

Rangitikei District Council

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Rangitikei
UNspoilt...

Hunterville Rural Water Supply Management Sub-Committee

Order Paper

**Monday 13 June 2016,
3.00pm**

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

Website: www.rangitikei.govt.nz

Email: info@rangitikei.govt.nz

Chair

Bob Crawford

Membership

Mark Dawson, Bernie Hughes, Brett Journeaux
John McManaway, Paul Peterson, Sam Weston, Councillor Dean McManaway
Ex officio, His Worship the Mayor, Andy Watson

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

Hunternville Rural Water Supply Sub-Committee Meeting

Order Paper – Monday 13 June 2016 – 3:00 p.m.

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The quorum for the Hunternville Rural Water Supply Management Sub-committee is 4.

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 Roou Ahi Kaa, the Community Committees, the Reserve Management Committees and the Rural Water Supply Management Sub-committees) is that required for a meeting of the local authority in SO 2.4.3 and 3.4.3.

1 Welcome

2 Apologies

3 Notification of late items

4 Confirmation of minutes

Recommendation

That the Minutes of the Hunterville Rural Water Supply Sub-Committee meeting held on 11 April 2016 be taken as read and verified as an accurate and correct record of the meeting.

5 Chair's report

A report will be tabled at the meeting.

6 Hunterville Rural Water Supply – Operations Report

A report is attached.

File ref: 6-WS-3-4

Recommendation

That the 'Hunterville Rural Water Supply — Operations report', dated June 2016, be received.

7 Financial report – April 2016 month end

A memorandum is attached.

Recommendation

That the Financial report to the Hunterville Rural Water Supply Management Sub-committee's meeting of 13 June 2016 be received.

8 Electricity costs for Hunterville Rural Water Supply

A report is attached.

File ref: 6-WS-3-4

Recommendation

That the report 'Electricity costs for Hunterville Rural Water Supply' be received.

9 General business

10 Next meeting

8 August 2016, 3.00 pm

11 Meeting closed

Attachment 1

Rangitikei District Council

Huntermville Rural Water Supply Sub-Committee Meeting

Minutes – Monday 11 April 2016 – 3:00 p.m.



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Present: Mr Bob Crawford (Chair)
Mr Bernie Hughes
Mr Brett Journeaux
Mr John McManaway
Mr Ivan O'Reilly
Cr Dean McManaway

In attendance: Mr Ross McNeil, Chief Executive
Mr George McIrvine, Finance and Business Support Group Manager
Mr Andrew van Bussel, Operations Manager
Mrs Joanna Saywell, Utilities Asset Manager
Ms Carol Downs, Executive Officer

1 Welcome

The Chair welcomed Committee members and Council staff to the meeting.

2 Apologies

That apologies for absence from Mr S Weston, His Worship the Mayor and Mr Ivan O'Reilly, and the apology for lateness from Mr J McManaway be received.

Cr McManaway / Mr Journeaux. Carried

3 Notification of late items

There were no late items presented for discussion.

4 Confirmation of minutes

Resolved minute number	16/ HRWS/007	File Ref
------------------------	--------------	----------

That the Minutes of the Hunterville Rural Water Supply Management Subcommittee meeting held on 1 February be accepted.

Mr Journeaux / Mr Hughes. Carried.

5 Issues arising

Mr van Bussel undertook to follow up on the connection to the scheme for Mr GH Rhodes

Mr J McManaway arrived at 3.10pm

6 Chair's report

Mr Crawford said he is being kept up to date with Porewa river matters. He advised that recently Mr John Henderson had an issue with his water but could not get hold of Ivan O'Reilly and the after-hours service had no contact details for rural water schemes. This was addressed by the Chief Executive's office and information sent to the after-hours service. The Committee was requested that in future all calls still go through to Council's after-hours service to deal with and the Committee was assured they now have the appropriate contact details. Mr van Bussel said he would review this and see if there is a better system for the water supply users.

Resolved minute number	16/HRWS/008	File Ref
------------------------	-------------	----------

That the Chair's report to the Hunterville Rural Water Supply Management Sub-Committee meeting on 11 April 2016 be received.

Mr Crawford / Cr McManaway. Carried

7 Correspondence

An email has been received from Mr Sam Weston advising the sale of his section and requesting the transfer of two units of water. Cr McManaway suggested that, while supporting this request, he must have a storage tank with 48 hours storage and ensure everything is correct and pay the costs for this. It was also noted that the old alkathene pipe will not be accepted.

Resolved minute number **16/HRWS/009** **File Ref**

That the sale of the 2 units relating to the property in letter from Mr S Weston, be accepted as long as all work is done to a standard acceptable to Rangitikei District Council, under the scheme rules.

Cr McManaway / J McManaway. Carried

8 Hunterville Rural Water Supply – Operations report

Mr van Bussel presented his report. The Committee noted the large number of broken pipes highlighted over this period.

The Committee advised that more rock was required at the Rata pipeline. Mr van Bussel will look at this and action; if the cost of this work is more than expected he will phone the Chair to inform him.

Resolved minute number **16/ HRWS/010** **File Ref** **6-WS-3-4**

That the 'Hunterville Rural Water Supply — Operations report', dated 1 April 2016 be received.

Mr Journeaux / Mr McManaway. Carried

9 Financial report – February 2016

The Committee noted the financial report was not attached. Mr McIrvine gave a brief verbal update on the financial position and said that he would ensure the report was emailed out to members prior to their meetings. He noted that the increase in power usage is of concern. The Committee asked whether more power was being consumed or if the cost gone up. Mr van Bussel will look at kw's used, and a full breakdown of total power used (including kw's; volume pumped and pricing per year) over the last five years will be provided for the next Committee meeting.

The Committee noted the resolution stating the rural water rate for the Hunterville Rural Water Supply to be set at a minimal \$280.

The Committee requested a copy of the February month end financial report be attached to these minutes when they are sent out.

Resolved minute number **16/HRWS/011** **File Ref**

That the Financial report to the Hunterville Rural Water Supply Management Sub-committee's meeting of 11 April 2016 be received.

