180619067819 Utilities and Roading Committee Minutes
GOV-01-06 : as Page 1 of 8 19 June 2018

WAIMAKARIRI DISTRICT COUNCIL

MINUTES OF THE MEETING OF THE UTILITIES AND ROADING COMMITTEE HELD IN THE COUNCIL CHAMBERS, 215 HIGH STREET, RANGIORA ON TUESDAY 19 JUNE 2018 AT 3.00PM

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

IN ATTENDANCE
Councillors. W Doody and D Gordon,
Messrs J Palmer, (Chief Executive), K Simpson (3 Waters Manager), O Davies (Drainage Asset Manager), C Roxburgh (Water Asset Manager), G Stevenson (Development Manager), K LaValley (Project Delivery Manager), Mrs J Fraser (Utilities Planner), A Smith (Committee Advisor)

1 APOLOGIES
There were no apologies

2 CONFLICTS OF INTEREST
No conflicts of interest were noted.

3 CONFIRMATION OF MINUTES
3.1 Minutes of a meeting of the Utilities and Roading Committee held on Tuesday 17 April 2018

Moved Councillor Meyer seconded Councillor Williams

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 17 April 2018.

CARRIED

4 MATTERS ARISING
There were no matters arising.

5 PRESENTATION
There were no presentations.
6 REPORT

6.1 Closure of Oxford Road Stock Water Race R3N-1 Closure Proposal – Janet Fraser (Utilities Planner) and Owen Davies (Drainage Asset Manager)

J Fraser and O Davies presented this report, which recommends that the Committee approve the closure of this stock water race R3N-1 on the south side of Oxford Road, Rangiora.

The main reasons for the proposed race closure is that there is no ongoing demand for stockwater for the properties using the service; it is not appropriate to provide stockwater in an urban setting and Ngai Tuahuriri would prefer to avoid mixing water from separate waterways and to prevent rural source contaminants to be entering the North Brook via the water race.

Consultation has been undertaken with the property owners who are paying the stock water race rate and those who have properties bordering the upper reaches of the North Brook west of West Belt on this proposed closure. Of nineteen responses received, 11 property owners supported the closure and eight property owners wanted the race to remain open. The affected parties include residents of Milesbrook Close, some of whom are concerned with loss of amenity value for their properties if the race was closed and this was their reason for objecting to the closure. K Simpson noted that during the summer months there is very little or no water flow in the race and Council staff do not believe that closing the race will have any adverse effect on amenity value of properties.

Councillor Williams asked if there was potential for a need for the stock water race at some time in the future. Mrs Fraser advised there is only three large rural properties who could potentially use this water course for stock water and of these, two supported the race closing. All the other properties are urban properties with no need for stock water.

Councillor Meyer mentioned the flood event of 2014 which impacted on this area and questioned what effects would there be in any future high rainfall event, with the closing of this stock water race. O Davies explained that the origin of the water in the flooding of 2014 was from rural land and advised that there is an upgrade proposed for Lehmans Road which will move water south.

Councillor Stewart asked of the residents who have planting along the water race, is there an overall plan on how the race will function after it is closed. O Davies said there hasn’t been a plan developed but Council staff will be able to offer advice to those residents on the suitability of any proposed planting, on a case by case basis.

Moved Councillor Stewart seconded Councillor Brine

THAT the Utilities and Roading Committee:

(a) Receives report No.180516053605.

(b) Approves the closure of water race R3N-1 on Oxford Road, east of Lehmans Road.

(c) Notes that, following water race R3N-1 closure, Council staff will discuss maintenance arrangements and possible filling in of sections of the race on Oxford Road with the affected properties.
(d) Notes that, following race R3N-1 closure, the Council will apply for an Archaeological Authority from Heritage New Zealand which would authorise earthworks to fill in sections of the race.

(e) Circulates this report to the Rangiora Ashley Community Board for their information.

CARRIED

Councillor Stewart said ongoing maintenance will to be looked at in future plans on a case by case basis. This matter has been widely consulted on and supports the proposal to close this stock water race.

Mayor Ayers noted that this stock water race and its usefulness ends once it reaches the urban areas.

6.2 20 February 2018 Storm Event – Update on Service Requests – Kalley Simpson (3 Waters Manager)

K Simpson spoke to this report to update the committee on the status of the drainage service requests received during and following the 20 February 2018 storm event. A key point noted was of the 38 drainage assessment projects identified, six are completed, seven are currently underway, and eight have been scoped but not commenced. Staff are actively working through all the issues that have been identified. At Waikuku Beach, Council staff have had meetings with residents and have been providing assistance to landowners who have drainage issues on their properties. Properties along Waikuku Beach Road are impacted by the low lying land. There have been up to ten different areas in Waikuku Beach that have been identified as experiencing drainage issues and staff are working on these. O Davies added that there is some maintenance work which Council staff could undertake in the near future, and some other issues relating to the higher water table that are going to take some time to resolve.

