

7 September 2017

Creswell NZ Limited
C/- Beca Limited
Attention: Malory Osmond
PO Box 903
Seventh Avenue
Tauranga 3140

Dear Madam,

Resource Consent Application RM17-0424-AP - Take and use groundwater for water bottling, carry out earthworks, discharge stormwater and process wastewater to water and discharge treated onsite effluent to land – Request for Further Information (s92 RMA)

Following review of your application, we request the further information as outlined below. For ease of reading, these have been separated into various sections pertaining to the relevant proposed activities:

Groundwater take:

Please note: a copy of the technical review undertaken by Pattle Delamore Partners Limited (PDP - independent technical review on behalf of the science section of Bay of Plenty Regional Council) is attached to this letter.

- 1. Please provide evidence of the 7 day pump test and analysis of that data undertaken on the new bore drilled under resource consent RM16-0480;*
- 2. Please provide an updated assessment of effects in reference to point 1 above which would supersede the current assessment presented in the Beca report entitled "Otakiri Springs Water Bottling Plan Expansion Resource Consent Application and AEE" dated 31 July 2017 and addresses the technical deficiencies outlined in the PDP review of the proposal;*

Earthworks and Stormwater Discharge:

Please note: a copy of the technical review undertaken by the engineering section of Bay of Plenty Regional Council is attached to this letter.

- 3. Please comment on the variation between the 6.2 hectare catchment for the sediment retention pond and the 4.5 hectare earthworks area. Why has the sediment retention pond been based on a larger contributing catchment?;*
- 4. Please provide an updated sediment and erosion control plan to amend printing errors where boxes are replacing numbers and letters on multiple occasions within the plan. This will allow for volumes and methodology to be confirmed;*

5. *Please provide detail around the emergency spillway outlined as being 3 metres wide. Please provide evidence to show how this was calculated;*
6. *Please provide the forebay volume within the sediment retention pond so that it reflects 5% of the total sediment retention pond volume;*
7. *How will erosion be dissipated at the outlet of the clean water diversion channel to ensure that the potential concentration of water will not become a source of sediment?;*
8. *Please comment on where topsoil will be stockpiled onsite and what the note indicating the maximum extent of topsoil is referring to on the erosion and sediment control plan;*
9. *Please provide detail on the temporary culvert proposed under the accessway;*
10. *Please provide comparisons between pre and post development of the discharge flows of the 2 and 10 year events through the primary outlet;*
11. *Please provide calculations that demonstrate how the stormwater storage volumes and flow rates have been determined for each storm event considered;*
12. *Please provide evidence to identify any catchpits on the Beca site plan referenced as Drawing No. 2663104-AR-101 Rev. 0A;*
13. *Please update plans to show the location of refueling areas and bund alignment;*
14. *Please provide dimensions and supporting calculations for the swale design to achieve a velocity less than 1.5m/s and minimum 9 minutes of residence time;*
15. *Please provide further details on the stormwater retention pond's emergency spillway as identified in the attached engineering review;*
16. *Please provide details on the separation distance between the swale and the treated effluent distribution field. Please provide evidence to demonstrate that the treated effluent will not drain into the swale or will be sufficiently treated before potentially entering the stormwater system;*
17. *Please provide an assessment of the proposal against the Bay of Plenty Regional Council Floodway and Drainage Bylaw 2008. Bylaw approval may be required. Please contact Roger Waugh (Programme Leader - Rivers and Drainage) or Bruce Crabbe (Rivers and Drainage Manager) at the Bay of Plenty Regional Council.*

Discharge Treated Wastewater to Land:

Please note: a copy of the comments relating to a technical review undertaken by a Senior Regulatory Project Officer from Bay of Plenty Regional Council is attached to this letter.

18. Please provide evidence of an assessment of the proposal against the “ESR Guidelines for separation distances based on virus transport between on-site domestic wastewater systems and wells” in relation to the separation distances between the land application area for the treated wastewater discharge and the groundwater bores located onsite;

Cultural Effects:

Nathan Capper (Pou Ngaio – Technical/Cultural RMA Specialist, Bay of Plenty Regional Council) has provided advice regarding iwi engagement.

19. The information submitted in the application document (Appendix M) does not clearly identify which effects are of concern to tangata whenua and how these might be mitigated. Please provide this information. Bay of Plenty Regional Council staff have advised the location of the proposed activities fall within the following tangata whenua’s rohe:

- Ngati Awa;
- Ngati Tuwharetoa; and
- Ngati Makino.

Other information:

20. Please provide an updated statutory assessment of the proposal against the relevant provisions of the Operative Plan for the Tarawera River Catchment in light of the Matata Wastewater Treatment Plant Environment Court decision.

Once we have received all information necessary to assess the effects of your proposal on the receiving environment, we will continue processing your application.

Please feel free to contact me regarding the requirements of this letter, on 0800 884 881 extension 9467 or at Jo.Cranswick@boprc.govt.nz.

When and how should I respond?

In accordance with section 92A(1) of the Resource Management Act 1991 (RMA) you must respond to this request by **27 September 2017**. You may either:

- provide the required information,
- write to us stating that you will supply the required information, but require a longer period in which to do so, or
- write to us stating that you refuse to provide the required information.

What happens if I do not respond or refuse to provide the information?

If you do not respond by **27 September 2017** or respond indicating your refusal to provide the requested information, then under section 92B(2) of the RMA we must continue to process your application but your application is likely to be notified (incurring extra costs) and/or declined. If we decline your application, you have the right of appeal (s120 RMA) to the Environment Court.

Yours faithfully



Jo Cranswick
Consents Officer

for General Manager Regulatory and Customer Service