The Committee noted the charges for 2017 year as agreed by the Rangitikei District Council:

"Resolved minute number 16/RDC/041 File Ref

That the following recommendation from Hunterville Rural Water Supply Sub-Committee dated 1 February 2016 be confirmed:

16/HRWS/007

That the Hunterville Rural Water Supply Sub-Committee recommends to Rangitikei District Council that the rural water rate for the Hunterville Rural Water Supply to be set at a minimal \$280.

Cr McManaway / His Worship the Mayor. Carried"

Mr Journeaux / Mr McManaway. Carried

10 Letter regarding decreasing the entitlement of water at Tutu Totara Dairy Ltd

A letter was received from Richard Ash, Tutu Totara Dairy Ltd requesting to reduce their unit entitlement. While the Committee does not oppose the request they do not want to encourage too many of these requests. They noted that it may need to review the bylaw in the future to address these requests and consider compulsion to on sell, or transfer, units could be considered so the cost isn't transferred to the rest of the water scheme members. Mr van Bussel and Ms Saywell will look at other examples around the country of how this is dealt with.

Resolved minute number **16/HRWS/012** **File Ref**

The Hunterville Rural Water Supply Management Subcommittee agrees that Richard Ash's entitlement be reduced to 2 units per day under the condition that all costs incurred will be at the expense of Tutu Totara Dairy Ltd.

Mr McManaway / Mr Journeaux. Carried

11 After-hours contacts

This item was discussed as part of the Chair's report.

12 General Business

Presentation on the Possible Proposal to MPI Irrigation Acceleration Fund

Mr McNeil gave a presentation to the Committee on a proposed project for application to the MPI Irrigation Acceleration Fund exploring the possibility of a Tutaenui Rural Water Scheme and review of the Hunterville Rural Water Scheme. MPI approval should be known in early May and project commencement would start in July and be completed by 30 June 2017. Feedback is being sought from the community as part of the draft Annual Plan consultation meetings and there may be more meetings held on the project closer to the time.

13 Next Meeting

13 June 2016, 3.00 pm

14 Meeting Closed 4.20 pm

Confirmed/Chair: _____

Date: _____

Appendix 1

Water Supply Hville Rural
Statement of Operations
Revenue

Feb-16

Rates

Account	Detail	YTD Actual 2015/16	Ytd Budget 2015/16	FYR Budget 2015/16	YTD Actual 2014/15
60617 018	General Revenue	127	0	0	
60617 123	Penalty	650	0	0	244
60617142	Metered Supply Charges	172,465	237,264	355,895	198,443
	Total Rates	173,242	237,264	355,895	198,687
Apportioned Rates Revenue					
60617 802	Treasury Int Recd	0	0	8,669	0
60617 808 01	General Rates	53,764	53,992	71,990	56,885
60617 809 01	Interest Charged Rate A/C	0	0	-10,899	0
60617 809 03	Treasury Int Rec'd/Tsf to Rese	0	0	-3,248	0
60617 811	Transfer to Reserves	0	0	8,669	0
	Total Apportioned Rates Revenue	53,764	53,992	75,181	56,885
Internal Charges					
60617 179 1100	Allocated o/heads CEO	6,354	6,504	9,751	5,577
60618 179 1400	Allocated o/heads Cust Service	1,431	1,520	2,276	0
60617 179 2100	Allocated o/heads Fin Services	13,271	14,552	21,828	11,470
60617 179 2500	Allocated o/heads Stat Plannin	3,403	5,352	8,033	5,126
60617 179 5100	Allocated o/heads Assets	18,653	20,072	30,102	25,490
	Total Internal Charges	43,113	48,000	71,990	47,663
Expenditure					
60617 343 01	Telephone Costs	2,474	2,800	4,200	2,512
60617 562 08	Depreciation - Infrastructure	89,855	89,856	134,783	85,203
60617 563	Electricity	129,673	93,336	140,000	127,468
60617 565	Insurance	6,253	3,690	3,690	9,833
60617 567 02	Rates - Utility	10,066	17,135	17,135	10,620
60617 588	Member Remuneration	0	2,080	3,120	0
60617 630 01	Professional Services - MDC	135	26,664	40,000	0
60618 630 02	MDC Charges - PSU				1,020
60617 630 03	MDC Charges - Retic	24,713	0	0	31,458
60617 630 04	MDC Charges - Treatment	1,498	0	0	3,135
60617 692	External Contractors	5,916	1,336	2,000	17,661
60617 697	Resource Consents	0	1,336	2,000	980
60617 698	Chemicals & Consumables	0	2,064	3,100	0
60617 699	Materials	2,879	3,336	5,000	6,411
	Total Expenditure	273,461	243,633	355,028	296,301
	Net Surplus	-89,568	-377	4,058	-88,392

Account	Detail	YTD Actual 2015/16	Ytd Budget 2015/16	FYR Budget 2015/16
Capital - Renewals Infrastructure				
60617 721	Treasury Loans Repaid	0	0	4,449
60617 762 01	HRWS Reticulation - Contractor	319	0	0
60617 763 01	HRWS Treatment - Contractor	25,363	37,632	56,450
	Total Capital - Renewals Infra	25,683	37,632	60,899

Capital - Projects				
60617 773 03	HRWS Reticulation - Staff Time	1,240		
60617 799	Capital Contra	0		
	Total Capital - Projects	1,240		
	Net Projects	26,923	37,632	60,899

Equity				
60617 966	HVL RWS REVAL.RESERVE	1,355,810		
60617 990	Public Equity H/Ville Rural Wa	4,086,152		
60617 995	Hunterville RWS Reserve	171,746		
	Net Surplus	-89,568	-377	4,058
	Working Capital	77,446	38,009	56,841
	Total Equity	5,601,587	37,632	60,899

Non Current Assets				
60617878	Infrastructure	89,855		
60617 886	Water Supply Schemes	-5,947,269		
60617 886 01	Provision for depecciation	217,782		
	Net Projects	-26,923	-37,632	-60,899
	Total Non Current Assets	-5,666,554	-37,632	-60,899

Non Current Liabilities				
60617 950	Internal Loan	64,967		
	Total Non Current Liabilities	64,967		

	Net Assets	5,601,587	37,632	60,899
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HUNTERVILLE RURAL WATER SUPPLY**OUTSTANDING DEBT @****1/04/2016**

