



**ORDINARY MEETING OF THE
WATER RACE SUB-COMMITTEE
STJOHN'S MAIN MEETING ROOM
ON MONDAY 26 AUGUST 2019
COMMENCING AT 1.00PM**

If you are unable to attend the meeting please advise the
Secretary kerri.page@selwyn.govt.nz or phone (03) 347-2898



AGENDA
OF THE WATER RACE SUB-COMMITTEE
ST JOHNS MEETING ROOM, NORMAN KIRK DRIVE, ROLLESTON
ON MONDAY 26 AUGUST 2019 – 1.00pm

Committee Members in Attendance

1. Nigel Barnett (Chairman)
2. John Shanks (Paparua)
3. Martin Le Comte (Paparua Water Race Irrigation User Group)
4. Mike Chaffey (Ellesmere)
5. Tim Morris (Paparua)
6. Mike Mora (Christchurch City Council - representing Waimairi and Wigram Wards)
7. John Clarkson (Malvern)
8. Harry Schat (Ellesmere)
9. Cr Pat McEvedy

In Attendance

1. Murray England, Asset Manager Water Services
2. Creagh Robinson, Project Accountant
3. Daniel Meehan, Surface Water Engineer
4. Manesh Malla, Surface Water Operations Engineer
5. Jo Carlton, Christchurch City Council
6. Jess Cummings, Business Support Officer
7. Mayor Sam Broughton
8. Kerri Page, Minutes

1. APOLOGIES

Cr Craig Watson

2. IDENTIFICATION OF ANY EXTRAORDINARY BUSINESS

3. CONFLICT OF INTEREST

4. PUBLIC FORUM

Sue Hawkins, Cox Road, Springfield

Tony Blaber, 796 Weedons Ross Roads (refer correspondence for information)

5. CONFIRMATION OF MINUTES FROM THE MEETING HELD 25 FEBRUARY 2019

'That the Water Race Sub Committee confirms the minutes of the meeting of the Water Race Subcommittee held on Monday 27 May 2019'.

6. FINANCIAL

6.1 Finance Report to 30 June 2019

“That the financial report to 30 June 2019 is accepted for information”

6.2 Unplanned Expenditure over \$5,000

“That the Water Race subcommittee receives this report “items of Unplanned Expenditure Over \$5,000: for information”

7. WATER SERVICES REPORT

7.1 Proposed Water Race Closures To Proceed To Public Consultation (Surface Water Engineer)

8. HEALTH & SAFETY

There have been no issues to report

9. GENERAL BUSINESS

10. NEXT MEETING

The next meeting of the Water Race Subcommittee will be held on 25 November 2019 at 1.00pm in the St John’s Main Meeting Room, Norman Kirk Drive, Rolleston.

11. RESOLUTION TO EXCLUDE THE PUBLIC

‘That the public be excluded from the following proceedings of this meeting.’

The general subject matter to be considered while the public is excluded, the reason of passing this resolution in relation to the matter, and the specific grounds under section 48(1) of the Local Government Official Information and Meetings Act 1987 for the passing of this resolution are as follows:

General subject of each matter to be considered		Reasons for passing this resolution in relation to each matter	Ground(s) under section 48(1) for the passing of this resolution
1	Minutes and actions of the PX section	Good reason to withhold exists under section 7 (as set out below)	Section 48(1)(a)
2	Public Excluded legal advice which is legally privileged and confidential in relation to the closure of the Upper Ellesmere Water Race		

This resolution is made in reliance on section 48(1) (a) of the Local Government Official Information and Meetings Act 1987 and the particular interest or interests protected by section 7 of that Act, as the case may require, which would be prejudiced by the holding of the whole or the relevant part of the proceedings of the meeting in public are as follows:

1	Enable the local authority holding the information to carry out, without prejudice or disadvantage, commercial activities.	Section 7(2)(h)
2	Enable the local authority holding the information to carry on, without prejudice or disadvantage, negotiations (including commercial and industrial negotiations).	Section 7(2)(i)

That appropriate officers remain to provide advice to the Committee.

SDC Water Races Sub Committee Meeting 26 August 2019

Subject: Water Race at 796 Weedons Ross Road

Timeline – the 796 section of water race has deteriorated in functionality and appearance since March 2017 due initially to the collapse of the structurally unsound soak pit. Figures **attached**:

Fig 1 – a stake, subsequently washed away, was found to be shoring up the soak pit structure

Fig 2 – the overbridge bank at the soak pit fell away and the bridge abutment became exposed

Fig 3 - water race and other flows progressively eroded the material forming the roadside bank of the race for a distance of approximately 8 metres

Fig 4 - Remedial work with boulders was carried out which involved the removal of the soak pit. The in-fill soil to boulders has now been mostly washed away

Professional Opinion – (10 July 2018) one of NZs foremost experts in water management and irrigation advised that there were several problems with the finished works:

- The safe and controlled management of road drainage and part swale runoff into the water race has not been achieved.
- Drainage flows for the road will have to spill over the placed rock in an uncontrolled fashion and will open the risk of fine material being washed into the race and exposure of the previously eroded bank.
- The works have not been completed to a standard commensurate with the reasonable requirements for a residential property frontage, in that maintenance by the householder is currently compromised by exposed rock material preventing mechanised vegetation control.

Council Site Meeting – (13 July 2018) to discuss the professional opinion above. I was advised:

- the remedial work would *“never alter the need for a properly engineered solution”*, and
- (the boulder work) *“was always intended to be a temporary holding measure”*.

Key issues

1. **Repairs to slumping** –there is no safe and controlled management of road drainage and swale runoff - which is at variance with Council’s objective. I have recently reported to Council that there may be a tear/fault/slumping line appearing in the water race bank at the northern end of the boulders.
2. **Soak Pit** – this was removed during the boulder work. Replacement of the soak pit under Policy W112 is the responsibility of the Council. In the absence of a soak pit, uncontrolled surface water flowing over the boulders are threatening further stability of the bank and over-bridge abutments.
3. **Roading Team** – advised the scope of work to be done this winter 2019 is to *“modify soakage pits along WRR thus improving draining and preventing infiltration of stormwater into the water race”* The same objectives need to be achieved by re-constructing 796 soak pit.
4. **Aesthetic appearance** – the frontal appearance is not much better than that of a builder’s yard. All suggestions by me to improve it and ease maintenance of the swale and bank have been rejected. Better landscaping is required in conjunction with a new soak pit.

Tony Blaber
18 August 2019

796 Weedons Ross Road - Water Race Images





MINUTES
OF THE WATER RACE SUB-COMMITTEE
EXCUTIVE MEETING ROOM
ON MONDAY 27 MAY 2019 – 12.30pm

Committee Members in Attendance

1. Nigel Barnett (Chairman)
2. John Shanks (Paparua)
3. Martin Le Comte (Paparua Water Race Irrigation User Group)
4. Mike Chaffey (Ellesmere)
5. Tim Morris (Paparua)
6. Mike Mora (Christchurch City Council - representing Waimairi and Wigram Wards)

In Attendance

1. Murray England, Asset Manager Water Services
2. Creagh Robinson, Project Accountant
3. Daniel Meehan, Surface Water Operations Engineer
4. James Skurupey, Surface Water Engineer
5. Jo Carlton, Christchurch City Council
6. Jess Cummings, Business Support Officer
7. Cr Deborah Hasson
8. Maree Pycroft, Secretary

1. APOLOGIES

1. John Clarkson
2. Harry Schat
3. Cr Pat McEvedy
4. Cr Craig Watson
5. Mayor Sam Brougham

2. IDENTIFICATION OF ANY EXTRAORDINARY BUSINESS

- 2.1** Subdivision LIM Information
- 2.2** Policy Manual

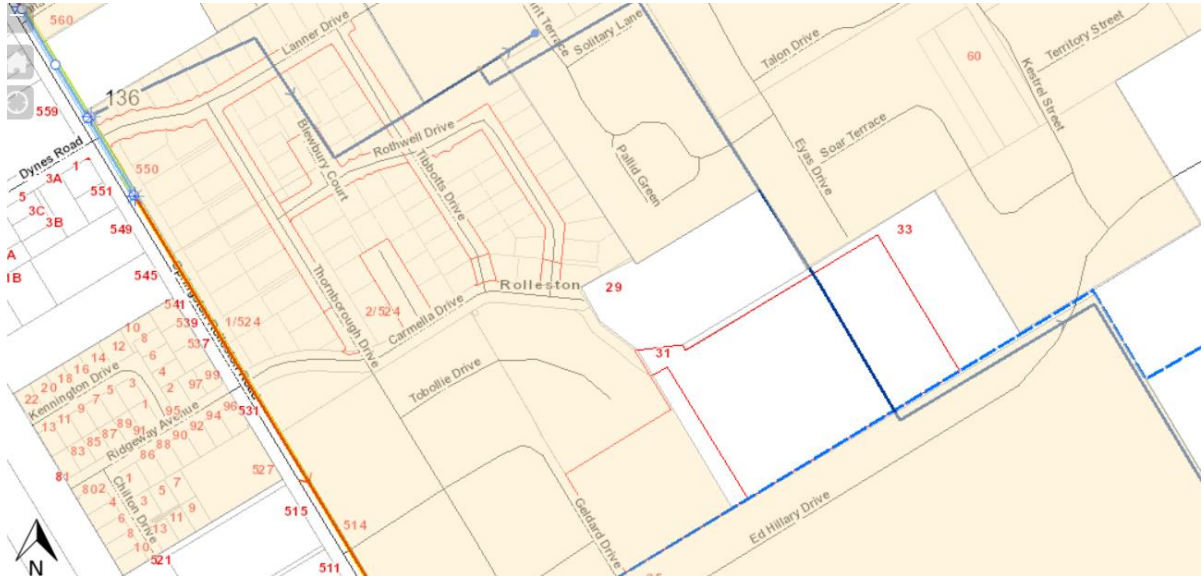
3. CONFLICT OF INTEREST

nil

4. PUBLIC FORUM

Mr Rob Perry,
33 Carmela Place, Rolleston (formerly 4/524 Springston Rolleston Road)

Mr Perry supports the closure of the water race that traverses the subdivision known as Faringdon East and terminates to a soak hole on Selwyn Rd.



Mr Perry expressed his concern about the danger of open water ways in residential areas. The water race traverses a number of private properties who do not maintain the race adequately causing blockages and no flow. The 15m building setback (corrected to be 5m) is problematic.

It was intimated that the developer was offering residents compensation to close the race and in recognition of rezoning tracks from rural to residential land.

In conclusion, Mr Perry requested Council dispense with the 100% agreement in this circumstance and believes there is enough support to close the race due to the time and cost for land owners. (Mr Perry was informed that 80% support is now required).

Council advised there is proposals to pipe some sections of the water race in the subdivision and residents are being polled by developers.

Cr Hasson alluded to the Ellesmere Land Drainage District and L2 is on the boundary of this area.

The Water Race Subcommittee acknowledged Mr Perry's concerns and advised that Council is working with the Developer in an endeavour to close or pipe this part of the water race.

Mr Trevor Hobson
693 Rakaia Terrace Road, Rakaia

Mr Hobson supports the Upper Ellesmere water race closure.

Since the rule change in 2002, water race rates are charged over the entire property. Consequently the farm is paying an enormous amount of rates for a service that is not used or required.

In May 2017, eight land owners including Mr Hobson submitted to the Long Term Plan highlighting regarding the Council's rates anomaly. He is disappointed there has been no change and in fact rates continually increase for something that is inequitable.

All laterals have been shut off and on farm water is piped to troughs, and the main race has been fully fenced. In 2008 a bridge was damaged during maintenance which has not been repaired although material were dropped off. He does not believe there is ecological life in the race.

Mr Hobson tabled a letter from Greg Bell, Council's Finance Manager, in response to a request from Mr Hobson to consider the level of water race rates being charged on the above property. There has been no communication since the letter.

The Chairman assured Mr Hobson action is happening in the background to achieve the closure but it may not be at the speed he would like.

5. CONFIRMATION OF MINUTES FROM THE MEETING HELD 25 FEBRUARY 2019

'That the Water Race Sub Committee confirms the minutes of the meeting of the Water Race Subcommittee held on Monday 25 February 2019 subject to noting Mike Chaffey as an apology and amending the minutes accordingly'.

Moved John Shanks / Seconded Mike Mora

CARRIED

6. CORRESPONDENCE

No correspondence has been received

7. FINANCIAL

7.1 Finance Report to 30 April 2019

Creagh Robinson provided an overview of the consolidated operating position of all water race schemes for the period ended 20 April 2019.

'That the financial report to 30 April 2019 is accepted for information.'

Moved Tim Morris / Seconded Mike Chaffey

CARRIED

8. WATER SERVICES REPORT

8.1 Proposed Water Race Closures Approval – Post Public Consultation (Surface Water Engineer)

Approval was sought to close the following sections of water race:

1. Closure of 512 m of race through 2 property owners on Kingsdown Dr and Weedons Ross Road (Hamish Wheelans)
2. Closure of 1043.5 m of race through 1 property south of McLaughlins Rd (PK and AE Jasmin).

It was noted that the Loss of Targeted Rating Income in the Funding Implications of Proposed Race Closures table had the correct total but the split needed amending.

These options are alternatives to closure of an open race if a downstream landowner requires a stockwater supply to continue. Water race closures will only occur for short lengths of race (excluding whole or major part of scheme closures) if 100% support from affected land owners is obtained.

