

CARTERTON
DISTRICT COUNCIL

**Water Race
Committee Meeting**

**Wednesday
16 May 2018
9.30am**



AGENDA

The Agenda of the Water Race Committee Meeting of the Carterton District Council to be held in the Hurunui o Rangi Room at the Carterton Events Centre, 50 Holloway Street, Carterton on Wednesday 16 May 2018 at 9.30am.

- 1. Apologies**
- 2. Conflict of Interest Declaration**
- 3. Public Forum**
- 4. Notification of General Business / Late Items**
- 5. Water Race Water Quality Strategy Report** page 1 - 12
- 6. Water Race Operations Report** page 13 - 16
- 7. Draft Applications for Water Race** page 17 - 26
- 8. Election of Water Race Committee community representatives** page 27 - 28
- 9. Financial Performance to March 2018** page 29 - 32
- 10. General Business/Late Items**
- 11. Confirmation of the Minutes** page 33 - 38

Minutes of the Water Race Committee meeting held on the 21 February 2018.
- 12. Matters Arising from Minutes**
- 13. Exclusion of Public** page 39 - 40
 - 13.1 Application to close section of water race** page 41 - 46
 - 13.2 Minutes of the Public Excluded portion of the Water Race Committee meeting held on the 21 February 2018** page 47 - 48



16th May 2018

Water Race Committee

Water Race Water Quality Strategy

1. PURPOSE

The purpose of this paper is to provide a summary of the Water Race Quality Strategy.

2. SIGNIFICANCE

The matters for decision in this report are not considered to be of significance under the Significance and Engagement Policy.

3. SUMMARY OF WATER RACE QUALITY STRATEGY

Effective management and monitoring of the water race network is required to manage the effects on the environment and water quality and meet the needs of the users. This Water Quality Strategy is designed to provide the framework required to achieve this, as follows:

- Seek external advice on quality monitoring programme
- Establish frequency and location of new testing programme
- Carry out new quality monitoring programme
- Provide first dashboard report on water quality
- Provide annual report to determine any specific areas of concerns
- Develop engagement strategy with affected users to promote best practice, stock access and planting.

4. NEXT STEPS

Advice will to be sought from Cardno Ltd on a water quality monitoring programme. The frequency and location of the new testing programme will be established based on this advice.

The first dashboard report on water quality will be provided to the Water Race Committee meeting at its August meeting.

A strategy for engaging with affected users to promote best practice, stock access and planting will be developed and presented to the Water Race Committee at its August meeting for sign off.

5. RECOMMENDATIONS

That the Water Race Committee:

1. **Receives** the report.

Garry Baker
Infrastructure and Services Manager

Attachment 1 – Water Quality Strategy v1.5 draft

Water Race

Water Quality Strategy

Carterton District Council



CARTERTON
DISTRICT COUNCIL

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1. BACKGROUND

Awareness and management of water quality has been an increasingly important issue of recent years. There has been increasing pressure placed on water resources by both urban and agricultural demand. And like all users of fresh water, the Carterton District Council (CDC) is required to manage use of water in line with the Resource Management Act.

The water race network in Carterton District began operation over 100 years ago and was established to provide a reliable water source for agriculture. The primary purpose of the water race network today is essentially the same, although the network faces increased pressure from other resource users and changes in agricultural practice and technology.

The water race systems must be able to function and co-exist alongside other resource users in addition to managing the effects on the environment. This is especially important in relation to the local river systems, which both supply race water and receive race discharges. The additional issue of future pressures expected from the potential consequences of climate change must also be considered.

Effective monitoring of the water quality in the network is required to address these issues. Council's aim is to provide an effective water race network that meets the requirements of users while managing the effects on the environment. This Water Quality Strategy is designed to provide the framework required to achieve this.

2. NETWORK OVERVIEW

2.1. WATER RACE NETWORK

CDC has responsibility for operating and maintaining the existing open water race network in the Carterton District. Two water race schemes make up this network, being the Taratahi and Carrington Water Race Schemes. The network's principal use is to supply drinking water to farm animals, but water is also used for a number of other purposes, such as domestic and industrial (non-potable purposes), fire fighting and a limited amount of irrigation.

In total, there are approximately 280 kilometres of races supplying approximately 12,500 hectares of land. The general area covered by the water race network is dominated by a mix of primary production activities, particularly dairying and dry stock farming.

The water races are open channels cut into the ground, and all operate by gravity. All road crossings and the majority of gateways are piped with culverts. The network interacts with and is connected to a number of perennial and historically ephemeral water bodies. This interaction and connection is in the form of a water source to supply the water races as well as a receiving environment for discharges from the water race.

2.2. RESOURCE CONSENTS

The Resource Management Act 1991 requires CDC to apply for and hold resource consents from the Greater Wellington Regional Council (GW) for the continued operation and maintenance of the water races.

The consents detail the permissible activities involved in operating and maintaining the water race network including takes and diversions from natural water bodies and discharges of water, including any water containing contaminants, from the water race network to natural water courses.

The consents also detail the water quality requirements and require regular bi-monthly testing of water quality by the taking of samples at specified locations. A separate consent is in place for each system, with each granted for a period of 10 years until June 2023. Performance is reported to GW annually by provision of annual reports detailing adherence to the various consent conditions.

2.3. CURRENT WATER QUALITY TESTING

The resource consents require water from both networks to be tested for a variety of indicators under a quality monitoring programme. The tests need to be conducted bi-monthly and analysed by an IANZ accredited lab. The locations of the testing are also specified in the consents, there are two for the Carrington and five for the Taratahi. These locations are shown in the appendix.

Water is tested for a range of parameters as specified in the consent, and include tests for nitrogen, oxygen, phosphorus and pH. These are detailed in Table 1 in the Appendix. The sampling of water is carried out by appropriately trained CDC staff and sent to ELS Labs in Wellington for testing.

3. WATER QUALITY AUDIT

3.1. PURPOSE

Clauses in the resource consents required CDC to undertake a water quality audit for each of the race systems and submit the results GW. Cardno Ltd was contracted to undertake these audits which were conducted in January 2018 and submitted to GW. Cardno used data collected as part of CDCs quality monitoring programme to compile the audit. Copies of the audits were presented along with a covering report to the Water Race Committee in February 2018.

3.2. RESULTS

The audit results for both races were fairly similar. Some general trends were noted:

- Total levels of phosphorus and nitrogen were generally higher downstream than upstream, with the majority of downstream results being higher than threshold guidelines.
- The E. Coli readings were generally higher downstream than upstream, but the majority were within threshold guidelines.
- Dissolved oxygen levels were sometimes higher downstream than upstream, with a number of cases being below threshold limits.
- There was some significant variation in temperature in the readings for the Taratahi race.
- The lab results for pH were within guidelines however the field readings showed more variation.

