WAIMAKARIRI DISTRICT COUNCIL
MINUTES OF A MEETING OF THE UTILITIES AND ROADING COMMITTEE HELD IN
THE COUNCIL CHAMBERS, 215 HIGH STREET, RANGIORA ON TUESDAY 18 APRIL
2017 AT 4.00PM

PRESENT
Councillor R Brine (Chairperson), Mayor D Ayers, Deputy Mayor K Felstead, Councillors
J Meyer, S Stewart and P Williams.

IN ATTENDANCE
Councillors W Doody, A Blackie, N Atkinson and P Allen
Messrs G Cleary (Manager Utilities and Roading), K Simpson (3 Waters Manager),
C Roxburgh (Water Asset Manager), Ms J Fraser (Utilities Planner), Owen Davies
(Drainage Asset Manager), Ms R McClung (Senior Policy Analyst) and Mrs E Stubbs
(Minute Secretary).

1 APOLOGIES
There were no apologies.

2 CONFLICTS OF INTEREST
No conflicts of interest noted.

3 CONFIRMATION OF MINUTES
3.1 Minutes of a meeting of the Utilities and Roading Committee held on
Tuesday 21 February 2017

Moved Councillor Meyer seconded Deputy Mayor Felstead

THAT the Utilities and Roading Committee:

(a) Confirms, as a true and correct record, the minutes of a meeting of the
Utilities and Roading Committee held on Tuesday 21 February 2017.

CARRIED

4 MATTERS ARISING
Nil.

5 PRESENTATION
There were no presentations.
6  **REPORTS**

6.1  **2018 Infrastructure Strategy Project Plan – R McClung (Senior Policy Analyst)**

R McClung spoke to the report. The planning process would soon be underway in preparation for the 2018 Infrastructure Strategy and a draft strategy would be before the Committee and Council in due course.

Moved Deputy Mayor Felstead seconded Councillor Williams

**THAT** the Utilities and Roading Committee:

(a)  **Receives** report No. 170405033536.

(b)  **Notes** the 2018 Infrastructure Strategy is a significant document that will come to the Committee and Council as a draft in due course.

**CARRIED**

Deputy Mayor Felstead commented it was good to be informed on progress and looked forward to reading the report in due course.

It was noted that it would be 100 years since its last review.

6.2  **Closure of Stock Water Race R1-A in Eyrewell Forest Area – Janet Fraser (Utilities Planner)**

J Fraser advised the report was to seek approval to close a section of the Council’s stock water race R1-A; a 14km section close to Poyntz Road and Two Chain Road. The request for the closure had been received from Ngai Tahu Farming Limited. All those downstream of the race were supportive of the closure and noted no further demand for water through that race as well as the irregular supply.

J Fraser commented that one outstanding matter was a requirement for Ngāi Tahu Farming to consult directly with Te Rūnanga o Ngāi Tūāhuriri.

J Fraser advised that the Water Race Advisory Committee (WRAC) had mixed views on the matter including the ongoing viability of the water race system, if further farms requested closure of the races. Closure of the race would result in a loss in rates income which would be mitigated through decreased race maintenance costs.

O Davies commented that the WRAC had reluctantly accepted that if the water was not required by those on the race, then they could not be required to pay rates on them. While there was concern that there could be a further effects if other farmers requesting race closures, a recent questionnaire revealed that many respondents believed the water race system was important to the district. In the past there had been a number of requests to close water races, however not all had been closed due to the effect on users downstream. The section in question was at the end of the system so few users were affected.
Deputy Mayor Felstead commented that he would be more comfortable if the report had been more positive regarding the ability to offset the decrease in rates income with reduced maintenance costs and asked if that could be negotiated with Waimakariri Irrigation Ltd (WIL). O Davies replied that WIL had already incorporated the funds into their existing budgets.

Deputy Mayor Felstead asked whether the maintenance costs could be quantified so that savings made by closing the race could be established. O Davies replied that it would be part of the discussion in the next round of negotiations with WIL.

O Davies explained that there may be a requirement for an archaeological assessment before the race was filled in. Deputy Mayor Felstead queried how that would be funded. O Davies replied funding would come from Ngai Tahu Farming because they were requesting the closure.

