

Appendix C

From: Mark Thomson <mark.thomson@woods.co.nz>
Sent: Wednesday, 25 February 2026 10:10 am
To: Brian Robinson
Cc: hemraj.kunwar@kapiticoast.govt.nz; Isaac Cant (Isaac.Cant@kapiticoast.govt.nz); hayden.beaton@summerset.co.nz; daniel.minhinnick@russellmcveagh.com; Anna Riddle
Subject: RE: [#P22-323] PC4 Welhom/Summerset Ratanui Road - Confirm available wastewater capacity in KCDC network

Thanks, Brian,

While I wasn't in the hearing at the time that these matters came up, your email description makes sense.

I don't anticipate any immediate further queries but will be in touch if these do come up.

Kind regards

Mark



Mark Thomson
Senior Associate Engineer
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From: Brian Robinson <brian.robinson@halconsulting.co.nz>
Sent: Wednesday, 25 February 2026 10:01 am
To: Mark Thomson <mark.thomson@woods.co.nz>
Cc: hemraj.kunwar@kapiticoast.govt.nz; Isaac Cant (Isaac.Cant@kapiticoast.govt.nz) <Isaac.Cant@kapiticoast.govt.nz>; hayden.beaton@summerset.co.nz; daniel.minhinnick@russellmcveagh.com; Anna Riddle <anna.riddle@russellmcveagh.com>
Subject: Re: [#P22-323] PC4 Welhom/Summerset Ratanui Road - Confirm available wastewater capacity in KCDC network

Hi Mark,

Further to our conversation last week, just to confirm the wastewater assessment that was undertaken for the Summerset site on Ratanui Rd that was the subject site for PC4 did not include the cumulative impact of flows from the Mansell development. However as flows from the Mansell development must pass through an intermediate pump station (PSP00006) before entering the gravity network, which flows from the Summerset site will be discharged to, and there is no upgrade to that pump station required, modelled peak flows in the gravity network, which generally dictate the risk of overflows from a gravity network will be unchanged, so the conclusion that the risk of overflows is low as a result of the proposed plan change still stands.

There is an argument that the additional flows from the Mansell development will result in increased wastewater volumes, and as a result increased pump run hours at the downstream pump station (PSP00006), which in turn would result in an increased volume of wastewater flow at the next pump station downstream (Ratanui PS, PSP00004) which relies of some attenuation of peak flows within the wet well, but the assessment that has been undertaken is conservative by assuming a constant flow from the development equivalent to PWWF, so if this was to be assessed dynamically (ie. peak flows only occurring during the peak of a storm), then the minor surcharge predicted at the pump station is likely to be reduced from the current conservative assessment, even allowing for the cumulative impact of the Mansell development.

So in short, the conclusion that the impact will be no more than minor, and the risk of overflows is low, still stands, and I don't believe additional analysis is necessary.

Please let me know any further queries.

Regards

Brian

Brian Robinson

*Principal 3-Waters Engineer
Managing Director*

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From: Mark Thomson <mark.thomson@woods.co.nz>

Sent: Monday, February 23, 2026 9:30 AM

To: Brian Robinson <brian.robinson@halconsulting.co.nz>

Cc: hemraj.kunwar@kapiticoast.govt.nz <hemraj.kunwar@kapiticoast.govt.nz>; Isaac Cant
(Isaac.Cant@kapiticoast.govt.nz) <Isaac.Cant@kapiticoast.govt.nz>; hayden.beaton@summerset.co.nz
<hayden.beaton@summerset.co.nz>; daniel.minhinnick@russellmcveagh.com
<daniel.minhinnick@russellmcveagh.com>; Anna Riddle <anna.riddle@russellmcveagh.com>

Subject: RE: [#P22-323] PC4 Welhom/Summerset Ratanui Road - Confirm available wastewater capacity in KCDC network

You don't often get email from mark.thomson@woods.co.nz. [Learn why this is important](#)

Hi Brian,

Checking in on ETA for your return email as discussed last week?

Kind regards

Mark



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From: Mark Thomson <mark.thomson@woods.co.nz>

Sent: Wednesday, 18 February 2026 10:51 am

To: brian.robinson@halconsulting.co.nz

Cc: hemraj.kunwar@kapiticoast.govt.nz; Isaac Cant (Isaac.Cant@kapiticoast.govt.nz)

<Isaac.Cant@kapiticoast.govt.nz>; hayden.beaton@summerset.co.nz; daniel.minhinnick@russellmcveagh.com;

Anna Riddle <anna.riddle@russellmcveagh.com>

Subject: [#P22-323] PC4 Welhom/Summerset Ratanui Road - Confirm available wastewater capacity in KCDC network

Importance: High

Dear Brian,

Thank you for your time to speak with me just now.

As discussed, I understand that you appeared at the KCDC hearing for PC4 yesterday, and that the commissioners had some queries regarding the development assumptions associated with the wastewater capacity assessment that your team provided in early 2025. I have relied on this report in my evidence prepared for the applicant and attach the report plus our covering memo.

You have advised during our phone conversation that the modelling undertaken for the attached report did not specifically include the Mansell development. However, your opinion as expressed to me is that inclusion of the Mansell development into the model would not change your assessment or advice that there is sufficient capacity available in the existing KCDC wastewater network to accept wastewater discharge from the PC4 site.

Please can you kindly respond to this email as discussed, confirming your advice as I have summarised above.

Regards



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