through in-stream testing, which has confirmed that any heavy metals present in the leachate are being retained within the WWTP. Results of further testing on sediments in the Tutaenui Stream for the presence of heavy metals are expected by mid-August.

It is proposed that any approved major upgrade of the Marton WWTP follow a similar community engagement process as has been adopted with other major upgrade projects, such as the recent Marton water treatment plant upgrade. This will include a project communications plan that incorporates regular community updates at key milestone points in the upgrade process. Also proposed is the establishment of a Focus Group to help provide community oversight and guidance to the project, including consideration of options. The focus group would comprise a cross-section of community representatives, including lwi, and its membership confirmed by the Council. Subject to Council endorsing the proposed general scope and timing of the Marton WWTP upgrade, the process of forming the Focus Group can proceed. It is envisaged that the Focus Group would remain in place until the application for a new resource consent for the WWTP has been finalised.

5 Proposed Programme

The following programme sets out the general scope of proposed works, responsibility, budget and indicative completion date. It is proposed that an independent review of the programme is undertaken once the new leachate arrangements are in place and prior to any major upgrade works commencing.

Proposed works	Responsibility	Budget	Indicative Completion date
			·
Work at Bonny Glen Landfill			
Pre-treatment to remove colour	Midwest Disposals	N/A	October 2015
Pre-treatment to reduce nitrogen to Trade Waste limits	Midwest Disposals	N/A	July 2016
Work at Marton WWTP			
Tanker disposal/turning facility	RDC	\$160,000	November 2015
Installation of onsite tanks for septic waste (Midwest Disposals to pay for additional storage tanks for leachate)	RDC	\$60,000	December 2015
Inlet works	RDC	\$100,000	March 2016
Up-grade existing or addition of another anaerobic pond - Design - Specification, contract - Construction	RDC	\$1,000,000	Sept 2015 Nov 2015 July 2017
Flow monitoring and control systems	RDC	\$150,000	July 2017
De-sludging of the existing anaerobic pond	RDC	\$300,000	Oct 2017
improved aeration	RDC	\$100,000	July 2018
Final filtration systems	RDC	\$1,500,000	July 201
Application for a new consent lodged	RDC	\$200,000	Sept 2018
Consent hearing etc.	RDC	\$300,000	Mar 2019
Total budget	RDC	\$3,870,000	

7 Recommendations

- 7.1 That the report 'Proposed Improvements to Marton WWTP' be received.
- 7.2 That the Assets/Infrastructure Committee endorses the proposed approach for the ongoing acceptance, management and treatment of leachate from Bonny Glenn landfill, and the general scope of the proposed programme for the improvement works at the Marton Wastewater Treatment Plant, including obtaining the necessary new resource consents for the continued operation of the Plant.
- 7.3 That the Assets/Infrastructure Committee notes that final details for any major upgrade works at the Marton Wastewater Treatment Plant will be subject to independent review by an appropriately qualified person or persons approved by the Chief Executive, and that those works are approved by the Council prior to their commencement.
- 7.4 That the Assets/Infrastructure Committee endorses the establishment of a focus group made up of community representatives to provide oversight and guidance on the Marton Wastewater Treatment Plant upgrade, including the obtaining of a new resource consent for the continued operation of the plant, and that final membership of the focus group and its roles/responsibilities be determined by Council.
- 7.5 That the proposed approach for addressing compliance issues and the general scope of the upgrade of the Marton Wastewater Treatment Plant be referred to the Horizons Regional Council for comment prior to Council confirming any upgrade programme.
- 7.6 That the Assets/Infrastructure Committee continue to receive regular progress reports on compliance matters and any upgrade programme approved for the Marton Wastewater Treatment Plant.

Joanna Saywell Utilities Asset Manager

Appendix 1

Appendix 1 – Trade Waste Acceptance Criteria

Characteristics

The nature and levels of the characteristics of any wastewater discharged to the COUNCIL system shall comply at all times with the following requirements, except where the nature and levels of such characteristics are varied by the COUNCIL as part of this consent to discharge wastewater.

3.1 Physical Characteristics

3.1.1 Flow

The 24 hour flow volume shall be less than 160 m³.

The maximum instantaneous flow rate shall be less than 0.5 L/s.

3.1.2 Temperature

The temperature shall not exceed 35 °C.

3.1.3 Solids

Non-faecal gross solids shall have a maximum dimension which shall not exceed 15 mm and gross solids shall have a quiescent settling velocity which shall not exceed 50 mm/minute.

The suspended solids content of any wastewater shall have a maximum concentration which shall not exceed 1000 g/m^3

The settleable solids content of any waste shall not exceed 50 mL/L.

The total dissolved solids concentration in any wastewater shall not exceed 10,000 g/m^3 .

Fibrous, woven, or sheet film or other materials, which may adversely interfere with the free flow of wastewater in the drainage system or treatment plant shall not be present.

3.1.4 Oil and Grease

There shall be no free or floating layer.