That the Sub-Committee:

- a) *Agree to proceed to closure for the proposed closure of 1 Length of water race totalling approximately 512m in the Paparua Water Race Scheme and 1 length of water race at 1043.5m length in the Malvern Water Race Scheme.*

b) Advise the Council that the proposed closure is considered to be of low significance, not impacting the intended level of service nor ecological and amenity provisions for the Paparua and Malvern Water Race Schemes.

Moved John Shanks / Seconded Martin Le Comte

CARRIED

9. HEALTH & SAFETY

There have been no issues to report.

10. GENERAL BUSINESS

10.1 Selwyn District Council Water Race Policy Review

The Policies have been reviewed by Council and will be approved at the next Council meeting.

11. PUBLIC FORUM DELIBERATION

**Mr Rob Perry,
33 Carmela Place, Rolleston (formerly 4/524 Springston Rolleston Road)**

Council staff are to advise Mr Perry of the 80% closure rule and 5m setback reduction and direct him to the appropriate page on the web to complete a closure form.

The Chairman clarified the closure rules and explained there is still a requirement and desire for water taken from the river to the water race to supply irrigators.

**Mr Trevor Hobson
693 Rakaia Terrace Road, Rakaia**

Council empathise with Mr Hobson and advised Council is actively moving to close the Upper Ellesmere water race. In the interim we will organise a meeting with Greg Bell to discuss the rating and if Council can assist to achieve a satisfactory outcome.

12. NEXT MEETING

The next meeting of the Water Race Subcommittee will be held on 26 August 2019 at 12.30pm in the St John's Main Meeting Room, Norman Kirk Drive, Rolleston.

13. RESOLUTION TO EXCLUDE THE PUBLIC

Moved Mike Chaffey / Seconded Mike Mora

‘That the public be excluded from the following proceedings of this meeting.’

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2	Public Excluded legal advice which is legally privileged and confidential in relation to the closure of the Upper Ellesmere Water Race		

This resolution is made in reliance on section 48(1) (a) of the Local Government Official Information and Meetings Act 1987 and the particular interest or interests protected by section 7 of that Act, as the case may require, which would be prejudiced by the holding of the whole or the relevant part of the proceedings of the meeting in public are as follows:

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That appropriate officers remain to provide advice to the Committee.

CARRIED

Public Session was suspended at 2.30pm.

Confirmed as a true and accurate record of the meeting.

Nigel Barnett, 26 August 2019

PUBLIC REPORT

TO: Chief Executive

FOR: Ellesmere, Malvern and Paparua water race scheme
Sub-Committee – 26 August 2019

FROM: Accountant

DATE: 20 June 2019

SUBJECT: **Financial Report to 30 June 2019**

1. RECOMMENDATION

That the financial report for the district wide water race schemes to 30 June 2019 be received for information.

2. PURPOSE

That the consolidated financial report, to 30 June 2019, be received for information.

3. SIGNIFICANCE ASSESSMENT/COMPLIANCE STATEMENT

Not applicable.

4. HISTORY/BACKGROUND

Prior to the 1st July 2018, the financial reports for Ellesmere, Malvern and Paparua water race schemes were compiled and reported on separately. During the 2018 – 2028 LTP process council, after consultation with affected parties, put in place a district wide rating scheme which streamlined the calculation of rates. Costs continue to be attributed on a site by site basis and accounts for each scheme are attached to this report.

The accounts represent a consolidated operating position of the Ellesmere, Malvern and Paparua water race schemes for the period ended 30 June 2019.

Year to Date Commentary

Consolidated operations to the 30 June 2019 resulted in a net operating surplus of \$316,286 against a budgeted deficit for the same period of (\$897,069).

Revenue

Total revenue to the 30 June 2019 is favourable to budget by \$111,999 split between increased revenue from rates - \$82,696, the budget had assumed a lower hectare number for 2018 - 19 than what is actually rated for and other income from additional irrigation charges - \$29,303.

Operational Expenditure

Operating expenditure to the 30 June 2019 is favourable to budget by \$140,381. Costs are favourable to budget across all sites. Total maintenance costs are favourable to budget by \$58,953, Insurance costs are favourable to budget by \$13,523, Urban Enhancement is favourable to budget by \$21,357 and Infrastructure Agreement fee is favourable by \$2,213.

There has been project expenditure, to the 30 June 2019, of \$13,316 against a budget of \$148,000. The expenditure relates to the Dalethorpe autoflush design and investigation costs into the Waimak tunnel.

Renewal expenditure is favourable to budget by \$826,291. Renewals are funded from reserves at year end and do not have an impact on the operating result.

Capital Projects

Capital expenditure to the 30 June 2019 totals \$137,780 against a budget of \$159,184. The expenditure to date largely relates to continued expenditure for the Glentunnel intake upgrade.

5. PROPOSAL

That the consolidated financial report to 30 June 2019 be received for information.

6. OPTIONS

Not applicable.

7. VIEWS OF THOSE AFFECTED/CONSULTATION

a) Views of those affected

Not applicable.

b) Consultation

Not applicable.

c) Maori implications

Not applicable.

8. RELEVANT POLICY/PLANS

Not applicable.

9. COMMUNITY OUTCOMES

Not applicable.

10. NEGATIVE IMPACTS

Not applicable.

11. LEGAL IMPLICATIONS

Not applicable.

12. FUNDING IMPLICATIONS

Not applicable.

13. HAS THE INPUT/IMPACT FROM/ON OTHER DEPARTMENTS BEEN CONSIDERED?

Assets Department has been consulted in preparation of this report.

Creagh Robinson
ACCOUNTANT

ENDORSED FOR AGENDA

Greg Bell
GROUP MANAGER CORPORATE SERVICES

Financial Month is set to 06/19 and Budget AB01 is in use.

District Wide Water Races - Consolidated
Statement of Operations

June 2019



Account	Detail	Month Actual	Month Budget	Month Variance	YTD Actual 2018/19	Ytd Budget 2018/19	Ytd Variance	Committed Expenditure	FYR Budget 2018/19	Last Year 2017/18
Opening Balance										
	District opening bal	-	-	-	(\$3,159,235)	(\$3,844,079)	\$684,844		(\$3,844,079)	(\$1,226,166)
	Total Opening Balance	-	-	-	(\$3,159,235)	(\$3,844,079)	\$684,844		(\$3,844,079)	(\$1,226,166)
Income										
	Targeted Rate District	\$197,281	\$190,925	\$6,356	\$2,373,763	\$2,291,067	\$82,696	-	\$2,291,067	\$1,792,640
	Water Race Charges	-	-	-	\$60,000	\$44,000	\$16,000	-	\$44,000	-
	Other - Ellesmere	\$53,932	\$9,337	\$44,595	\$107,863	\$112,000	(\$4,137)	-	\$112,000	\$120,178
	Other - Malvern	-	-	-	\$1,013	-	\$1,013	-	-	\$24,897
	Other - Paparua	(\$9,612)	(\$837)	(\$8,775)	\$243,346	\$226,919	\$16,427	-	\$226,919	\$469,242
	Total Income	\$241,601	\$199,425	\$42,176	\$2,785,985	\$2,673,986	\$111,999	-	\$2,673,986	\$2,406,957
Expenditure										
	Ellesmere total	\$63,861	\$46,574	(\$17,287)	\$510,984	\$568,716	\$57,732	\$19,228	\$568,716	\$492,546
	Malvern total	\$103,877	\$65,313	(\$38,564)	\$807,700	\$820,756	\$13,056	-	\$820,756	\$723,638
	Paparua total	\$83,377	\$73,288	(\$10,089)	\$820,195	\$889,788	\$69,593	\$1,400	\$889,788	\$813,273
	Total Expenditure	\$251,115	\$185,175	(\$65,940)	\$2,138,879	\$2,279,260	\$140,381	\$20,628	\$2,279,260	\$2,029,457
Support										
	Ellesmere total	\$7,376	\$7,374	(\$2)	\$88,510	\$88,510	-	-	\$88,510	\$97,800
	Malvern total	\$8,346	\$8,350	\$4	\$100,156	\$100,156	-	-	\$100,156	\$110,669
	Paparua total	\$3,688	\$3,687	(\$1)	\$44,255	\$44,255	-	-	\$44,255	\$48,900
	Total Support	\$19,410	\$19,411	\$1	\$232,921	\$232,921	-	-	\$232,921	\$257,369
Projects										
	Ellesmere total	-	-	-	-	-	-	-	-	\$1,359
	Malvern total	\$5,083	\$10,837	\$5,754	\$13,316	\$130,000	\$116,684	-	\$130,000	\$21,421
	Paparua total	-	\$1,500	\$1,500	-	\$18,000	\$18,000	-	\$18,000	-
	Total Projects	\$5,083	\$12,337	\$7,254	\$13,316	\$148,000	\$134,684	-	\$148,000	\$22,780
Transfers - Operations										
	Ellesmere trf	-	-	-	(\$195)	-	(\$195)	-	-	\$235,704
	Malvern trf	-	-	-	(\$51,317)	-	(\$51,317)	-	-	\$2,314,250
	Paparua trf	-	-	-	-	-	-	-	-	\$302,392
	District trf	(\$216,286)	-	(\$216,286)	(\$216,286)	\$610,005	(\$826,291)	-	-	(\$3,159,432)
	Ellesmere Carry Forwards	-	-	-	-	\$282,448	(\$282,448)	-	\$282,448	-
	Malvern Carry Forwards	-	-	-	-	\$249,199	(\$249,199)	-	\$249,199	-
	Paparua Carry Forwards	-	-	-	-	\$153,000	(\$153,000)	-	\$153,000	-
	Total Transfers - Operations	(\$216,286)	-	(\$216,286)	(\$267,798)	\$1,294,652	(\$1,562,450)	-	\$684,647	(\$307,086)
	Operating Surplus/(Deficit)	(\$250,293)	(\$17,498)	(\$232,795)	(\$3,026,164)	(\$2,535,622)	(\$490,542)	(\$20,628)	(\$3,145,627)	(\$1,435,901)
Capital Projects										
	Ellesmere total	-	\$932	\$932	-	\$121,184	\$121,184	-	\$121,184	\$431,100
	Malvern total	\$3,361	\$1,500	(\$1,861)	\$124,580	\$23,000	(\$101,580)	\$14,785	\$23,000	\$1,233,683
	Paparua total	-	-	-	\$13,200	\$15,000	\$1,800	-	\$15,000	-
	Total Capital Projects	\$3,361	\$2,432	(\$929)	\$137,780	\$159,184	\$21,404	\$14,785	\$159,184	\$1,664,783
Renewals										
	Ellesmere total	-	\$24,195	\$24,195	\$15,330	\$211,668	\$196,338	-	\$211,668	\$3,738
	Malvern total	\$2,703	\$68,273	\$65,570	\$8,990	\$529,203	\$520,213	\$20,500	\$529,203	\$34,139
	Paparua total	-	\$47,582	\$47,582	\$60,263	\$170,003	\$109,740	-	\$170,003	\$20,676
	Total Renewals	\$2,703	\$140,050	\$137,347	\$84,583	\$910,874	\$826,291	\$20,500	\$910,874	\$58,553
	Closing balance	(\$256,357)	(\$159,980)	(\$96,377)	(\$3,248,527)	(\$3,605,680)	\$357,153	(\$55,913)	(\$4,215,685)	(\$3,159,237)
Special Funds										
	District Renewal Reserve	\$216,286	-	\$216,286	\$1,280,904	\$980,230	\$300,674	-	-	\$1,064,813
	Total Special Funds	\$216,286	-	\$216,286	\$1,280,904	\$980,230	\$300,674	-	-	\$1,064,813

**District Wide Water Races - Consolidated
Operational Position Summary**

Revenue	YTD Actual \$	YTD Budget \$	Variance	2017/2018 Actual
Targeted Rate	2,373,763	2,291,067	82,696	1,792,640
Other Income	412,222	382,919	29,303	382,919
Total Revenue	2,785,985	2,673,986	111,999	2,175,559
Expenditure				
Total Operational Expenditure	2,138,879	2,279,260	140,381	2,029,457
Total Support	232,921	232,921	0	257,369
Total Operational Projects	13,316	148,000	134,684	22,780
Total Renewals	84,583	910,874	826,291	58,553
Total Expenditure	2,469,699	3,571,055	1,101,356	2,368,159
Operating Surplus/(Deficit)	316,286	(897,069)	1,213,355	(192,600)

Operating Position Summary

	YTD Actual \$	YTD Budget \$	Variance	2017/2018 Actual
Opening Account Balance	(3,159,235)	(3,844,079)	684,844	(1,226,166)
Plus Operating Surplus/(Deficit)	316,286	(897,069)	1,213,355	(192,600)
Plus Prior year Projects Carried Forward	0	684,647	(684,647)	
Less Capital Projects	137,780	159,184	21,404	1,664,783
Net Reserves Transfers	(267,798)	610,005	(877,803)	(307,086)
Closing Account Balance	(3,248,527)	(3,605,680)	357,153	(3,390,635)

Special Funds Account - Renewals

	YTD Actual \$	YTD Budget \$	Variance
Opening Account Balance	1,064,618	1,064,618	0
Plus Transfers in	300,869	300,869	0
Plus Interest	0	0	0
Less Funding of Renewals	(84,583)	(910,874)	826,291
Closing Account Balance	1,280,904	454,613	826,291

Financial Month is set to 06/19 and Budget AB01 is in use.