140141000 FERGUSON CRAIG

252.50

140204000 WELSH LEONIE ANNE

103.30 All Penalty (Late Pmt)

355.80**MDC Charges - Reticulation JULY - FEB 2016****6061763003**

<u>MONTH</u>	<u>Name</u>	<u>\$</u>
JUL	Andrew Burberry	245.00
JUL	Ivan O'Reilly	1505.00
JUL	Michael Wilton	1050.00
AUG	Andrew Burberry	70.00
AUG	Michael Wilton	490.00
AUG	Daniel Yakas	100.00
AUG	Ivan O'Reilly	1312.50
SEP	Ivan O'Reilly	2117.50
SEP	Michael Wilton	787.50
SEP	Daniel Larson	70.00
SEP	Daniel Yakas	100.00
OCT	Andrew Burberry	630.00
OCT	Andrew van Bussel	400.00
OCT	Ivan O'Reilly	1382.50
OCT	Michael Wilton	595.00
NOV	Andrew Burberry	455.00
NOV	Andrew van Bussel	800.00
NOV	Ivan O'Reilly	630.00
NOV	Michael Wilton	105.00
DEC	Andrew van Bussel	1040.00
DEC	Daniel Yakas	100.00
DEC	Ivan O'Reilly	2992.50
DEC	Michael Wilton	525.00
JAN	Andrew Burberry	420.00
JAN	Chris Pepper	245.00
JAN	Ivan O'Reilly	1137.50
FEB	Andrew Burberry	980.00
FEB	Daniel Larson	35.00
FEB	Ivan O'Reilly	3482.50
FEB	Michael Wilton	910.00
		<u>24712.50</u>

MDC Charges - Staff Time (MDC)**6061763004**

JUL	Andrew Van Bussell	160.00
JUL	Kevin Moody	720.00
DEC	Wayne Shreiber	100.00
DEC	Kevin Moody	450.00
JAN	Kevin Moody	45
FEB	Kevin Moody	22.5
		<u>1497.50</u>

<u>HRWS - Staff Time (MDC)</u>		<u>6061777303</u>
JUL	Andrew Burberry	105.00
AUG	Andrew Burberry	210.00
AUG	Brian Jones	315.00
AUG	Joanna Saywell	160.00
FEB	Brian Jones	450.00
		<u>\$ 1,240.00</u>

<u>Operational Costs External Contractor</u>		<u>60617692</u>	
Date	Detail		Value
21/07/2015	AP P V Mackenzie 105530/01 Two days digger hire @ \$200 per day RFS150154		400.00
31/07/2015	AP Alf Downs Contr 106183/01 To Supply ex TCL - HRWS - Andrew		1092.00
30/04/2015	AP Alf Downs Contr 105043/01 Hunterville Rural Water Level fault-Ivan		571.30
7/10/2015	AP Speed Engineeri 106897/01 Disable top pump and reset for Hunterville Ru		300.00
31/10/2015	AP Alf Downs Contr 106709/03 New Alarm System-HRWS		1737.49
6/11/2015	AP P V Mackenzie 106823/01 Digger Hire - HRWS		100.00
30/11/2015	AP Alf Downs Contr107618/01 HRWS Investigate Flatlining in Water Outlook		190.00
6/01/2016	AP P V Mackenzie 107596/01 1.5 day digger hire for Otairi Station and		300
31/01/2016	AP Alf Downs Contr 107892/01 Hunterville Rural fault with Pump station		172
31/01/2016	AP Alf Downs Contr 108261/01 Callout to Hunterville Rural-pumps not workin		324.5
4/02/2016	AP Cronin Wells En 108140/01 Install River Pump HRWS		270
19/02/2016	AP Cronin Wells En 108335/01 Crane hire to lift river pumps out Cooks Road		236.24
29/02/2016	AP Alf Downs Contr 108579/01 HRWS pumps not working correctly repair Scada		122
7/02/2016	AP P V Mackenzie 108336/01 Half Day digger hire for Cooks Road pump		100
		<u>\$</u>	<u>5,915.53</u>

<u>Materials</u>		<u>60617699</u>	
Date	Detail		Value
6/07/2015	AP Rural Timber & 105655/01 Lid at Gordon McPhees-HRWS		115.18
8/07/2015	AP Farmlands Co-op 105759/01 Ballcock - Sam Weston - HRWS		22.17
24/07/2015	AP Chesters Plumbi 105937/01 Fittings for Stores		808.85
24/07/2015	AP Chesters Plumbi 105936/01 Fittings for Stores		438.88
30/07/2015	AP Chesters Plumbi 106025/01 2 80 mm long gibolts		253.84
31/08/2015	AP Speed Engineeri 107279/01 Dead end caps for Rata Job-HRWS		270.00
15/12/2015	AP Chesters Plumbi 107604/01 Parts for Stores - HRWS		599.61
29/01/2016	AP Chesters Plumbi 108022/01 6 x ballcocks for HRWS		154.2
31/12/2015	AP Speed Engineeri 108054/01 Flange Pipe for HRWS Intake		168.57
29/02/2016	AP Chesters Plumbi 108393/01 Screw Cap and Base and delivery for HRWS		47.86
		<u>\$</u>	<u>2,879.16</u>

<u>HRWS Reticulation Contractor</u>		<u>6061776201</u>	
Date	Detail		Value
30/09/2015	AP Chesters Plumbi 106571/01 RFS1502300 50mm gibbolts		219.30
6/10/2015	AP P V Mackenzie 107169/01 digger hire Otairi		100.00
		<u>\$</u>	<u>319.30</u>

<u>HRWS Treatment Contractor</u>		<u>6061776301</u>	
Date	Detail		Value
31/07/2015	AP Alf Downs Contr 105867/01 HRWS - Install new PLC Control & Scada		8,578.02
31/08/2015	AP Alf Downs Contr 106534/01 HRWS - Install new PLC Control & Scada progre		1,077.50
8/10/2015	AP Envirohaz 106953/01 Location Test certificates HRWS		448.5
31/12/2015	AP Alf Downs Contr 107913/01 HRWS Test Intake Pump		116.5
17/12/2015	AP P D & T L Illst 107736/02 Installation of Ohingaiti Break Tank-HRWS		347.83
31/01/2016	AP Alf Downs Contr 108400/01 HRWS - Install PLC Control & Scada Stage 2-p		14795.02
		<u>\$</u>	<u>25,363.37</u>