Although some of the readings were outside limits none were severely so and E. Coli readings were generally good. Most of the elevated levels regarded nutrient loading of phosphorus and nitrogen, consistent with agricultural land use in the area i.e. use of fertiliser, animal waste, stock access to water race channels.

3.3. RECOMMENDATIONS

The audit recommended continued monitoring of water quality in the water race network. It also recommended appropriate land use practices and management strategies to be implemented to ensure the operation complies with the Code of Practice. These included:

- Best practice for minimising stock access to water including fencing of channels;
- Initiatives for processing riparian planting within the water race network;
- Identify best practice for water race cleaning;
- And identify localised areas, water race sections, and/or properties where water quality could be improved.

4. WATER QUALITY STRATEGY

The Strategy is based on the recommendations from the 2018 audit. It will also meet the requirement to better understand both water flows and quality and how they interact; this will inform the upcoming Water Race Conservation plan, which will work toward determining the parameters for reapplying for consents in 2022/2023.

The Strategy will require the quality monitoring programme to be adjusted to provide a more comprehensive picture of water quality. CDC will seek external expert advice to best determine the structure for the new programme but the focus will be on the following:

- An increase in testing frequency. The current regime requires six sets of samples to be taken and tested. Further samples will provide an increased understanding of quality trends.
- An increase in the number of testing locations. There are currently seven locations across both systems, further locations will build a better picture of network-wide performance.
- A total network focus. Put more focus on the changes in quality and flows along the end-to-end network, in addition including to other CDC activity to better understand water race operation.
- More regular and comprehensive reporting and monitoring. The only current reporting conducted is on an annual basis to GW, better monitoring will increase operational knowledge within CDC.

This will enable CDC to identify the areas and sections of water race with degraded water quality, in line with the recommendations from the Cardno water quality audit.

4.1. TESTING PROGRAMME FREQUENCY

The current programme required by the resource consent requires six sets of samples to be taken and tested each year. This will likely be increased to provide more comprehensive data in order to track quality trends, and will also enable more early warning of increased nutrient or contaminant levels.

Water levels and flows are both tested at the same time as the quality samples are taken, enabling more data to be collected on water race performance. These steps will in turn help increase the efficiency and effectiveness of the regular cleaning and maintenance programme of both systems.

4.2. TESTING LOCATIONS

The current programme only uses seven total monitoring sites. Further sites will be added to improve the understanding of both systems. Particular emphasis will be placed on monitoring the flows and quality at the discharge points of the system. This will facilitate a better understanding of how water quality changes through the network from intake to discharge. It will also provide a clearer picture of the quality of the water being discharged into the environment and the potential effects this may have.

4.3. TOTAL NETWORK FOCUS

There will need to be an increased focus on the total network when looking at and assessing the testing results. Current practice is focused only on each separate set of results, in isolation from other factors and from previous year's results.

All cleaning and maintenance works will need to be factored in to better understand how blockages and interruptions of water flow due to silt build-up, weeds etc. affects quality downstream. This will also focus on cleaning best practice as recommended in the Cardno quality audit.

Extra analysis will also be conducted on the results of the flow measurements to better understand how the network performs, and what effect the volume of take has on downstream flows and the quality of the water at the end points of the network. The inclusion of relevant meteorological information such as rainfall and soil moisture in addition to river flows will assist in determining network performance.

4.4. REPORTING & MONITORING

Currently only an annual report for GW is required or conducted. Closer monitoring and more regular reports to CDC during the year will help to build and share knowledge. This will help to identify areas and sections of the network most at risk of water quality degradation. This will also better inform the process of submitting new consent applications in the future by providing a more detailed picture of how the network is operating and any changes in conditions that may be required.

A member of CDC staff will be tasked with monthly collation of test results and other water race activity that may affect quality results. This will include the effect of current cleaning practices on the downstream water quality. Either bi-monthly or quarterly dashboard reports can then be provided, enabling better management of the network and ensuring senior management are aware of water race performance and any potential issues.

4.5. STRATEGY TIMELINE

| Milestone | Date | Comments |
|--|-------|---|
| Seek external advice on quality monitoring programme | <TBA> | Advice to be sought from Cardno Ltd due to existing familiarity of CDC water races. |
| Establish frequency and location of new testing programme | <TBA> | |
| Carry out new quality monitoring programme | <TBA> | Expected to be conducted by existing CDC sampling staff. |
| Provide first dashboard report on water quality | <TBA> | |
| Provide annual report to determine any specific areas of concern | <TBA> | Will also form part of resource consent annual report. |
| Develop engagement strategy with affected users to promote best practice stock access and planting | <TBA> | The strategy can be targeted at the most at need areas once a year of data analysis and collections has been completed. |