ELLESMERE WATER RACE OPER.

June 2019

Statement of Operations

Account	Detail	Month Actual	Month Budget	Month Variance	YTD Actual 2018/19	Ytd Budget 2018/19	Ytd Variance	Committed Expenditure	FYR Budget 2018/19	Last Year 2017/18
Opening Balance										
3921 980 01	Ellesmere W/Rc Oper Open Blnce	-	-	-	\$196	(\$282,448)	\$282,644	-	(\$282,448)	\$230,187
	Total Opening Balance	-	-	-	\$196	(\$282,448)	\$282,644	-	(\$282,448)	\$230,187
Income										
3921 101	Targeted Rate	-	-	-	(\$180)	-	(\$180)	-	-	\$440,669
3921 101 01	Ellesmere Unit charge	-	-	-	-	-	-	-	-	\$12,315
3921 187	Irrigation charges	\$53,932	\$9,337	\$44,595	\$107,863	\$112,000	(\$4,137)	-	\$112,000	\$107,863
	Total Income	\$53,932	\$9,337	\$44,595	\$107,683	\$112,000	(\$4,317)	-	\$112,000	\$560,847
Expenditure										
3921 541	Insurance	-	-	-	\$7,114	\$9,806	\$2,692	-	\$9,806	\$8,997
3921 583 101	Maint - General S	\$30,053	\$30,837	\$784	\$360,641	\$370,000	\$9,359	-	\$370,000	\$360,641
3921 583 102	Maint - General R	\$16,961	\$6,663	(\$10,298)	\$77,965	\$80,000	\$2,035	-	\$80,000	\$68,877
3921 583 282	Maint - Removal R	-	\$3,337	\$3,337	-	\$40,000	\$40,000	-	\$40,000	-
3921 583 602	Maint - Source/Well/Headwork R	-	-	-	-	-	-	-	-	\$111
3921 593 03	Infrastructure Agreement Fee	\$16,720	\$5,413	(\$11,307)	\$62,787	\$65,000	\$2,213	\$19,228	\$65,000	\$52,885
3921 868	ECan/Los Monitoring	-	\$250	\$250	\$1,698	\$3,000	\$1,302	-	\$3,000	\$383
3921 868 01	SCADA Costs	\$127	\$74	(\$53)	\$779	\$910	\$131	-	\$910	\$652
	Total Expenditure	\$63,861	\$46,574	(\$17,287)	\$510,984	\$568,716	\$57,732	\$19,228	\$568,716	\$492,546
Support										
3921 890 3900	Support Charges-WTR RACE	\$7,376	\$7,374	(\$2)	\$88,510	\$88,510	-	-	\$88,510	\$97,800
	Total Support	\$7,376	\$7,374	(\$2)	\$88,510	\$88,510	-	-	\$88,510	\$97,800
Projects										
3921 063	Upper Ellesmere Water Race Closure	-	-	-	-	-	-	-	-	\$1,359
	Total Projects	-	-	-	-	-	-	-	-	\$1,359
Transfers - Operations										
3921 970 01	Transfer (to)/from Reserves	-	-	-	(\$195)	-	(\$195)	-	-	\$235,704
3921 970 99	Carry Forward Projects	-	-	-	-	\$282,448	(\$282,448)	-	\$282,448	-
	Total Transfers - Operations	-	-	-	(\$195)	\$282,448	(\$282,643)	-	\$282,448	\$235,704
	Operating Surplus/(Deficit)	(\$17,305)	(\$44,611)	\$27,306	(\$491,810)	(\$545,226)	\$53,416	(\$19,228)	(\$545,226)	\$435,033
Capital Projects										
3921 900 37	Fish Screen - Lower Rakaia	-	-	-	-	-	-	-	-	\$431,100
3921 900 48	Terricelee auto gate SCADA	-	-	-	-	\$75,000	\$75,000	-	\$75,000	-
3921 900 50	Emergency tipout for irrigators	-	-	-	-	\$35,000	\$35,000	-	\$35,000	-
3921 900 51	Health and Safety improvements	-	\$932	\$932	-	\$11,184	\$11,184	-	\$11,184	-
	Total Capital Projects	-	\$932	\$932	-	\$121,184	\$121,184	-	\$121,184	\$431,100
Renewals										
3921 905 100	Renewals - Linear (Pipe Valve)	-	\$16,626	\$16,626	-	\$166,259	\$166,259	-	\$166,259	\$3,738
3921 905 110	Renewals - P&E (PS TP Teley)	-	\$7,569	\$7,569	\$15,330	\$45,409	\$30,079	-	\$45,409	-
	Total Renewals	-	\$24,195	\$24,195	\$15,330	\$211,668	\$196,338	-	\$211,668	\$3,738
	Closing balance	(\$17,305)	(\$69,738)	\$52,433	(\$507,140)	(\$878,078)	\$370,938	(\$19,228)	(\$878,078)	\$195
Special Funds										
3921 982 50	Renewal Reserve	-	-	-	\$390	-	\$390	-	-	\$115,053
	Total Special Funds	-	-	-	\$390	-	\$390	-	-	\$115,053

ELLESMERE WATER RACE - FINANCIAL COMMENTARY FOR THE QUARTER ENDED JUNE 2019

Account	Expenditure	Actual	Budget	Variance	Details
3921 541	Insurance	\$7,114	\$9,806	\$2,692	July - Marsh - 7113.70
3921 583 101	Maint - General S	\$360,641	\$370,000	\$9,359	July, Aug, Sep, Oct, Nov, Dec, Jan, Feb, Mar, Apr, May, June - Sicon Ltd - C1241 Claim Water Service O&M
3921 583 102	Maint - General R	\$77,965	\$80,000	\$2,035	July - James Bull - 240.00, Sicon - 2998.96, Aug - Sicon - 5333.05, Sep - Sicon - 12888.96, Oct - 8242.48, Nov - Refuse Disposal 86.25, Sicon - 3624.91, Dec - Refuse Disposal 119.75, Sicon - 9800.44, Jan - Refuse Disposal 50.24, Sicon - 2998.96, Feb - Refuse Disposal 27.76, Sicon - 2998.96, James Bull - 480.00, Mar - Sicon - 2998.96, Apr - Sicon - 2998.96, May - Sicon - 5115.44, June - Refuse Disposal 37.21, James Bull - 496.50, Sicon - 16355.59
3921 583 282	Maint - Removal R	\$0	\$40,000	\$40,000	
3921 583 602	Maint - Source/Well/Headwork R	\$0	\$0	\$0	
3921 593 03	Infrastructure Agreement Fee	\$62,787	\$65,000	\$2,213	Aug - Glenroy Agreement - 11516.96, Oct - Glenroy Agreement - 11516.96, Jan - Glenroy Agreement - 11516.96, Mar - Glenroy Agreement - 11516.96, June - Lower Rakaia Diversion Group - 16719.57
3921 868	ECan/Los Monitoring	\$1,698	\$3,000	\$1,302	
3921 868 01	SCADA Costs	\$779	\$910	\$131	Ecan consent monitoring - July - 1080.00, Sep - 95.74, Oct - 156.53, Dec - 234.79, Apr - 130.44 Nov - 2way - 5.38, Dec - 2way - 5.38, Qtech - 114.63, Feb - Qtech - 68.13 Mar - 75.01, May - Qtech - 189.53, June - Qtech - 127.00
	Total Expenditure	\$510,984	\$568,716	\$57,732	
3921 890 3900	Support Charges-WTR RACE	\$88,510	\$88,510	\$0	July, Aug, Sep, Oct, Nov, Dec, Jan, Feb, Mar, Apr, May, Jun - Selwyn District Council - Standard Charge
	Total Support	\$88,510	\$88,510	\$0	
	Projects				
3921 063	Health and Safety Improvements	\$0	\$0	\$0	
	Total Projects	\$0	\$0	\$0	
	Capital				
3921 900 37	Fish Screen - Lower Rakaia	\$0	\$0	\$0	
3921 900 48	Terricelee auto gate SCADA	\$0	\$75,000	\$75,000	
3921 900 50	Emergency tipout for irrigators	\$0	\$35,000	\$35,000	
3921 900 51	Health and Safety improvements	\$0	\$11,184	\$11,184	
	Total Capital Projects	\$0	\$121,184	\$121,184	
	Renewals				
3921 905 100	Renewals - Linear (Pipe Valve)	\$0	\$166,259	\$166,259	
3921 905 110	Renewals - P&E (PS TP Teley)	\$15,330	\$45,409	\$30,079	Apr - 15330
	Total Renewals	\$15,330	\$211,668	\$196,338	

MALVERN AREA WATER RACEE

Statement of Operations										
Account	Detail	Month Actual	Month Budget	Month Variance	YTD Actual 2018/19	Ytd Budget 2018/19	Ytd Variance	Committed Expenditure	FYR Budget 2018/19	Last Year 2017/18
Opening Balance										
3951 980 01	Malvern W/Rc Oper Open Blnce.	-	-	-	-	(\$249,199)	\$249,199	-	(\$249,199)	(\$1,030,298)
3951 980 02	Opening Balance	-	-	-	-	-	-	-	-	(\$5,000)
3951 980 04	Opening Balance	-	-	-	-	-	-	-	-	(\$5,000)
3951 980 07	Opening Balance	-	-	-	-	-	-	-	-	(\$3,332)
3951 980 08	Opening Balance	-	-	-	-	-	-	-	-	(\$2,000)
3951 980 09	APPROPRIATION ACCOUNT	-	-	-	-	-	-	-	-	(\$24,656)
	Total Opening Balance	-	-	-	-	(\$249,199)	\$249,199	-	(\$249,199)	(\$1,070,286)
Income										
3951 101	Targeted Rate	-	-	-	\$14	-	\$14	-	-	\$854,689
3951 101 01	Urban Public Good	-	-	-	-	-	-	-	-	\$23,491
3951 162	General Receipts	-	-	-	\$1,013	-	\$1,013	-	-	\$1,406
	Total Income	-	-	-	\$1,027	-	\$1,027	-	-	\$879,586
Expenditure										
3951 450	Electricity	\$226	\$250	\$24	\$2,622	\$3,000	\$378	-	\$3,000	\$2,196
3951 540	Rates	-	-	-	\$772	\$732	(\$40)	-	\$732	\$710
3951 541	Insurance	-	-	-	\$27,407	\$36,224	\$8,817	-	\$36,224	\$33,235
3951 583 101	Maint - General S	\$47,302	\$50,000	\$2,698	\$567,619	\$600,000	\$32,381	-	\$600,000	\$567,619
3951 583 102	Maint - General R	\$16,498	\$10,000	(\$6,498)	\$100,267	\$120,000	(\$40,267)	-	\$120,000	\$117,129
3951 593 282	Maint - Bank Removal R	\$39,699	\$4,163	(\$35,536)	\$46,657	\$50,000	\$3,343	-	\$50,000	-
3951 868	ECan/LoS Monitoring	(\$104)	\$337	\$441	\$1,017	\$4,000	\$2,983	-	\$4,000	\$1,501
3951 868 01	Scada Costs	\$256	\$150	(\$106)	\$1,339	\$1,800	\$461	-	\$1,800	\$1,248
3951 871	Urban Enhancement	-	\$413	\$413	-	\$5,000	\$5,000	-	\$5,000	-
	Total Expenditure	\$103,877	\$65,313	(\$38,564)	\$807,700	\$820,756	\$13,056	-	\$820,756	\$723,638
Support										
3951 890 3900	Support Charges-WTR RACE	\$8,346	\$8,350	\$4	\$100,156	\$100,156	-	-	\$100,156	\$110,669
	Total Support	\$8,346	\$8,350	\$4	\$100,156	\$100,156	-	-	\$100,156	\$110,669
Projects										
3951 074	Health and Safety improvements	-	-	-	-	-	-	-	-	\$21,356
3951 096	CPW Transition	-	-	-	-	-	-	-	-	\$65
3951 097	Dalethorpe autoflush design	\$5,083	\$837	(\$4,246)	\$5,083	\$10,000	\$4,917	-	\$10,000	-
3951 098	Waimak tunnel invest design	-	\$10,000	\$10,000	\$8,233	\$120,000	\$111,767	-	\$120,000	-
	Total Projects	\$5,083	\$10,837	\$5,754	\$13,316	\$130,000	\$116,684	-	\$130,000	\$21,421
Transfers - Operations										
3951 970 01	Transfer (to)/from Reserves	-	-	-	(\$51,317)	-	(\$51,317)	-	-	\$2,314,250
3951 970 99	Carry Forward Projects	-	-	-	-	\$249,199	(\$249,199)	-	\$249,199	-
	Total Transfers - Operations	-	-	-	(\$51,317)	\$249,199	(\$300,516)	-	\$249,199	\$2,314,250
	Operating Surplus/(Deficit)	(\$117,306)	(\$84,500)	(\$32,806)	(\$971,462)	(\$1,050,912)	\$79,450	-	(\$1,050,912)	\$1,267,822
Capital Projects										
3951 900 66	Fish Screen-Waimak Intake	-	-	-	-	-	-	-	-	\$512,004
3951 900 67	Fish Screen-Upper Kowai Intake	-	-	-	(\$512,146)	-	\$512,146	-	-	\$530,354
3951 900 72	Glentunnel Intake Upgrade	-	-	-	\$624,418	-	(\$624,418)	-	-	\$130,974
3951 900 77	SCADA monitoring Sites	\$3,361	-	(\$3,361)	\$10,483	\$20,000	\$9,517	\$14,785	\$20,000	\$2,852
3951 900 78	H&S Upgrades	-	-	-	\$1,825	-	(\$1,825)	-	-	\$56,076
3951 900 79	Flow Gauge	-	-	-	-	-	-	-	-	\$1,423
3951 900 80	sink hole repair procedure	-	\$1,500	\$1,500	-	\$3,000	\$3,000	-	\$3,000	-
	Total Capital Projects	\$3,361	\$1,500	(\$1,861)	\$124,580	\$23,000	(\$101,580)	\$14,785	\$23,000	\$1,233,683
Renewals										
3951 905 100	Renewals - Linear (Pipe Valve)	\$2,703	\$68,273	\$65,570	\$3,220	\$409,642	\$406,422	-	\$409,642	\$16,112
3951 905 110	Renewals - P&E (PS TP Teley)	-	-	-	\$5,770	\$119,561	\$113,791	\$20,500	\$119,561	\$18,027
	Total Renewals	\$2,703	\$68,273	\$65,570	\$8,990	\$529,203	\$520,213	\$20,500	\$529,203	\$34,139
	Closing balance	(\$123,370)	(\$154,273)	\$30,903	(\$1,105,032)	(\$1,603,115)	\$498,083	(\$35,285)	(\$1,603,115)	-
Special Funds										
3951 982 50	Renewal Reserve	-	-	-	-	-	-	-	-	\$525,292
	Total Special Funds	-	-	-	-	-	-	-	-	\$525,292

