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ST. ARNAUD SHIRE WATERWORKS TRUST.

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DETAILED STATEMENT AND REPORT.

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PRESENTED TO BOTH HOUSES OF PARLIAMENT PURSUANT TO ACT 47 VICT. No. 778, SECTION 92.

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# ST. ARNAUD SHIRE WATERWORKS TRUST.

## DETAILED STATEMENT *RE* APPLICATION OF THE ST. ARNAUD SHIRE WATERWORKS TRUST FOR AN ADDITIONAL LOAN OF £9,000.

*Prepared in compliance with the requirements of Section 92 of "The Water Conservation Act 1883."*

1. The amount of the previous loan was £20,000, which has all been expended, as well as a portion of the amount allotted to this trust from the Parliamentary grants for head works. The additional loan now applied for is £9,000, of which £5,143 is to be spent in the St. Arnaud Shire, and £3,857 in the Kara Kara Shire, which has lately been separated from the St. Arnaud Shire.

### 2. *Cost of all works constructed under previous loan:—*

	£	s.	d.	£	s.	d.
Refund to St. Arnaud Shire Council for works constructed prior to the formation of the Trust ...	...	...	...	4,856	4	11
Construction of 4 weirs on the River Avon ...	...	...	...	2,178	17	10
Construction of 60 tanks ...	5,973	10	6			
Purchase of 2 tanks ...	150	0	0			
Purchase of sites for tanks ...	92	16	3			
Improving, fencing, and completing 9 tanks, previously constructed ...	835	11	1			
				7,051	17	10
Pumps and pipes, and fitting same to stagings of tanks ...	754	13	2			
Sheep and cattle troughs ...	554	15	0			
				1,309	8	2
Three wells at Bungereang ...	194	17	0			
Well at Booxham's, Corack ...	215	15	7			
Well, windmill, drains, and tank at Swanwater ...	272	6	10			
				682	19	5
Drains, Jeffcot to Wooronook ...	208	19	7			
Drains, Chum Lake ...	349	10	7			
				558	10	2
Boring in search of water ...	427	10	2			
Pipes for borer ...	80	15	0			
				508	5	2
Material at various times ...	375	19	3			
Contingencies—						
	£	s.	d.			
Legal expenses ...	50	19	6			
Bank interest ...	70	16	6			
Not detailed ...	1,045	3	7			
				1,166	19	7
				1,542	18	10
Engineering expenses ...				1,310	17	8
				£20,000	0	0

The total amount has been charged equally to the three ridings which previously formed the St. Arnaud Shire, making the share of each riding £6,666 13s. 4d.

3. *Purposes served by the works.*—The supply of water for domestic purposes and for stock over the larger part of the waterworks area.

4. *Cost of maintenance and management of the works.*—No separate account has been kept by the Waterworks Trust. All expenditure has been paid by the shire council.

5. *Annual net revenue derived from the works.*—Nil. No revenue has been collected.

6. *Description of the works proposed to be executed.*—Several new tanks, a weir, a channel from the Richardson River to supply the Avon Plains, and Watson's Lake works are to be constructed. A sum is also required to complete works, the cost of which exceeded the original estimates.

### 7. *Estimate of the cost of the proposed works:—*

	£	s.	d.	£	s.	d.
St. Arnaud Shire ...	{	Tanks in southern part of district ...	710	0	0	
		Do., northern do. ...	1,400	0	0	
		Watson's Lake works ...	1,500	0	0	
		Windmill at Booxham's Well ...	150	0	0	
				3,760	0	0
Kara Kara Shire ...	{	Tanks ...	750	0	0	
		Weir on John Bull Creek ...	200	0	0	
		Bridge at Gre Gre ...	350	0	0	
		Avon Plains channel ...	1,000	0	0	
				2,300	0	0
Engineering and contingencies ...				1,166	0	0
To complete works in original Schedule ...				1,774	0	0
Total ...				£9,000	0	0

These amounts should be distributed between the two shires as follows:—

	St. Arnaud Shire.			Kara Kara Shire.		
	£	s.	d.	£	s.	d.
Proposed new works ... ..	3,760	0	0	2,300	0	0
To complete works on original Schedule ... ..	716	11	7	1,057	18	0
Engineering and contingencies ... ..	666	8	5	499	2	0
	£5,143	0	0	£3,857	0	0

The total of the two is £9,000, as above.

