

Rangitikei District Council

Erewhon Rural Water Supply Sub-Committee Meeting

Order Paper – Wednesday 9 November 2016 – 4:00 p.m.



Contents

1	Apologies	2	
2	Confirmation of Minutes	2	Attachment 1, pages 1-7
3	Matters Arising	2	
4	Operations Report	2	Attachment 2, pages 8-10
5	Financial Report.....	2	Attachment 3, pages 12-22
6	Compliance Report	2	Attachment 4, pages, 24-30
7	Members/Questions Report.....	2	
8	Date of Next Meeting	2	

1 Apologies

2 Confirmation of Minutes

Recommendation

That the minutes of the Erehon Rural Water Scheme Sub-Committee meeting held on 10 August 2016 be taken as read and verified as an accurate record of the meeting.

3 Matters Arising

4 Operations Report

Recommendation

That the Engineers Report, be received.

5 Financial Report

Recommendation

That the Statement of Operations: Period ending

6 Compliance Report

Recommendation

That the Compliance Report, be received.

7 Members/Questions Report

8 Date of Next Meeting

Wednesday 8 February 2017



Rangitikei District Council

Erewhon Rural Water Supply Sub-Committee Meeting

Minutes – Wednesday 10 August 2016 – 4:00 p.m.

Contents

1	Apologies	2
2	Confirmation of Minutes	2
3	Matters Arising	2
4	Operations Report	2
5	Financial Report	3
6	Members/Questions Report	3
7	Date of Next Meeting	3

Present:

Mr J Gilbert (Chair)
 Mr P Batley
 Mr B Thomas

In attendance:

Mr D Smith, Taihape Plumbing
 Mr D Miller, Asset Engineer
 Mr A van Bussel, Operations Manager
 His Worship the Mayor, Mr A Watson
 Mrs S Srhoj, Administration

1 Apologies

Resolved minute number 16/ERWS/027 File Ref

That the apologies from Mr G Duncan, Mr G Melville, Mr O Dickson, Cr Gordon and Mr McIrvine for absence be accepted.

Mr J Gilbert/Mr P Batley. Carried

2 Confirmation of Minutes

Resolved minute number 16/ERWs/028 File Ref

That the minutes of the Erewhon Rural Water Scheme Sub-Committee meeting held on 11 May 2016 be taken as read and verified as an accurate record of the meeting.

Mr P Batley/Mr D Smith. Carried

3 Matters Arising

There was some discussion on whether work on the river crossing at Gilberts could be done in sections. Mr van Bussel replied that at present there were no issues with this line; however there would be this option if need be.

There was further discussion on the condition of the bridge. Mr van Bussel and Mr Smith to undertake an inspection as there may be a need to install a non-slip material onto the planks.

Mr van Bussel advised that in the near future he was to attend a conference where piping systems etc. would be on display. His intention was to view the various options that were available for a jointing system that would take high pressure and be easy to install.

4 Operations Report

Mr van Bussel spoke to the Operations Report.

He advised that following a site visit with Mr Smith it was determined that the following jobs be considered for future work.

- Thompson T to be tidied up. Mr Smith and Mr van Bussel to work on a design. They would discuss the positioning with Mr Thompson. It was thought that the scheme would be down for one day while the work was carried out. The Committee would be advised.
- Work to be done on the line from Durant's to Hiwera.

- Kaiangaroa-tidy up.
- Replacing the tank at Rob Stratton's due the cracks around the base and it being on a lean.

Mr Miller advised that Council had received a draft consent compliance report from Horizons Regional Council for the period 1 April 2015 to 31 March 2016 which indicated that the scheme was fully compliant. A copy of the final report to be sent to the Committee once received.

Resolved minute number **16/ERWS/029** **File Ref**

That the Operations Report – July 2016 be received.

Mr P Batley/Mr J Gilbert. Carried

5 Financial Report

As Council's financial staff were unable to attend the meeting, Mr Miller advised that last years financial report was yet to be finalised but would be available for the November meeting.

The Committee felt that there needed to be more clarification on some of the terms. They asked that these concerns be passed on Council's Financial team.