5. APPENDIX

FIGURE 1: CARRINGTON WATER RACE SAMPLE POINTS

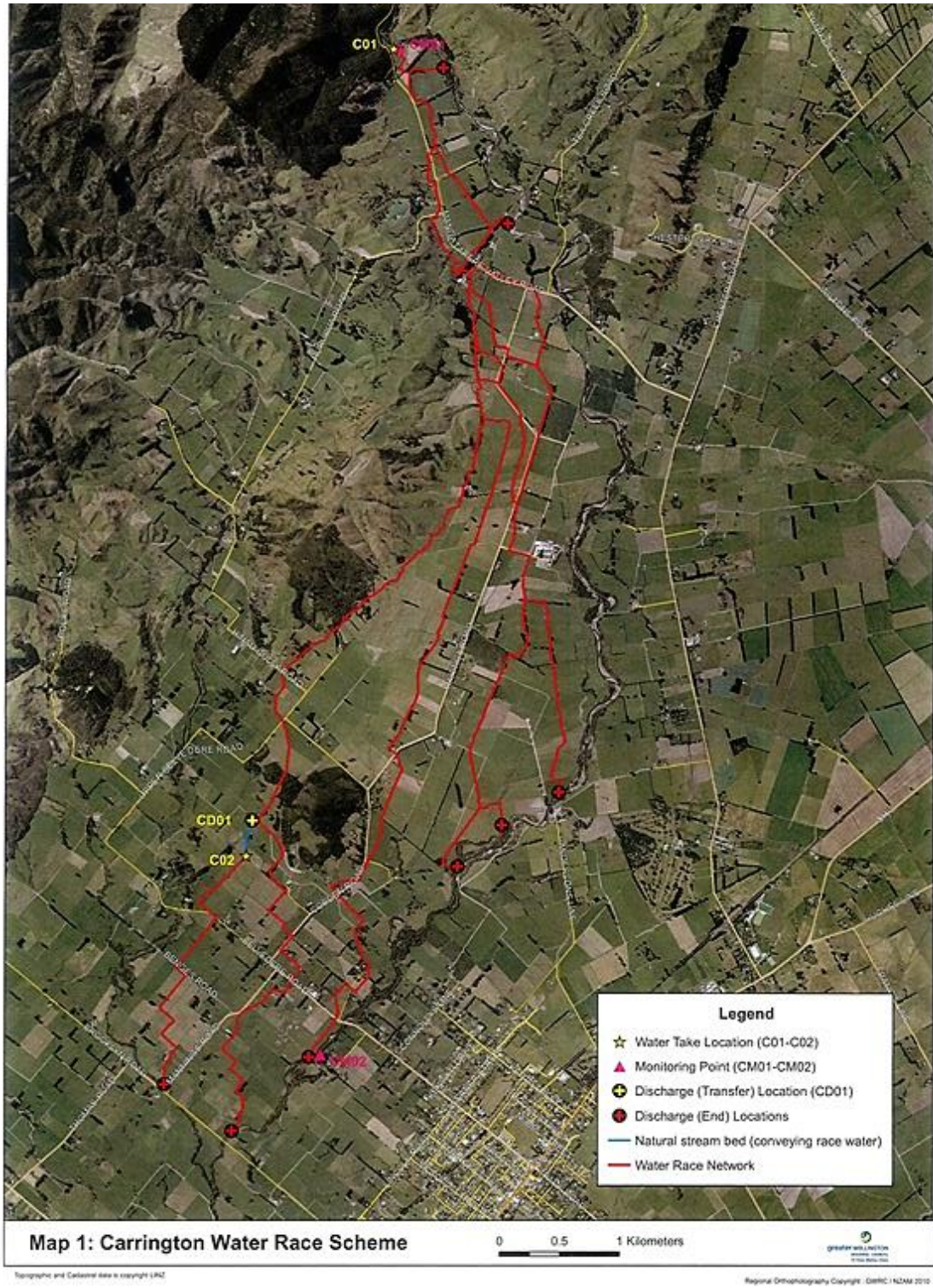


FIGURE 2: TARATAHI WATER RACE SAMPLE POINTS

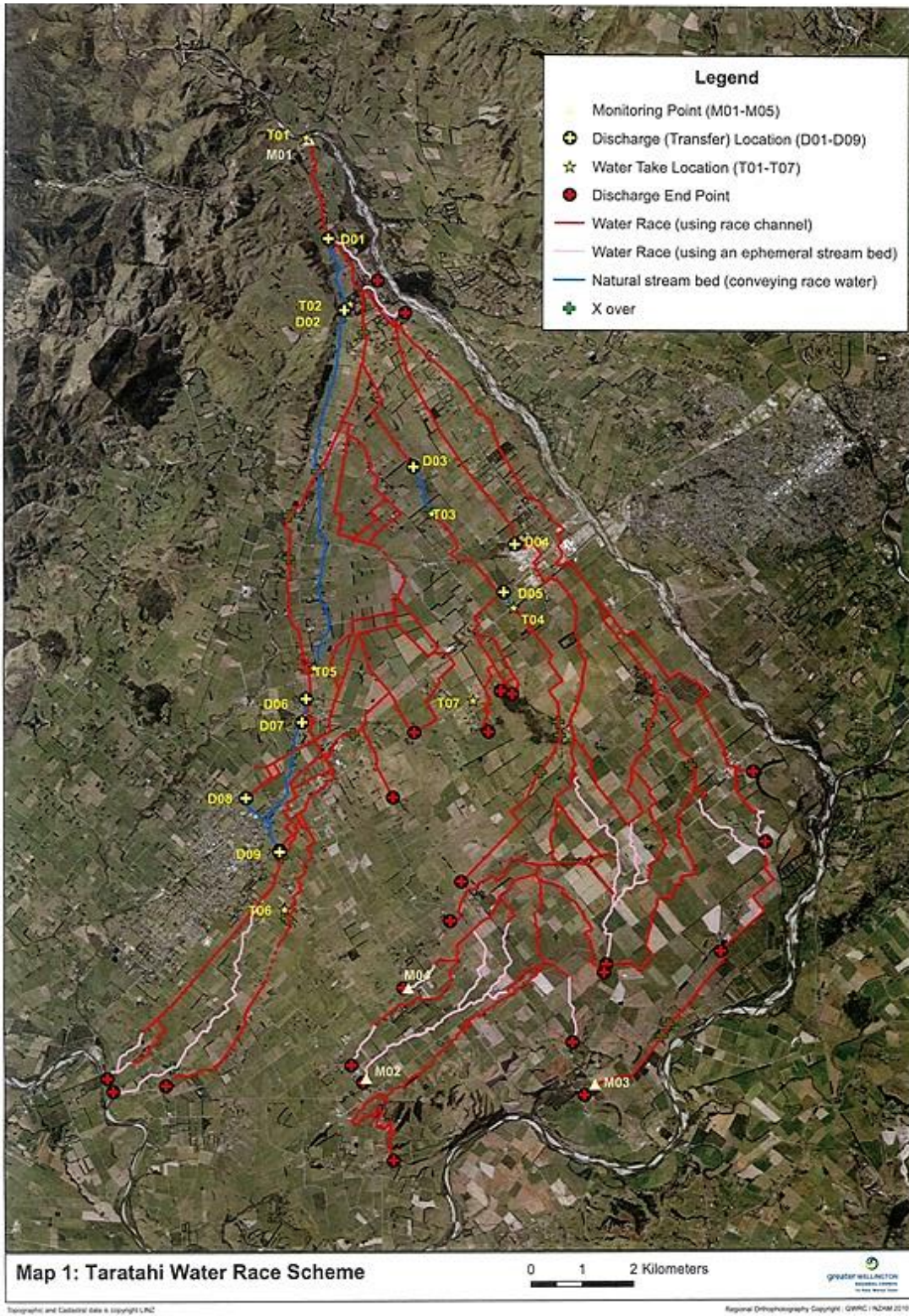


TABLE 1: WATER QUALITY INDICATORS

| Indicator | Unit |
|-------------------------------|------------------|
| Depth | mm |
| Flow rate | litres/sec |
| Temperature | °C |
| pH | pH |
| E. Coli | cfu/100ml |
| Conductivity | uS/cm |
| Suspended Solids - Total | g/m ³ |
| Dissolved Oxygen | g/m ³ |
| Saturated Dissolved Oxygen | % |
| Dissolved Reactive Phosphorus | g/m ³ |
| Total Phosphorus | g/m ³ |
| Ammonia Nitrogen | g/m ³ |
| Inorganic Nitrogen | g/m ³ |
| Nitrite Nitrate Nitrogen | g/m ³ |
| Nitrate - Nitrogen | g/m ³ |
| Total Nitrogen | g/m ³ |



11 May 2018

Water Race Committee

WATER RACE OPERATIONS REPORT: FEBRUARY – APRIL 2018

1. PURPOSE OF THE REPORT

The purpose of this report is to provide an update on the Management of the water races for the period 1 February to 30 April 2018.