MALVERN AREA WATER RACE - FINANCIAL COMMENTARY FOR THE QUARTER ENDED JUNE 2019

Account	Expenditure	Actual	Budget	Variance	Details
3951 450	Electricity	\$2,622	\$3,000	\$378	Meridian - July - 230.21, Aug - 207.09, Sep - 209.97, Oct - 209.34, Nov - 221.08, Dec - 225.01, Jan - 217.96, Feb - 207.61, Mar - 213.42, April - 228.76, May - 225.71, June - 226.06
3951 540	Rates	\$772	\$732	(\$40)	Oct - 771.90
3951 541	Insurance	\$27,407	\$36,224	\$8,817	July - Marsh - 27406.68
3951 583 101	Maint - General S	\$567,619	\$600,000	\$32,381	July, Aug, Sep, Oct, Nov, Dec, Jan, Feb, Mar, Apr, May, Jun - Sicon Ltd - C1241 Claim Water Service O&M
3951 583 102	Maint - General R	\$160,267	\$120,000	(\$40,267)	July - James Bull - 188.50, ChCh Press - 216.00, Sicon - 9146.74, Aug - Sicon - 4461.17, Boraman - 297.00, Sep - Refuse disposal - 99.13, Boraman - 116.64, Curle - 300.00, Hydrological - 181.51, Sicon - 38858.31, Oct - Refuse disposal - 55.51, Sicon - 4,544.12, Nov - James bull - 634.00, Refuse disposal - 138.61, Curle - 300.00, Sicon - 6788.97, Dec - Refuse disposal - 231.48, Sicon - 38465.31, Jan - Refuse disposal - 137.70, Sicon - 9690.52, Boraman - 155.52, ChCh Press - 288.00, Feb - Refuse disposal - 150.67, Sicon - 9368.38, Mar - Refuse disposal - 19.83, Curle Contracting - 300.00, Sicon - 5633.75, Apr - Refuse disposal - 55.51, Sicon - 6056.37, Boraman - 116.64, May - Sicon - 6926.87, June - Refuse disposal - 302.80, Sicon - 15,943.22, Selwyn Times - 252.00
3951 593 282	Maint - Bank Removal R	\$46,657	\$50,000	\$3,343	Apr - Sicon - 6957.50, June - 39699.00
3951 868	ECan/LoS Monitoring	\$1,017	\$4,000	\$2,983	Ecan Consent Monitoring - July - 469.50, Sep - 78.26, Oct - 469.57, Jan - 104.35, June - (104.35)
3951 868 01	Scada Costs	\$1,339	\$1,800	\$461	July - Spark - 15.00, Boraman - 155.52, Aug - Spark - 15.00, Qtech - 102.10, Sep - Qtech - 57.43, Oct - Spark - 30.00, Qtech - 69.95, Nov - Spark - 15.00, Dec - Qtech - 152.84, Feb - Qtech - 90.84, Mar - Spark - 15.66, Qtech - 100.02, Apr - Spark - 5.00, May - Spark - 5.00, QTech - 252.69, June - QTech - 256.45
3951 871	Urban Enhancement	\$0	\$5,000	\$5,000	
	Total Expenditure	\$807,700	\$820,756	\$13,056	
3951 890 3900	Support Charges-WTR RACE	\$100,156	\$100,156	\$0	July, Aug, Sep, Oct, Nov, Dec, Jan, Feb, Mar, Apr, May, June - Selwyn District Council - Standard Charge
	Total Support Charges	\$100,156	\$100,156	\$0	
3951 074	Health and Safety improvements	\$0	\$0	\$0	
3951 096	CPW Transition	\$0	\$0	\$0	
3952 097	Dalethorpe autoflush design	\$5,083	\$10,000	\$4,917	
3951 098	Waimak tunnel invest design	\$8,233	\$120,000	\$111,767	Apr - Tonkin Taylor correction of coding - 8232.59
	Total Projects	\$13,316	\$130,000	\$116,684	
3951 900 66	Fish Screen-Waimak Intake	\$0	\$0	\$0	
3951 900 67	Fish Screen-Upper Kowai Intake	(\$512,146)	\$0	\$512,146	Sep - Isaac - 29,625.30, Correction of coding - (562,467.02), Jan - Isaac - 20695.44
3951 900 72	Glentunnel Intake Upgrade	\$624,418	\$0	(\$624,418)	July - Sicon - 575.82, Aug - Jacobs - 15979.00, Sep - Ecan - 1024.00, Coding correction - 562467.02, Nov - Independant signs - 3474.00, Jacobs - 29890.00, Dec - Nairn Electrical - 9589.54, Sicon - 902.45, Jan - Sicon 516.14
3951 900 77	SCADA monitoring Sites	\$10,483	\$20,000	\$9,517	Sep - Nairns - 3950.79, Feb - Nairns - 3171.14, June - Qtech - 3361.00
3951 900 78	H&S Upgrades	\$1,825	\$0	(\$1,825)	Aug - Sicon - 1825.45
3951 900 79	Flow Gauge	\$0	\$0	\$0	
3951 900 80	sink hole repair procedure	\$0	\$3,000	\$3,000	
	Total Capital Projects	\$124,580	\$23,000	(\$101,580)	
3951 905 100	Renewals - Linear (Pipe Valve)	\$3,220	\$409,642	\$406,422	Apr - Sicon - 517.50, June - 2702.50
3951 905 110	Renewals - P&E (PS TP Teley)	\$5,770	\$119,561	\$113,791	Jul - Tonkin & Taylor - 4657.33, Sep - Tonkin & Taylor - 553.88, Nov - Tonkin & Taylor - 3021.38, Apr - Tonkin and Taylor correction of coding - (8232.59), The Environment - 5770.00
	Total Renewals	\$8,990	\$529,203	\$520,213	

Statement of Operations

June 2019

Statement of Operations										
Account	Detail	Month Actual	Month Budget	Month Variance	YTD Actual 2018/19	Ytd Budget 2018/19	Ytd Variance	Committed Expenditure	FYR Budget 2018/19	Last Year 2017/18
Opening Balance										
3954 980 01	Paparua W/Rc Oper Open Blnce.	-	-	-	\$1	(\$153,000)	\$153,001	-	(\$153,000)	(\$386,067)
Total Opening Balance		-	-	-	\$1	(\$153,000)	\$153,001	-	(\$153,000)	(\$386,067)
Income										
3954 101	Targeted Rate	-	-	-	(\$1,275)	-	(\$1,275)	-	-	\$497,282
3954 101 01	Public Good Rate	-	-	-	-	-	-	-	-	\$59,213
3954 101 02	Urban Public Good	-	-	-	-	-	-	-	-	\$141,679
3954 135	CCC Share-Public Good	-	-	-	\$71,696	\$71,696	-	-	\$71,696	\$71,696
3954 162	General Receipts	-	-	-	\$1,500	-	\$1,500	-	-	-
3954 187	Irrigation Charges	(\$612)	-	(\$612)	\$178,369	\$165,223	\$13,146	-	\$165,223	\$182,062
3954 187 02	Irrigation Rebate	(\$9,000)	(\$837)	(\$8,163)	(\$8,219)	(\$10,000)	\$1,781	-	(\$10,000)	\$14,592
Total Income		(\$9,612)	(\$837)	(\$8,775)	\$242,071	\$226,919	\$15,152	-	\$226,919	\$966,524
Expenditure										
3954 450	Electricity	\$34	\$62	\$28	\$374	\$700	\$326	-	\$700	\$350
3954 541	Insurance	-	-	-	\$8,274	\$10,288	\$2,014	-	\$10,288	\$9,439
3954 583 101	Maint - General S	\$55,579	\$57,500	\$1,921	\$666,950	\$690,000	\$23,050	-	\$690,000	\$667,946
3954 583 102	Maint - General R	\$27,665	\$10,000	(\$17,665)	\$121,819	\$120,000	(\$1,819)	\$1,400	\$120,000	\$107,872
3954 583 272	Maint - Cleaning R	-	-	-	\$226	-	(\$226)	-	-	\$4,440
3954 583 602	Maint - Source/Well/Headwork R	-	-	-	\$18,975	-	(\$18,975)	-	-	\$22,825
3954 593 282	Maint - Bank Removal R	-	\$4,163	\$4,163	-	\$50,000	\$50,000	-	\$50,000	-
3954 868	ECan/LoS Monitoring	\$57	\$125	\$68	\$2,653	\$1,500	(\$1,153)	-	\$1,500	\$135
3954 868 01	Scada Costs	\$42	\$25	(\$17)	\$281	\$300	\$19	-	\$300	\$266
3954 871	Urban Enhancement	-	\$1,413	\$1,413	\$643	\$17,000	\$16,357	-	\$17,000	-
Total Expenditure		\$83,377	\$73,288	(\$10,089)	\$820,195	\$889,788	\$69,593	\$1,400	\$889,788	\$813,273
Support										
3954 890 3900	Support Charges-WTR RACE	\$3,688	\$3,687	(\$1)	\$44,255	\$44,255	-	-	\$44,255	\$48,900
Total Support		\$3,688	\$3,687	(\$1)	\$44,255	\$44,255	-	-	\$44,255	\$48,900
Projects										
3954 082	Health and Safety improvements	-	\$1,500	\$1,500	-	\$18,000	\$18,000	-	\$18,000	-
Total Projects		-	\$1,500	\$1,500	-	\$18,000	\$18,000	-	\$18,000	-
Transfers - Operations										
3954 970 01	Transfer (to)/from Reserves	-	-	-	-	-	-	-	-	\$302,392
3954 970 99	Carry Forward Projects	-	-	-	-	\$153,000	(\$153,000)	-	\$153,000	-
Total Transfers - Operations		-	-	-	-	\$153,000	(\$153,000)	-	\$153,000	\$302,392
Operating Surplus/(Deficit)		(\$96,677)	(\$79,312)	(\$17,365)	(\$622,378)	(\$725,124)	\$102,746	(\$1,400)	(\$725,124)	\$20,676
Capital Projects										
3954 900 07	Railway Road - tipout point	-	-	-	\$13,200	\$15,000	\$1,800	-	\$15,000	-
Total Capital Projects		-	-	-	\$13,200	\$15,000	\$1,800	-	\$15,000	-
Renewals										
3954 905 100	Renewals - Linear (Pipe Valve)	-	\$47,582	\$47,582	\$60,263	\$170,003	\$109,740	-	\$170,003	\$20,676
Total Renewals		-	\$47,582	\$47,582	\$60,263	\$170,003	\$109,740	-	\$170,003	\$20,676
Closing balance		(\$96,677)	(\$126,894)	\$30,217	(\$695,841)	(\$910,127)	\$214,286	(\$1,400)	(\$910,127)	-
Special Funds										
3954 982 50	Renewal Reserve	-	-	-	-	-	-	-	-	\$424,468
Total Special Funds		-	-	-	-	-	-	-	-	\$424,468
		-	-	-	-	-	-	-	-	-

