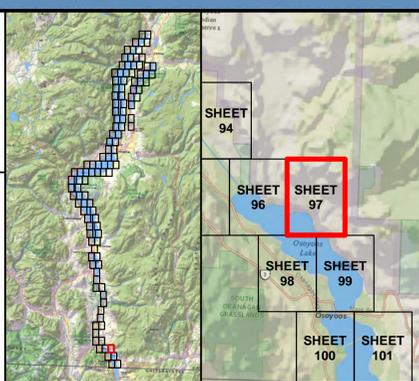




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- ➡ FLOW DIRECTION
- SPOT ELEVATION
labelled with elevation in metres (CGVD2013)
- MINOR CONTOUR AT 1 M INTERVAL
- MAJOR CONTOUR AT 5 M OR 20 M INTERVAL
labelled with elevation in metres (CGVD2013)
- - - DIKE
- RAILWAY LINE
- ▭ FIRST NATION RESERVE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

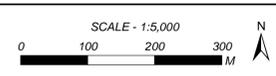
REFER TO NOTES ON INDEX MAP

- ▭ INUNDATION EXTENT - DESIGN WITH FREEBOARD (FCL)
- ▭ INUNDATION EXTENT - DESIGN WITHOUT FREEBOARD
- 123.4 (123.1) FLOOD CONSTRUCTION LEVEL (FCL) RIVER ISOLINE
Rivers - labelled with FCL in metres CGVD2013 (FCL in CGVD28)
- 123.4 (123.4) FLOOD CONSTRUCTION LEVEL (FCL) LAKE ZONE
Lake - labelled with FCL in metres CGVD2013 (FCL in CGVD28)
- 123.4 (123.4) FLOOD CONSTRUCTION LEVEL (FCL) SHORELINE ZONE
Lake - labelled with FCL in metres CGVD2013 (FCL in CGVD28)

DESIGN FLOOD
 - OKANAGAN RIVER REACHES: 200-YEAR MID-CENTURY^a
 - OKANAGAN LAKE: 2017 MID-CENTURY^b
 - WOOD AND KALAMALKA LAKES: 2017 MID-CENTURY^b
 - 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:
^a "Mid-century" refers to an increase for climate change, projected to occur in 2055.
^b The 2017 flood is the flood-of-record at Okanagan, Wood, and Kalamalka 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**
SHEET 97 OF 116



Coordinate System: NAD 1983 CSRS UTM ZONE 11N
 Units: METRES; Vertical Datum: CGVD2013
 FCL values in both CGVD2013 and CGVD28 HTV2.0

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