These included:

MDC Charges – PSU Retic

Notional bank account

Erewhon W/Board Lease – not well documented-need to change heading

Mr Smith to provide quotes for the four proposed jobs before November. If there was the possibility that prices were to increase, the Committee agreed that it would be to their advantage to provide Mr Smith with a progress payment in order to purchase the pipe.

Resolved minute number **16/ERWS/030** **File Ref**

That the Statement of Financial Position at 31st May 2016, be received.

Mr B Thomas/Mr P Batley. Carried

6 Members/Questions Report

There was no further discussion.

7 Date of Next Meeting

The next meeting to be held Wednesday 9 November 2016

8 Meeting closed

The meeting closed at 4.35pm.

Unconfirmed



REPORT

SUBJECT: **Operations Report – October 2016**

TO: Erewhon Rural Water Supply Committee

FROM: Andrew van Bussel

DATE: 1 November 2016

FILE: 6-WS-3-2

1 Work Completed

1.1 The following work was completed by Taihape Plumbing from 14 July to 22 September 2016:

- 14/7 Discuss history of renewals with Asset Management Officer at RDC
- 20/7 Renew Flow Meter and reinstate – Thompson’s Tee
- 21/7 Carry out Monthly Check
- 22/7 To locate leak – dig up and repair in Kim Duncan’s property
- 25/7 Fit measuring point at B Duncan’s tank site
- 25/7 Fit new marrack at B Duncan valve box
- 25/7 Fit measuring point at Kara Wipakis tank site
- 25/7 Fit new marrack valve at Anstiss tank site
- 3/8 Start of Nine Monthly Checks
- 4/8 Run lines, check tank flows and run sluices on Mangaohane E and F tanks, Kelly Land Co 1, 2, 3 and 4 tanks and Rangitikei pipe bridge
- 5/8 Run lines, check tank flows and run sluices on Makokomiko, Pukerimu and Surge Hut
- 9/8 Run lines, check tank flows and run sluices on Hennah Block, Kaiangaroa, Kara Wipaki’s and Moores
- 11/8 Run lines, check tank flows and run sluices on Mako deer Block, Kaiangaroa, Jock Strattons, Rob Strattons, Tim Orums and John Gilberts

- 12/8 Exploratory work on around valve boxes at Thompson's Tee
- 15/8 Run lines, check tank flows and run sluices on John Batleys, John Durrants, Hiwera, Rob Colliers, Len Gilberts, Andrew Duncans, Thompsons and Tama Wipakis
- 16/8 run lines, check tank flows and run sluices on John Birds, Len Gilberts, mary Makos and Barry Thomas. Run Sluices at Moawhango river
- 17/8 Run lines, check tank flows and run sluices on Kim Duncans, Peter Batleys and Dan Moores.
- 18/8 No Water at Kara Wipakis
- 19/8 High Flow Sheps line
- 22/9 Carry out Monthly Check

- 2.1 The scheme has been running well.
- 2.2 Thompson's T project, Durrant's to Hiwera and Rob Stratton's tank quotes will be tabled.
- 2.3 That the report "Operations Report – October 2016" be received.

Andrew van Bussel
Operations Manager

Rural Water Supplies Cash Flow Statement
 Erewhon
 Sep-16

	YTD Actual 2015/16	YTD Budget 2015/16	FYR Budget 2015/16
Revenue			
Operating revenue	0	0	0
General rates	5,127	5,127	(1)
Interest received	0	1,110	(1,110)
Total revenue	5,127	6,237	(1,111)
Expenses			
Operating expenses	44,020	39,798	(4,223)
Overheads	4,565	5,130	564
Interest paid			0
Add back non-cash items	(22,651)		
	25,934	44,928	(3,659)
Net surplus from operating	(20,808)	(38,691)	2,548.00
Capital items			
Capital expenditure	(1,145)	31,305	30,160
Loan repayments		0	0
Total capital	(1,145)	31,305	30,160
Net cash surplus(deficit)	(21,953)	(69,996)	(27,612)

Notional bank account	
Opening balance	68,596
Cash surplus(deficit) above	(21,953)
Closing balance 30 Sep 2015	46,643