2. SIGNIFICANCE

The matters for decision in this report are not considered to be of significance under the Significance and Engagement Policy.

3. CLEANING PROGRESS

Water races on the following properties were cleaned during the three months to April 2018. **Attachment 1**

4. FLOW INCREASE ALLOWANCE TO CARRINGTON AND TARATAHI WATER RACES

Greater Wellington Regional Council granted Carterton District Council an 'increase in flow' allowance for both the Carrington and Taratahi Water Races. The increase in flow allowance was granted for a three year period when the consents were obtained, in 2013.

In order to retain the additional increase in flow allowance, Carterton District Council was to gather evidence from three summers of low flow to justify the increase. Some data was gathered however it was not sufficient to retain the extra flow. Data from at least two more summers of low flow is required to reapply for the additional increase in flow allowance.

Excerpt below outlines requirements for 'increase to flow' in the 2013 consent.

Approval to take an extra 15 litres/second for Carrington and an extra 30 litres/second for Taratahi after 30 June 2016 will only be provided by the manager, Environmental Regulation, Wellington Regional Council if the consent holder can clearly demonstrate the minimum operating requirements of the Carrington and Taratahi Water Races during the

first three years of this consent. This should be provided by collecting visual and empirical evidence of water quantity and water quality at all discharge locations during low flow periods each year and submitting this to the Manager, Environment Regulation, and Wellington Regional Council by 31 May 2016.

Tail End flow monitoring can only be undertaken during low flow, which dictates when data is able to be gathered. Monitoring will commence during the 2018/19 summer period, and therefore the application for the “increase in flow allowance” applications will be submitted to Greater Wellington Regional Council in 2020.

5. STANDARD OPERATING PROCEDURES

The work on the Carrington Water Race standard operating procedure is continuing. We are finding more information is required when we approach an area to work on. Once we have a process to put this operating procedure together it will make the Taratahi Water Race standard operating procedure less time consuming to create.

6. RECOMMENDATIONS

That the Committee:

1. **Receives** the report.

Garry Baker
Infrastructure and Services Manager

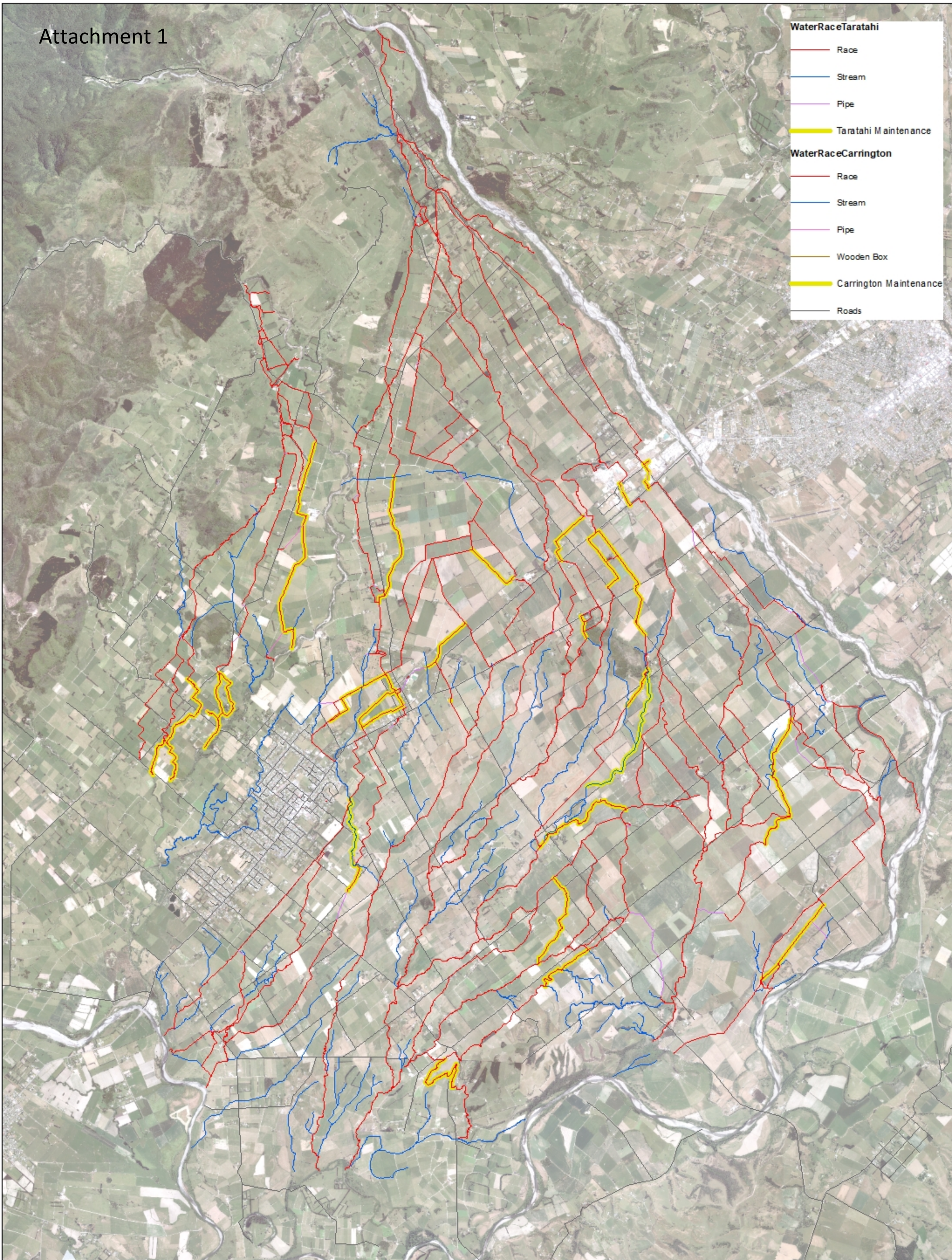
Attachment 1 – Map showing cleaning progress.