Emulsified mineral oil, fat or grease which in the opinion of the COUNCIL is not biodegradable shall not exceed 200 g/m³ as petroleum ether extractable matter when the emulsion is stable at a temperature of 15 °C and when the emulsion is in contact with and diluted by a factor of 10 by raw sewage throughout the range pH 6.0 to pH 10.0.

Modified oil, fat or grease which in the opinion of the COUNCIL is biodegradable shall not exceed 500 g/m³ when the emulsion is stable at a temperature of 15 $^{\circ}$ C

and when the emulsion is in contact with and diluted by a factor of 10 by raw sewage throughout the range pH 4.5 to pH 10.0.

Emulsified oil, fat or grease shall not exceed 100 g/m³ as petroleum ether extractable matter when the emulsion is unstable at a temperature of 15 °C and when the emulsion is in contact with and diluted by a factor of 10 by raw sewage throughout the range pH 4.5 to pH 10.0.

3.1.5 Solvents and Other Liquids

There shall be no free layer (whether floating or settled) of solvents or organic liquids.

3.1.6 Emulsions of Paint, Adhesive, Rubber, Plastic

For the purposes of this sub-clause:

Latex emulsion means an emulsion containing paint, adhesive, rubber, plastic, or similar material.

Latex emulsions may be discharged from the landfill processes subject to the total suspended solids not exceeding 100 g/m^3 , and the pH being in the range 6 to 10.

3.1.7 Radioactivity

Radioactivity levels shall not exceed National Radiation Laboratory guidelines.

3.1.8 Colour

No waste shall have colour or colouring substance that causes the discharge to be coloured to the extent that it impairs wastewater treatment processes or compromises the final effluent discharge consent. As a guideline, after 100:1 dilution with distilled water, the waste shall not have a noticeable colour compared with distilled water.

3.1.9 Transmittance

Due to the use of UV light disinfection at the Council's Wastewater Treatment Plant, the acceptability of discharges will be based on transmittance testing at 254 nm. The discharge will be diluted at 10:1 with distilled water and tested at 254nm. The result must have a transmittance of 50% or more, equivalent to an absorbance of 0.3010 or less.

3.2 Chemical Characteristics

3.2.1 Maximum Constituent Levels and Charging

Table 3.1 sets out the maximum limits and charging for the chemical characteristics of all wastewater discharges. Wastewater charging rates will be set as adopted by the Rangitikei District Council and published in the Schedule of

Fees and Charges on an annual basis (Rangitikei District website https://www.rangitikei.govt.nz/council/publications).

As of 1 July 2016 (operational date of pre-treatment system), the Consent Holder shall ensure that monthly samples taken from the waste before discharge into the collection network meet the standards set forth below and in Table 3.1. The number of exceedances of the Median value shall not be greater than 8 in the preceding 12 month period and the number of exceedances of the 95th percentile shall not be greater than 2 in the preceding 12 month period.

3.2.2 pH Value

The pH shall be between 6.0 and 9.0.

3.2.3 Organic Strength

The biochemical oxygen demand / chemical oxygen demand of any waste shall not exceed a concentration of 500 g/m^3 .

Table 3.1 – Trade Waste Chemical Characteristics

Parameter	Median	Rate	Conc. (g/m ³)
	Conc. (g/m3)	\$/gram	Not Accepted
Charged Constituents			
Volume (m ³ /month)		SFC	
cBOD ₅	200	SFC	500
Ammonia (plus ammoniacal ion measured as N)	5	SFC	20
Total nitrogen (as N)	20	SFC	50
Total Phosphorus (as P)	1	SFC	10
Transmittance (diluted 1:10, per cent transmittance at 254 nm)	80	SFC	50
Chromium (Total)	1	SFC	5
Suspended Solids (Total)	400	SFC	1000
General Constituents			
COD	500		1000
Sulphate (measured as SO ₄)			500
Sulphide (as H ₂ S on acidification)			5
Chlorine (measured as Cl ₂)			3
Aluminium (dissolved)			100
Iron (dissolved)			100
Boron (as B)			5
Bromine (as Br ₂)			5
Fluoride (as F)			30
Cyanide – weak acid dissociable (as CN)			2
MBAS (methylene blue active substances)			200

Parameter	Median	Rate	Conc. (g/m ³)
	Conc. (g/m3)	\$/gram	Not Accepted
Colour (not noticeable after 100:1 dilution)	not seen		noticeable
Metals			
Antimony			10
Arsenic			5
Barium			10
Beryllium			0.005
Cadmium			0.05
Cobalt			10
Copper			10
Lead			10
Manganese			20
Mercury			0.05
Molybdenum			10
Nickel			10
Selenium			10
Silver			2
Thallium	į		10
Tin			20
Zinc			10
Organic Compounds			
Formaldehyde (as HCHO)			50
Phenolic compounds (As phenols)			50
Chlorinated phenols			0.02
Petroleum hydrocarbons	Į		10
Halogenated aliphatic compounds			1
Monocyclic aromatic hydrocarbons			5
Polycyclic aromatic hydrocarbons (PAHs)			0.05
Halogenated aromatic hydrocarbons (HAHs)			0.002
Polychlorinated biphenyls (PCBs)			0.002
Polybrominated biphenyls (PBBs)			0.002
Pesticides (total: includes insecticides, herbicide	s, fungicides)		0.2
Organophosphate pesticides (total)			0.1

NOTE: SFC refers to the Rangitikei District Council Schedule of Fees and Charges

3.3 Prohibited Characteristics

All wastewater discharges shall not contain any matters or substances which are prohibited under Schedule 1B of the Trade Waste Bylaw.