PAPARUA WATER RACE - FINANCIAL COMMENTARY FOR THE QUARTER ENDED - JUNE 2019

Account	Expenditure	Actual	Budget	Variance	Description
3954 450	Electricity	\$374	\$700	\$326	Jul - Meridian - 30.70, Aug - 31.57, Sep - 31.57, Oct - 30.32, Nov - 29.54, Dec - 29.03, Jan - 30.83, Feb - 31.20, Mar - 28.03, Apr - 33.19, May - 33.81, June - 33.98
3954 541	Insurance	\$8,274	\$10,288	\$2,014	Jul - Marsh - 8274.17
3954 583 101	Maint - General S	\$666,950	\$690,000	\$23,050	July, Aug, Sep, Oct, Nov, Dec, Jan, Feb, Mar, Apr - Sicon Ltd - C1241 Claim Water Service O&M
3954 583 102	Maint - General R	\$121,819	\$120,000	(\$1,819)	Jul - James Bull - 180.00, Sicon - 4366.40, Aug - Boraman - 617.40, Sicon - 4571.91, Sep - Refuse disposal - 214.12, Sicon - 4081.77, Oct - Refuse disposal - 15.86, Sicon - 4081.77, Nov - James bull - 152.21, Refuse disposal - 344.08, Qtec - 5613.00, HCB Tech - 732.40, Innovative Energy - 840.00, Sicon - 4590.65, Dec - Refuse disposal - 103.49, Sicon - 18356.71, Jan - Refuse disposal - 226.02, Sicon - 5071.41, Feb - Refuse disposal - 334.36, Sicon - 10985.27, Mar - Refuse disposal - 111.18, Sicon - 8633.21, Apr - Refuse disposal - 91.20, Sicon - 9472.41, May - Refuse - 75.34, Sicon - 10291.77, June - Refuse disposal - 248.16, Sicon - 27416.63
3954 583 272	Maint - Cleaning R	\$226	\$0	(\$226)	Jul - Refuse disposal - 226.02
3954 583 602	Maint - Source/Well/Headwork R	\$18,975	\$0	(\$18,975)	Aug - Sicon - 9620.35, Oct - 5214.30, Nov - 4140.00
3954 593 282	Maint - Bank Removal R	\$0	\$50,000	\$50,000	
3954 868	ECan/LoS Monitoring	\$2,653	\$1,500	(\$1,153)	Ecan consent monitoring - July - 532.50, Sep - 104.35, Nov - 458.19, Dec - 417.40, Feb - 56.67, Mar - 610.05, May - 417.40, June - 56.67
3954 868 01	Scada Costs	\$281	\$300	\$19	Aug - 2way - 5.38, Qtech - 25.45, Sep - 2way - 10.76, Qtech - 14.36, Oct - 2way - 5.38, Qtech - 17.49, Nov - 2way - 5.38, Dec - 2way - 5.38, Qtech - 38.22, Feb - Qtech - 22.71, Mar - Qtech - 25.09, May - 63.18, June - 42.36
3954 871	Urban Enhancement	\$643	\$17,000	\$16,357	Oct - Southern Woods - 642.61
	Total Expenditure	\$820,195	\$889,788	\$69,593	
3954 890 3900	Support Charges-WTR RACE	\$44,255	\$44,255	\$0	July, Aug, Sep, Oct, Nov, Dec, Jan, Feb, Mar, Apr - Selwyn District Council - Standard Charge
	Total Support	\$44,255	\$44,255	\$0	
Projects					
3954 082	Health and Safety improvements	\$0	\$18,000	\$18,000	
	Total Projects	\$0	\$18,000	\$18,000	
Capital Projects					
3954 900 07	Railway Road - tipout point	\$13,200	\$15,000	\$1,800	Jan - Sicon - 13200.00
	Total Capital Projects	\$13,200	\$15,000	\$1,800	
Renewals					
3954 905 100	Renewals - Linear (Pipe Valve)	\$60,263	\$170,003	\$109,740	Jul - Sicon - 9085.00, Oct - 3363.75, Feb - Schick - 46093.15, May - Sicon - 1721.12
	Total Renewals	\$60,263	\$170,003	\$109,740	

+

TO: Group Manager Infrastructure

FOR: Water Race Sub Committee Meeting – 26 August 2019.

FROM: Daniel Meehan – Surface Water Engineer

DATE: 15 August 2019

SUBJECT: **Items Of Unplanned Expenditure Over \$5,000**

1. RECOMMENDATION

1.1 *That the Water Race Subcommittee receives this report. "Items Of Unplanned Expenditure Over \$5,000" for information*

2. PURPOSE

2.1 Provide the Water Race Subcommittee with information detailing the water race schemes and individual unplanned expenditure items over \$5,000 during May, June, July 2019.

3. HISTORY / BACKGORUND

3.1 This report covers the period May, June, July 2019.

Activity occurring over \$5000		
Scheme	Amount	Activity
Malvern	\$5,741.80	Waimakariri Fish Screen Maintenance – Lift out Screens, inspection and replacement of axel stubs and Teflon pads. Chain adjustments. Water Blasting Screen. (Work in April 2019)
Paparua	\$19,638.45	Paparua Intake – Fish Screen Maintenance - replacement chain & bearings, repairs to screen and paddle wheel. Gear box and cog refurbishment.

*Note although this expenditure is unplanned this is covered under reactive budgets.

3.2 Items of expenditure over \$5,000 committed in the next period. August, September and October 2019.

Activity planned over \$5000		
Scheme	Amount	Activity

*Note although this expenditure is unplanned this is covered under reactive budgets.

ENDORSED FOR AGENDA

Daniel Meehan
Surface Water Engineer

M F Washington
Group Manager Infrastructure

REPORT

TO: Chief Executive
FOR: Water Race Sub Committee Meeting – 26 August 2019
FROM: Surface Water Engineer
CC: Corporate Services Manager
DATE: 15 August 2019
SUBJECT: **Proposed Water Race Closures To Proceed to Public Consultation**

1. RECOMMENDATION

That the Sub-Committee:

- a) *Agree to proceed to public consultation for the proposed closures with greater than 80% support from affected landowners.*
- b) *Consider the remaining closures without 80% support and provide recommendation to proceed to public consultation once greater than 80% support is reached.*
- c) *Advise the Council that the proposed closures are considered to be of low significance not impacting the intended level of service provision for the water races.*
- c) *Consider any submissions to the proposed closures raised during public consultation, and provide an opportunity to those persons wishing to be heard.*

2. PURPOSE

Advise the Water Race Sub-Committee of the following proposed water race closures, seek recommendation to proceed to public consultation once over 80% support for closure is achieved:

Paparua

- Closure of 0.5km of race through 1 property, Hoskyns road, Rolleston.
- Closure of 1.3km of race through 1 property, Weedons road, Lincoln.
- Closure of 0.6km of race through 6 properties, Waterholes road, Rolleston.
- Closure of 2.3km of race through 16 properties, Springston Rolleston road, Rolleston.

Ellesmere

- Closure of 3.0km of race through 4 properties, Heslerton Road,
- Closure of 3.3km of race through 6 properties, Feredays Road, Leeston

3. SIGNIFICANCE ASSESSMENT/COMPLIANCE STATEMENT

Explicit provision has been made in the 2018/28 Selwyn District Council Long Term Plan (LTP) for water race closures^[1] initiated by rate payers. The 2018/28 LTP has identified the following as major projects:

- Work with Central Plains Water and other third parties to develop shared water services / infrastructure where such ventures provide benefit to and are supported by Council.
- Progress ratepayer initiated water race closures to public consultation once approved by the Water Race Committee for closure. The committee will consider ratepayer initiated closures once 80% written support from directly affected property owners is obtained. All closures are subject to Council approval. Council initiated race closure will also occur over this LTP period.
- Work towards the closure of the Upper Ellesmere Water Race network.
- Work with Environment Canterbury and key stakeholders to realise opportunities to use consented stock water for environmental enhancement including targeted stream augmentation and habitat enhancement.

Significance is interpreted in section 5 of the Local Government Act 2002 (LGA). The Council's Significance and Engagement Policy further outlines the meaning of 'significance' by stating that:

Significance should be assessed in terms of consequences for:

- The district or region
- Any persons who are likely to be particularly affected by or interested in the proposal, decision or matter
- The capacity of the local authority to perform its role, and the financial and other costs of doing so.

The Significance and Engagement Policy also sets out criteria for assessing significance which are applied in section 3.1 below.

The 2018/28 LTP identifies Water Races as a strategic asset. Strategic assets are assets or groups of assets that the local authority needs to retain to maintain its capacity to achieve or promote any outcome that is important to the current or future wellbeing of a community.

The LTP states that the level of significance of a decision will determine the process used by the decision maker considering Council's commitment to constructive community engagement. An assessment of significance has been included below for the Committee's discussion and recommendation.

3.1 Decision Making Considerations

The proposed water race closure(s) included in this report in Table 4.1 have been considered against the criteria for assessing significance from the Significance and Engagement Policy contained in the LTP 2018/28 (p. 220).

^[1] LGA 2002 S97(2)a

3.2 Policy and Outcomes

Council has indicated its intention to progress rate payer initiated water race closures. The proposed closures are not known to conflict with other Council policies or strategies

The following community outcomes are considered relevant to proposed water race closures:

Table 3.1 – Community Outcomes

Community Outcome	Level of Support
A living environment where the rural theme of Selwyn is maintained	Rural land use is changing. The proposed water race closures are being driven by the Community in line with their changing needs, therefore water race closures support this community outcome.
Selwyn has a strong economy which fits within and complements the environmental, social and cultural environment of the District.	Council seeks to support existing agriculture and other land based sectors. Ceasing to operate inefficient and ineffective assets that are no longer required by the Community supports the local economy.

- Closing water races that are no longer required by the community provides commercial and economic benefit to the rural communities of the District and reflects the changing needs of these communities.
- Closing water races can represent a cost saving to Council and rate payers. This is discussed further in section 12.
- There are no known impacts on Council's capacity to undertake its statutory responsibilities.
- There are no known inconsistencies with any existing policy, plan or legislation. The role of water races in maintaining a living environment where the rural theme of the District is maintained, has been recognised in the LTP. Providing an effective water race service and delivering levels of service is a key part of delivering community outcomes. Where a race cannot be supplied due to consent limits at the intakes or operational issues and leakage, maintaining channels that are not used or that have intermittent flow is counter to achieving this objective.

Communities

- The number of property owners affected by each closure is detailed in table 4.1. Consultation to the wider community will occur along with notification of key stakeholders include Department of Conservation, Fish and Game, Environment Canterbury and Ngāi Tahu.
- Affected persons are directly consulted on all water race closures. These include rated and non-rated properties that have a water race on or adjacent to their property. Where a closure has attracted 100% support from directly affected property owner, the closure is considered to be of low significance.

- Following approval by the Water Race Sub Committee, public advertisement of the proposed closures will occur.
- Council are considering the ecological impact of race closures by facilitating fish salvage where appropriate.
- It is not expected that proposed water race closures will generate wider national or international interest.

Ngāi Tahu

- See section 7.3 of this report.

Context and Implications

- An assessment of the options considered as alternatives to water race closure is included in section 6 of this report.
- The proposed water race closures are not expected to have any unintended consequences for community interests. The environmental, social and cultural impacts of the closures have been considered as outlined below:
 1. Cultural interests – the race closures proposed are not considered to impact the character of the District they are often on private land and exist extensively in other parts of the District. Potential implications for Ngāi Tahu (only as identified at this early pre-consultation stage) are discussed in section 7.3.
 2. Social interests – water races on private property are not considered to provide amenity value to the wider community and their closure is therefore not considered significant. Race closures on the roadside may have some visual impact in areas with high amenity. Under Council's process, for a rate payer initiated race closure to proceed, all affected property owners (those with a race on or adjacent to their property regardless of whether they are rated for stock water) are consulted and approval is required for closure to be progressed. Further public submissions are invited from the wider community.
 3. Economic interests – the proposed race closures will have no identifiable economic impact on the wider Selwyn District. Council and rate payers will benefit from operational and capital cost savings and Council will monitor the cumulative impact on rate revenue reduction which is discussed further in section 12.
 4. Quality of the Environment – opportunities for fish salvage will be provided in consultation with the Department of Conservation prior to any race closure. Closing ineffective and inefficient races provides environmental benefit as discussed further in section 7.
- The proposed water race closures are not considered to impact a scarce resource. The provision of water for stock can generally be provided from alternative sources.
- The proposed water race closures are considered as irreversible where they cross private property. Council do not hold easements for most water races and are unlikely to have the power to enforce reinstatement of water race

channels on private property. However, stock water supply can generally be provided from other sources.

- By undertaking public consultation on the proposed water race closures, Council will establish whether the proposed closures are considered controversial.
- All water race closures will be progressed following appropriate consultation in a timely manner
- Closures that have attracted 100% support do not present uncertainty or lack of clarity for Council. Council initiated closures being progressed to consultation with 70% support or greater attract some degree of uncertainty. Greater certainty will be obtained during the consultation period.

The proposed water race closures represent the following loss to each of the schemes:

Paparua

- Reduction in length of water races = 4.7km - .53%
- Loss in water race rates = \$9,731.00 - 0.44%

Ellesmere

- Reduction in length of water races = 6.3km - .071%
- Loss in water race rates = \$ 5,112.00 - 0.23%

** Based on Total Targeted Water Race Rates adjusted to include change to amenity rate.*

** Based on Total lengths of active water races from AMS as at August 2019.*

The Paparua and Ellesmere proposed closures are negligible percentage reductions when considered against the total length of water race as indicated above.

4. HISTORY/BACKGROUND

4.1 Proposed Closures Recommended for Progression

Council has received requests for closure of the following races.