8. *Description of the area to be supplied by the works.*—The area will nominally be the same as under the original loan; that is to say, the waterworks area will be the same. But as a portion only of that area has been so far supplied with water, the proposed works are intended to supply the remainder of the area.

9. *Estimate of the additional revenue to be derived from the works.*—No direct revenue will be derived from any of the works. The following is the probable cost of maintenance and management of the works, which will have to be met by a rate over the waterworks district, or be paid out of municipal funds:—

	£	s.	d.
Maintenance of tanks and weirs ... ..	1,000	0	0
Secretary and engineer ... ..	300	0	0
Office expenses and contingencies ... ..	50	0	0
	£1,350	0	0

The interest at  $4\frac{1}{2}$  per cent., and provision for sinking fund at the rate of  $1\frac{1}{2}$  per cent. on the total amount of loan asked for (£29,000) will amount to £1,740 per annum, making the total annual charges £3,090, or a little over 9d. in the £1 on the net annual value of rateable property within the waterworks district (£79,977).

10. The cost of maintenance and management of the works already constructed may be taken at £1,100, and the charges for interest and sinking fund (on £20,000) at £1,200, making the total yearly charges on account of existing works £2,300. Deducting this from the amount (£3,090) above stated will make the extra outlay on account of the proposed works, which represents the additional revenue that will have to be raised, £790. This would be less than  $2\frac{1}{2}$ d. in the £1 on the net annual value of rateable property in the waterworks district; but, since the greater portion of the proposed additional outlay is to extend operations to parts of the district not previously supplied with water, it will be more correct to take the rate of 9d. in the £1 (stated in the last paragraph) as the rate leviable both on the area already supplied and also on the additional area to be supplied by the proposed works.

I hereby certify that, to the best of my knowledge and belief, the foregoing statement is correct, and that the proposed works are feasible and satisfactory.

It is necessary, however, in this place to bring to notice the relations of the two Shires of St. Arnaud and Kara Kara in so far as the waterworks are concerned. Both shires are now included in the St. Arnaud Waterworks Trust, the Shire of Kara Kara not being represented on the Trust. The Kara Kara Shire has made an application to be formed into a separate Waterworks Trust, when it will repay to the St. Arnaud Waterworks Trust its share of the outlay incurred on works already constructed within the limits of the Kara Kara Shire as well as carry out the proposed works above referred to as being within that shire.

If the Kara Kara Waterworks Trust should be formed, it will be necessary to deduct from the additional loan asked for by the St. Arnaud Waterworks Trust the amount this Trust proposes to expend within the Kara Kara Shire (see para. 7). This would reduce the amount of the additional loan required by the St. Arnaud Waterworks Trust from £9,000 to about £5,143. It may be that a portion of the amount shown above as required to complete works on original schedule may have been disbursed by the St. Arnaud Waterworks Trust before the formation of the new Trust. In this case the whole of the £3,857 it is proposed to expend within the Kara Kara Shire should not be deducted. The exact amount must be left for settlement hereafter.

But, further, it has been agreed that the Kara Kara Waterworks Trust when formed shall refund to the St. Arnaud Waterworks Trust a sum of £6,666 13s. 4d., the share of the outlay by the latter Trust chargeable to the Kara Kara Shire. Under this arrangement the St. Arnaud Waterworks Trust will not require any additional loan from the State, as it will be provided with funds by the Kara Kara Waterworks Trust when formed. It is, in fact, not unlikely that it will receive more than will be required for the carrying out of the proposed works for the St. Arnaud Shire only.

Melbourne, 86 Collins-street west,  
24th October, 1885.

W. W. CULCHETH,  
M. Inst. C. E.