3.4 Discharge

Hours of the day when effluent shall be discharged: 8 AM to 5 PM

Hours of the week when effluent shall be discharged: Monday through Friday.

Attachment 7

REPORT



SUBJECT:	Recommendation to award Tender for Contract C990 Area Wide Sewer Renewals – Sliplining 2015/16 to Pipe Technologies Ltd.
TO:	Assets/Infrastructure Committee
FROM:	Hamish Waugh, General Manager Infrastructure
DATE:	16 June 2015
FILE:	5-CM-1: C 990

1 Executive Summary

1.1 Purpose of the report

The purpose of this report is to accept a tender for Contract C990 Area Wide Sewer Renewals – Sliplining 2015/16

1.2 Key issues

The sewer networks throughout the District are aging and many individual sewers are reaching the end of their service life. As a result of this, funding has been set aside to renew these sewers.

Using trenchless techniques for sewer rehabilitation or replacement has become more prevalent. Due to the limited experience of Council staff with these techniques, an Expression of Interest (EOI) process was undertaken to identify a trenchless technique that would meet the needs of Council.

The outcome of the EOI was firstly to undertake a trial of the preferred technique identified at Goldings Line, Marton.

If the trial was successful, a formal tender from the preferred supplier to undertake the sewer renewal works over the next 3 years in the draft Long Term Plan (LTP) was to follow.

Following this a trial of the preferred technique was undertaken on Goldings Line, Marton.

The trial was successful and it is anticipated that the use of the preferred technique will reduce the cost of sewer renewals, in the smaller diameters, to about 70% of the cost of conventional dig and relay methods. For Goldings Line it is estimated the final cost will be in the order of \$330,000 compared to the

budget estimate of \$474,000 originally budgeted for a conventional dig and relay renewal. Of particular note from the trial were the quickness of installation, the lack of reinstatement required, and the minimal customer disruption.

The supplier of the preferred trenchless technique was asked to provide a tender for future planned works. This tender has been prepared and is now being presented to Council for approval.

1.3 Major recommendations

The major recommendation is to accept a tender for the rehabilitation of sewers.

2 Context

2.1 Background

The possibility of using trenchless techniques, for the large volumes of sewer renewals planned for the next three years, was considered as a viable option for sewer renewals.

Consequently, in the early part of 2015, Expressions of Interest were invited via Tenderlink for trenchless sewer projects, in both the Rangitikei and Manawatu Districts. The EOI offered CIPP¹, patching, lateral cutting, and lateral joint repair systems that would allow sewers to be completely rehabilitated, without the need to excavate.

Five EOIs were received, listed as follows:

- ID Loader pipe bursting (PVC)
- Higgins Contractors pipe bursting (PVC)
- Interflow PVC spiral wound lining
- Pipeworks cure in place (CIPP) lining
- Pipetech PVC thermoform lining (AM liner)

The EOI allowed for specific costing for the proposed Goldings Line Marton project, as well as indicative lengths of 225 mm, 200 mm, and 150 mm diameter respectively for prospective future projects.

¹ 'Cured in-place pipe' – i.e. a jointless, seamless, pipe-within-a-pipe.

The evaluation undertaken involved scoring the following attributes out of 10 and then multiplying them by a weighting out of 10 to obtain a final score. Details are appended to this memorandum.

- Company Information
- Health & Safety
- Methodology
- Structural capability
- Hydraulic capacity
- Robustness
- Cost
- Asset life
- Other offerings

Pipe Technologies Limited (Pipetech) was identified as the preferred supplier.

The major factors that favour the Pipetech option are:

• Robustness – Pipetech's liner has been tested at the University of Auckland for its seismic performance. This demonstrates that this product has a demonstrated robustness. None of the other providers have provided evidence to demonstrate the robustness of their products.

• Asset life – Pipetech provided information that indicates that the asset life of their product could exceed 200 years. The standard age range for wastewater pipes in the NAMS Valuation and Depreciation guidelines is 50-150 years. All the other companies nominated a service life of 50 years. Using a (conservative) 100 year life for the Pipetech option means that the whole of life cost for 150 diameter sewers is half that of the next best option (Interflow spiral wound liner).

• Cost – Pipetech rate per metre was the cheapest offered.

Pipetech provided excellent references and have undertaken sewer rehabilitation work in the lower North Island. These locations include Ruapehu District Council, Wanganui District Council, South Taranaki District Council and Central Hawkes Bay District Council.

Given the lack of direct experience of the Infrastructure Shared Services team with the trenchless technologies, a trial of the thermoform PVC (Pipetech) was undertaken on Goldings Line. This has been successfully undertaken.

