28th September 2022

Jennifer Davison **Economic Development Queensland** PO Box 15009 City East Brisbane QLD 4002

Dear Jennifer

RE: Aura Precinct 15 Stormwater Quality Management Plan – Response to Further Issues Request 31 August 2022 (DEV2022/1276)

This letter is provided in response to Further Details Request letter dated 31 August 2022 raised by EDQ.

4. Amend the SQMP. Catchment with two inflows for the WSUD system is to be split into two separate catchment, modelled as two wetland in MUSIC (Eg. S1, S2, S5).

A sensitivity test has been included in Section 6.4 of the SQMP with the catchments split for WSUD S1, S2 and S5. Each of the sediment basins and wetlands were split as per the table outlined in Section 6.4. The results confirm the stormwater quality objectives are achieved using the split modelling approach (i.e. the split catchment results confirm the performance of the unsplit modelling method).

Yours Sincerely

Shaun Leinster (RPEQ #15637)

DesignFlow