

Ainslee Brown

From: Josie Burrows
Sent: Thursday, 17 October 2019 11:34 AM
To: Baylee Pakau
Subject: RE: WGN200096 - WWL wetland

Thanks Baylee - yes if you could please let me know about the wetland species that would be great.

I am happy to cover the erosion and sediment control aspect, but just want to let you know that I think we will only require it to cover only the wetland, Ngatitua St flood bund and outlet structure (as the other flood bund and pipeline works don't require GWRC consent). Let me know if you want to chat further about that though?

I'll forward through Jock's review when it's complete. He's identified a couple of further questions at this stage.

Cheers, Josie

From: Baylee Pakau [REDACTED]
Sent: Monday, 14 October 2019 5:38 PM
To: Josie Burrows [REDACTED]
Subject: RE: WGN200096 - WWL wetland

Hi Josie

Thanks very much for all that! I think I can rely on whatever feedback you get from the flood protection team, rather than commission any further peer reviews around hydrology and flood mitigation. Would you mind sending me the comments when received?

I had a chat with Frances at Wildlands and she noted the person who designed the wetland and picked the species doesn't have an ecology or horticultural background. In any respect, she suggested I touch base with Malcolm Birch at PCC whose team does have in-house capability to review the species which is great. If you're interested I can provide you with the feedback when it's received.

As discussed I'm going to s92.2 a contamination review by Dave Bull. His initial comments are attached for your information (not yet provided to applicant, just fyi).

Would GWRC be happy to lead the charge in terms of ECMP conditions? I was envisioning I could condition that the applicant provides a copy of the GWRC approved ECMP to PCC.

Thanks
Baylee

From: Josie Burrows [REDACTED]
Sent: Friday, 11 October 2019 11:37 AM
To: Baylee Pakau [REDACTED]
Subject: WGN200096 - WWL wetland

Hey Baylee

Great to catch-up today.

Link to the Wellington Water guidelines here - <https://www.wellingtonwater.co.nz/your-water/land-development/water-sensitive-design/>

There looks to be some good info on the species to plant in there too (pg 76 -79)

Below are the questions I've requested from our Flood Protection Team:

Constructed wetland:

1. Has the applicant provided sufficient information to understand the proposed wetland and effects on the environment? If not, please list the further information and/or assessment required.
2. Has the applicant sufficiently described how the wetlands will be constructed? And do you consider this to be appropriate?
3. Do you consider the design of the wetland to be appropriate for this location?
4. Do you have any concerns with flooding risks associated with the proposed works?
5. Are there any conditions you recommend be included in the consent certificate?
6. Any other comments in relation to the proposed wetland?

Ngatittoa Road flood protection bund:

1. Has the applicant provided sufficient information to understand the proposed flood protection bund? If not, please list the further information and/or assessment required.
2. Do you consider the proposed flood protection bund to be appropriately located and sized?
3. Has the applicant adequately addressed the actual and potential effects of the bund? In particular, whether the berm will exacerbate flooding upstream/downstream, who could be affected? If not, what further information and assessment is required?
4. Has the applicant adequately set out how the bund will be constructed? And do you consider this appropriate?
5. What measures should the applicant be undertaken to mitigate adverse effects from the proposed bund (i.e. to be placed on the consent as conditions)?
6. Any other comments in relation to the proposed flood protection bund?

Let me know if you want to chat about anything else.

Cheers

Josie

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