Rural Water Supplies Cash Flow Statement

Hunterville Rural Water

For the period ended

30 November 2015

	YTD Actual 2015/16	YTD Budget 2015/16	FYR Budget 2015/16
Revenue			
Operating revenue	127	0	0
General rates	54,414	53,992	75,181
Metered Supply Charge	172,465	237,264	355,895
Interest received** (See note below)			
Total revenue	227,006	291,256	431,076
Expenses			
Operating expenses	273,461	243,633	355,028
Overheads	43,113	48,000	71,990
Interest paid			
Add back non-cash items	-154,823		
	161,751	291,633	427,018
Net cash surplus from operating	65,255	-377	4,058
Capital items			
Capital expenditure	26,923	37,632	60,899
Loan repayments	64,967		
Total capital	91,890	37,632	60,899
Net cash surplus(deficit)	-26,635	-38,009	-56,841
Notional bank account			
Opening balance 1 July 2015	-50,811		
Cash surplus(deficit) above	-26,636		
Closing balance	-77,446	0	0

Appendix 2

Page 1 of 1

Bob Crawford

From: "Sam Weston" <sam@ruralca.co.nz>
Date: Friday, 8 April 2016 8:47 a.m.
To: "Bob Crawford" <b_crawford@farmside.co.nz>
Subject: Sale of units

Good Morning Bob

as discussed I have sold a section which includes 2 units of water from our unused units. (we currently have 18 unutilised units). The S&P agreement stated that the transfer of the units would be on approval of the committee and connection costs would be at the purchasers cost.

The section is on the corner of SH1 and SH54 . The scheme pipe runs under SH 1 into our paddock directly opposite the section. we have an alkathene pipe to a trough on the section as part of our system. I am sure (but this needs to be confirmed) that there would be a conduit under 54 to get our pipe there. so it would be a simple matter of swapping the pipes. Aaron Uings who brought the section has his own digger so it would not be a hard job.

As I mentioned I am away next week for the meeting (please put in my apologies) so would you please table this and get the transfer approved by the committee. Aaron and I can sort the forms/paperwork with the council at a later date.

Thanks
Sam

Sam Weston

Ph: 06 3228 359 - Mob: 021 445 202 - fax: 06 3228 369 - www.ruralca.co.nz

sjweston_{ltd}
rural chartered accountants

8/04/2016

Attachment 2



Rangitikei
UNUSPILT...

REPORT

SUBJECT: **Huntermville Rural Water Supply, Operations Report**

TO: Huntermville Rural Water Supply Management Committee

FROM: Andrew van Bussel, Operations Manager

DATE: 1 June 2016

FILE: 6-WS-3-4

1 Leaks and Repairs

1.1 There have been a number of repairs during this period:

4/4	Sam Weston – fix water leak
5/4	Hook up pipe at Rata job
5/4	John Marsh – clean out restrictor
6/4	Standover for Kiwirail at Rata
7/4	Alf Downs – hooked up cable at Otairi
7/4	Charlie Duncan – change ballcock
7/4	Bob Crawford – low water pressure
11/4	Repair pipe hit by logging company
13/4	Middle pump station – blown fuses
14/4	Show Kiwirail where pipes are located
15/4	Repair pipe at Murimotu Road
20/4	Replace pipe under rail at Leedstown
21/4	R Lambert – no water at tank
22/4	Sam Weston – replace ballcock
22/4	Standover for Kiwirail at Huntermville
30/4	Cooks Road – blown pole fuses
2/5	G Clarke – repair pipe at Murimotu Road
3/5	Nydeggar – repair split pipe
3/5	Repair pipe on the river pump
4/5	R Horrocks - fix inlet pipe to tank
9/5	Fix leaking pipe at Leedstown
10/5	Standover for Kiwirail – Murimotu Road
12/5	Otiwhiti – no water at tank
13/5	Otiwhiti – leaking pipe in driveway
20/5	Otairi – power fault – replace electric motor
24/5	Otiwhiti – low water to tank
26/5	Colin Cronin to lift river pump out
27/5	Standover for Kiwirail at Ohingaiti
31/5	Comms fault at middle tank – Cooks Road

2 General

- 2.1 The Blue tick completion is still a work in progress due to Contractors work load.
- 2.2 The Rata pipeline stream crossing is now complete.
- 2.3 The control system and scada is now complete.
- 2.4 Powerco will be covering the costs of the tree removal at the intake, this has been programmed with them.
- 2.5 The water line that runs on the Makohine Viaduct at Ohingaiti has been failing and will need to be replaced. Costings are currently being obtained for this work.

3 Recommendation

- 3.1 That the 'Hunternville Rural Water Supply, Operations report' dated 1 June 2016 be received.

Andrew van Bussel
Operations Manager

Attachment 3



MEMORANDUM

TO: Bob Crawford
FROM: George Mclrvine
DATE: 08 June 2016
SUBJECT: April Month end.
FILE: Attachments Monthly accounts

Dear Bob

Please find attached monthly accounts for the end of April.

Main points to note.

Water charges next invoices go out in May.

Electricity is still over budget by \$32K and but it is of note that it is down on this time last year by \$13K approx. See also David Miller's paper on power use monitoring.

MDC and Contractor FYI.

Balance Sheet FYI

Cashflow Noting cash surplus so far this year.

Best regards

George Mclrvine

Water Supply Hville Rural

Statement of Operations

30 April 2016

Revenue

Account	Detail	YTD Actual 2015/16	Ytd Budget 2015/16	FYR Budget 2015/16	YTD Actual 2014/15
Rates					
60617 018	General Revenue	127	0	127	
60617 123	Penalty	650	0	650	244
60617142	Metered Supply Charges	172,465	296,580	-124,115	198,731
	Total Rates	173,242	296,580	-123,465	198,975

Apportioned Rates Revenue

60617 802	Treasury Int Recd	0	0		0
60617 808 01	General Rates	71,762	71,990	-228	75,847
60617 809 01	Interest Charged Rate A/C	0	0		0
60617 809 03	Treasury Int Rec'd/Tsf to Rese	0	0		0
60617 811	Transfer to Reserves	0	0		0
	Total Apportioned Rates Revenue	71,762	71,990	-228	75,847