WaterRaceTaratahi

- Race
- Stream
- Pipe
- Taratahi Maintenance

WaterRaceCarrington

- Race
- Stream
- Pipe
- Wooden Box
- Carrington Maintenance
- Roads

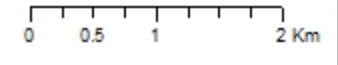


Taratahi - est. 33km
Carrington - est. 10.6km

**Maintenance cleaning
February - April 2018**

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DISCLAIMER: The Masterton, Carterton, and South Wairarapa District Councils accept no responsibility for actions or projects undertaken or loss or damages incurred, by any individuals or company, or agency, using all or any of the information presented on this map. The Councils do not provide interpretation of this information or advice on how to interpret, or utilize the information. Your own independent and appropriate professional advice should be sought. The information displayed on this map may contain errors or omissions or may not have the spatial accuracy required for some purposes.



Scale = 1:60,000 Drawn By: tony

16 May 2018

Water Race Committee

Applications for Water Race

1. PURPOSE

The purpose of this paper is to review updated applications for changes to Water Races.

2. SIGNIFICANCE

The matters for decision in this report are not considered to be of significance under the Significance and Engagement Policy.

3. BACKGROUND

At the last Water Race Committee meeting an application was put forward to alter a water race. The application form used was very basic and required more information for both the council staff and the applicant. Under clause 7 of the Water Race Bylaw 1987, 'no occupier or person shall alter or interfere with any water race or install any culvert or weir or draw off any water from or within any water race without the prior consent in writing of the Council first had and obtained'. Copy of the Wairarapa South County Water Race By-law 1987 (Attachment 1).

4. APPLICATIONS

It was agreed at the last meeting to bring back a revised application for the committee to review.

In **Attachment 2**, Water Race – Application for stock water abstraction.

In **Attachment 3**, Water Race – Application for irrigation water abstraction. This notes abstractions are authorised from the Taratahi Water Race Scheme only by the Greater Wellington Regional Council (under Consent WAR0101227)

In **Attachment 4**, Water Race – Application for alterations to the water race.

5. PROCESS

The applications allow us to collect information that can be recorded within the property file allowing all future owners access to it. This would be available when they apply for a Land Information Memorandum (LIM) report.

6. RECOMMENDATIONS

That the Water Race Committee:

1. **Receives** the report.
2. **Approve** the revised application forms.

Garry Baker

Infrastructure and Services Manager

Attachment 1 - Wairarapa South County Water Race By-law 1987

Attachment 2 - Water Race – Application for stock water abstraction.

Attachment 3 - Water Race – Application for irrigation water abstraction.

Attachment 4 - Water Race – Application for alterations to the water race.

WAIRARAPA SOUTH COUNTY WATER RACE BY-LAW 1987

THE WAIRARAPA SOUTH COUNTY COUNCIL HEREBY makes by special order the following by-law under any by virtue of and in pursuance of the powers and authorities vested in the said County by the Local Government Act 1974, the Land Drainage Act 1908, their respective amendments and all other Acts powers and authorities enabling the Council in that behalf:

1. The short title of this by-law shall be the Wairarapa South County Water Race By-law 1987.
2. This by-law shall come into force on and shall take effect from the 1st day of June 1987.
3. In this by-law, if not inconsistent with the context -

'Council' means the Wairarapa South County Council

'Obstruction' includes earth, stone, timber, and material of all kinds and trees, plants, weeds, and growths of all kinds

'Occupier' includes the owner, lessee, or occupier of any land for the time being

'Water Race' means a water race as defined by Section 58 of the Land Drainage Act 1908.

4. In respect of all water races within its district the Council by its authorised officers shall in addition to those powers specified in the Local Government Act 1974 and the Land Drainage Act 1908, have the power to enter upon any land within the said district and take thereon any machinery or vehicle for the purpose of inspecting, unblocking, cleaning, repairing, removing any obstruction, or doing anything whatsoever in connection with any water race.

5. No person shall create or permit any obstruction to any water race or shall plant or permit to grow any tree, plant, shrub or growth of any kind or deposit any thing or erect any building or other structure whatsoever within a distance of 6 metres from the bank of any water race.

6. Any occupier of land on which any obstruction to a water race exists or which obstruction is situated within 6 metres of the bank of any water race shall on receiving notice in that behalf from the Council remove the obstruction within the time specified in such notice.

7. No occupier or person shall alter or interfere with any water race or instal any culvert or weir or draw off any water from or within any water race without the prior consent in writing of the Council first had and obtained.

8. Every occupier of land in respect of which any culvert, weir or crossing- place in on or over any water race is constructed by authority of the Council shall be thereafter responsible for the construction, repair and maintenance or replacement of any such culvert, weir or crossing place, and failure to comply with any notice in that behalf given to the occupier by the council shall constitute an offence under this by-law.

9. Every occupier who fails to complete any work directed by the Council by notice to be done within the time specified in such notice commits an offence under this by-law, and in addition to any penalty imposed under by-law 110 of the Wairarapa Counties Joint General By-law 1985, shall be liable to pay the cost incurred by the Council in doing any such work, and the said cost shall be a charge on the land and may be recovered as rates are recovered under any Act for the time being in force in the district of the Council.


10. Any occupier or person obstructing, resisting or otherwise interfering any authorised officer of the council or preventing or obstructing any vehicle or machinery under control of such officer from entering or being used in accordance with this by-law, commits an offence against this by-law.

11. Any occupier or person committing an offence against this by-law shall be liable to the penalties provided in by-law 110 of the Wairarapa Counties Joint General By-laws 1985.

X

Confirmed Council meeting 21st May, 1987

.....  CHAIRMAN

.....  COUNTY CLERK

Water Race – Application for stock water abstraction

This application form is to be submitted to the Council for the purpose of withdrawing water from a water race or carrying out any activity that requires the Council's consent as set out in the Water Race Bylaw 1987

| | | |
|--|----------------------------|------------------------------|
| Water race name (<i>Circle one</i>) | Taratahi Water Race | Carrington Water Race |
| Physical location | | |
| Valuation ID or Legal Title (<i>if known</i>) | | |
| Applicant Name | | |
| Contact Number | | |
| Postal Address | | |
| Email Address | | |

Purpose of water abstraction;

| | |
|---|--|
| Size of abstraction pipe <i>(Inside diameter of pipe in mm)</i> | |
|---|--|

| | |
|--------------------------------------|---|
| Fee (including GST) | |
| Applications for water race draw off | \$57.50 <i>plus expenses</i> |

Current fees & charges are available at the Carterton District Council website; <http://cdc.govt.nz>

Please supply the proposed plan of abstraction

Extraction location (supplied in map reference coordinate system NZTM)

For advice prior to the application being submitted, contact with the Councils Operation's Manager (027 2806281) is recommended.