2.2 Scope of works

Following the successful trial, Pipetech were requested to provide a tender for the indicative 2015/16 sewer renewal programme. The indicative programme for the following 2 years was also supplied. The following scope of work was determined by Council staff to ensure that a comprehensive service was provided. This scope is as follows:

- Contractor to CCTV, clean and review all lines proposed for renewal. The review is to be undertaken according to the latest version of the NZ Pipe Inspection Manual.
- Council to approve renewal or rehabilitation method on a line by line basis based on the results of the CCTV.
- Contractor to provide rates for repair methodologies suggested as part of the EOI, so that Council could choose the methodology most suited to the rehabilitation of every line (if any rehabilitation is required). This includes patching and lateral repairs.
- Contractor to provide liaison with affected residents and Council's customer services.
- Contractor to provide CCTV of completed works for Council review and records.

2.3 Tender provided

Pipetech was requested to provide a tender for the indicative 2015/16 programme of works on the basis of the sewers being lined. Rates for the alternative and additional repair methodologies were also provided.

A tender for a sum of \$570,153.42 was then received for the 2015/16 programme, plus indicative rates for the various repair methods and any extra work that may occur.

The tender also offers to hold the rates tendered for 3 years.

2.4 Long Term Plan (LTP)

Funding has been allocated in the 2015-25 LTP for the renewal of sewers in the District, of which this project will form a part.

The budgeted allocation for the contractor element of sewer renewals at Marton, Taihape, Bulls and Hunterville in the current financial year is \$994,228. When ancillary works such as manhole renewals, administration etc. are considered, the sewer network can be renewed for an estimated 70% of the budgeted amount. This will result in a saving of \$298,268 of this years's programmed works and a saving of \$2,164,044 on the \$7,213,481 of the

amount allocated for sewer renewals over the next 10 years. Note these figures are not adjusted for inflation and the wastewater renewals budget also includes funding for pump station and treatment plant renewals.

The proposed sewer renewals are consistent with the LTP.

2.5 Significance

The proposal does not trigger the significance thresholds as the impact on Council's direction in terms of its strategic objectives, the change from Council's current level of service, the level of public impact and/or interest and the impact on Council's capability (non-cost), to continue to provide existing services are all assess as medium to low.

2.6 Maori consultation

Community views have not been explored in this report.

The sewer renewals budget has been consulted through the process associated with the adoption of the LTP.

2.7 Legal issues

Nil.

2.8 Approach

Community views have not been explored in this report.

The sewer renewals budget has been consulted on through the process associated with the adoption of the LTP.

3 Analysis

3.1 Views

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

3.2 Options

The EOI process and subsequent trial confirmed that the sewer renewals could be undertaken as proposed in the EOI process. As outlined above, the tender price offers significant cost savings to the budgeted costs in the LTP.

The tenderer also offered to hold the tender rates submitted for a 3 year period. The option of extending the contract on a yearly basis to extend the contract to a length of 3 years is available to Council.

3.3 Allowance for contingency and increase in scope

The price schedule in the tender did not include a contingency amount.

The ability to undertake further CCTV investigation and further trenchless works, such as patching of cracks and repair of lateral joints, has also been identified for inclusion in the project.

An allowance for a contingency amount and for a potential increase in the scope of the Contract works needs to be included in the contract amount committed. This allowance is estimated to be \$100,000.

Therefore a total contract expenditure of \$670,153.42 is required.

3.4 Costs

The estimated cost for the project is \$670,153.42, to come from the budgeted provision of \$994,228 for renewals to the District's sewer reticulation.

4 Conclusions

The EOI process and the subsequent trial tenders has resulted in a preferred tender that offers significant cost savings over the amounts budgeted in the LTP.

- 4.1 The preferred option is to accept the tender from Pipe Technologies Ltd for the thermoform PVC system offered, including an option for 2 one-year extensions. The reasons for this are outlined above.
- 4.2 Impact on Council policy

Nil.

4.3 Impact on taking a sustainable development approach

The preferred option will have an expected life in excess of 100 years.

With the lowest capital cost and an operational cost that is also expected to be lower than the cost of maintaining pipes constructed using different pipe materials, the whole of life cost is the least of the options received in the EOI process.

4.4 Need for further consultation

Nil.

4.5 Issues for Maori

Nil.

5 Recommendation

- 5.1 That the report "Acceptance of Tender for Contract C990 Area Wide Sewer Renewals Sliplining 2015/16" be received.
- 5.2 That the Assets/Infrastructure Committee recommends that Council award Contract C990 to Pipe Technologies Limited for the sum of six hundred and seventy thousand, one hundred and fifty three dollars and forty two cents, \$670,253.42, including \$100,000 contingency (excluding GST).
- 5.3 That, if awarded, contract C990 include the right to extend the contract for a further one year period for the next two years, subject to the tender rates being held at the tendered amounts and the availability of budget (to be confirmed through Council's annual planning processes).

