

# Assets/Infrastructure Committee

## Tabled Documents

15 March 2018

<b>Item 6:</b>	<b>Chairs report</b>
<b>Item 11:</b>	<b>Marton Wastewater Treatment Plant</b>
<b>Item 14:</b>	<b>Activity Management Reports</b>

**Subject:** Chairs Report A/I committee. March 18

**From:** Jilden <jilden@xtra.co.nz>

**Date:** 15/03/2018 7:09 AM

**To:** Dean / Jill <jilden@xtra.co.nz>

Chairs Report A/I committee. March 18

Unfortunately Mayor Andy and myself had hoped to share a positive outcome to the bore situation at Ratana, but the meeting that we had organised for tuesday didn't eventuate due to the Duncan's misunderstanding of dates. Never mind we hope to meet in the very near future to sort this mess out. It has dragged on for far to long. Which brings me to the next issue of now formalising other easements and land ownership of assets around the district. The report in today's agenda shows the magnitude of the problem and I believe it's time to engage with land owners to have either legal easements or negotiate to buy the land our assets are sited on. It is unfortunate but the days of the good old handshake I think have gone. This will definitely come at a cost but the cost of not doing this could, in time, be considerably larger.

The Bony Glen or Leachate report goes along way to addressing the huge problem that was effecting the ponds this time last year, and while there is still along way to go as far as R&D on their part it is good to see the huge difference in the leachate that is being deposited to the waste water treatment plant. There will be discussions on this today.

Finally it's great to see many of our staff and contractors extremely busy throughout the district making the most of the good weather getting the jobs done. Drive through any of our towns and there are serious upgrades being done with extremely professional teams. Businesses I have asked in Broadway here in Marton understand the need to do this and praise the contractors for trying to minimise the disruption to business.

Dean

Sent from my iPhone

**TABLED DOCUMENT**

Tabled at Assets / Infrastructure  
on 15 March 2018


 Tabled at Assets / Infrastructure

 on 15 March 2018

# Memorandum

**To:** Assets/Infrastructure Committee  
**From:** Nardia Gower  
**Date:** 15 March 2018  
**Subject:** Questions of Assets/Infrastructure Reports March 2018  
**File:** 5-EX-3-2

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## 1 Background

- 1.1 The purpose of this memorandum is to collate questions asked about information contained in the Activity Management Templates and the answers provided.
- 1.2 Questions around other information provided in the order paper are also collated here.

## 2 Questions

- 2.1 Question in regards to the report/recommendation for Item 11. Marton Wastewater Treatment Plant.
  - 1. 5.3: Why is Ammonia limit of 100g/m3 being recommended/sort when since Jan 2018 it has been, as per the report, 'consistently' 25g/m3, suggest a lower amount/limit be set?
  - 2. Who is the 'monitoring agent' for the limit set? What are the penalty's for breaching the limit? Is there a cost to RDC to monitor? Is the ammonia limit tested before being transported to Crofton?
  - 3. 5.2: As per the recommendations "for a term which correlates to current and to be sort treated waste water discharge resource consents" --- how long is that exactly? In other words how long is the new agreement to accept treated leachate?
  - 4. Is leachate acceptance cost natural to Council noting that that the fees charged are a significant income?
- 2.2 The answers will be verbally provided to the Committee at the meeting.

### **3 Recommendation**

- 3.1 That the memorandum 'Questions of Assets/Infrastructure Reports March 2018 ' to the Assets/Infrastructure Committee meeting on 15 March 2018 be received.

