

Comments Dated November 22, 2021

Updated Hydraulic Analysis Report Dated Feb 15, 2022

**Hydraulic Assessment**

#	Comment	Resolution
1	Please confirm that the available fire flows were modelled during the maximum day demand scenario.	Confirmed, fire flow modelling was completed under MDD conditions. This has been specified in Section 4.1 text.
2	Please confirm if backflow prevention devices were included in the model at the two connections to the municipal watermain.	Confirmed, the connections to the municipal watermains were modelled as check valves. This is specified in text in Section 3.3.
3	Please provide a figure showing junction, pipe and hydrant labels.	Figure 4-1 added.
4	The fire flow results table in Appendix B appears to be missing the municipal watermains/hydrants.	Fire flow results for municipal hydrants HB25H019, HB29H005, HB25H006, HB28H027 have been provided in Appendix B.
5	Please include within the modelling and results the available fire flow at the nodes on Kinds Street East and Lawrence Road where the new water services will be connected to.	Fire flow results for the Lawrence and King Street connection points have been added to Table 4-2 and Appendix B
6	It is assumed that the 12-storey buildings will be sprinklered, please confirm	Yes, it is stated in the Lanhack FSR that the buildings will be sprinklered. This has been specified in Section 2.3.