Internal Charges

60617 179 1100	Allocated o/heads CEO	8,186	8,130	-56	6,878
60618 179 1400	Allocated o/heads Cust Service	1,753	1,900	147	0
60617 179 2100	Allocated o/heads Fin Services	16,740	18,190	1,450	14,153
60617 179 2500	Allocated o/heads Stat Plannin	4,782	6,690	1,908	6,321
60617 179 5100	Allocated o/heads Assets	22,104	25,090	2,986	32,162
	Total Internal Charges	53,565	60,000	6,435	59,515

Expenditure

60617 343 01	Telephone Costs	3,469	3,500	31	2,808
60617 562 08	Depreciation - Infrastructure	112,319	112,320	1	106,503
60617 563	Electricity	148,604	116,670	-31,934	161,302
60617 565	Insurance	6,394	3,690	-2,704	9,833
60617 567 02	Rates - Utility	10,066	17,135	7,069	10,620
60617 588	Member Remuneration	0	2,600	2,600	0
60617 630 01	Professional Services - MDC	135	33,330	33,195	0
60618 630 02	MDC Charges - PSU				1,320
60617 630 03	MDC Charges - Retic	25,868	0	-25,868	32,835
60617 630 04	MDC Charges - Treatment	1,498	0	-1,498	3,765
60617 682 01	Reticulation Costs - Staff	4,973	0	-4,973	
60617 692	External Contractors	6,312	1,670	-4,642	14,076
60617 697	Resource Consents	0	1,670	1,670	980
60617 698	Chemicals & Consumables	0	2,580	2,580	0
60617 699	Materials	3,069	4,170	1,101	5,198
	Total Expenditure	322,706	299,335	-23,372	349,240
	Net Surplus	-131,268	9,235	-140,503	-133,933

Water Supply Hville Rural

Statement of Operations

30 April 2016

Account	Detail	YTD Actual 2015/16	Ytd Budget 2015/16	FYR Budget 2015/16
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Capital - Renewals Infrastructure

60617 721	Treasury Loans Repaid	0	0	4,449
60617 762 01	HRWS Reticulation - Contractor	5,268	0	0
60617 763 01	HRWS Treatment - Contractor	40,889	47,040	56,450
	Total Capital - Renewals Infra	46,157	47,040	60,899

Capital - Projects

60617 773 03	HRWS Reticulation - Staff Time	2,420		
60617 799	Capital Contra	0		
	Total Capital - Projects	2,420		
	Net Projects	48,577	47,040	60,899

Equity

60617 966	HVL RWS REVAL.RESERVE	1,355,810		
60617 990	Public Equity H/Ville Rural Wa	4,086,152		
60617 995	Hunterville RWS Reserve	171,746		
	Net Surplus	-131,268	9,235	4,058
	Working Capital	118,337	37,805	56,841
	Total Equity	5,600,778	47,040	60,899

Non Current Assets

60617878	Infrastructure	112,319		
60617 886	Water Supply Schemes	-5,947,269		
60617 886 01	Provision for depeciation	217,782		
	Net Projects	-48,577	-47,040	-60,899
	Total Non Current Assets	-5,665,745	-47,040	-60,899

Non Current Liabilities

60617 950	Internal Loan	64,967		
	Total Non Current Liabilities	64,967		

	Net Assets	5,600,778	47,040	60,899
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Rural Water Supplies Cash Flow Statement

Hunterville Rural Water

For the period ended

30 April 2016

	YTD Actual 2015/16	YTD Budget 2015/16	FYR Budget 2015/16
Revenue			
Operating revenue	127	0	0
General rates	72,412	71,990	75,181
Metered Supply Charge	172,465	296,580	355,895
Interest received** (See note below)			
Total revenue	245,003	368,570	431,076
Expenses			
Operating expenses	322,706	299,335	355,028
Overheads	53,565	60,000	71,990
Interest paid			
Add back non-cash items	-47,353		
	328,918	359,335	427,018
Net cash surplus from operating	-83,915	9,235	4,058
Capital items			
Capital expenditure	48,577	47,040	60,899
Loan repayments	-64,967		
Total capital	-16,390	47,040	60,899
Net cash surplus(deficit)	-67,525	-37,805	-56,841
Notional bank account			
Opening balance 1 July 2015	-50,811		
Cash surplus(deficit) above	-67,525		
Closing balance	-118,336	0	0
check sum	0		

HUNTERVILLE RURAL WATER SUPPLY

OUTSTANDING DEBT @

140204000 WELSH LEONIE ANNE

30/04/2016

103.30

103.30

MDC Charges - Reticulation JUL 2015 - APR 2016

6061763003

<u>MONTH</u>	<u>Name</u>	<u>\$</u>
JUL	Andrew Burberry	245.00
JUL	Ivan O'Reilly	1505.00
JUL	Michael Wilton	1050.00
AUG	Andrew Burberry	70.00
AUG	Michael Wilton	490.00
AUG	Daniel Yakas	100.00
AUG	Ivan O'Reilly	1312.50
SEP	Ivan O'Reilly	2117.50
SEP	Michael Wilton	787.50
SEP	Daniel Larson	70.00
SEP	Daniel Yakas	100.00
OCT	Andrew Burberry	630.00
OCT	Andrew van Bussel	400.00
OCT	Ivan O'Reilly	1382.50
OCT	Michael Wilton	595.00
NOV	Andrew Burberry	455.00
NOV	Andrew van Bussel	800.00
NOV	Ivan O'Reilly	630.00
NOV	Michael Wilton	105.00
DEC	Andrew van Bussel	1040.00
DEC	Daniel Yakas	100.00
DEC	Ivan O'Reilly	2992.50
DEC	Michael Wilton	525.00
JAN	Andrew Burberry	420.00
JAN	Chris Pepper	245.00
JAN	Ivan O'Reilly	1137.50
FEB	Andrew Burberry	980.00
FEB	Daniel Larson	35.00
FEB	Ivan O'Reilly	3482.50
FEB	Michael Wilton	910.00
MAR	Ivan O'Reilly	665.00
MAR	Michael Wilton	490.00
		<u>25867.50</u>

MDC Charges - Staff Time (MDC)

6061763004

JUL	Andrew Van Bussell	160.00
JUL	Kevin Moody	720.00
DEC	Wayne Shreiber	100.00
DEC	Kevin Moody	450.00
JAN	Kevin Moody	45.00
FEB	Kevin Moody	22.50
		<u>1497.50</u>