Nardia Gower  
Governance Administrator





Marton Wastewater Treatment Plant Upstream Sampling Point

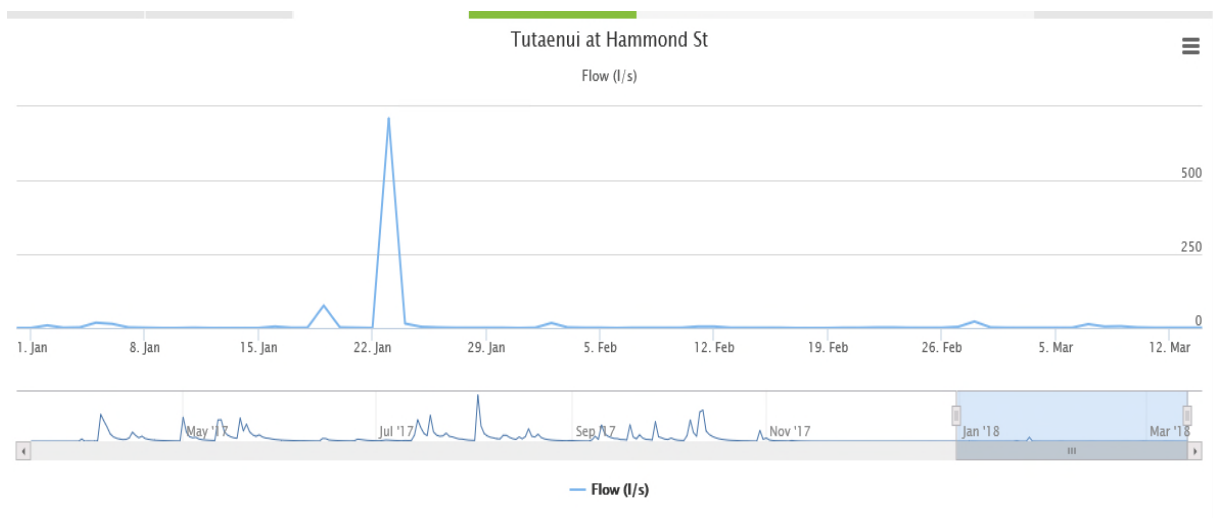


Marton Wastewater Treatment Plant Downstream Sampling Point





Marton Wastewater Discharge to Tutaenuni Stream – 14 March 2018



Flow data from Horizons Regional Council web site since 1 January 2018

**RDC ROADING REPORT: FEBRUARY 2018****1. MAINTENANCE, OPERATIONS AND RENEWALS**

- This year's resealing programme of 61 km has been completed.
- Pre-reseal repairs for the 2018/19 year have been programmed.
- Installing the new LED streetlights in residential streets is substantially. The objective is to complete installation by June 2018.

**2. CAPITAL PROGRAMME 2017/18****Area Wide Treatment sites**

Location	Length	Start construction	Completion Due
Galpins Road (RP1080-1800)	720m	4-Dec-18	Prog. Apr-18
Jefferson's Line (RP3840-4415)	575m	Prog. Mar-18	Prog. Apr-18
Mangitipona Road (RP1520-2520)	2600m	23-Oct-17	Prog. Mar-18
Parewanui Road/Ferry Road Int (RP0500-0550)	75m	Prog. Apr-18	Prog. May-18
Parewanui Road (RP5820-7780)	1960	Prog. Mar-18	Prog. May-18



*Photo: extending the box culvert in preparation for construction of the safety shoulders and pavement overlay*





*Photo: construction of the safety shoulders in preparation for the pavement overlay*

#### **Minor safety improvements:**

Location	Start construction	Completion Due
Turakina Valley Road 3 (RP 2075) Guardrail to bridge approach	Prog. Apr-18	Prog. May-18
Turakina Valley Road 2 (RP12750 – Mangara Br) Guardrail to bridge approach, in conjunction with seal extension	6-Nov-17	16-Nov-17
Pungatawa Road RP 6700 – widen blind corner with large drop-off	Prog. May-18	Prog. Jun-18

#### **Mangaweka Bridge**

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

Funding for the Detailed Business Case (DBC) was approved by NZTA in December 2017. The DBC is expected to be complete by May 2018.



### 3. EMERGENCY WORKS

Emergency Works events under repair during this financial year:

The damage to trees from snow event of 13-14 July has been cleaned up. A number of dropouts require repair. The application to NZTA to obtain \$2.0M of funding for the event has been approved.

Event	Status
June-15	3 sites remain. Completion due June 18
April-17; cyclone Debbie	Repairs for dropouts underway. Completion due May 18
July-17; Snow event	Repairs for dropouts underway. Completion due June 18





### 4. OTHER PROJECTS

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

- The 3 km unsealed section of Turakina Valley Road 2 between McLeay's Bridge and near Mangahoe Road has been approved for seal extension. Sealing this section of road would provide an alternative sealed road to SH3. The next stage near Mangatipona Road is under design due to start May-18 and will be finished before the Ratana celebrations in November.
- Broadway Marton – watermains, stormwater, kerb and channel upgrade, and installing ducts for the UFB-2 programme.  
Laying the feeder watermains, UFB ducting, removing the kerb and channel on the west side has commenced. The connection details at Follett St are being refined. The project is expected to run through into March-17.
- Ratana 100 year Celebrations – 7/11 November 2018