Of the projects completed, staff have agreed to provide information on the outcomes of these to the next meeting of the committee (August).

Following question from Councillor Barnett, K Simpson said it could be possible to provide information on the current status of the drainage works, as in the table on pages 49 and 50 of the agenda. Staff will follow up with this matter.

Councillor Barnett noted that most the sites listed in the report refer to urban areas and asked if drainage work required in rural areas was being given consideration, (noting roads in the Cust district which become flooded and impassable during high rain events). Mr Simpson said there are monthly meetings with the contractors where this matter could be discussed.

Mayor Ayers said there are roads in the district that are subject to flooding during high rainfall events and suggested that residents could be advised of alternative routes they could use during these times.

Moved Councillor Meyer seconded Councillor Williams

THAT the Utilities and Roading Committee:

(a) Receives report No. 180608063509.

(b) Notes that of the 38 drainage assessments identified from the 208 service requests, 6 have been completed, 7 are currently underway and 8 have been scoped but not commenced.
Councillor Barnett expressed thanks to staff who have been dealing with drainage issues, with the district experiencing particularly high rainfalls this year.

Councillor Stewart noted that it is four months since this significant event and with drainage assessment work at some sites still to commence, questioned if there is enough staff resources to deal with the issues.

Councillor Meyer said that with the conditions that have been experienced, the staff have been working well.

6.3 Engineering Code of Practice – New Stormwater and Water Supply Drawings – Kalley Simpson (3 Waters Manager) and Gary Stevenson (Development Manager)

Messrs G Stevenson and K Simpson presented this report, which requests that the Utilities and Roading committee adopt new and revised stormwater and water supply standard drawings developed for the Engineering Code of Practice.

There will be no additional cost for people building a new house, applicants can get these drawings direct from the Council and utilise these without having to get another specific design. This simplifies the process for applicants.

Moved Mayor Ayers seconded Councillor Williams

THAT the Utilities and Roading Committee:

(a) Receives report No. 180606062155[v2].

(b) Adopts the following new ECOP drawings for onsite stormwater attenuation:
   - Plan 600 Sheet 251 Issue B, Onsite Stormwater Tanks.
   - Plan 600 Sheet 252 Issue A, Onsite Detention Swale / Pond.

(c) Adopts the following revised ECOP drawings for onsite stormwater soakage:
   - Plan 600 Sheet 330B Issue B, Rural Soak Pit.

(d) Adopts the following new ECOP drawings for onsite water supply tanks:
   - Plan 600 Sheet 403 Issue A, Private Water Tank (Restricted Scheme).

(e) Notes that the Engineering Code of Practice is currently due for a full review, but specific updates are being undertaken on a case by case basis.

CARRIED

Councillor Brine has some reservations about the benefits of private soak pits during the winter months when ground water levels are high.
Councillors Atkinson questioned the benefits of swales in some subdivisions (noting water pools for long periods of time at Beachgrove development, on Beach Road, Kaiapoi).

Councillor Barnett also noted that some properties in other areas of the district also who had put in soak pits on their properties, which had not provided any benefit for drainage.

Mayor Ayers said the effectiveness of soak pits depends on the soil type, and noted that it was a requirement for houses built in The Oaks subdivision in Rangiora to include a soak pit and it appeared these were effective in assisting with the Council’s drainage system.

6.4 Water New Zealand – National Performance Review 2016/17 – Kalley Simpson (3 Waters Manager)

K Simpson presented this report presenting the Water New Zealand - 2016/17 National Performance Review to the Committee and highlights the Waimakariri District Councils performance. This review costs $4,000 but staff believe this is a beneficial tool for the Council, giving the opportunity to look at how other Councils run their 3 Waters business, how they perform and to be able to benchmark against each other. It is also identifies areas where there is room for improvement in service delivery. This is the third year that this Council has participated in the survey.

Moved Councillor Meyer seconded Councillor Williams

THAT the Utilities and Roading Committee:

(a) Receives report No. 180607062770.

(b) Notes that the Waimakariri District Council performs relatively well in the key theme areas identified in the 2016/17 National Performance Review.

(c) Notes that the National Performance Review provides numerous performance metrics which can be used comparative purposes on specific matters with other councils.

CARRIED

6.5 Update on Nitrate Levels in Public Drinking Water Supplies – Colin Roxburgh (Water Asset Manager)

C Roxburgh presented this report to provide information to the committee on nitrate levels measured in public water supply sources within the district. All the public water schemes have nitrate levels which are less than the maximum acceptable value (MAV) in the Drinking Water Standards of New Zealand and all but one are below 50% of the MAV. The Poyntzts Road scheme nitrate levels are approx. 80 – 90% of the MAV and a new source is required for this scheme because of this issue. This source is sampled every month to monitor nitrate levels. There has been an increase in levels in samples tested from July 2017 to January 2018, though the last two samples have since plateaued. Staff will monitor these levels closely. The Ohoka back up source also has nitrate levels above 50% of the MAV and it was stopped being used as the primary source in 2016. Staff will be sampling this source every three months to be confident that it is still within safe levels, should it be required to be used at short notice.