<u>MDC Reticulation Costs Staff Time</u>		<u>6061768201</u>
MAR	A Burberry, B Jones, I O'Reilly, M Wilton	995
APR	B Jones, I O'Reilly, M Wilton	1620
APR	B Jones, I O'Reilly, J Saywell	607.5
APR	M Wilton	35.00
APR	B Jones, I O'Reilly, M Wilton	1715.00
		<u>4972.5</u>

<u>HRWS - Staff Time (MDC)</u>		<u>6061777303</u>
JUL	Andrew Burberry	105.00
AUG	Andrew Burberry	210.00
AUG	Brian Jones	315.00
AUG	Joanna Saywell	160.00
FEB	Brian Jones	450.00
MAR	D Yakas, I O'Reilly	905.00
MAR	Brian Jones	225.00
APR	D Yakas	50.00
		<u>\$ 2,420.00</u>

<u>Operational Costs External Contractor</u>			<u>60617692</u>
<u>Date</u>	<u>Detail</u>		<u>Value</u>
21/07/2015	AP P V Mackenzie 105530/01 Two days digger hire @ \$200 per day RFS150154		400.00
31/07/2015	AP Alf Downs Contr 106183/01 To Supply ex TCL - HRWS - Andrew		1092.00
30/04/2015	AP Alf Downs Contr 105043/01 Hunterville Rural Water Level fault-Ivan		571.30
7/10/2015	AP Speed Engineeri 106897/01 Disable top pump and reset for Hunterville Ru		300.00
31/10/2015	AP Alf Downs Contr 106709/03 New Alarm System-HRWS		1737.49
6/11/2015	AP P V Mackenzie 106823/01 Digger Hire - HRWS		100.00
30/11/2015	AP Alf Downs Contr107618/01 HRWS Investigate Flatlining in Water Outlook		190.00
6/01/2016	AP P V Mackenzie 107596/01 1.5 day digger hire for Otairi Station and		300.00
31/01/2016	AP Alf Downs Contr 107892/01 Hunterville Rural fault with Pump station		172.00
31/01/2016	AP Alf Downs Contr 108261/01 Callout to Hunterville Rural-pumps not workin		324.50
4/02/2016	AP Cronin Wells En 108140/01 Install River Pump HRWS		270.00
19/02/2016	AP Cronin Wells En 108335/01 Crane hire to lift river pumps out Cooks Road		236.24
29/02/2016	AP Alf Downs Contr 108579/01 HRWS pumps not working correctly repair Scada		122.00
7/02/2016	AP P V Mackenzie 108336/01 Half Day digger hire for Cooks Road pump		100.00
26/02/2016	AP Cronin Wells En 108430/01 Install River Pump HRWS		236.25
9/03/2016	AP Shane Gribbon L 108632/01 Digging hole to install water pump HRWS		160
			<u>\$ 6,311.78</u>

<u>Materials</u>		<u>60617699</u>	
Date	Detail		Value
6/07/2015	AP Rural Timber & 105655/01 Lid at Gordon McPhees-HRWS		115.18
8/07/2015	AP Farmlands Co-op 105759/01 Ballcock - Sam Weston - HRWS		22.17
24/07/2015	AP Chesters Plumbi 105937/01 Fittings for Stores		808.85
24/07/2015	AP Chesters Plumbi 105936/01 Fittings for Stores		438.88
30/07/2015	AP Chesters Plumbi 106025/01 2 80 mm long gibolts		253.84
31/08/2015	AP Speed Engineeri 107279/01 Dead end caps for Rata Job-HRWS		270.00
15/12/2015	AP Chesters Plumbi 107604/01 Parts for Stores - HRWS		599.61
29/01/2016	AP Chesters Plumbi 108022/01 6 x ballcocks for HRWS		154.2
31/12/2015	AP Speed Engineeri 108054/01 Flange Pipe for HRWS Intake		168.57
29/02/2016	AP Chesters Plumbi 108393/01 Screw Cap and Base and delivery for HRWS		47.86
30/04/2016	AP Chesters Plumbi 109038/01 Materials		190.2
		\$	<u>3,069.36</u>
<u>HRWS Reticulation Contractor</u>		<u>6061776201</u>	
Date	Detail		Value
30/09/2015	AP Chesters Plumbi 106571/01 RFS1502300 50mm gibbolts		219.30
6/10/2015	AP P V Mackenzie 107169/01 digger hire Otairi		100.00
3/03/2016	AP Hynd's Pipe Sys 108343/01 rata pipe renewal		950.00
16/03/2016	AP Humes Pipeline 108537/01 materials		1116.76
6/04/2016	AP Drainworld Wang 108802/01 Materials for Rata cutover		272.37
8/03/2016	AP Shane Gribbon L 108954/01 Digger/Operator		2610.00
		\$	<u>5,268.43</u>
<u>HRWS Treatment Contractor</u>		<u>6061776301</u>	
Date	Detail		Value
31/07/2015	AP Alf Downs Contr 105867/01 HRWS - Install new PLC Control & Scada		8,578.02
31/08/2015	AP Alf Downs Contr 106534/01 HRWS - Install new PLC Control & Scada progre		1,077.50
8/10/2015	AP Envirohaz 106953/01 Location Test certificates HRWS		448.5
31/12/2015	AP Alf Downs Contr 107913/01 HRWS Test Intake Pump		116.5
17/12/2015	AP P D & T L Illst 107736/02 Installation of Ohingaiti Break Tank-HRWS		347.83
31/01/2016	AP Alf Downs Contr 108400/01 HRWS - Install PLC Control & Scada Stage 2-p		14795.02
29/02/2016	AP Alf Downs Contr 108706/01 HRWS - Install new PLC Control & Scada		2838.36
31/03/2016	AP Alf Downs Contr 108927/01 HRWS - Install new PLC Control & Scada Stage		12687.11
		\$	<u>40,888.84</u>

Attachment 4

REPORT

SUBJECT: Electricity Costs for Hunterville Rural Water Supply

TO: Hunterville Rural Water Supply Committee

FROM: David Rei Miller, Asset Engineer - Roading and Utilities

DATE: 13 June 2016

FILE: 6-WS-3-4

1 Background

Electricity costs have been higher than anticipated for the Hunterville Rural Water Supply during the 2015-2016 financial year. At the request of George McIrvine, Finance Manager, an investigation was carried out on the reasons for this. This investigation considered:

- Each of the three ICPs for Hunterville RWS: “Top Pump” (ICP No. 0036810582PC7DE), “Middle Pump” (ICP No. 0036810585PCA14), and “Well Pump” (ICP No. 0036810585PCA14).
- Electricity consumption.
- Electricity cost (including GST, prior to Prompt Payment Discount).
- Water abstraction.