Councillor Doody noted the historical significance of the race and queried whether there was an opportunity to reopen the race in the future. O Davies replied that it was a major undertaking to close a race and not likely to be reversed. Where the race was performing a drainage function there was a good reason to keep it operative but difficulties came when people filled in sections.

Councillor Stewart asked if staff could comment in relation to the Waimakariri Zone Committee’s (WZC) proposal in the Solutions Package to use races to deliver water under managed aquifer recharge and whether R1-A could be used for that purpose. She expressed concern that the race was closed if it was being considered for another purpose. O Davies responded that the idea of augmenting groundwater or surface water had been raised by the WZC but had not gone as far as identifying which races could be utilised. Staff had invited WZC to discuss issues that might arise from the proposal, such as flooding, but had been advised that there was not enough progress for that discussion. It had also not been considered in relation to the request from Ngai Tahu farming to close the race.

Councillor Stewart advised that more work on the proposal would be undertaken in the coming months and would prefer the request lie on the table until the WZC had been able to discuss the options further. She asked whether closing the race meant it would be filled in. O Davies advised that a soak pit would be dug for any excess water to be directed into. All or parts of the race could be altered to accommodate farming requirements such as pivot irrigators.

Councillor Meyer asked how much work had been completed to determine how much of the water was lost to ground through the race. O Davies replied it was hard to quantify and could not provide any formal details, however there was anecdotal evidence that it was significant.

Councillor Meyer asked if there was water going to ground, that it would be considered positive for that area. O Davies replied it was dependent on one’s perspective. Staff viewed the proposal from an economic perspective rather than an environmental one. From an environmental perspective, it could be viewed as replacing one type of irrigation with another. Councillor Meyer noted that the Selwyn District Council (SDC) had expressed similar concerns and queried whether there had been any communication with SDC. O Davies replied no official communications regarding the current matter had occurred.
Mayor Ayers asked whether groundwater augmentation would occur at that point where the race was being closed, just east of Poyntz Road. O Davies replied that it would.

Councillor Atkinson queried what, if any, implications there would be if report did lie on the table. G Cleary replied that it was an important decision for the Council, and could be deferred.

Moved Councillor Stewart seconded Councillor Meyer

THAT the Utilities and Roading Committee:

(a) Receives report No.170201009287.

(b) Lays report No. 170201009287 on the table until the Waimakariri Zone Committee develops its Land and Water Solutions Package, which may involve managed aquifer recharge using Water Race R1-A, and that the report be reconsidered at the Utilities and Roading Committee meeting in August 2017.

(c) Refers this report to the Oxford-Ohoka Community Board.

A division was called.

For: Councillors Brine, Meyer, Stewart, Williams.

Against: Mayor Ayers and Deputy Mayor Felstead.

4:2 CARRIED

6.3 Oxford Road Stock Water Race R3N-1 Closure Proposal – Janet Fraser (Utilities Planner)

J Fraser tabled report ‘Archaeological Assessment for Part of Oxford Road Water Race, Rangiora’ by Michael Trotter, advising she had only received it that morning. The Committee were given a moment to scan the report with J Fraser highlighting the table (page 8) which noted that the value of the site as low.

Councillor Brine noted that the recommendation was to close water race R3N-1 and asked if Mr Trotter had identified any significant adverse effects from its closure. J Fraser advised that there were no significant adverse effects raised, however the date of construction was likely to be pre-1900. This meant that the Council would need to apply to Heritage New Zealand (HNZ) in order to fill in sections of the race. This had not been required in the past.

Councillor Brine asked if there would be benefit for the report to lay on the table. Mayor Ayers commented that if the Council did not get authorisation from HNZ, then they would be acting contrary to requirements of the Heritage New Zealand Act 2014. G Cleary advised it would be prudent to lay the report on the table until staff could provide recommendations based on the recently received report.
Councillor Stewart requested that staff also investigate whether the R3N-1 race could be used for managed aquifer recharge, noting its connection to the Northbrook. G Cleary replied that staff could investigate that.

Councillor Meyer sought clarification on the closure of a water race 10 years ago on the north side of Rangiora. G Cleary advised it was closed but not filled in. Property owners were allowed to fill in sections at their own expense, as long as the Council was satisfied that the race did not perform a drainage function.