It is noted that all costs incurred by the Carterton District Council associated with this application shall be recovered.

There is no inferred guarantee of a continuous supply of water being available for abstraction.

Abstraction is to cease when instructed by Council staff due to events such as low intake flows, consent restrictions, or other water race operational issues.

Abstraction is of a volume determined by Council so there are no detrimental effects to downstream users of the water race.

The applicant shall be responsible for any future maintenance and/or failures resulting from these works. The Council reserves the right to recover from the applicant any costs to make restoration to the water races should these works be detrimental to operation of the water races in the future.

No abstraction of water can proceed until Council has approved this application.

Any person taking water without the approval of the Carterton District Council shall be required to cease immediately and the Council may at their discretion proceed with prosecution.

Relevant documents for this application;

- Wairarapa South County Water Race By-Law 1987.
- Code of Practice/Strategy – Taratahi and Carrington Water Races
- Water Races Rates and Charges Policy.
- GWRC consents WAR010227 & WAR010202

For office use only;

| Engineer | Operations Manager | Water Race Committee | Administration |
|----------|--------------------|----------------------|----------------|
| | | | |

Water Race – Application for irrigation water abstraction

This application form is to be submitted to the Council for the purpose of withdrawing water from a water race or carrying out any activity that requires the Council's consent as set out in the Water Race Bylaw 1987

Abstractions are authorised from the Taratahi Water Race Scheme only by the Greater Wellington Regional Council (under Consent WAR0101227)

| | |
|--|----------------------------|
| Water race name | <i>Taratahi Water Race</i> |
| Physical location | |
| Valuation ID or Legal Title <i>(if known)</i> | |
| Applicant Name | |
| Contact Number | |
| Postal Address | |
| Email Address | |

Purpose of water abstraction;

| | |
|---|--|
| Flow monitoring device type | |
| Size of abstraction pipe <i>(Inside diameter of pipe in mm)</i> | |

| | |
|--------------------------------------|--|
| Fee (including GST) | |
| Applications for water race draw off | \$57.50 plus expenses |

Current fees & charges are available at the Carterton District Council website; <http://cdc.govt.nz>

Please supply the proposed plan of abstraction

Extraction location (supplied in map reference coordinate system NZTM)

For advice prior to the application being submitted, contacting the Councils Operation's Manager (027 2806281) is recommended.

It is noted that all costs incurred by the Council shall be recovered, including;

- Engineering advice,
- Supervision,
- Materials
- Consenting costs (GWRC & CDC)
- Or, any other costs associated with the works

There is no inferred guarantee of a continuous supply of water being available for abstraction.

Abstraction is to cease when instructed by Council staff due to events such as low intake flows, consent restrictions, or other water race operational issues.

Abstraction is of a volume so there shall not be detrimental effects to downstream users of the water race.

The applicant shall be responsible for any future maintenance and/or failures resulting from these works. The Council reserves the right to recover from the applicant any costs to make restoration to the water races should these works be detrimental to operation of the water races in the future.

No abstraction of water can proceed until Greater Wellington Regional Council & Carterton District Council have approved this application.

Any person irrigating without the approval of the Carterton District Council shall be required to cease immediately and the Council may at their discretion proceed with prosecution.

Relevant documents for this application;

- Wairarapa South County Water Race By-Law 1987.
- Code of Practice/Strategy – Taratahi and Carrington Water Races
- Water Races Rates and Charges Policy.
- GWRC consents WAR010227

For office use only;

| Engineer | Operations Manager | Water Race Committee | Administration |
|----------|--------------------|----------------------|----------------|
| | | | |



Water Race – Application for alterations to the water race

This application form is to be submitted to the Council for the purpose of withdrawing water from a water race or carrying out any activity that requires the Council's consent as set out in the Water Race Bylaw 1987

| | | |
|--|----------------------------|------------------------------|
| Water race name (<i>Circle one</i>) | Taratahi Water Race | Carrington Water Race |
| Physical location | | |
| Valuation ID or Legal Title (<i>if known</i>) | | |
| Applicant Name | | |
| Contact Number | | |
| Postal Address | | |
| Email Address | | |

Please indicate what activity below you are applying for. Cross out those for which you do not wish to apply for.

1. Application to put in a culvert or bridge on a water race.
2. Application to divert a water race.
3. Application to stop a water race

Purpose of the proposed alterations;

| | |
|--|--|
| Fees (including GST) | |
| Applications for piping or relocating a water race | \$57.50 plus expenses |

Current fees & charges are available at the Carterton District Council website; <http://cdc.govt.nz>

Please supply the proposed plan of alterations

Alteration location (supplied in map reference coordinate system NZTM)

For advice prior to the application being submitted, contacting the Councils Operation's Manager (027 2806281) is recommended.

It is noted that all costs incurred by the Council shall be recovered, including;

- Engineering advice,
- Supervision,
- Materials
- Consenting costs (GWRC & CDC)
- Or, any other costs associated with the works

The applicant shall be responsible for any future maintenance and/or failures resulting from these works. The Council reserves the right to recover from the applicant any costs to make restoration to the water races should these works be detrimental to operation of the water races in the future.

Where an application is an enhancement to the scheme, then a cost-sharing arrangement may be entered into between the Council and the applicant at the Council's discretion.

No works can proceed until Council has approved the application.

Relevant documents for this application;

- Wairarapa South County Water Race By-Law 1987.
- Code of Practice/Strategy – Taratahi and Carrington Water Races
- Water Races Rates and Charges Policy.
- GWRC consents WAR010227 & WAR010202

For office use;

| Engineer | Operations Manager | Water Race Committee | Administration |
|----------|--------------------|----------------------|----------------|
| | | | |



16 May 2018

Water Race Committee

Election of Water Race Committee community representatives

1. PURPOSE

The purpose of this paper is to inform the Water Race Committee of progress on electing community representatives for the next three years.

2. SIGNIFICANCE

The matters for decision in this report are not considered to be of significance under the Significance and Engagement Policy.

3. COMMITTEE MEMBERSHIP

Under its terms of reference agreed by Council in November 2016, membership of the Water Race Committee comprises three elected members, four community members elected by water race users, and additional co-opted members if required.

There should be at least one representative from each of Taratahi and Carrington races. The term of the appointment is for three years.

4. ELECTION PROCESS

The process for the 2018 election has been agreed by Council:

| | |
|---------|---|
| 10 May | Call for nominations from water race ratepayers |
| 25 May | Nominations close |
| 6 June | Voting papers distributed (if required) |
| 27 June | Voting closes |
| | Election Day |
| 29 June | Advise candidates and ratepayers of result |

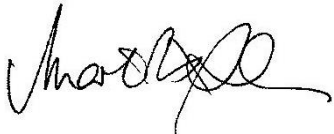
The Electoral Officer is the Corporate Services Manager.