2 Analysis

Figure 1 on the following page shows that cost has increased from the 2014-2015 year to the 2015-2016 year, but that this is due to increased electricity consumption and increased amounts of water abstracted. The unusually high consumption and cost in April 2015 was due to the “Top Pump” meter being read for the first time in 12 months. Prior to this, estimates had been made by the electricity retailer which were too low. Abstraction records for March 2016 were not complete, but a comparison of the periods 1/4/2014 to 28/2/2015 and 1/4/2015 to 29/2/2016 show an increase of 3.7% (13,217 m³) in the amount of water abstracted.

Figure 2 shows the amount of electricity used per m³ of water abstracted, and also the unit cost of electricity per m³ of water abstracted. The trendlines show that over the period analysed, the cost of electricity has reduced slightly in real terms.

Table 1 shows the detail making up these charts, for reference.

Figure 1: Electricity Cost and Consumption (1/4/2014 to 31/3/2016)

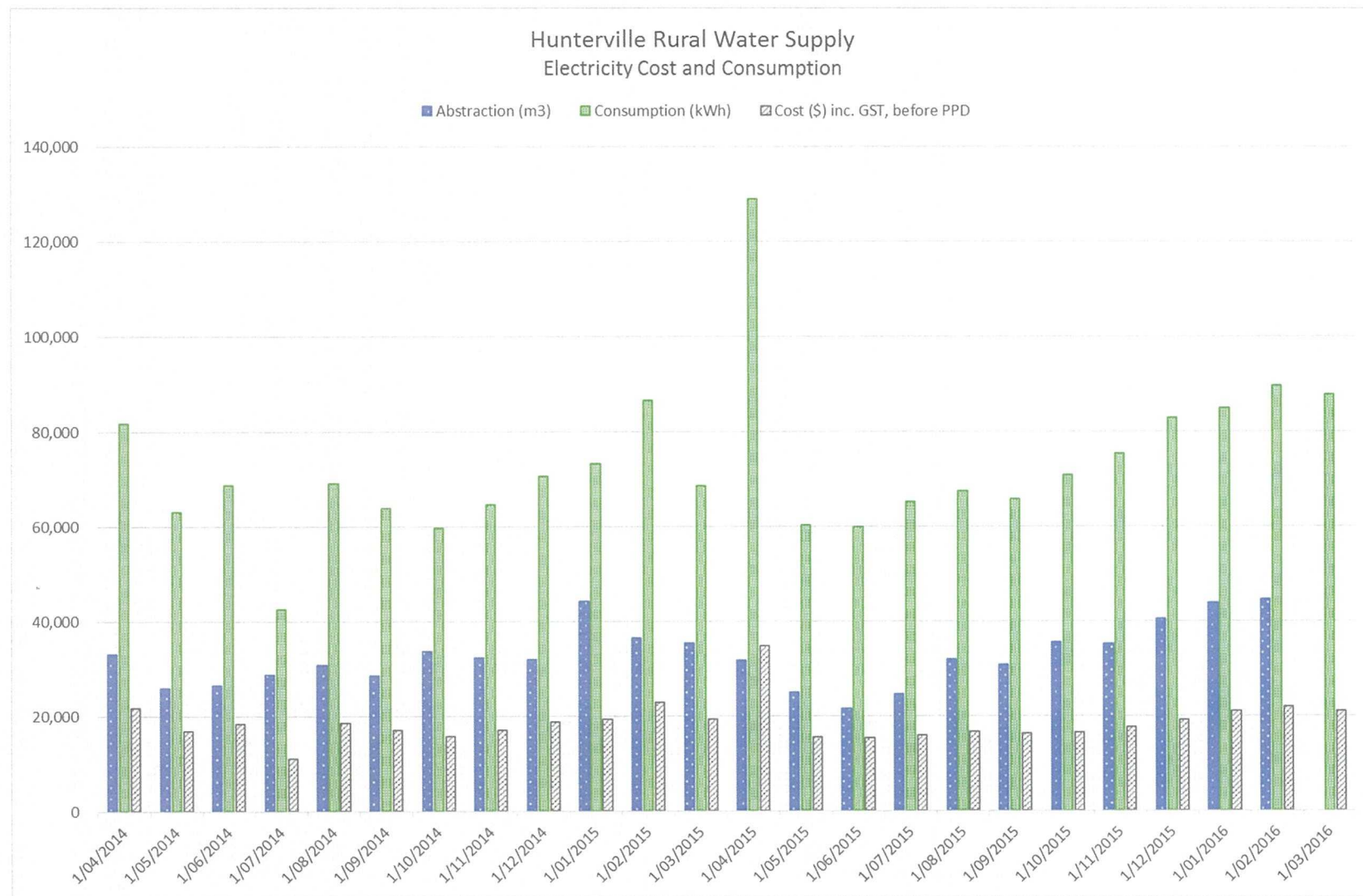


Figure 2: Unit Cost of Pumping (1/4/2014 to 29/2/2016)