Deputy Mayor Felstead queried if the report lay on the table, whether affected ratepayers would be issued rates effective 1 July 2017 that included water race rates for another full year. G Cleary replied that they would.

Deputy Mayor Felstead asked if it was possible to close the races from a financial perspective but not physical. G Cleary replied it was possible. He advised that a report addressing rating of both water races (R1-A in Eyrewell Forest Area and R3N-1 on Oxford Road) would be provided during the Council’s Annual Plan meeting process.

Deputy Mayor Felstead asked if it was thought reasonable to continue rating for ecological reasons. O Davies replied he was not in a position to answer the question. Councillor Allen, as a member of the Coldstream Stock Race Panel, advised that substantial parts of the race were filled in through Arlington and the cemetery which had significant environmental impacts including trees dying.

Moved Mayor Ayers seconded Deputy Mayor Felstead

THAT the Utilities and Roading Committee:

(a) Receives report No. 170310023657.

(b) Requests that prior to the Utilities and Roading Committee deliberating on report no. 170310023657, that it be referred to Heritage New Zealand for assessment.

CARRIED

Mayor Ayers advised that he had not requested the report lay on the table as it would have closed the debate and would not have allowed a full discussion on the matter.

Deputy Mayor Felstead supported the motion based on staff assurance that the rates implication would be addressed. He believed it was appropriate for recommendations to be based on an archaeological assessment before a decision is made.

Councillor Stewart was satisfied with the motion. If the race was closed downstream, environmental effects required due consideration. She noted that 90% of water races were not completely ‘watertight’, with questions still to be addressed regarding who was financially responsible for managed aquifer recharges.

R McClung advised that the report provided results of the 2016 Customer Satisfaction survey, in particular Utilities and Roading elements. She advised that the survey was managed by the Council’s Policy and Strategy team and so was separate to those parts of Council delivering the services.

R McClung advised that sections 3.1 to 3.8 outlined the methodology, section 3.9 reported key findings in relation to utilities, and section 3.10 reported on key findings in relation to roading, footpaths, parking and cycling provision.

Councillor Allen noted the 25% of households dissatisfied with kerbside refuse collection and asked what other themes were raised. R McClung responded kerbside refuse was a significant topic, with the strength of the plastic rubbish bags being a major issue. Some households has expressed support for a three-bin system similar to Christchurch.

Moved Deputy Mayor Felstead seconded Councillor Meyer

**THAT** the Utilities and Roading Committee:

(a) **Receives** report 170331031643

(b) **Notes** that a comprehensive report on all aspect of the Customer Satisfaction Survey 2016 will be presented to the Council meeting on June 6.

(c) **Refers** this report to the Community Boards for their information

**CARRIED**

6.5 **Proposed Chlorination Strategy and Update on Progress with Emergency Chlorination Systems – Colin Roxburgh (Water Asset Manager)**

C Roxburgh advised that the purpose of the report was to seek approval to adopt the Draft Chlorination Strategy (Strategy) and to update the Committee on emergency chlorination systems.

C Roxburgh advised that the Council had established chlorination practices, however it had not been formally documented. The prepared draft Strategy aimed to document and justify established practices and provide guidance for the future.

C Roxburgh outlined the five main reasons why a water supply scheme may be chlorinated and advised that the Strategy would help guide future schemes.

The second part of the report was in response to the Havelock North incident and examined how emergency chlorination could be applied in a potential contamination event. It had been decided that the ability to apply emergency chlorination was a high priority, as it was a cost effective method of mitigating most contamination issues.
Councillor Atkinson noted that chlorine had a short shelf life and questioned whether it was necessary to retain chlorine in stock considering the 24 hour service and chlorine available in Christchurch. C Roxburgh replied that chlorine was already stored at the Water Unit in order to top up smaller schemes.

Mayor Ayers asked if the mobile chlorination system required a dedicated truck. C Roxburgh advised that the back of a ute would suffice.

Moved Councillor Meyer seconded Mayor Ayers

THAT the Utilities and Roading Committee:

(a) Receives report No. 170321027265.

(b) Approves the adoption of the attached Chlorination Strategy.

(c) Notes that the Chlorination Strategy will be made publicly available on the Council website, and will be referenced in the updated Engineering Code of Practice to ensure that it is required to be adhered to for any new development areas.

