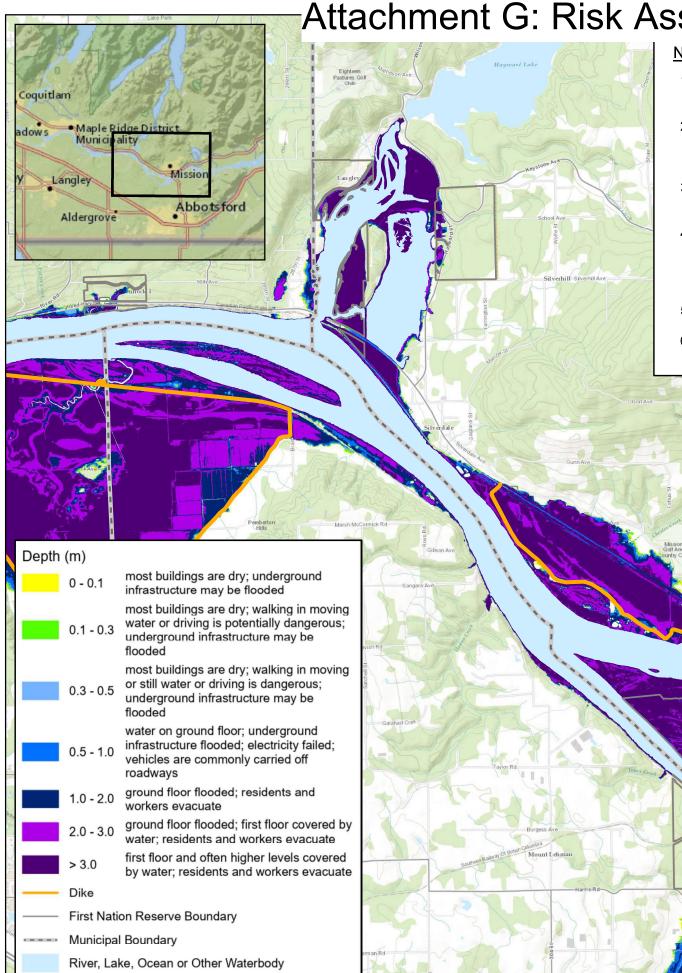
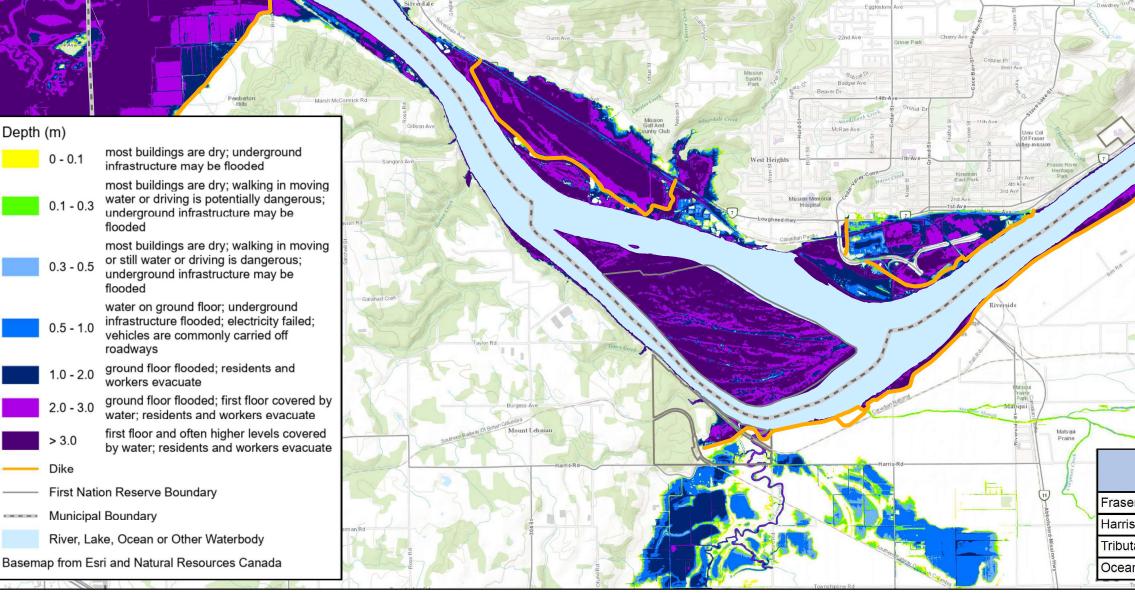
## Attachment G: Risk Assessment - Maximum Flood Depths

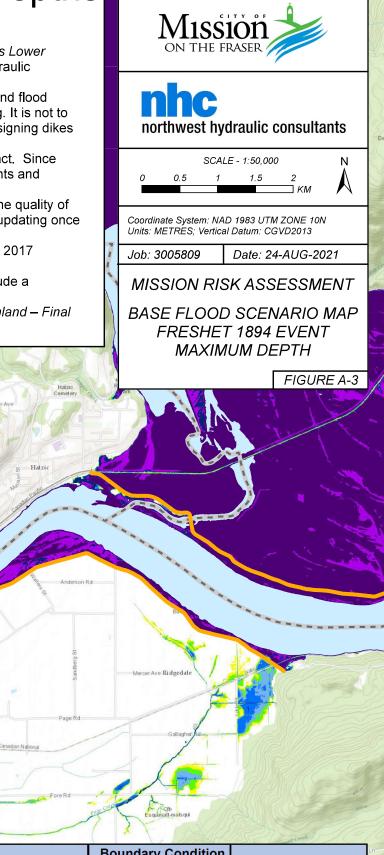


## Notes

- 1. For important limitations, please see Hydraulic Modelling and Mapping in BC's Lower Mainland – Final Report prepared for Fraser Basin Council by Northwest Hydraulic Consultants Ltd. (2019).
- This map is for information only and intended for flood scenario comparison and flood 2. mitigation planning. The map may also be informative for emergency planning. It is not to be used for designating floodplains, establishing flood construction levels, designing dikes or other structures.
- In cases where dike crests overtop, it is assumed that these dikes remain intact. Since 3 most dikes would likely fail under such circumstances, actual inundation extents and depths may significantly exceed those shown.
- Dike crest elevations are based on a combination of survey data and Lidar. The quality of 4 the data varies and the hydraulic model and associated mapping will require updating once more accurate dike crest information becomes available.
  - The Digital Elevation Model was based on 2016 Lidar acquired by EMBC and 2017 bathymetric survey data acquired by FBC for this project.
- Flood depths are based on a severe climate change scenario and do not include a 5. freeboard allowance.
- NHC's Disclaimer, see Hydraulic Modelling and Mapping in BC's Lower Mainland Final 6. Report (2019), also applies to this map.







EP/Event
Freshet Event
Freshet Event
Freshet Event
% Summer