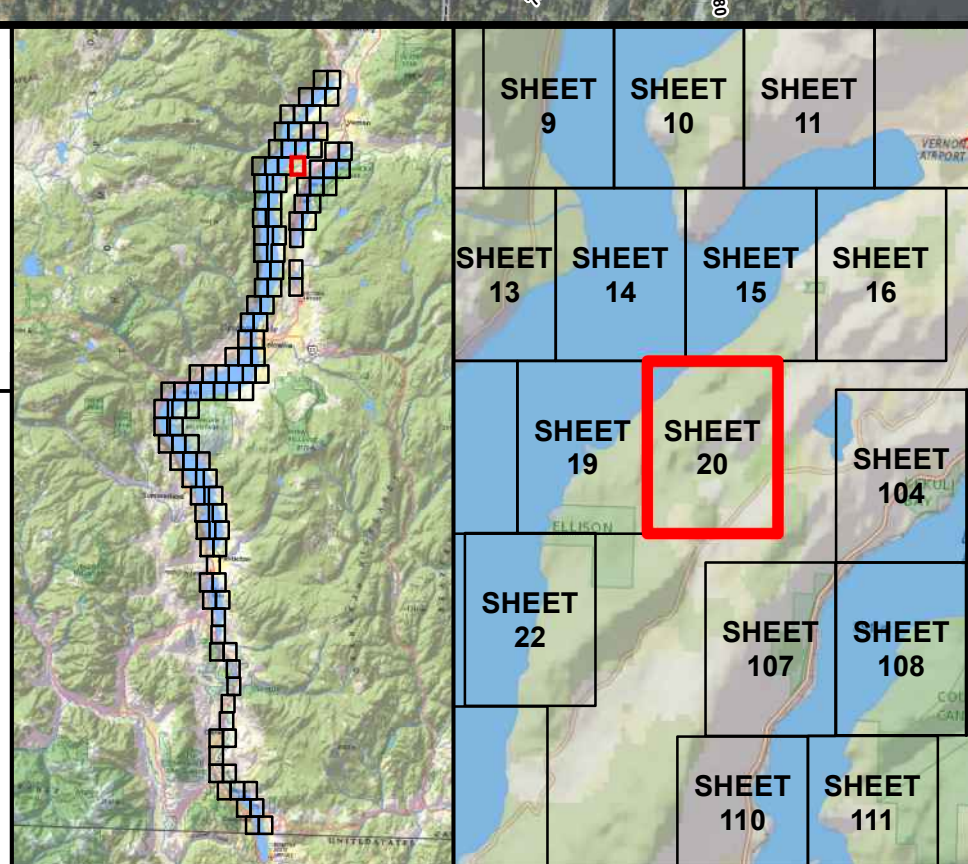




Okanagan Basin
WATER BOARD

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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 FLOOD CONSTRUCTION LEVEL (FCL) RIVER ISOLINE
(123.1) Rivers - labelled with FCL in metres CGVD2013 (FCL in CGVD28)
 - 123.4 FLOOD CONSTRUCTION LEVEL (FCL) LAKE ZONE
(123.4) Lake - labelled with FCL in metres CGVD2013 (FCL in CGVD28)
 - 123.4 FLOOD CONSTRUCTION LEVEL (FCL) SHORELINE ZONE
(123.4) 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 20 OF 116

SCALE - 1:5,000

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 MSNMAO/SWM | Reviewer DPM (rivers)/GFL (lakes)/PKK |
| Job Number 3004430 & 3006034 | Date 30-APR-2020 | rev. 29-JAN-2021 |