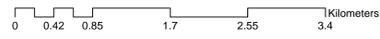


HAZARD LANDS FLOODING

Schedule 'D' – Electoral Area "A" Official Community Plan Bylaw No. 2905, 2021.



This is Schedule 'D' (Hazard Lands - Flooding) as referenced in the Regional District of Okanagan-Similkameen's Electoral Area "A" Official Community Plan Bylaw No. 2905, 2021.

Chair _____ Chief Administrative Officer _____

Electoral Boundary

Flood Hazard Area

NOTES:

1. The flood hazard area indicated on this map shows the extents of the 'Lake Shoreline Flood Construction Zone' and the 'River Flood Construction Level Zone' in the OSWB's 'Okanagan Mainstem Floodplain Mapping Project Report' (NHC, 2020).
2. Okanagan Flood Modeling Data as shown was created in April 2020 by NHC for the Okanagan Basin Water Board. See the 'Okanagan Mainstem Floodplain Mapping' report (31 March 2020).
3. The design flood event is '200-YEAR MID-CENTURY' and varies by lake.
4. Flood extents data considers mid-century climate change impacts and may include wind setup, wave effects, and freeboard (0.6m).
5. The accuracy of simulated flood levels is limited by the reliability and extent of water level, flow, and climatic data. The accuracy of the floodplain extents is limited by the accuracy of the design flood flow, the hydraulic model, and the digital surface representation of local topography. Localized areas above or below the mapped inundation may be generalized. Therefore, floodplain maps should be considered an administrative tool that indicates flood elevations and floodplain boundaries for a designated flood. A qualified professional is to be consulted for site-specific engineering analysis.

