

Te Kinga Estate Limited
143 Barnes Road, Rd 2,
Lincoln, 7672
21/11/2024

Re: Minute 52 - Responses sought on Cumulative Effects of Wastewater Disposal Report

Dear Chu,

Te Kinga Estates Limited (TEL) have read the report “Cumulative Effects of Onsite Wastewater Disposal for the EWCRC Rev 1 28/10/2024 authored by BTWCompany.

In relation to the summary of cumulative effects key receptors related to Area E – Moana Scenario B. As the vast majority of the land proposed for Settlement Zoning drains into the Arnold River catchment TTEL support the conclusions which I have listed below:

Page v:

“Arnold River: Whilst loading is expected to be significant, the overall effects to water quality and ecology in the river are expected to be low, due to dilution”.

Page vi

“Where tributaries discharge into larger waterways, such as the Gibsons Creek or the Arnold River, the total nutrients are expected to be sufficiently diluted so that either: no measurable impact is recorded, or potential minor increases do not change the Attribute Band...”

Page 4.5.2 Arnold River – Bacteria

“The primary receptors to bacteria are typically potable and recreational water users, such as bathers in summer in the Lake. In the absence of these receptors within proximity to Area A, D and E, the risk is low...”

Page 41 Summary Conclusions

“Where tributaries discharge into larger waterways, such as Gibsons Creek or the Arnold River, the total nutrients are expected to be sufficiently diluted so that the risk is low, where either: no measurable impact is recorded; or potentially minor increases do not change the Attribute Band under the NPS-FM

From the BTWCompany report, the proposed rezoing changes for Area E outlined in Scenario 2 and cumulative effects associated with the change of land use and primary treatment systems - impacts are low. And where discharges are likely to occur from this land use change. Those effects would be within the bands for National Policy Statement Guidelines for Fresh Water (NPS-FM). TEL therefore support the findings of the report in relation to Area E.

Yours Sincerely