Table 1: Summary of Cost and Consumption

Invoice Date	Total Owing	Reading Type	Total Owing	Reading Type	Total Owing	Reading Type	Total Units (kWh)	Total Owing	Abstraction		
	0036810582PC7DE		0036810585PCA14		0036810579PC91D		TOTAL		Total	Consumption	Cost
Period	TOP PUMP		MIDDLE PUMP		WELL PUMP				m ³ /month	kWh/m ³	\$/m ³
1/04/2014 - 30/04/2014	\$5,307.96	Estimate	\$12,481.33	Actual	\$3,978.63	Actual	81,772	\$21,767.92	33,125	2.47	\$0.66
1/05/2014 - 31/05/2014	\$6,581.58	Estimate	\$7,350.09	Estimate	\$2,970.56	Actual	63,146	\$16,902.23	26,066	2.42	\$0.65
1/06/2014 - 30/06/2014	\$7,006.20	Estimate	\$8,819.77	Estimate	\$2,735.65	Actual	68,744	\$18,561.62	26,570	2.59	\$0.70
1/07/2014 - 31/07/2014	\$6,369.26	Estimate	\$1,913.57	Estimate	\$2,881.22	Actual	42,621	\$11,164.05	28,766	1.48	\$0.39
1/08/2014 - 31/08/2014	\$6,581.58	Estimate	\$9,240.19	Actual	\$2,804.21	Actual	69,093	\$18,625.98	30,816	2.24	\$0.60
1/09/2014 - 30/09/2014	\$6,793.89	Estimate	\$7,113.99	Estimate	\$3,158.80	Actual	63,923	\$17,066.68	28,685	2.23	\$0.59
1/10/2014 - 31/10/2014	\$6,156.97	Estimate	\$6,699.31	Actual	\$3,056.59	Actual	59,726	\$15,912.87	33,697	1.77	\$0.47
1/11/2014 - 30/11/2014	\$6,581.58	Estimate	\$7,108.66	Estimate	\$3,469.89	Actual	64,625	\$17,160.13	32,448	1.99	\$0.53
1/12/2014 - 31/12/2014	\$5,732.34	Estimate	\$9,343.57	Actual	\$3,695.18	Actual	70,627	\$18,771.09	32,052	2.20	\$0.59
1/01/2015 - 31/01/2015	\$6,793.89	Estimate	\$8,524.97	Estimate	\$4,065.77	Actual	73,205	\$19,384.63	44,242	1.65	\$0.44
1/02/2015 - 28/02/2015	\$7,006.20	Estimate	\$11,433.80	Actual	\$4,579.20	Actual	86,706	\$23,019.20	36,570	2.37	\$0.63
1/03/2015 - 31/03/2015	\$6,370.59	Estimate	\$8,085.31	Estimate	\$4,904.19	Actual	68,580	\$19,360.09	35,319	1.94	\$0.55
1/04/2015 - 30/04/2015	\$20,866.93	Estimate, Actual, TOU	\$8,611.72	Estimate, Actual, TOU	\$5,308.93	Estimate, Actual, TOU	129,020	\$34,787.59	31,878	4.05	\$1.09
1/05/2015 - 31/05/2015	\$5,932.48	TOU	\$6,221.93	TOU	\$3,529.90	TOU	60,340	\$15,684.31	25,145	2.40	\$0.62
1/06/2015 - 30/06/2015	\$5,802.62	TOU	\$6,121.59	TOU	\$3,475.19	TOU	59,812	\$15,399.40	21,752	2.75	\$0.71
1/07/2015 - 31/07/2015	\$6,009.85	TOU	\$6,424.12	TOU	\$3,648.26	TOU	65,190	\$16,082.23	24,598	2.65	\$0.65
1/08/2015 - 31/08/2015	\$6,232.63	TOU	\$6,631.02	TOU	\$3,888.43	TOU	67,445	\$16,752.07	32,093	2.10	\$0.52
1/09/2015 - 30/09/2015	\$6,127.12	TOU	\$6,451.91	TOU	\$3,857.12	TOU	65,707	\$16,436.16	30,849	2.13	\$0.53
1/10/2015 - 31/10/2015	\$6,235.14	TOU	\$6,537.18	TOU	\$3,882.66	TOU	70,794	\$16,654.98	35,577	1.99	\$0.47
1/11/2015 - 30/11/2015	\$6,622.55	TOU	\$6,943.87	TOU	\$4,120.19	TOU	75,336	\$17,686.61	35,304	2.13	\$0.50
1/12/2015 - 31/12/2015	\$7,107.03	TOU	\$7,625.26	TOU	\$4,534.94	TOU	82,825	\$19,267.24	40,514	2.04	\$0.48
1/01/2016 - 31/01/2016	\$7,640.34	TOU	\$8,504.95	TOU	\$5,010.65	TOU	84,977	\$21,155.94	43,844	1.94	\$0.48
1/02/2016 - 29/02/2016	\$7,946.51	TOU	\$8,756.28	TOU	\$5,417.89	TOU	89,581	\$22,120.69	44,700	2.00	\$0.49

3 Next Steps

Time Of Use metering was installed at Hunterville RWS in April 2015. With the installation of Time Of Use metering, there is no need for meters to be read manually, and the issue with the "Top Pump" meter not being read for 12 months should not recur. The 2015-2016 financial year will have more accurate and timely information on consumption than previous years.

Now that Variable Speed Drives have been installed, and the control system upgraded, we are in a position to take advantage of cheaper Time Of Use rates during certain periods of the day. This will be most appropriate to take advantage of during winter, when pumps can be switched off for periods without impacting on water supply. Our current Time Of Use rates are shown in Table 2 below.

Table 2: Time Of Use Rates

Weekdays (¢/kWh)						Weekends (¢/kWh)					
0000-0400	0400-0800	0800-1200	1200-1600	1600-2000	2000-2400	0000-0400	0400-0800	0800-1200	1200-1600	1600-2000	2000-2400
March 2016											
6.56	7.78	9.74	9.84	10.21	8.80	6.45	5.86	7.96	7.48	8.51	7.24
April 2016											
6.83	8.05	9.91	9.51	10.60	8.55	6.79	6.23	8.12	7.47	9.01	7.71
May 2016											
7.04	8.09	9.75	8.99	10.83	8.68	7.23	6.32	8.12	7.68	9.49	7.83
June 2016											
7.57	8.67	10.69	9.47	11.72	9.36	7.75	6.84	8.52	8.17	10.38	8.52
July 2016											
7.77	9.04	11.45	9.87	12.27	9.91	7.88	7.16	8.69	8.15	10.62	8.66
August 2016											
8.28	9.82	12.11	10.42	12.90	10.40	8.43	7.66	9.33	8.64	10.73	9.16

Rangitikei District Council is also working with several other Councils in the region on energy procurement and energy management. The intended result of this is better rates on electricity, and energy audits on key facilities.

4 Recommendation

That the report 'Electricity Costs for Hunterville Rural Water Supply' be received.

David Rei Miller
Asset Engineer - Roading and Utilities