Hamish Waugh General Manager Infrastructure
Attachment 8



MEMORANDUM

ets/Infrastructure Committee
ylene Prince
ugust 2015
ntracts for CBD cleaning – further consideration
M-1

Introduction

- 1 One of the services provided through the now expired Contract 907 Parks and Town Maintenance was the cleaning of the District's CBD areas. This is not within the scope of the internal Parks and Reserves team, so one or more separate contracts need to be negotiated. Tenders were invited (via Tenderlink) from a local panel of six businesses or individuals, requesting prices for a three-year contract on a districtwide basis as well as on a location basis and a separate disclosure of the contractor administration cost.
- 2 Three tenders were received, two covering all locations (and district wide) and one for Hunterville and Taihape. Tenderers were advised that non-price attributes would make up 50% of the final score. The explanation of the composition and weighting of these attributes is contained in the extract from the tender document attached as <u>Appendix 1</u>.
- 3 At the Council meeting of 30 July 2015, Council deferred making a decision on awarding any contracts and delegated that decision to the Assets/Infrastructure Committee's meeting of 13 August 2015.¹
- 4 In reporting to the Committee, Council requested that:
 - a. the contractors' administration costs be more precisely identified, so that there would be clarity over the relative total costs for awarding a single contract, contracts for each location, or contracts over two or more locations; and
 - b. discussions be undertaken with the Ratana Communal Board of Trustees on the feasibility (and cost) of including the Turakina portion (bin emptying) in the contract being negotiated with that organisation.
- 5 In addition, Council asked for more detail to be provided on the scope of works under the proposed contracts. This is attached as <u>Appendix 2</u>. There are 36 litter bins in Taihape, 14 in Hunterville 22 in Marton, 4 in Turakina and 21 in Bulls. (Litter bins within Council's parks are managed by the internal parks and reserves team).

¹ Council, 31 July 2015: 15/RDC/243

Evaluation

6. The non-price attributes for each of the tenders were very evenly scored and sufficient.

	A	В	С
Contractor administration	\$20,880.00	\$36,408.00	\$2,726.00
Taihape	\$49,080.00	\$48,240.00	\$39,789.00
Hunterville	\$27,360.00	\$28,984.80	\$15,423.00
Marton & Turakina	\$57,780.00	\$41,779.20	
Bulls	\$29,880.00	\$34,146.00	
TOTAL	\$184,980.00	\$189,558.00	\$57,938.00

7. The initial schedule of prices (exclusive of GST, per annum) was:

- 8. These showed that a whole-of-District contract did not provide the best value. The tendered price from tender C confined to Hunterville and Taihape *including* that contractor's administration costs, was less than the tendered price from the two other contractors *without* administration costs. So this represents the best value. However, to award the remainder of the contract meant obtaining details on the administration costs for that work.
- 9. The range in schedule of prices (exclusive of GST, per annum) for the remaining locations (i.e. Bulls, Marton and Turakina) is as follows:

	Lowest	Highest
Bulls (+administration)	\$38,980.00 (+ \$8,400) =	\$34,146.00 (+ \$13,993.20) =
	\$47,380.00	\$48,139.20
Marton (+administration)	\$36,619.20 (+ \$14,601.60) =	\$51,790.00 (+ \$8,400.00) =
	\$51,220.80	\$60,190.00
Turakina (administration)	\$5,160.00 (+1,825.20) =	\$8,880 (+\$2,560.00) =
	\$6,985.20	\$11,440.00
Whole-of-District (+administration)	\$164,100.00 (+\$20,880.00) =	\$153,150.00 (+\$36,408.00) =
	\$184,980.00	\$189,558.00

10. The Ratana Communal Board of Trustees was invited to include within its contract with the Council (C 991) the emptying of litter bins at Turakina. The Board has agreed on the basis of emptying the bins four days per week (Monday, Wednesday,

Friday and Saturday) which is the same frequency as at Ratana. The annual price for this is \$4,874.00 (being \$4,160.00 + administration of 15%).

- 11. The best value option would be to award four contracts:
 - a. \$57,938.00 Taihape and Hunterville O'Connor Contracting
 - b. \$51,220.80 Marton Rangitikei Enterprises
 - c. \$47,380.00 Bulls Andrew Morriss Concrete Ltd
 - d. \$4,874.00 Turakina Ratana Communal Board (within the contract being negotiated).

This is a total cost of \$161,412.80 (GST excl.). This sum can be funded from the existing budget provision.

The total lowest cost for a single whole-of-District contract is \$184,980.00 (GST excl.). While administering three contracts will take additional staff time, the non-price attributes of all proposed contractors give confidence that this additional time will not be significant.

Recommendations

- 1. That the memorandum 'Contracts for CBD cleaning further consideration' be received.
- That Council includes within Contract 991 Ratana parks and town maintenance the CBD cleaning (rubbish bins) at Turakina, at \$4,784.00 (plus GST) per annum for three years from 17 August 2015 (or the agreed commencement date of that contract).
- 3. That Council awards the following contracts:

Contract 994 – CBD Cleaning Taihape and Hunterville – to O'Connor Contracting, at \$57,938.00 (plus GST) per annum, for three years from 17 August 2015;

Contract 995 – CBD Cleaning Marton – to Rangitikei Enterprises, at \$51,220.80 per annum, for three years from 17 August 2015; and

Contract 996 – CBD Cleaning Bulls – to Andrew Morriss Concrete Ltd, \$48,139.20 per annum, for three years from 17 August 2015.

