



**Okanagan Basin**  
WATER BOARD

**nhc**  
northwest hydraulic consultants

30 Gostick Place  
North Vancouver, B.C. V7M 3G3  
Canada  
Office: 604.980.6011  
Fax: 604.980.9264  
www.nhweb.com

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➡ FLOW DIRECTION

- SPOT ELEVATION  
labelled with elevation in metres (CGVD2013)
- MINOR CONTOUR AT 1 M INTERVAL
- MAJOR CONTOUR AT 5 M OR 20 M INTERVAL  
labelled with elevation in metres (CGVD2013)
- - - DIKE
- ✚ RAILWAY LINE
- ▭ FIRST NATION RESERVE BOUNDARY
- ▭ MUNICIPAL BOUNDARY
- ▭ REGIONAL DISTRICT BOUNDARY
- STUDY LIMIT

REFER TO NOTES ON INDEX MAP

<div><div></div><div></div></div> <div>FLOOD CONSTRUCTION LEVEL (FCL) RIVER ISOLINE <i>Rivers - labelled with FCL in metres CGVD2013 (FCL in CGVD28)</i></div>	<div><div></div><div></div></div> <div>FLOOD CONSTRUCTION LEVEL (FCL) LAKE ZONE <i>Lake - labelled with FCL in metres CGVD2013 (FCL in CGVD28)</i></div>	<div><div></div><div></div></div> <div>FLOOD CONSTRUCTION LEVEL (FCL) SHORELINE ZONE <i>Lake - labelled with FCL in metres CGVD2013 (FCL in CGVD28)</i></div>
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DESIGN FLOOD

- OKANAGAN RIVER REACHES: 200-YEAR MID-CENTURY<sup>a</sup>
- OKANAGAN LAKE: 2017 MID-CENTURY<sup>b</sup>
- WOOD AND KALAMAILKA LAKES: 2017 MID-CENTURY<sup>b</sup>
- ELLISON LAKE: 200-YEAR MID-CENTURY
- SKAHA LAKE: 200-YEAR MID-CENTURY
- VASELUX LAKE: 200-YEAR MID-CENTURY
- OSOYOOS LAKE: 200-YEAR MID-CENTURY
- FREEBOARD = 0.6 METRES

Footnote:  
<sup>a</sup> "Mid-century" refers to an increase for climate change, projected to occur in 2055.  
<sup>b</sup> The 2017 flood is the flood-of-record at Okanagan, Wood, and Kalamailka lakes, and is used as the design flood at these locations because it is larger than a 200-year event.

**OKANAGAN MAINSTEM  
FLOOD MAPPING  
FLOODPLAIN MAPS**

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SCALE - 1:5,000

0 100 200 300 M

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Engineer	GIS	Reviewer
VCCB	MSN/MAO/SWM	DPM (rivers)/GFL (lakes)/PKK
Job Number	Date	
3004430 & 3006034	30-APR-2020, rev. 29-JAN-2021	

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