The term will be for three years, with the next election in 2021.

5. RECOMMENDATIONS

That the Water Race Committee:

1. **Receives** the report.

A handwritten signature in black ink, appearing to read "Marty Sebire". The signature is fluid and cursive, with a large initial "M" and a long, sweeping tail.

Marty Sebire
Corporate Services Manager



16 May 2018

Water Race Committee

Financial performance to March 2018

1. PURPOSE OF THE REPORT

The purpose of this paper is to provide financial information on the water races for the 2017/18 financial year to 31 March 2018.

2. SIGNIFICANCE

The matters for decision in this report are not considered to be of significance under the Significance and Engagement Policy.

3. COMMENT ON VARIANCES

Financial statements are attached.

In the nine months to date, the water races have returned an operating deficit of \$22,053, compared with a budgeted deficit of \$13,516. Overall, there are no significant financial issues.

Revenue to-date is on target. Discussion with industrial water race users started last week on a new fee structure, after which fees for the year will be billed.

Expenditure to-date was \$22,053 over budget. Overall a small deficit at year-end is forecast.

The major variances are timing, which will mostly correct before year end. Significant cleaning has now been done, and little is planned for the remainder of the year. There may be some favourable permanent differences, for maintenance at the intakes (\$18,000) and for vehicles and other expenses. These are likely to be offset somewhat by full-year unfavourable variances for depreciation (\$10,000) and for maintenance.

Capital works are underway. The silt trap at Waingawa is complete, and work has started on the box culvert under the railway at Chester Road. However, there have been contractor delays and completion is now planned for June.

The accounting treatment for culvert headwalls has changed. Instead of being a continual repeated capital works each year, they are now treated as part of operating expenses, more akin to regular maintenance. The costs will now show more appropriately under personnel, maintenance, and materials. The budgets for 2018/19 reflect this change.

4. RESERVES

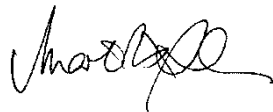
The Water Race Contingency Reserve stands at \$59,838. This is an accumulation of small contributions from surpluses in previous years, and is available for emergency purposes.

The balance in the Water Race Targeted Rates Reserve is \$116,081. This is an accumulation of the net surpluses and deficits in the Water Race activity after transferring to the contingency reserve and the general depreciation reserve. This can only be used for Water Races expenditure, capital and operating.

5. RECOMMENDATIONS

That the Committee:

1. **Receives** the report.



Marty Sebire
Corporate Services Manager

WATER RACES

STATEMENT OF FINANCIAL PERFORMANCE FOR THE FINANCIAL YEAR TO 31 MARCH 2018

| Annual Plan Full year \$ | | TARATAHI Year to date Actual \$ | CARRINGTON Year to date Actual \$ | Year to date Actual \$ | Year to date Budget \$ | Year to date Variance \$ |
|--------------------------------|---|--|--|------------------------------|------------------------------|--------------------------------|
| Income | | | | | | |
| 40,164 | Rates - General | 129,114 | 51,629 | 180,743 | 30,123 | 150,620 F |
| 361,480 | Rates - Water Races | 86,076 | 34,420 | 120,496 | 271,116 | 150,620 U |
| 30,000 | Fees - industrial water races | - | - | - | - | - |
| - | Miscellaneous revenue | - | - | - | - | - |
| <u>431,644</u> | Total income | <u>215,190</u> | <u>86,049</u> | <u>301,239</u> | <u>301,239</u> | <u>-</u> |
| Expenditure | | | | | | |
| 63,185 | Internal charges | 29,996 | 12,418 | 42,414 | 47,376 | 4,962 F |
| 11,000 | Consultancy | 3,464 | (2,065) | 1,399 | 8,253 | 6,854 F |
| 24,000 | Maintenance - intake | - | - | - | 18,000 | 18,000 F |
| 139,000 | Maintenance - water races | 100,355 | 34,341 | 134,696 | 104,247 | 30,449 U |
| 32,000 | Materials | 12,931 | 16,793 | 29,724 | 22,497 | 7,227 U |
| 9,000 | Monitoring | 5,196 | 5,553 | 10,749 | 6,997 | 3,752 U |
| 18,000 | Resource consents | 10,425 | 6,940 | 17,365 | 18,000 | 635 F |
| 16,000 | Vehicles | 4,588 | - | 4,588 | 12,006 | 7,418 F |
| 84,825 | Personnel | 41,445 | 24,118 | 65,563 | 63,643 | 1,920 U |
| 9,176 | Depreciation | 14,230 | 2,380 | 16,609 | 6,885 | 9,724 U |
| 8,458 | Other | 185 | - | 185 | 6,851 | 6,666 F |
| <u>414,644</u> | Total expenditure | <u>222,814</u> | <u>100,478</u> | <u>323,292</u> | <u>314,755</u> | <u>8,537 U</u> |
| <u>17,000</u> | Surplus/(deficit) | <u>(7,624)</u> | <u>(14,429)</u> | <u>(22,053)</u> | <u>(13,516)</u> | <u>8,537 U</u> |
| CAPITAL EXPENDITURE | | | | | | |
| 15,000 | Water race culvert headwalls | - | - | - | 15,000 | 15,000 |
| 6,400 | Extend silt trap Waingawa | - | - | 6,762 | 6,400 | 362 |
| 60,000 | Box culvert under railway line - Chester Road | - | - | 11,372 | 60,000 | 48,628 |
| <u>81,400</u> | Total capital expenditure | <u>-</u> | <u>-</u> | <u>18,134</u> | <u>81,400</u> | <u>63,266</u> |

**The minutes of the Water Race Committee Meeting of the
Carterton District Council held in the Hurunui o Rangi Meeting Room at the Carterton
Events Centre, 50 Holloway Street, Carterton on Wednesday 21 February 2018 at 9.30am.**

Present: Mayor J Booth, Cr B Deller, D Ellison, G Smith, J McFadzean, N Wadham

Attendance: Cr R Carter
J Davis (Chief Executive)
M Sebire (Corporate Services Manager)
D Gittings (Planning and Regulatory Manager)
G Baker (Infrastructure and Services Manager)
M Pike (Water Race Overseer)
H Burgess (Executive Assistant)

Apologies

There were no apologies received.

Conflict of Interest

There was no conflict of interest declared.

Public Forum

There were no public speakers.

Notification of General Business / Late Items

There was no General Business or late items.