Gaylene Prince Community & Leisure Services Team Leader

Appendix 1

Section 4: Non-price Attributes Contract 986 CBD Cleaning

Further to clause 107 Schedule to Conditions of Tendering, the tenderer shall provide information about the following attributes. The Non-price attributes will make up 50% of the final score

- Relevant Experience & Track Record
- Nominated Personnel
- Plant & Equipment
- Management Skills
- Methodology

Relevant Experience & Track Record – 20%

Tenderer's must provide detailed evidence of their experience to complete Contract Works described in these documents for two separate projects.

Nominated Personnel – 10%

Tenderer's must nominate and state the key technical skills of the nominated personnel.

Plant & Equipment – 10%

The tenderer must submit details of all plant and equipment items that will be used in the execution of the Contract Works.

Management Skills – 30%

Tenderer's must describe the management methods and skills they will use to successfully complete the Contract Works. The description must include:

- Attributes and management skills of all nominated personnel
- Lines of communication within the contract management team and with the Contract Manager, delegation of duties and authority

Methodology – 30%

Tenderer's must describe the methodology they will use to complete the Contract Works on time and to the standard specified in the Contract Documents. This should include the location of staff and equipment, the monitoring regime and quality control against contract standards.

Any tender proposal, when evaluated, which scores less than half the allocated marks for one or more of the attributes listed, will be excluded from any further consideration by the evaluation panel.

Appendix 2



CBD Cleaning Contract

August 2015

Part 4: Maintenance Specifications

CBD CLEANING

INTRODUCTION & SCOPE OF WORKS

The maintenance is to include the following:

- Kerb & Channel Cleaning
- Cleaning of Drainage Inlets and Sump Chambers
- Removal of Litter, Detritus and Debris
- Emptying of Litter Bins
- Control of Weeds, Vegetation and Plant Pests

KERB AND CHANNEL CLEANING

Scope

The removal of litter, detritus and debris from the inverts of kerb & channel, dished channels, kerbs, pedestrian crossings, culverts, pipes, grate covers, any other waterway/obstacle along the line of the kerb and 2.0 metres out into the road pavement from the invert of the channel. All collected matter is to be disposed of at a Waste Transfer Station.

Contractor is advised that public litter bins are not to be used for disposal

Definition

Litter: Is defined as paper, cans, bottles, glass and any other inorganic material.

- <u>Detritus</u>: Is defined as any collection of fragments or material generated from road pavements, footpaths and drainage channels. Examples are sealing chip, dust, dirt etc.
- <u>Debris</u>: Is defined as any organic matter, foul matter including excrement, vomit, dead animals and any other offensive matter, timber and any other matter larger then 0.03m3 and/or 1kg in weight.

Level of Service – Performance Criteria

Central Business Districts of Marton, Bulls, Hunterville, Taihape, Turakina and Mangaweka (Broadway only) - all litter, detritus and debris is to be removed daily, including Saturday, Sunday and public holidays, prior to 10.00am.

Particular attention is to be given where litter, detritus and debris has built up in the channel and is either obvious to the general public or will cause ponding during rainfall and there is the potential for the matter to be carried down to a drainage sump causing blockage of the sump top or filling of the sump chamber.

Where a rainstorm of any magnitude is evident (does not include shower activity) any litter, detritus and/or debris that is likely to cause any flooding is to be removed prior to the rain event.

Mechanical removal (street sweeper) of litter, detritus and debris on all CBD streets is to be undertaken a minimum of six times per year including any other period where the build up of matter cannot be removed within the nominated level of service.

Any foul debris including excrement and dead animals and any other matter larger then 0.03m³ shall be removed within one hour of Contractor observation or notification to the Contractor by either Council, Contract Manager, Public or other means.

Routine Works

Routine works shall include: removal of litter, detritus and debris, excluding the removal of foul or large debris where the Contractor was notified, on a basis as required to ensure the nominated level of service is met

Ordered Works

Ordered works shall include: the removal of foul or large debris where the Contractor has observed or was notified by Council, Contract Manager, Public or other means.

Non Performance Criteria

- Central Business District outstanding works to be completed by 10.00am daily including Saturdays, Sundays and public holidays
- Foul or large debris outstanding work to be completed within one hour
- Imminent rain event any flooding to be cleared within one hour of rain event.

CLEANING OF DRAINAGE INLETS & SUMP CHAMBERS

Scope

The removal of litter, detritus and debris from the entry to all drainage inlets within the road reserve and the periodic cleaning of drainage sump chambers to ensure their effectiveness in the discharge of stormwater.

Definition

Litter, detritus and debris as defined in Technical Specification for Kerb & Channel Cleaning.

