

8 August 2023

Mark Ross
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BUN60420393 - Minor Methodology and AEE Updates

Dear Mark,

This letter is an addendum to the resource consent application package for BUN60420393, relating to the proposed Herne Bay Trunk Sewer project.

Since the application has been lodged a minor methodology change has been identified to the tunnel boring machine (TBM) methodology. The change will necessitate the use of slurry, and the inclusion of a slurry separation tank at each of the shaft construction sites. This change would enable different options of closed face TBM be used for tunnelling construction.

We attached the following updated resource consent documents:

- Assessment of Environmental Effects (AEE)
- Appendix B: Proposed Conditions
- Appendix J: Construction Methodology
- Appendix K1: Construction Noise and Vibration Assessment
- Appendix K2: Draft CNVMP

After an assessment of the slurry separation methodology, particularly in relation to construction noise and vibration, we find that the activity can occur within the existing 'envelope' of effects for the tunnelling support activities, as outlined in the lodged consent application. This analysis is presented within the updated Construction Noise and Vibration Assessment attached. We consider that no other appendices are required to be updated.

In addition to the methodology change as described above, the AEE has been updated to include more specific details on earthworks area and volume for each construction activity, as previously requested. Although a new reason for consent has been identified, we consider that the AEE has already adequately assessed the effects of earthworks.

We have also corrected two small inconsistencies in our proposed conditions of consent (Appendix B), refer to Conditions 8 and 13.

Please do not hesitate to reach out if you have any questions on any of the above.

Yours faithfully,



William Hung
Senior Resource Consent Planner, Strategy and Planning
Watercare Services Limited