Code of Practice/Strategy

Purpose

To seek the Water Race Committee's agreement to provide the final document to the Greater Wellington Regional Council as per condition 2 & 3 of the Taratahi Water Race consent WAR010227 and condition 2 & 3 of the Carrington Water Race Consent WAR010202.

Moved

That the Water Race Committee receives the report.

N Wadham / G Smith
CARRIED

9.45am – Greater Wellington Regional Council, Wairarapa representative Adrienne Staples joined the meeting.

Moved

That the Water Race Committee adopts the Code of Practice/Strategy with amendments as discussed.

Cr B Deller / N Wadham
CARRIED

Moved

That the Water Race Committee agrees to send the final Code of Practice/Strategy for the Carrington and Taratahi water races to the Greater Wellington Regional Council in compliance with WAR10202 and WAR010227

Mayor J Booth / G Smith
CARRIED

Water Quality Report of Taratahi and Carrington Water Races.

Purpose

To present findings of the Water Quality Audit of the Taratahi and Carrington Water Races, carried out by Cardno New Zealand in January 2018.

Moved

That the Water Race Committee receives the report.

That the Water Race Committee notes the report findings.

Cr B Deller / N Wadham
CARRIED

Moved

That the Water Race Committee notes more monitoring will be undertaken and measures considered to mitigate impacts on receiving waters.

N Wadham / Mayor J Booth
CARRIED

That the Water Race Committee notes a Water Quality Strategy will be prepared and will be presented to the next Water Race Committee meeting.

G Smith / J McFadzean
CARRIED

Election of Water Race Committee community representatives

Purpose

To inform the Water Race Committee of the process for electing community representative in 2018.

Moved

That the Water Race Committee receives the report.

That the Water Race Committee recommends that Council commence the process to elect community representative to the Water Race committee as outlined.

The process for the 2018 election will be as follows:

| | |
|-------------|---|
| early April | Call for nominations from water race ratepayers |
| late April | Nominations close |
| early May | Voting papers distributed |
| early June | Voting closes |
| | Election Day |
| mid-June | Advise candidates and ratepayers of result |

The Electoral Officer will be the Corporate Services Manager.

It is proposed that the term will be for three years, with the next election in 2021.

J McFadzean / D Ellison
CARRIED

Water Race Operations Report November 2017 to January 2018

Purpose

To update the Water Race Committee on the management of the water races for the period 1 November 2017 to 31 January 2018.

Moved

That the Water Race Committee receives the report.

G Smith / J McFadzean
CARRIED

Financial performance to December 2017

Purpose

To provide the Water Race Committee with financial information on the water races for the 2017/18 financial year to 31 December 2017.

Moved

That the Water Race Committee receives the report.

N Wadham / Cr B Deller
CARRIED

Confirmation of the minutes

Moved

That the minutes of the Water Race Committee Meeting held on Monday 20 November 2017 be confirmed.

Cr B Deller / J McFadzean
CARRIED

Matters Arising from Minutes

G Baker, Infrastructure and Services Manager followed up with the Carters the next day, 21 November 2017.

J McFadzean enquired why the consent for the temporary increase in the minimum water take for the water races wasn't renewed. Infrastructure and Services Manager G Baker will look into this.

Public Excluded

Moved

10.40am that the public be excluded from the following parts of the proceedings of this meeting, namely:

1. Application to alteration to Taratahi Water Race.
2. Minutes for the Public Excluded Portion of the Water Race Committee Meeting held on the 20 November 2017.

The general subject of each matter to be considered while the public is excluded, the reason for passing this resolution in relation to each 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 | Reason for passing this resolution in relation to each matter | Ground(s) under section 48(1) for the passing of this resolution |
|---|--|--|
| 1. Application to alter Taratahi Water Race | Good reason to withhold exists under Section 7. | That the public conduct of the whole or the relevant part of the proceedings of the meeting would be likely to result in the disclosure of information for which good reason for withholding would exist. Section 48(1)(a) |
| 2. Minutes for the Public Excluded Portion of the Water Race Committee Meeting held on the 20 November 2017 | Good reason to withhold exists under Section 7. | That the public conduct of the whole or the relevant part of the proceedings of the meeting would be likely to result in the |

| | | |
|--|--|---|
| | | disclosure of information for which good reason for withholding would exist. Section 48(1)(a) |
|--|--|---|

This resolution is made in reliance on sections 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, which would be prejudiced by the holding of the relevant part of the proceedings of the meeting in public are as follows:

| Item no. | Interest |
|----------|---|
| 1. | Protect the privacy of natural persons, including that of deceased natural persons (Schedule 7(2)(a)) |
| 2. | Protect the privacy of natural persons, including that of deceased natural persons (Schedule 7(2)(a)) |

N Wadham / J McFadzean
CARRIED

Adrienne Staples was invited to stay for the public excluded for her expertise on these matters.

Moved

That the meeting be adjourned to allow a site visit.

J McFadzean / N Wadham
CARRIED

6 March 2018
10.55am The Chair declared the meeting reconvened.

Moved

That the Committee leave Public Excluded

J McFadzean / Cr B Deller
CARRIED

The meeting concluded at 10.55am

Minutes confirmed.....

Date.....

Exclusion of the Public

The following is the recommended resolution for exclusion of the public so that the appropriate resolution complies with legislative requirements.

1. Application to alteration to Taratahi Water Race.
2. Minutes for the Public Excluded Portion of the Water Race Committee Meeting held on the 21 February 2018.

The general subject of each matter to be considered while the public is excluded, the reason for passing this resolution in relation to each 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 | Reason for passing this resolution in relation to each matter | Ground(s) under section 48(1) for the passing of this resolution |
|---|---|--|
| 1. Application to alter Taratahi Water Race | Good reason to withhold exists under Section 7. | That the public conduct of the whole or the relevant part of the proceedings of the meeting would be likely to result in the disclosure of information for which good reason for withholding would exist. Section 48(1)(a) |
| 2. Minutes for the Public Excluded Portion of the Water Race Committee Meeting held on the 20 November 2017 | Good reason to withhold exists under Section 7. | That the public conduct of the whole or the relevant part of the proceedings of the meeting would be likely to result in the disclosure of information for which good reason for withholding would exist. Section 48(1)(a) |

This resolution is made in reliance on sections 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, which would be prejudiced by the holding of the relevant part of the proceedings of the meeting in public are as follows:

| Item no. | Interest |
|----------|---|
| 1. | Protect the privacy of natural persons, including that of deceased natural persons (Schedule 7(2)(a)) |
| 2. | Protect the privacy of natural persons, including that of deceased natural persons (Schedule 7(2)(a)) |