The removal of all matter that has blocked, or has the potential to block, the waterway area of any drainage inlet including sump tops, culverts, pipes and any other drainage structure within the road reserve and the removal of matter built up in a drainage sump chamber that has adversely affected, or has the potential to adversely affect, effective discharge of stormwater from the chamber.

Level of Service – Performance Criteria

CBD Area - all drainage inlets within the CBD area shall have 100% of effective waterway area cleaned, including at least 10m2 in front of the drainage inlet, before 10.00am including Saturdays, Sundays and public holidays.

Drainage Inlets - The entry to any drainage system including an area of 10m2 immediately in front of the drainage inlet shall have at least 90% of the effective waterway area clear at all times.

Sump Chambers - the level of deposited matter shall not be less then 150mm below the invert of the drainage outlet at all times

Adverse Weather - prior to any advertised or obvious potential rain event the inlet to all drainage structures are to be inspected and any matter likely to cause blockage removed. Drainage inlets are to be inspected during prolonged rain events and any matter interrupting stormwater flow is to be removed. After the rain event, and prior to any future rain event, all drainage inlets are to be cleared of any deposited matter.

Routine Works

Routine works shall include removal of any built up matter likely to impede stormwater flow to a drainage inlet.

Non Performance Criteria

Any drainage inlet observed that has less than 90% of the inlet including 10m² of an area immediately in front of the drainage inlet clear shall be cleared within one working day. Any drainage sump that has a build up of matter less then 150mm from the invert of the drainage outlet shall be cleaned within one week.

EMPTYING OF LITTER BINS

Scope

The emptying of litter bins throughout the contract area including the installation and replacement of garbage bags and the maintenance and cleaning of litter bin receptacles.

Definition

Litter Bins	Receptacles placed at various locations throughout the contract area for the placement of litter, by the public
Garbage Bags	Plastic bags placed inside the receptacle for the placement of litter, detritus and debris.
Maintenance of Litter Bins	Includes the cleaning, straightening and painting of receptacles as required or as determined by the Contract Manager.

Level of Service – Performance Criteria

Central Business District - to be emptied daily before 10.00am including Saturdays, Sundays and public holidays.

Where the contents of a litter bin are less then 200mm from the top of the receptacle the litter bin is to be emptied on the day of observation irrespective of the number of times nominated above. The garbage bags placed in the litter bins are to be in a clean and presentable condition at all times.

Litter bins are to be inspected at least monthly and necessary maintenance undertaken within one week of identification of any remedial work. Damage/wear and tear to paintwork exceeding 10% of the painted surface shall be competently repainted with the same colour.

Remedial work on major damage to litter bins is to be undertaken within 24 hours.

Servicing means to maintain, empty and clean the litter bins.

Specific tasks include:

- Emptying the bins
- Picking up all refuse and litter from the immediate area of bins.
- Undertaking or arranging for the proper disposal of the rubbish.
- Cleaning and/or painting of bins as required to maintain a hygienic condition and a good appearance, including the removal of graffiti.
- Inspection and reporting of damage, missing or inoperative bins to the Contract Manager as soon as practical.
- Reporting of high instances of littering or spillage where the placement of additional or larger bins or the relocation of existing bins may be necessary.

The Contractor shall use plastic bin liners to assist with the maintaining of the bins in a clean and hygienic condition. The contractor will be deemed to have allowed for these liners within the rates tendered in the schedule.

Level of Service – Performance Criteria

Frequency of emptying:

The Contractor shall arrange his operations so as to empty all bins before they become full, taking into consideration high usage periods such as weekends, public holidays, sporting events etc., however, any bins that are reported as filled shall be emptied within four hours of notification.

Central Business Districts – daily including Saturdays, Sundays and public holidays.

Where the contents of a litter bin are less then 200mm from the top of the receptacle the litter bin is to be emptied on the day of observation irrespective of the number of times nominated above.

Time of day of emptying

All litter bins in CBD areas are to be emptied prior to 10am so as not to cause inconvenience to business and shoppers.

Litter next to bins

All refuse and litter lying on the ground, caught in sumps or on structures and natural land features within 10 metres of the litter bin is to be collected and disposed of at the time the little bin is emptied.

Litter bins to be kept clean

Litter bins are to be kept in a clean state by regular removal of food stains, mould and other dirt on the inside and outside of the bin, including the pole, by cleaning with warm water and an approved detergent. Bin liners are to be in a clean and presentable condition at all times. Liners should be of adequate size to completely fill the bin and placed in such a way as to ensure they neither collapse inwards into the bin or turn inside out in strong winds.

Bins to be kept in good repair

Litter bins are to be inspected at least weekly.

Maintenance is to be undertaken within one week of identification of any remedial work. Remedial work on major damage to litter bins is to be undertaken within 24 hours.

Routine Works

Routine works shall include:

- The emptying of all litter bins within the nominated level of service
- Replacement of bin liners in litter bins
- The cleaning, minor straightening/securing of litter bins

The Contractor is to meet the cost of all maintenance items of work.