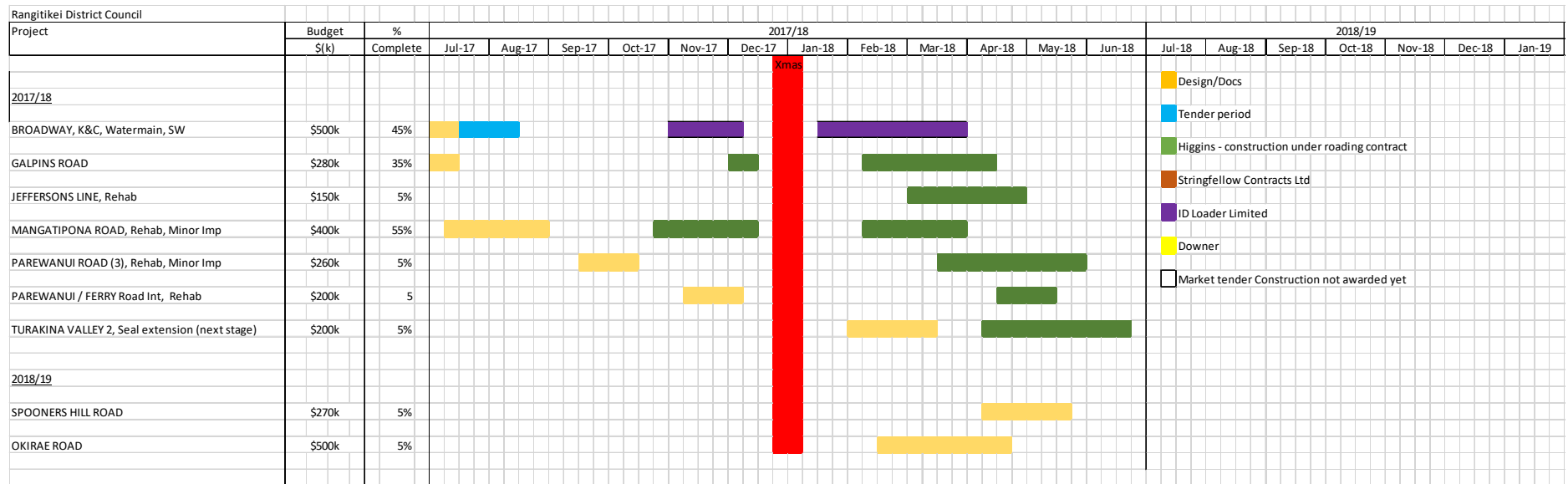
Ratana Pa will be celebrating 100 years of the church movement. It is expected that very large numbers will attend the event. The event is expected to place large pressures on Ratana Road the only road to the Pa and SH3 approaching Ratana Road. A lot of work will be required by the event organisers to quantify the numbers expected, which then set the level of temporary traffic management required. The intersection of Ratana Road and SH3 is at the crest of a hill with limited sight distance, and passing lanes on both sides of the hill. The road geometry combined with very heavy traffic conditions is expected to create safety issues on SH3. To maintain a safe road environment on the SH during the event will require NZTA to provide a very high level of temporary traffic management and a back-up plan to prevent gridlock on the highway.

## 5. HEALTH AND SAFETY

<div>    </div> <div>RDC - ZERO HARM REPORTING</div> <div>  </div>													
LEAD INDICATORS													
Type	Explanation	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
Drug and Alcohol Tests	LEAD: Total number of drug and alcohol tests completed in the period for pre-employment	0	3	3	2	2	0	2	3				
Positive Drug and Alcohol Tests	The total number of positive Drug and Alcohol test results in the period	0	0	1	0	1	0	0	0				
Site H&S Conversations	The total number of site H&S Conversations completed in the period by Contractors or site	0	3	3	3	5	12	3	3				
Site Health and Safety Audits	The total number of site Health and Safety Audits completed in the period by the	12	15	13	14	14	5	5	12				
Safety Briefing	The total number of Safety Briefings completed in the month including pre-starts, toolbox	5	5	5	5	5	5	4	4				
Near Miss (Close call)	The total number of Near Misses submitted in the month by the site team	1	2	0	1	5	0	0	0				
Traffic Management Inspection	Total number of audits completed by the designated Site Traffic Manager Supervisor	2	3	2	0	0	0	0	0				
Sub Contractor Review	Number of Sub Contract Reviews completed by the main Contractor in the period	0	1	0	0	0	0	0	0				
Stop Work Action	The number of occasions when work is suspended proactively due to a member of the	0	0	0	0	0	0	0	0				
Positive Reinforcement	The number of occasions the site team have been congratulated of a proactive action or	0	0	3	3	0	12	3	2				
LAG INDICATORS													
Type	Explanation	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
Fatal Injuries	Any incidents resulting the loss of life of a transport agency, contractor or Sub Contractor	0	0	0	0	0	0	0	0				
Notifiable Injuries	Any incident required under H&S Legislation to be reported to a Statutory Authority e.g. Worksafe	0	0	0	0	0	0	0	0				
Lost Time Injuries	Any work related injury or illness certified by a Medical Practitioner and compensable under	0	0	0	0	0	0	0	0				
Medical Treatment Injuries	The Management and care of a patient to effect Medical Treatment or combat disease or	0	0	0	0	0	0	0	0				
First Aid Injuries	Treatment administered by and within the qualifications of a trained first aid attendant or	0	0	0	0	0	0	0	0				
Recordable Injuries	NO NOT COMPLETE	0	0	0	0	0	0	0	0				
Serious Environmental Incidents	Environmental controls absent or construction of a device is so poor that it is likely to or has led to	0	0	0	0	0	0	0	0				
Service Strikes	Contact with an above ground or buried service resulting in damage or potential damage to the	0	0	0	0	0	0	0	0				
Property Damage	Contact with third party property resulting in damage	0	3	2	0	0	0	0	0				

