

27 September 2018

Bay of Plenty Regional Council Toi Moana  
PO Box 364  
WHAKATĀNE 3158

**Attention:**       **Steph Bougen**  
Senior Consent Officer

Dear Steph

**Application RM18-0508 – Rotorua Wastewater Treatment Plant – Revised Land Contact Bed Drawing**

The Rotorua Lakes Council recently lodged an application and an associated assessment of environmental effects (AEE), for various resource consents associated with a proposed upgraded to the Rotorua Wastewater Treatment Plant (WWTP) and a new discharge to Te Arikioa Thermal Channel – referenced as application number RM18-0508.

Section 4.4.4 of the AEE presents details on the proposed land contact bed and discharge structure and notes that the information presented is only a concept and details will be finalised following consultation with iwi<sup>1</sup>. Further, the AEE notes that an alternative outlet location for the land contact bed was preferred over the original concept<sup>2</sup>.

The design of the land contact bed and discharge structure has been developed further since the lodgement of the application and the revised design is shown in the enclosed drawing. The overall concept remains the same but the orientation of the components of the land contact bed have been re-oriented, meaning that the outlet and discharge structure are now located in the northwest. This location generally aligns with that shown in Figure 4-10 of the AEE (which shows the extent of the works associated with modifications to and of Te Arikioa Thermal Channel).

The change in the location of the discharge is discussed and supported by the brief report contained in Appendix L to the AEE<sup>3</sup>, authored by Mr Antoine Coffin who prepared the two Cultural Impact Assessments (CIA) included with the application.

We request that this letter and the enclosed drawing be formally received and included in the documentation that is available during the public notification period.

Please do not hesitate to contact the address for service Theresa Le Bas on (07) 349 8702 or [Theresa.LeBas@tompkinswake.co.nz](mailto:Theresa.LeBas@tompkinswake.co.nz) if you have any questions.

Yours sincerely



Greg Manzano  
**Rotorua Lakes Council**

Encl.:       Revised Land Contact Bed Drawing

<sup>1</sup> Refer to the paragraph immediately beneath Figure 4-6 on page 36 of the AEE.

<sup>2</sup> Refer to the last paragraph on page 37 of the AEE.

<sup>3</sup> Response to Alternative Proposal for Bunds and Outlet Location at Puarenga Bay (July 2018).  
TLB-222361-101-435-V2:gm



# LAND CONTACT BED Water Restoration

- 1 Entry via Sanatorium reserve
- 2 Walking platform/boardwalk
- 3 Water source
- 4 Gabian baskets filled with local stone
- 5 Bands of wetland planting
- 6 Sculptural water fountains to create turbulence and aeration
- 7 Locally sourced loose rock; placed to create mounds to replicate Rotorua landform
- 8 Rills; shallow water channels with carefully designed surfaces which create different water movement and sounds
- 9 Calm water; pond containing aquatic life
- 10 Weir with stepping stones
- 11 Waterfall
- 12 Waterfall viewing platform with feature Pouwhenua
- 13 Compacted lime chip path
- 14 Create natural looking stream with planting (watercourse connects into Lake Rotorua)