0012

Rural Water Supplies Cash Flow Statement

Erewhon

Jun-16

	YTD Actual 2015/16	YTD Budget 2015/16	FYR Budget 2015/16
Revenue			
Operating revenue	146,166	178,508	178,508
General rates	18,371	19,031	19,031
Interest received	4,409	3,816	3,816
Total revenue	168,946	201,355	201,355
Expenses			
Operating expenses	261,371	153,494	153,494
Overheads	18,372	19,031	19,031
Interest paid			0
Add back non-cash items	(175,281)		
	104,462	172,525	172,525
Net surplus from operating	64,485	28,830	28,830.00
Capital items			
Capital expenditure	84,077	116,224	116,224
Loan repayments		0	0
Total capital	84,077	116,224	116,224
Net cash surplus(deficit)	(19,592)	(87,394)	(87,394)
Notional bank account			
Opening balance	88,188		
Cash surplus(deficit) above	(19,592)		
Closing balance 30 Sep 2015	68,596		

0000

Water Supply Erewhon

Statement of Operations

Revenue

Rates

	Actual YTD	Budget YTD	Budget Full Yr
60616 142 Metered Supply Charges	146166.24	178508	178508
Total Rates	146166.24	178508	178508

Apportioned Rates Revenue

60616 808 General Rates	18370.82	19031	19031
60616 809 Interest Charged Rate A/C	4409.40	3816	3816
Total Apportioned Rates Revenue	22780.22	22847	22847

Internal Charges

60616 179 Allocated o/heads CEO	2727.10	2438	2438
60616 179 Allocated o/heads Fin Services	8728.49	9239	9239
60616 179 Allocated o/heads Stat Planning	3980.41	4265	4265
60616 179 Allocated o/heads Cust Services	237.92	249	249
60616 179 Allocated o/heads Assets		2840	2840
Total Internal Charges	18371.82	19031	19031

Expenditure

60616 343 Telephone Costs	522.36	1000	1000
60616 406 Erewhon W/Board Lease	2541.10	3000	3000
60616 562 Depreciation - Infrastructure	54149.53	89048	89048
60616 565 Insurance	2523.01	2146	2146
60616 567 Rates - Utility	121131.41		
60616 630 Professional Services - MDC	6969.18	10300	10300
60616 630 MDC Charges - PSU		5000	5000
60616 630 MDC Charges - Treatment	795.00		
60616 681 Operational Costs - Contractors External	1600.00		
60616 692 External contractor	62313.11	40000	40000
60616 697 Resource Consents	7693.98		
60616 699 Materials		2000	2000
		1000	1000
Total Expenditure	261370.68	153494	153494

Net Surplus

Net Surplus	-110796.04	28830	28830
-------------	------------	-------	-------

Capital - Renewals Infrastructure

60616 762 Erewhon Reticulation - contractor	83757.18	116224	116224
60616 762 MDC Charges - PSU Retic	320.00		
Total Capital - Renewals Infrastructure	84077.18	116224	116224

Capital - Projects

60616 799 CAPITAL CONTRA	-84077.18		
Total Capital - Projects	-84077.18		
Net Projects		116224	116224

Equity

60616 966 EREWHON RWS-REVAL.RESERVE	216515.44		
60616 990 Public Equity Erewhon Water	3140751.09		
Net Surplus	-110796.04	28830	28830
Working Capital	-68595.75	87394	87394
Total Equity	3177874.74	116224	116224

Non Current Assets			
60616 886 Water Supply Schemes	-3436683.57		
60616 886 Provision for depreciation	258808.83		
Net Projects		-116224	-116224
Total Non Current Assets	-3177874.74	-116224	-116224
Non Current Liabilities			
Net Assets	3177874.74	116224	116224

3357266.53 Assets

-3177874.74 Less Non Current Assets as there are no liabilities

-110796.04 net surplus

68595.75 Working Capital

EREWHON RURAL WATER SUPPLY FINANCIAL STATEMENTS
STATEMENT OF FINANCIAL POSITION
AT 30th JUNE 2016

Capital Projects

Capital - Renewals Infrastructure

60616 762 01	Erewhon Reticulation - contrac	83757	116224.00	116224.00
60616 762 03	MDC Charges - PSU Retic	320	0.00	0.00
Net Projects	Total Capital - Renewals Infrastructure	84077	116224.00	116224.00