With the growing interest in nitrate levels in groundwater in the Canterbury region it is proposed that sampling of nitrate be increased to annual samples
for all public water sources, rather than every five years (which is the requirement for sources where nitrate is less than 50% of the MAV). This will provide more accurate data trends, with many of the sources only 5–10 years old.

Moved Councillor Brine seconded Councillor Williams

**THAT** the Utilities and Roading Committee:

(a) **Receives** report No. 180601061125.

(b) **Notes** that all the nitrate levels in public water supplies on all Council managed public drinking-water schemes within the district are below the maximum acceptable value in the Drinking-water Standards for New Zealand.

(c) **Notes** that the Poyntzs Road scheme has nitrate levels at approximately 80–90% of the maximum acceptable value, and that a new source is required for this scheme long term.

(d) **Notes** that staff are actively working with Environment Canterbury to understand any long terms risks to the district’s supplies and how these can be managed and mitigated.

**CARRIED**

7 **MATTER REFERRED FROM THE REGENERATION STEERING GROUP MEETING OF 11 JUNE 2018**

7.1 **Jones Street Repair Options (Kaiapoi East Regeneration Area) – Michelle Flanagan (Landscape Planner – District Regeneration)**

Duncan Roxburgh spoke to this report and provided some background information on the discussion undertaken at the steering group.

It has been determined that there needs to be some more work done by staff to determine the best option for drainage to be required in the Jones Street area. This will also need to work in with the Beswick drainage upgrades.

On this basis, staff have suggested that this report lie on the table until the next meeting of the committee, to allow time for this project to be assessed further.

Following a question from Councillor Barnett, Mr Roxburgh noted that Jones Street is to be the priority route for the new access road from green zone. Councillor Barnett questioned the use of $500,000 funds on this road now, when it will not be put to best use for another five years. Mr Palmer responded that there had been a strong steer from the Regeneration Steering Group that the community considered this was a priority and would be a sign of progress.

Councillor Atkinson noted that as this land now belongs the Council, the berm could be made much wider, and possibly build a pedestrian tunnel that people could use if wanted to access planned BMX track and sports grounds. Mr Palmer responded that widening the berm would encroach on proposed development of the sites either side of the street and a pedestrian tunnel would be at a cost. The water table is high here and would require drainage.

Moved Councillor Meyer seconded Councillor Brine

**THAT** this item lies on the table:
8 REPORTS FOR INFORMATION ONLY

8.1 Approval to Change Intersection Controls
(report no. 180423043958 to the Kaiapoi-Tuahiwi Community Board meeting of 21 May 2018).

8.2 Approval to install cattle stops on Carleton Road
(report no. 180517054232 to the Oxford-Ohoka Community Board meeting of 7 June 2018).

Moved Councillor Stewart seconded Councillor Meyer

THAT the Utilities and Roading Committee:

(a) Receives Items 8.1 – 8.2 for information

CARRIED

9 PORTFOLIO UPDATES

9.1 Roading – Councillor John Meyer

Councillor Meyer noted that some members had been for a site visit to Cones Road, commented on the improvement and believes the cost is worthwhile if it saves a life in future.

9.2 Drainage and Stockwater – Councillor Sandra Stewart

Councillor Stewart has attended the All Boards Drainage meeting, where there was a speaker who had used a high-tech drone for mapping of rivers. Council drainage staff may be interested in using this for projects.

A new round of Drainage Advisory Group meetings started last week at Ohoka. A comprehensive report was presented from the new Contractor on the work for the area. This was well received by members of the Group. The next Drainage Advisory Group meeting for this round is in Oxford this week.

A review of the Stockwater Bylaw is coming up in the near future.

9.3 Utilities (Water Supplies and Sewer) – Cr Paul Williams

Councillor Williams said a second source of water for the Oxford No. 1 water supply is almost 100% secured with the consent process.

Oxford No. 2 is now operational, with pumps one and two supplying the area and the third pump still to be connected.

9.4 Solid Waste – Cr Robbie Brine

The next Solid and Hazardous Waste Working Party meeting is coming up on Thursday 21 June.
10 **QUESTIONS**

There were no questions.

11 **URGENT GENERAL BUSINESS**

There was no urgent general business.

There being no further business, the meeting closed at 4.30pm.

CONFIRMED

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Chairman

______________________
Date

**BRIEFING**

At the conclusion of the meeting, there was a briefing for the committee, on the following matters:

- Seal Extensions (Joanne McBride)
- *Nitrate Assessment implications to Water Supplies in the Waimakariri District* (joint presentation by Kalley Simpson, 3 Waters Manager WDC and Zeb Etheridge, Senior Scientist ECan)