(d) Notes that in order to provide an adequate level of emergency chlorination three new chlorine systems are required to be installed permanently, and two mobile chlorination systems are required.

CARRIED

Councillor Meyer commented that the report provided good assurance that good systems were in place. He was pleased it had been completed in a timely manner.

6.6 Oxford Rural Number 1 Water Supply New Source: Recommendation for New Bore Location – Colin Roxburgh, Water Asset Manager

C Roxburgh advised that the purpose of the report was to inform the Committee of the outcome of the community consultation regarding the new bore location for the Oxford Rural No.1 water supply scheme and to seek approval to process with the drilling at the recommended location.

C Roxburgh outlined the results of the community consultation, noting that the majority of the respondents who had opposed the initial bore site, had been due to its vicinity to a historic sheep dip. He noted it was a good result from community consultation and Council had appointed Pattle Delamore Partners (PDP) to advise staff on the new information provided by the community.

PDP had advised that due to confining layers of soil and rock, the risk of contamination to deep water sources was low. PDP had recommended a separation distance of 500m. Based on that advice, a new site, approximately 500m west of the original site was recommended. C Roxburgh advised that while there was less piping involved, power to the site was required so the change in location was cost neutral. An existing deep well 700m downstream had been tested and the chemical analysis showed no sign of sheep dip contamination.
THAT the Utilities and Roading Committee

(a) **Receives** report No. 170330031230.

(b) **Notes** that staff undertook consultation with the Oxford Rural No.1 community to seek feedback on the proposal to drill a new public water supply well near the Watsons Reserve Road and McPhedrons Road intersection.

(c) **Notes** that 30% of those that submitted feedback supported the proposal, and 67% opposed the proposal, and that a key reason for residents opposing the proposal was due to the presence of a historic sheep dip site in the vicinity of the proposed well site.

(d) **Notes** that as a result of the information obtained during consultation, staff have received advice regarding a safe separation distance between the sheep dip site and the new well site, and subsequently have revised the recommended new bore location to a new site approximately 500m west of the original recommendation.

(e) **Approves** staff to proceed with the drilling of the new bore at the revised recommended site, on the paper section of McPhedrons Road, approximately 500m west of the Watsons Reserve Road intersection.

(f) **Notes** that the estimated cost for the drilling, development and testing of the new bore is $250,000, and that this will be funded from the New Source budget, and that there is sufficient budget available.

(g) **Notes** that staff will write to the community to inform them of the decision regarding the new bore location.

(h) **Circulates** this report to the Oxford-Ohoka Community Board for their information

CARRIED

Deputy Mayor Felstead commented that it was a good outcome that showed the benefits of community consultation.

7 REPORTS FOR INFORMATION ONLY

7.1 **Contract 16/71 River Road Seal Extension Tender Evaluation and Contract Award Report – Kieran Straw (PDU Project Manager) and Ken Stevenson (Roading Manager)**

(Refer to copy of report no. 170223017579 to the Management Team meeting of 6 March 2017)

7.2 **Approval to engage GeoSolve Ltd for 2017 Falling Weight Deflectometer Surveys – Yvonne Warnaar, (Asset Planning Engineer)**

(Refer to copy of report no. 170331031491 to the Management Team meeting of 3 April 2017)
7.3 **Acceptance of price from JFC for Rangiora Town Centre Works - Daniel Thompson (Special Projects Manager) and Ken Stevenson (Roading Manager)**

(refer to copy of report no. 161012104756 to the Management Team meeting of 27 March 2017)

Moved Councillor Meyer seconded Deputy Mayor Felstead

**THAT** Items 7.1 to 7.3 be received for information.

CARRIED

8 **PORTFOLIO UPDATES**

8.1 **Roading – Councillor John Meyer**

Councillor Meyer noted that there were two major projects underway - the Kaiapoi Bypass and Southbrook road. He asked if concerns of Southbrook Road resident had settled and G Cleary replied yes in comparison to the start of process.

8.2 **Drainage and Stockwater – Councillor Sandra Stewart**

Councillor Stewart advised that she had attended the full round of drainage advisory group meetings. There had been concerns around the continuity of the water race system.

Henry Hudson had completed his report on the Cam River and it would go to a meeting of the Cam River Rehabilitation Sub-Committee in April.