Ordered Works

Ordered works shall include:

- Repairs to litter bins where damage has been caused by others
- Repainting of bins
- Removal of graffiti
- Replacement of bins

The Contractor is to notify the Contract Manager of such works who shall issue a variation order for the work to proceed or make other arrangements as necessary.

Non Performance Criteria

Litter bins not emptied within the nominated level of service are to be emptied:

• CBD – within 2 hours.

PROVISION OF EXTRA BINS FOR SPECIAL EVENTS

From time to time litterbins will be required to be placed at Special Events/Sporting Tournaments etc. to comply with the Litter Act 1979. The Contractor will be given 5 days notice of such events so that bins can be placed and emptied at a frequency and time to avoid inconvenience, and the work paid for as variation.

CONTROL OF WEEDS, VEGETATION & PLANT PESTS

Scope

The control of weeds, vegetation growth and plant pests listed in the Manawatu / Wanganui Regional Council Plant Management Strategy in footpaths, water channels, road pavements, road furniture, unmaintained fence-lines, barrier walls, edge strips, grass verges outside uninhabited dwellings, vacant allotments or farmland or any other structure.

- Ensure that all areas within the vicinity of sprayed areas including grass verges, gardens, etc are not affected by chemical spray.
- Approved chemicals are only to be used by qualified chemical applicators.
- Glyphoste 'Green' is only to be used in and adjacent to flowing streams.

Definition

To chemically control the growth of weeds, vegetation and plant pests to maintain an ascetic appearance at all times.

• Water Channel – any structure that is used for the carriage of stormwater including kerb & channel, concrete inverts, kerbs, culvert and pipe inlets and outlets and open drains.

Level of Service – Performance Criteria

All weeds, vegetation and plant pests are not to exceed 50mm in height and/or exceed an area of 100mm2.

Routine Works

Routine works shall include: the periodic spraying of weeds, vegetation and plant pests to comply with the nominated levels of service.

Non Performance Criteria

Any weeds, vegetation or plant pests exceeding the nominated levels of service are to be sprayed within 3 working days.

Any growth of a height and/or area that exceeds the nominated level of service is to be manually removed in lieu of spraying.

UNSCHEDULED DAY WORKS

General

This Section sets out the requirements for the completion of unscheduled day works that shall be carried out as directed by the Contract Manager when there are no other appropriate Scheduled Items.

The Contract Manager reserves the right to obtain quotes and appoint any other Contractor who provides competitively priced proposals to complete any works within the Contract Area and falls within the scope of this Specification.

Responses

The response time to carry out the work shall be specified with each unscheduled day works instruction. Response times will be appropriate to the size of the work and the significance of the safety issue.

Priced Proposal

When requested by the Contract Manager the Contractor shall submit priced proposals to complete works where there are no applicable Schedule Items or the work is more extensive than is allowed for in the Basis of Payment.

The priced proposals shall contain details of the:

- Description of work proposed to be completed detailing the extent and quantities of work required.
- Proposed date of completion.
- Fixed price quote to complete work.
- Breakdown of the above price if requested by the Contract Manager.

The acceptance of all priced proposals shall be subject to the availability of funding. On acceptance of the Contractor's proposal the work shall be incorporated into the current programme.

The Contract Manager will make no payment for any unscheduled day works completed prior to the acceptance of the proposal for the work.

INFORMATION MANAGEMENT

Information management is a key component for the success of the contract. The management of asset information data in this contract as described below requires a level of system integration between Council and the Contractor. The Council uses a customer request (CRM) system and is moving to Assetic as its asset database.

Enquiry and response system

Customer enquiries: The contractor shall ensure that they have a suitable IT set-up to be able to receive and respond to RFSs from the Council. Similarly the details of calls from the public which are received directly by the Contractor, are to be forwarded to the Council for entry into the RFS system, regardless of the nature of the call. The Contractor is required to provide information in order for Council to enter and close off RFS items in a timely manner consistent with the levels of service provided for in Section 3.

Asset Information

Rangitikei and Manawatu District Councils have a shared service agreement for the provision of assets. It is the intention of both Councils, through the sharing of resources and initiatives, that asset management practices will advance in both organisations.

The Council currently Bizeasset to store information about its infrastructure assets. The replacement and renewal of man-made assets, by the Contractor, generates asset information that is of value to the Council for the purposes of asset management planning. The Contractor is to ensure that this information is provided to the Council through the monthly reports, in the month following the physical work being undertaken. The Council may specify the format and minimum value of the work to be recorded for this purpose.

It is the intention of the Council, during the term of this contract, to move towards formal condition and performance assessment of its man-made assets for the purposes of forecasting future renewals and asset replacements. The Council intends using the Parks and Recreation Asset Management Systems (PRAMS) Group Condition Grading Manual and a performance monitoring system developed by the Council.

The Contractor may be required in the future to undertake formal condition and performance monitoring and provide resulting asset data to the Council as a variation to this contract. In this event, the Council will provide the Contractor with information and training on the monitoring process, certify the Contractor's staff and undertake audits of the annual monitoring process.

It will be the contractor's responsibility to collect asset data and provide asset monitoring information to the Council in a timely manner, in an agreed electronic format.