Table 4.1 – Proposed Water Race Closures Recommended for Approval to Progress to Public Consultation

Ref	Scheme	Received from	Road Name	Number of affected Property Owners	% Affected landowner approval	Approx. race length	Progress
1	Ellesmere	B Symes and M Marshall	Heslerton Rd	4 (Received 2 forms)	50%	3.0km	Downstream approved for closure 2017, 2 adjacent properties may be affected and require signatures.
2	Paparua	NTP Development Holdings Ltd	Hoskyns Rd	1	100%	0.5km	Shifting race termination point to above this property. No other affected properties.
3	Paparua	Garrison Developments Ltd	Weedons Rd	1	100%	1.3km	Closing off section to allow for development. All signatures received.
4	Paparua	S Yule	Waterholes Rd	6(Received 5 forms)	83%	0.6km	Closing off unreliable section landowners no longer wish to use.
5	Paparua	Long Vision Property Development	Springston Rolleston Rd	16 (Received 9 forms)	50%	2.3km	Closing off section to allow for residential development and changing land use.
6	Ellesmere	I Lowery	Feredays Rd	6	100%	3.3km	Retrospective closure to formally close a section of race which has not run for over 10 years.
TOTAL				34		11km	

Appended to this report (Appendix A) are maps showing the location of the above sections of race proposed for closures.

5. PROPOSAL

Approval to proceed to public consultation for the following proposed closures once 80% of signed agreement of closure forms has been received:

Paparua

- Closure of 0.5km of race through 1 property, Hoskyns road, Rolleston.
- Closure of 1.3km of race through 1 property, Weedons road, Lincoln.
- Closure of 0.6km of race through 6 properties, Waterholes road, Rolleston.
- Closure of 2.3km of race through 16 properties, Springston Rolleston road, Rolleston.

Ellesmere

- Closure of 3.0km of race through 4 properties, Heselton Road,
- Closure of 3.3km of race through 6 properties, Feredays Road, Leeston

6. OPTIONS

Where a request for water race closure is received, there are a number of potential options available to Council.

Table 6.0 – Alternative Options Considered

Option	Details	Advantage	Disadvantage
1. Water race closure	Race closure with the agreement of all affected land owners (rate payers on the race or directly adjacent to the race), subject to public consultation and reasoned consideration and response to issues raised during consultation.	Objective is achieved and wishes of rate payers considered.	Loss of rating income. Ecological values of races not maintained.
2. Piping of water race	Piping can be considered if downstream property owners wish to maintain supply. Piping to be funded by each landowner. Piping a water race will not maintain the ecological value of an open water race channel.	Supply to downstream property owners maintained.	Landowners responsible for maintenance of pipes with potential upstream impacts if not maintained. Higher cost to land owners. Ecological values of races not maintained.
3. Race relocation	Relocation could be considered if downstream property owners wish to maintain supply for stock water purposes. Costs to be met by landowners.	Rating income retained.	Unlikely to achieve benefits of race closure required by land owners. Potential impacts on adjacent land owners. Cost to land owners.

Option	Details	Advantage	Disadvantage
4. Race retained	Do nothing races retained.	Rating income retained.	Needs of rate payers requesting closure not met.
5. Onsite alternatives	On site alternatives e.g. a well, could be considered if land owners wish to retain a stock water service.	Stock water supply retained.	High cost to property owners for installation and ongoing maintenance. Ecological and other race values not retained.

These options are alternatives to closure of an open race if a downstream landowner requires a stock water supply to continue. Water race closures will only occur for short lengths of race (excluding whole or major part of scheme closures) if at least 80% support from affected land owners and approval from the Water Race sub-committee is obtained.

7. VIEWS OF THOSE AFFECTED/CONSULTATION

7.1 Views of those affected

The Local Government Act 2002 section 82 requires consultation with persons affected by or have an interest in a decision. They must also be provided with a reasonable opportunity to present their views to the Local Authority.

The level of significance of a proposed water race closure will inform the level of consultation undertaken. The LTP outlines an engagement spectrum which ranges from informing the community to empowering the community.

Significant closures are required to be provided for the LTP. Rate payer initiated closures and closure of the Upper Ellesmere water race has been provided for in the 2018/28 LTP.

For an individual race closure to be progressed, the Council's water race closure process requires that the initiator of the water race closure request obtain agreement from 80% of affected property owners and provide Council with a 'Agreement to Close Water Race' form signed by all affected property owners.

An affected property owner has been deemed to be those with a race on or adjacent to the property, regardless of whether the property is rated.

Once 80% support is obtained from land owners, the closure request can proceed to public notification and the water closure request is publicly notified. If interested parties wish to present their views there will be an opportunity at the Water Race Committee meeting every quarter. Should objections to an advertised closure be received, the hearing panel will consider the objection and its relevance to stock water supply and pass recommendation to the Water Race Sub-Committee to consider as part of their decision making.

Where a proposed water race closure has attracted 80% support and no further objections are received, the Sub-Committee will progress the closure once approved by Council. For Council initiated closures or strategic closures, Council's

process requires 70% support to be gained for proposed closures to progress to public consultation.

7.2 Interested Parties Consultation

To allow any parties with an interest in water race closures to input into the process as required by S 82 (1 (a)) of the LGA, all race closures will be publically advertised for a minimum of 2 weeks in Council Call and on the Council website. Maps of proposed water race closures will be available to view at Council or on the website. A summary of the proposed water race closures is made available on the Council website.

A letter will be sent to all directly affected property owners to notify them that the proposed closure has been approved to progress to public consultation.

Specific stakeholders identified as Department of Conservation, Fish and Game, Historic Places Trust (specifically where structures e.g. headworks are involved) and Ngāi Tahu will be directly provided with a copy of the above advertisement.

Should any parties wish to present their views on the advertised closures, an opportunity will be provided at the Water Race Sub Committee meeting prior to approval being considered by the Committee.

A recommendation to Council has been made to delegate powers to hear submissions to the Water Race Sub Committee and make recommendation on the significance of water race closures and agree closures not deemed significant.

Minutes from the Water Race Subcommittee meetings are available for public viewing on Council's website.

A public hearing will only occur if persons wish to be heard. Hearing are only expected to be required for significant closures or those progressing with 70% support. Any objections to race closures on grounds other than stock water supply will be considered during public hearing (if applicable) and the hearing decision confirmed by the Water Race sub-committee. Consideration will need to be given to whether objectors are stock water rate payers and directly or indirectly affected. Should a race be retained for reasons other than stock water supply a different rating mechanism may be required.

Once approved by the sub-committee a public advert for the above listed closures will be placed.

Letters will also be sent to the following key stakeholders informing them of the proposed closures and providing a copy of the above advert.

- MKT & Te Taumutu Runanga
- Department of Conservation
- Fish and Game
- Fire and Emergency

7.3 Māori implications

The entire Selwyn district lies within the rohe of Ngāi Tahu. The importance of Ngāi Tahu is recorded in the Council's Significance and Engagement Policy (section 6).

Te Rūnanga O Ngāi Tahu Freshwater Policy recognises the importance of providing a stock water supply to communities. This principal is considered alongside a number of others which seek to protect the environment and its inhabitants. By proposing the closure of ineffective, inefficient and no longer required water race assets, Council is proposing to better balance the needs of rate payers, Iwi and the environment.

Mahaanui, The Iwi Management Plan (IMP) 2013, recognises the importance of the water race network and states that they should be managed as waterways. In support of these principals Council require that heavy stock (deer and cattle) is fenced from entering the water races and provides advice to landowners on how to provide stock access to drink without entering the channel.

In support of the principles outlined in the (IMP) and per the Regional Councils direction, the Council have installed fish screens at the Paparua, Upper Kowai, Glentunnel (Selwyn River), Waimakariri and Lower and Upper (Terrace Lea) Rakaia intakes.

At the time of advertising closures, details of the proposed closure are provided to Ngāi Tahu via MKT. It should be noted that in general water races requested for closure are often tail end races (lateral races) where excess water is disposed of to ground. Where a water race feeds another water course further consideration will be given to impacts on that waterway.

7.4 Ecological Considerations

The Canterbury Water, Selwyn Wahiora Zone Implementation Programme acknowledges that Council are reviewing the operation of the stock water race network and seeking opportunities for rationalisation while managing some races for biodiversity and community values.

The Implementation Plan supports race rationalisation and recognises the importance of reliable stock water supplies while identifying opportunities for supporting an aquatic corridor from mountains to sea via water races and creating wetlands at discharge to ground locations.

Mahaanui, the Iwi Management Plan 2013 recognises the importance of the water race network for biodiversity and habitat for native freshwater fish. Upon guidance from a suitably qualified ecologist, a fish salvage and relocation program will be provided to DoC and Fish and Game prior to a water race closure.

DOC have indicated that in general terms if a race has been dry for a period of time, low levels of aquatic life are expected to be present and limited to isolated pools. In a memo to Council dated 6 July 15, which can be found in Appendix B, DOC have indicated that the level of input from DOC may need to be prioritised based on predicted distribution of threatened species and external contractors may need to

be used. DOC may provide guidance to Council and Contractors on the process the suitable sites for relocation.

Fish salvage may be necessary. Closures need to take into consideration the Resource Management Act 199, Freshwater Fisheries Regulations 1983, and the Fisheries Act 1996, and/or the Conservation Act 1987. Where DOC or NIWA staff are not available to undertake fish salvage and it is deemed necessary by a suitably qualified and experienced person, consulting companies exist that are equipped to undertake electrofishing, however this may attract significant cost. The Agreement to Close Water Race form states that the benefiting property owners are liable for their share of the costs associated with the closure.

The Council undertook an assessment of sites of high ecological and aesthetic values within the Water Race schemes in 2011, refer appendix C. Assessing this against the proposed closures confirms there are no identified areas of significant ecological value.

8. RELEVANT POLICY/PLANS

- Council Policy W107 Closure of Water Races
- Significance and Engagement Policy

9. COMMUNITY OUTCOMES

See section 3.1 above.

10. NEGATIVE IMPACTS

Negative impacts or effects will be considered as part of the race closure approvals process and closures will only proceed if negative effects are mitigated or minimised and affected land owners agree. There are no known negative impacts of this closure.

11. LEGAL IMPLICATIONS

The recommendation complies with the requirements in the Local Government Act 2002 and the Council's policies and internal procedures. See Appendix D for a Flow Chart of the Water Race Closure Process.

12. FUNDING IMPLICATIONS

12.1 Rating Impact

The proposed race closures detailed in this report are expected to have the following impact on rating income:

Table 12.1 – Funding Implications of Proposed Race Closures

Ref	Scheme	Received from	Road Name	Loss of Targeted Rating Income	Percentage of Total Rating Income (District Account)
1	Ellesmere	B Symes and M Marshall	Heslerton Rd	\$3,563.00	.16%
2	Paparua	NTP Development Holdings Ltd	Hoskyns Rd	\$875.00	.04%
3	Paparua	Garrison Developments Ltd	Weedons Rd	\$1,549.00	.07%
4	Paparua	S Yule	Waterholes Rd	\$2,171.00	.10%
5	Paparua	Long Vision Property Development	Springston Rolleston Rd	\$5,136.00	.23%
6	Ellesmere	I Lowery	Feredays Rd	\$1,549.00	.07%
TOTAL				\$14,843.00	.67%

The cumulative impact of closures will continue to be considered as more closure requests are received.

12.2 Cost Savings

Closures to date have typically been short lengths of lateral water race that are maintained by the property owners. Closure of these races have minimal impact on operational costs.

12.3 Closure Costs

The cost of closures will be met by the benefiting property owners. All closures are yet to be assessed for fish salvage requirements.

13. HAS THE INPUT/IMPACT FROM/ON OTHER DEPARTMENTS BEEN CONSIDERED?

A copy of this report has been provided to the Corporate Services Manager as income accounts will be affected.