Equity

60616 966	EREWHON RWS-Reval Reserve	216515	0.00	0.00
60616 990	Public Equity Erewhon Water	3140751	0.00	0.00
	Total Non Current Assets	3357267	0.00	0.00
	Net Surplus	-110796	0	0
	Working Capital	-68596	0	0
	Total Equity	3177875	116224.00	116224.00

Non Current Assets

60616 878	Infrastructure	0	0.00	0.00
60616 886	Water Supply Schemes	0	0.00	0.00
60616 886 01	Provision for depecciation	258809	0.00	0.00
	Net Projects		0.00	0.00
	Total Non Current Assets	258809	116224.00	116224.00

Non Current Liabilities

		0	0.00	0.00
--	--	---	------	------

Net Assets

		258809	116224.00	116224.00
--	--	---------------	------------------	------------------

EREWHON RURAL WATER SUPPLY FINANCIAL STATEMENTS
STATEMENT OF FINANCIAL POSITION
30th SEPTEMBER 2016

Capital Projects

Capital - Renewals Infrastructure

60616 762 01	Erewhon Reticulation - contrac	0	31,305	125,224
60616 762 05	MDC Charges - PSU Retic	1,145	0	0
Net Projects	Total Capital - Renewals Infrastructure	1145	31305.00	125224.00

Equity

60616 966	EREWHON RWS-Reval Reserve	216,515	0	0
60616 990	Public Equity Erewhon Water	3,029,955	0	0
	Total Non Current Assets	3246470	0.00	0.00
	Net Surplus	-43459	8649	34621
	Working Capital	-46643	22656	90603
	Total Equity	3156368	31305.00	125224.00

Non Current Assets

60616 878	Infrastructure	22,651	0	90,604
60616 886	Water Supply Schemes	-3,436,684	0	0
60616 886 01	Provision for depecciation	258,809	0	0
	Net Projects	-1,145	-31,305	-125,224
	Total Non Current Assets	-3156368	31305.00	125224.00

Non Current Liabilities

		0	0.00	0.00
--	--	---	------	------

Net Assets

		3156368	31305.00	125224.00
--	--	----------------	-----------------	------------------

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

COMPLY

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

Water Permit 103986 and 103987 - Erewhon

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

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

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

COMPLY - FULL

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

HRC have telemetry installed at the abstraction site to log and transfer the abstraction volumes. This data indicates that the maximum daily abstraction rate has been complied with for the time period 1 April 2015 – 31 March 2016.

COMPLY- FULL

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

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

COMPLY- FULL

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

- i. *The flow meter shall be positioned within straight lengths of steel pipe of uniform wall thickness (excluding flanges) before and after the meter.*

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

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

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

COMPLY- FULL

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

COMPLY- FULL

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

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

HRC have installed a telemetry system at the site.

COMPLY- FULL

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

NOT ASSESSED

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

COMPLY-FULL

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

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

COMPLY- FULL

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

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

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

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

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

COMPLY-FULL

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

NOT ASSESSED

12. *The Manawatu-Wanganui Regional Council may, under Section 128 of the Resource Management Act 1991, initiate a review of all conditions of this Permit in the month of May in the years 2012, 2015, 2017 and 2023. The reviews shall be for the purpose of reviewing the effectiveness of the conditions in avoiding or mitigating any adverse effects on the environment which may arise as a result of the exercise of this Permit. The review may be necessary to:*

- i. assess the water abstraction volumes and rates detailed in Conditions 2 and 3 of this Permit for consistency with any review of any Regional Water Allocation Policy developed, and if necessary change the monitoring outlined in Conditions 4, 5, 6, 7 and 8 of this Permit;
- ii. deal with any significant adverse effects on the environment which may arise as a result of this Permit; and

The review of conditions shall allow for:

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

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

NOT ASSESSED

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

NOT ASSESSED

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

Water Permit 103988 - Omatane

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

HRC have telemetry installed at the abstraction site to log and transfer the abstraction volumes. For the period 1 April 2015 – 30 March 2016 the data received indicates that these limits were complied with. One volume of 389m³/day on 13 February 2016 was deemed a non-compliant abstraction as it could be explained by an increase in pumping and/or a leak. RDC reported that "This reading can be attributed to a significant 'wobble' in the SCADA that sees hourly abstraction fluctuate between 0m³/hr and 78m³/hr over a matter of hours".

COMPLY - FULL