Title: Council feedback Minute 12 - Flood Modelling Rerun

Regarding: RFI from Council - applicants flood model rerun

Healthy Waters and Council specialists have undertaken a review of the updated flood modelling and still have various concerns with the data provided, noting that there are inconsistencies with the modelling and plans, plus uncertainty remains in regards to the extent of flooding.

In particular, concerns remain with blockage risk of the SH1 culvert and together with the depth of flooding across the development and the flood related hazards this presents. It appears that there are still various inconsistencies in the modelling data that needs to be worked through by the Applicant's team (as outlined in the attached table and summarised below):

- FR01 - Blockage risk of SH1 culvert and subsequent potential ponding depth
- FR04 - Issue with representation of pre-developed catchment in the model noting this will not likely result in significant peak flow differences
- FR11 - Concern with depth of flood water in some areas both along roads and within privates lots (OLFP ponding areas). Recommendations provided to manage concerns
- FR12 - In some areas, roads shown with greater than H2 level of hazard. ADR hazard assessment requested as well as specific management in these areas
- FR13 - Disagreement with roughness used in the modelling
- FR14 - Inconsistencies with culvert sizes between model and design drawings
- FR15 - Differences in TC between model and GeoMaps OLFP data
- FR16 - Model data inconsistencies

Council's streamworks specialist has also flagged that they are unable to determine how the updated flood modelling has given specific clarification on how wetlands will be affected by the proposed culverts, and that potential erosion of the stream network remains unresolved.

Council's parks specialist has reiterated that the Council will not pay for portions of land subject to the 1 in 100 year flooding.

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Source: Portal

Application: Delmore

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