PREPARED AND REVIEWED BY

**DANIEL MEEHAN
SURFACE WATER ENGINEER**

**MURRAY ENGLAND
ASSET MANAGER, WATER SERVICES**

ENDORSED FOR AGENDA

**MURRAY WASHINGTON
GROUP MANAGER INFRASTRUCTURE**

APPENDIX A – WATER RACE MAPS PROPOSED CLOSURE

APPENDIX B – MEMO FROM DEPARTMENT OF CONSERVATION

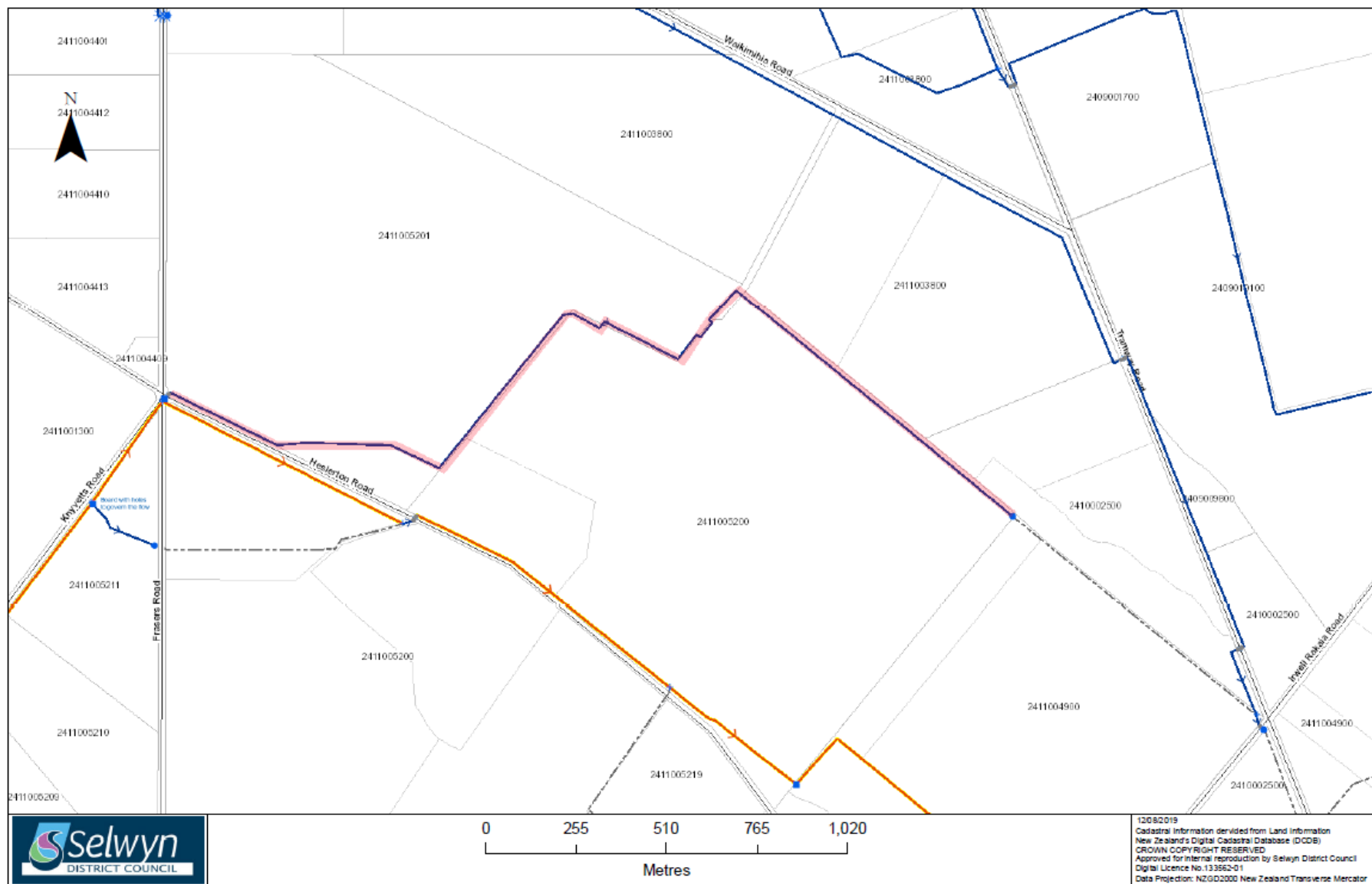
APPENDIX C – EOS ECOLOGY, ELLESMERE SITES OF HIGH ECOLOGICAL VALUE – 2011

APPENDIX D – WATER RACE POLICY W107 – CLOSURE OF WATER RACES POLICY

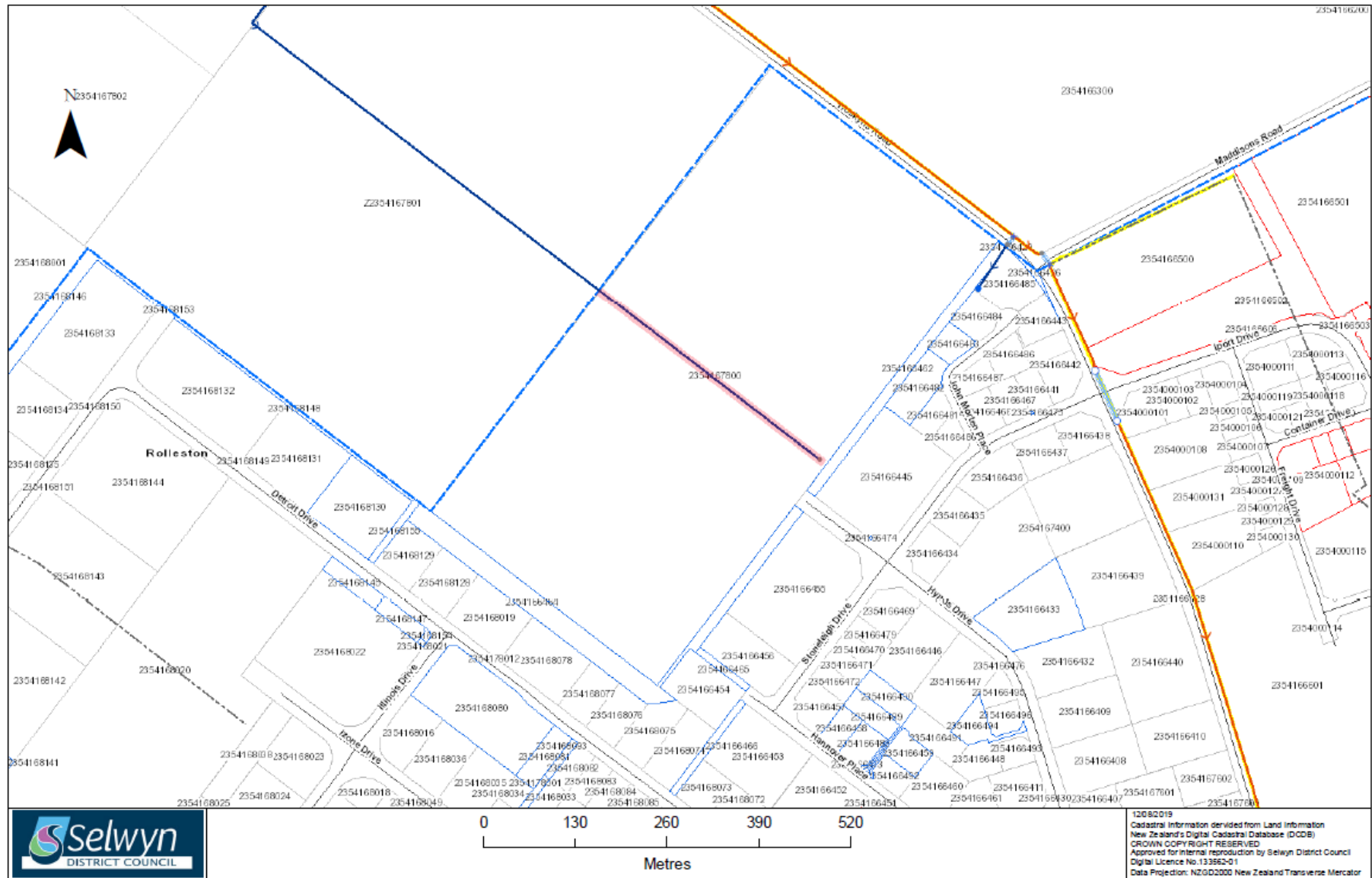
APPENDIX E - STRATEGIC WATER RACES - ECOLOGICAL AND AESTHETICS

APPENDIX A – WATER RACE MAPS PROPOSED CLOSURE

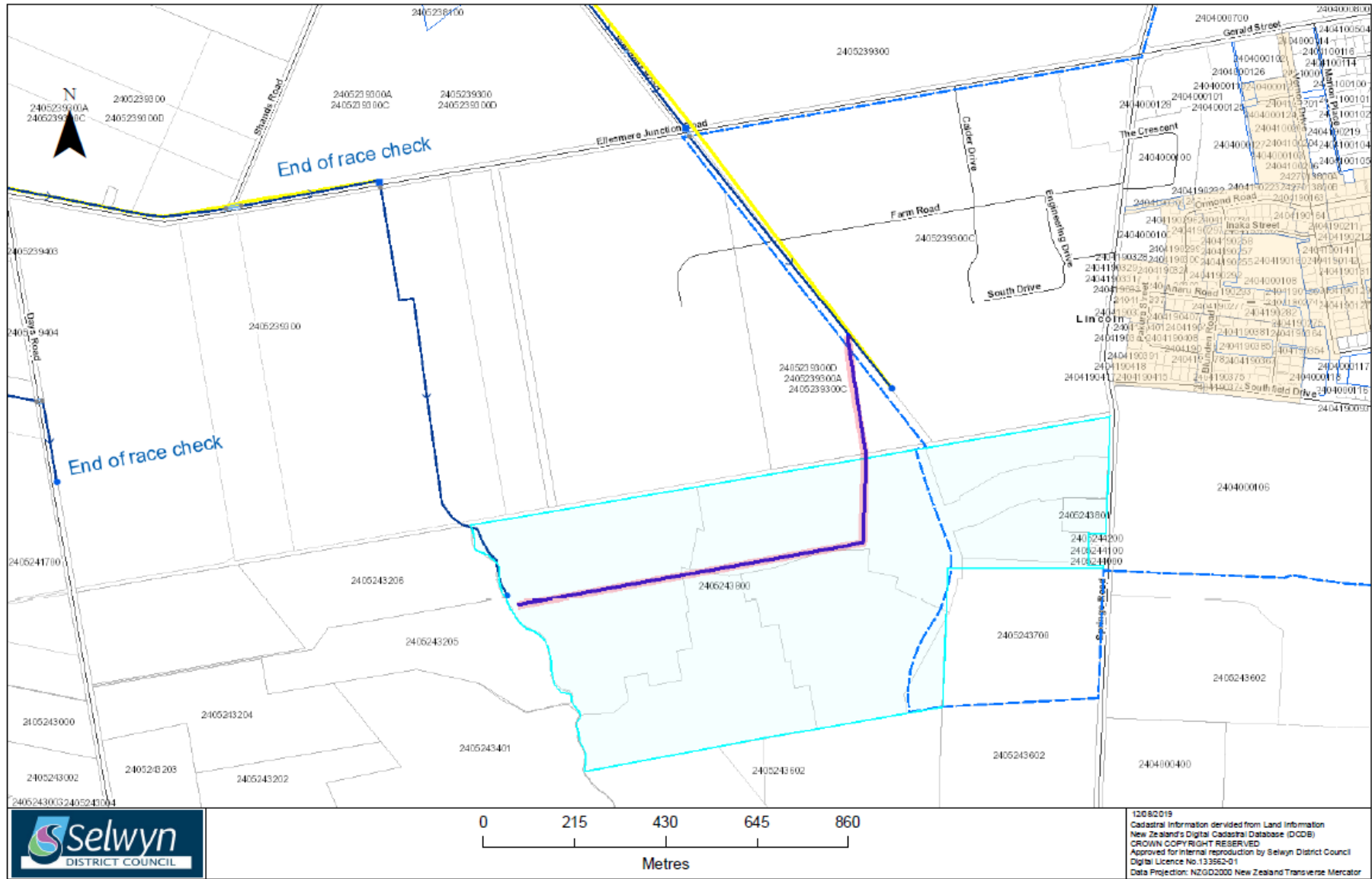
1 - Heslerton Road



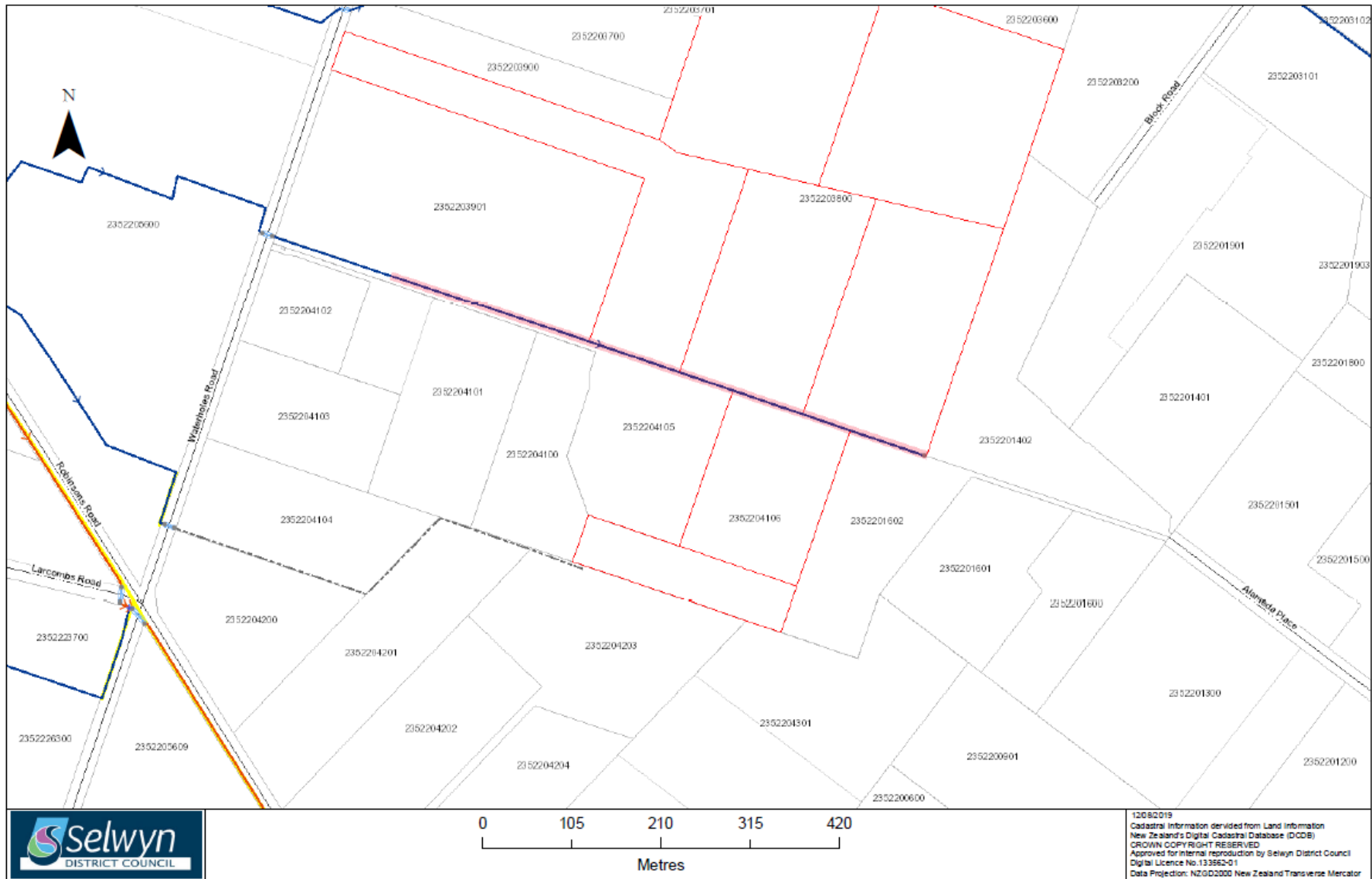
2 - Hoskyns Road



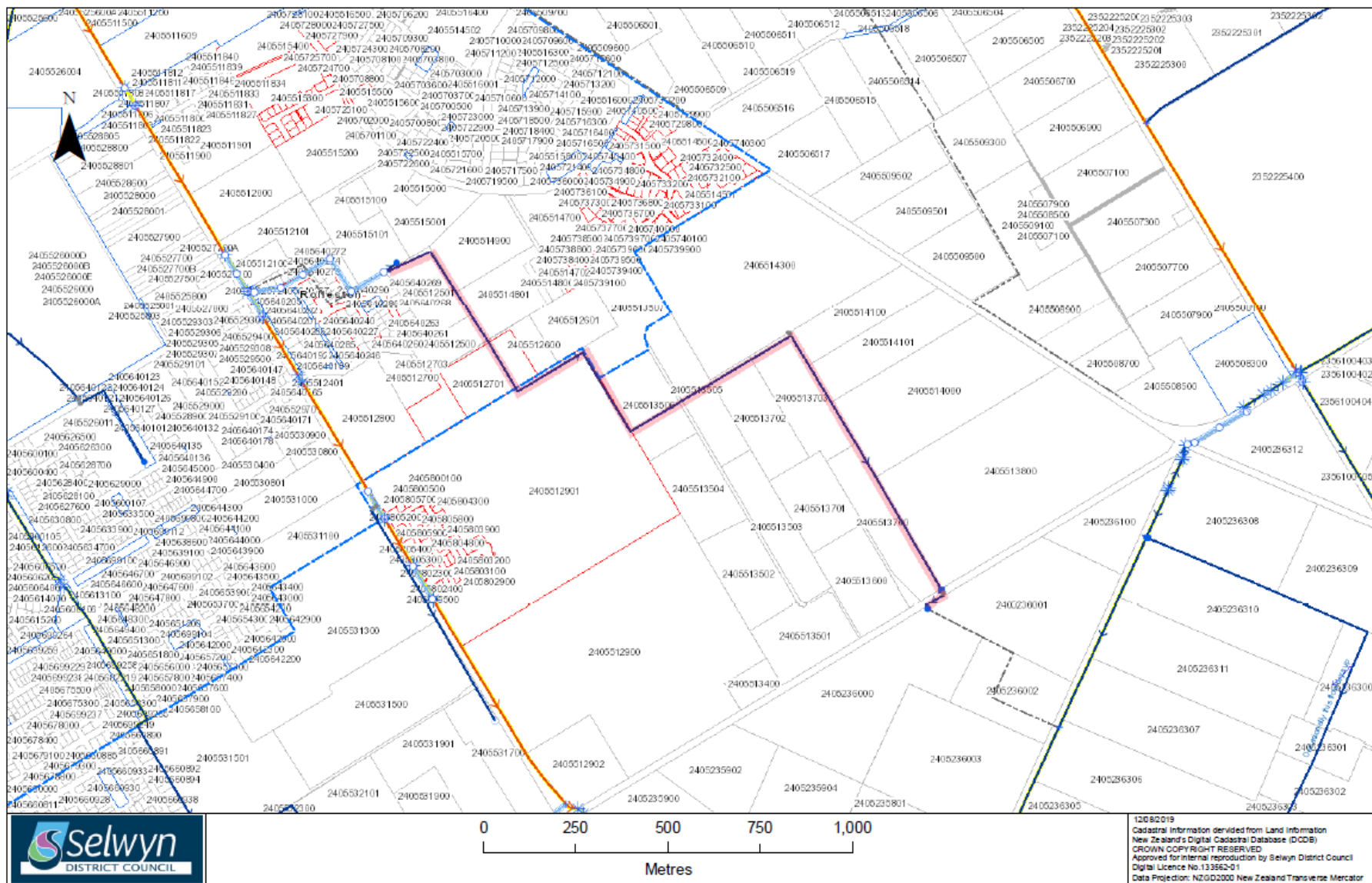
3 - Weedons Road



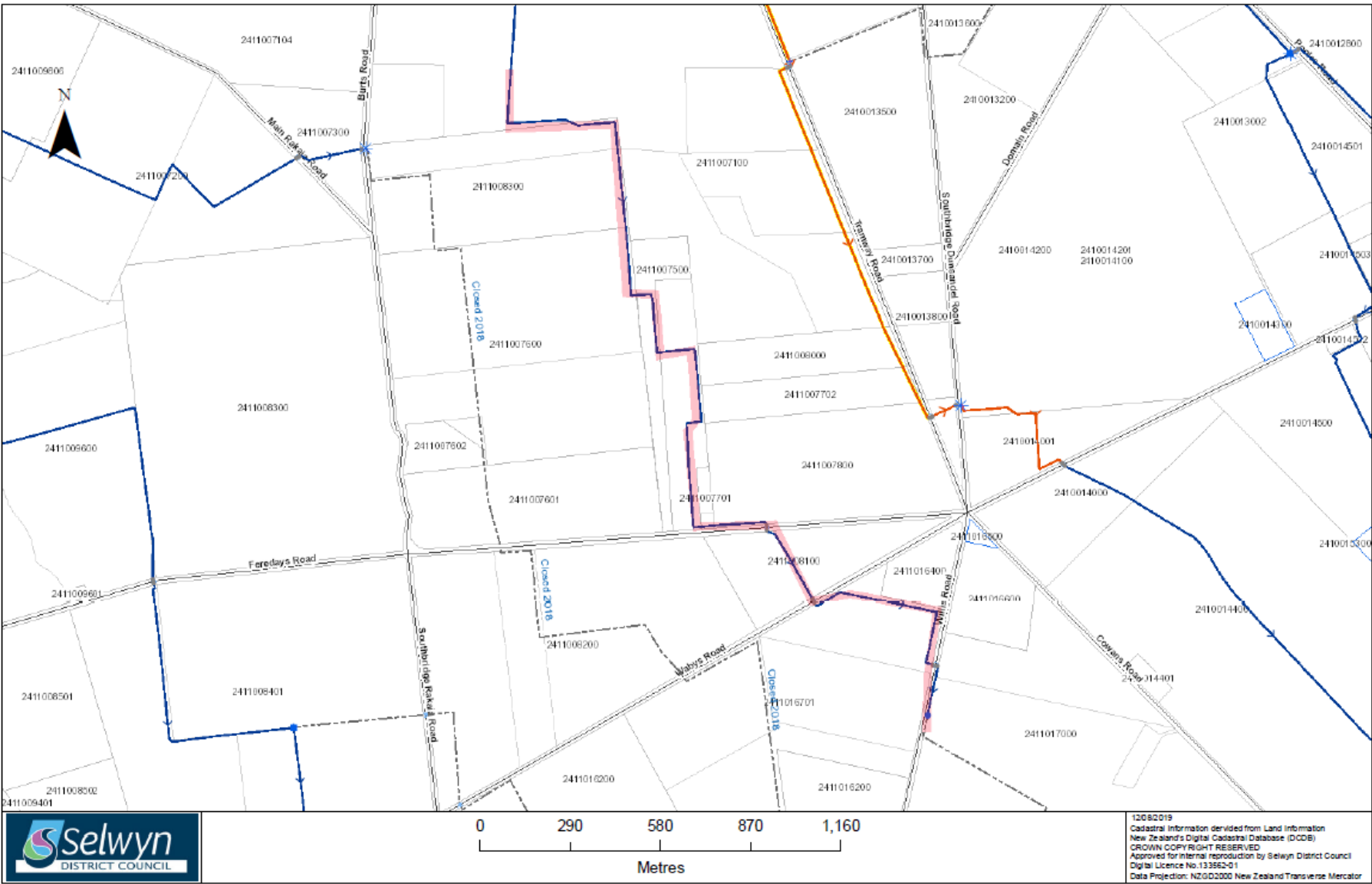
4 - Waterholes Road



5 - Springston Rolleston Road



6 - Feredays Road



APPENDIX B – MEMO FROM DEPARTMENT OF CONSERVATION



Date: 6 July 2015

To: Jo Golden – Water Services Engineer – Selwyn District Council

CC: Murray England – Asset Manager – Water Services – Selwyn District Council
Anita Spencer – Biodiversity Ranger, Conservation Services, Mahaanui District, Department of Conservation
Rosemary Miller – Freshwater Manager, Science & Capability Group, National Office, Department of Conservation

From: Nicholas Dunn – Freshwater Science Advisor, Science & Capability Group, National Office, Department of Conservation

Memo: Notes from fish salvage from the Selwyn District Council stockwater race below Crossgates Road prior to closure

This memo describes the freshwater fish salvage conducted by Department of Conservation staff in the Selwyn District Council stockwater race below Crossgates Road, Southbridge, and considerations for future salvage operations.

Crossgates Road salvage

Fish salvage was conducted on 11 and 12 May 2015 in 2.3 kms of stockwater race below Crossgates Road in the Ellesmere scheme. Below this, 730 m until the end of the water was not considered fish habitat. A further 1.96 km of race below this again was dry. The salvage followed recognisance visits on 19 November 2014 and 30 April 2015.

A total of 225 upland bully (*Gobiomorphus breviceps*) and 2 longfin eel (*Anguilla dieffenbachii*) were captured over the two day period, being relocated to a section of race on North Rakaia Road near the intake from the Rakaia River.

Future salvage

Observations during the current salvage could be used to guide future salvages:

- Three staff members took part in the salvage each day. This level of input needs to be prioritised against other biodiversity work. Future salvages may need to be guided by DOC staff, but be undertaken by external contractors.
- Dependant on the location of the race closure, the level of input from DOC may need to be prioritised by the known or predicted distribution of species based on their conservation status under the New Zealand Threat Classification System.