- No Incidents or Close calls reported this month

## 6 PROGRAMME GANTT CHART





## 7 FINANCIAL TRACKING

Maintenance			Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
141	Emergency Works		Actual											
	Jun-15	827,812		80,265	112,492	122,889	122,889	129,603	129,603	295,603				
	Apr-17 (Debbie)	322,000			33	193,697	193,697	17,427	30,962	30,962				
	Jul-17 (Snow)	2,000,000		193,564	516,666	516,666	516,666	779,559	779,559	896,647				
Emergency Works - Totals		3,149,812	Actual	273,829	629,191	833,252	833,252	926,589	940,124	1,223,212				
			Forecast							1,223,212	1,700,000	2,100,000	2,500,000	3,150,000
			Budget	262,484	524,969	787,453	1,049,937	1,312,422	1,574,906	1,837,390	2,099,875	2,362,359	2,624,843	3,149,812
Maintenance														
111	Sealed Pavement Maintenance	900,000		1,134	4,083	12,756	17,175	117,411	272,164	361,808				
112	Unsealed Pavement Maintenance	383,500		22,450	44,537	66,638	89,197	108,587	127,321	146,055				
113	Routine Drainage Maintenance	700,000		41,933	105,229	155,534	231,911	305,694	375,319	396,346				
114	Structures Maintenance	212,800		5,245	16,564	23,579	34,964	43,426	48,730	56,671				
121	Environmental Maintenance	1,302,176		83,886	324,530	746,410	1,288,425	604,850	681,235	806,915				
122	Traffic Services Maintenance	445,000		20,481	40,407	92,690	113,520	133,695	158,934	196,712				
124	Cycle Path Maintenance													
131	Level Crossing Warning Devices	30,675			300	300	300	300	300	300				
151	Network & Asset Management	1,151,325		95,992	152,877	293,429	346,553	435,225	486,607	557,935				
Maintenance - Totals		5,125,476	Actual	271,121	688,527	1,391,336	2,122,045	1,749,188	2,150,610	2,522,742				
			Forecast							2,522,742	3,100,000	3,700,000	4,200,000	5,125,476
			Budget	427,123	854,246	1,281,369	1,708,492	2,135,615	2,562,738	2,989,861	3,416,984	3,844,107	4,271,230	5,125,476
Renewals														
211	Unsealed Roads Metalling	460,125		59,922	101,625	159,916	211,628	223,395	223,395	223,395				
212	Sealed Roads Resurfacing	1,789,375		0	500	507	507	507	266,097	663,498				
213	Drainage Renewals	352,425		10,167	76,092	76,092	76,092	76,092	109,571	190,123				
214	Sealed Road Pavement Rehabilitation	1,688,679		49,577	66,834	214,863	269,944	369,386	422,073	565,501				
215	Structures Component Replacements	189,163		0	0	175	175	35,480	45,322	48,084				
222	Traffic Services Renewal	224,950		167,590	168,677	176,516	183,412	187,175	189,514	199,877				
231	Associated improvements													
Renewals - Totals		4,704,717	Actual	287,256	413,728	628,069	741,758	892,035	1,255,972	1,890,478				
			Forecast							1,890,478	2,950,000	3,800,000	4,200,000	4,450,000
			Budget	392,060	784,120	1,176,179	1,568,239	1,960,299	2,352,359	2,744,418	3,136,478	3,528,538	3,920,598	4,312,657
Road Improvements														
324	Road Improvements (LED's)	644,332					254,519	400,749	444,479	444,479				
324	Road Improvements	525,000		33,457	90,962	99,532	131,357	274,666	449,872	451,617				
341	Minor Improvements													
325	Taihape Napier Road Seal Extn	42,681				1,345	1,345	1,345	7,645	7,645				
Renewals - Totals		1,212,013	Actual	33,457	90,962	100,877	387,221	676,760	901,996	903,741				
			Forecast							903,741	975,000	1,050,000	1,100,000	1,150,000
			Budget	101,001	202,002	303,003	404,004	505,005	606,007	707,008	808,009	909,010	1,010,011	1,111,012