Councillor Stewart advised there was a pond in Southbrook that was in breach of its consent in terms of sediment discharge. The information had been forwarded to the WZC.

Consent monitoring of a McAlpines Storm water holding basin had revealed arsenic 10 x permitted levels going into Pond C.

Councillor Stewart requested that minutes of drainage advisory groups go to the relevant community boards. G Cleary advised that currently they did not but they could in future.

Councillor Atkinson requested that the Henry Hudson Cam River report go to the Kaiapoi Rehabilitation Committee and G Cleary advised it would be.

8.3 **Utilities (Water Supplies and Sewer) – Cr Paul Williams**

Councillor Williams referred to the required desludging of the Oxford Sewer System before the upgrade. It was advised that there was work required to clean out the aeration basin. They were looking to complete that prior to upgrade work to allow more ability to shut down the plant. There were sludge bags in Kaiapoi that could be used.

Councillor Doody asked if that information could be passed to the Oxford-Ohoka Community Board and G Cleary advised there could be an update report.
8.4 **Solid Waste—Cr Robbie Brine**

Councilor Brine advised that there was an upcoming Canterbury Waste Joint Committee meeting in Christchurch.

There was a meeting with the Council’s Solid Waste Asset Manager, Kitty Waghorn, 27 April 2017 regarding advancing the waste management plan.

9 **MATTERS TO BE CONSIDERED WITH THE PUBLIC EXCLUDED**

Section 48, Local Government Official Information and Meetings Act 1987

Moved Councillor Brine seconded Deputy Mayor Felstead

**THAT** the public be excluded from the following parts of the proceedings of this meeting.

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:

<table>
<thead>
<tr>
<th>Item No</th>
<th>Minutes/Report of:</th>
<th>General subject of each matter to be considered</th>
<th>Reason for passing this resolution in relation to each matter</th>
<th>Ground(s) under section 48(1) for the passing of this resolution</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.1</td>
<td>Report of Colin Roxburgh (Water Asset Manager)</td>
<td>Request to Award Separable Portion A of Contract 17/17 Water Supply Well Drilling and Maintenance (Oxford Rural No: 1 New Well)</td>
<td>Good reason to withhold exists under Section 7</td>
<td>Section 48(1)(a)</td>
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**PUBLIC EXCLUDED REPORTS FOR INFORMATION ONLY – Item 9.2 previously circulated to members**

<table>
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<td>9.2</td>
<td>Report of Colin Roxburgh (Water Asset Manager) and Mark Andrews (Civil Engineer PDU)</td>
<td>Contract 16/79 Peraki Street Headworks Supply main Replacement</td>
<td>Good reason to withhold exists under Section 7</td>
<td>Section 48(1)(a)</td>
</tr>
<tr>
<td>9.3</td>
<td>Attachment to report for Colin Roxburgh (Water Asset Manager) (Item 6.6)</td>
<td>Attachment (i) to open meeting report: Oxford Rural Number 1 Water supply new Source: Recommendation for New Bore Location</td>
<td>Good reason to withhold exists under Section 7</td>
<td>Section 48(1)(a)</td>
</tr>
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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 6 or Section 7 of that Act which would be prejudiced by the holding of the whole or relevant part of the proceedings of the meeting in public are as follows:
<table>
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<tr>
<th>Item No</th>
<th>Reason for protection of interests</th>
<th>Ref NZS 9202:2003 Appendix A</th>
</tr>
</thead>
</table>
| 9.1 - 9.3 | Protection of privacy of natural persons  
To carry out commercial activities without prejudice                                                  | A2(a)                        |
|         |                                                                                                  | A2(b)ii                      |

CARRIED

10 QUESTIONS
Nil.

11 URGENT GENERAL BUSINESS
Nil.

THERE BEING NO FURTHER BUSINESS, THE MEETING WAS CLOSED AT 5.55PM.

CONFIRMED

__________________________
Chairman
__________________________
Date

STAFF BRIEFING
At the conclusion of the meeting, a staff briefing was held to discuss:

- Sea Foam Testing – Simon
- Drainage Maintenance Contract - Simon
- Glyphosate Trial - Greg
- Kaiapoi River Rehabilitation – Owen
- Servicing of Private Properties in Residential Red Zone - Kalley