- Having the water race ranger on site during recognisance visits is beneficial. This allows identification of sections of race that have previously dried or had low water levels, or lack bankside vegetation and instream macrophytes, and thus likely represent low quality fish habitat.

APPENDIX C – EOS ECOLOGY, ELLESMERE SITES OF HIGH ECOLOGICAL VALUE – 2011



APPENDIX D – WATER RACE POLICY W107 – CLOSURE OF WATER RACES POLICY

Reviewed by Council – 22 May 2019

W107 - Closure of Water Races Policy

Category	Water Races	Type	Policy
Policy Owner	Asset Manager, Water Services	Approved by	Council
Last Approved Revision	May 2019	Review Date	June 2022

PURPOSE

This policy provides guidance on water race closures.

ORGANISATIONAL SCOPE

This policy relates to all potential water race closures.

DEFINITIONS

Water Race	has the same meaning given in the Local Government Act 2002
Public initiated closures	are closures initiated by private property owners which have signed closure approval forms for at least 80% of directly affected properties.
Council initiated closures	are closures which are identified in either the current Long-Term Plan or Annual Plan.

THE POLICY

1. The water race network may be rationalised from the extremities of the scheme on a race by race basis as Public initiated closures. The request for a Public initiated closure must be made in writing to the Group Manager Infrastructure or delegated officer.
2. Council initiated closures are strategic in nature and may be larger in scope including closure of whole water race schemes.
3. All water race closures are to include consultation with directly affected property owners, and in consideration of any other decisions pertaining to the enhanced use of the scheme for commercial and non-commercial irrigation, aquifer recharge, targeted stream augmentation, amenity and ecological values.
4. All closures shall be assessed by the water race committee and if appropriate approved by the Committee to progress to public consultation.
5. The water race committee will hear any submissions arising from the public consultation before making a recommendation to Council on whether the water race closure should proceed.
6. Council approval is required for all water race closures.

DELEGATIONS

The implementation of this policy is delegated to the Group Manager Infrastructure.

RELATED POLICIES, PROCEDURES AND FORMS

- Water Race Bylaw 2008
- Water Race Management Plan

CONTACT FOR FURTHER INFORMATION ABOUT THIS POLICY

If you have queries about the content of this policy, contact the Asset Manager, Water Services.

POLICY REVIEW TABLE

Date of last review	Status / Summary of changes made
22 June 1998	Reviewed by Water Race Committee
8 May 2006	Amended by Water Race Committee
11 July 2007	Confirmed by Council
10 June 2009	Confirmed by Council
22 May 2019	Reviewed by Council

APPENDIX E - STRATEGIC WATER RACES - ECOLOGICAL AND AESTHETICS

