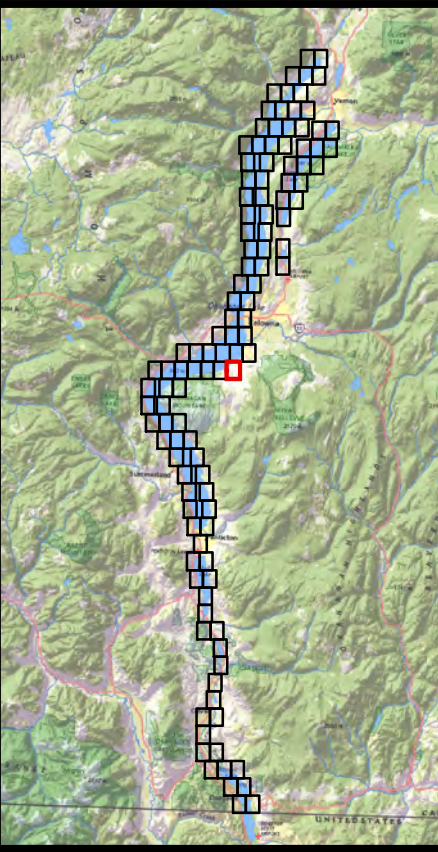



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SHEET 41SHEET 42SHEET 43


SHEET 47SHEET 48


SHEET 54SHEET 55


 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 KALAMAILKA 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 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

SHEET 55 OF 116

SCALE - 1:5,000

0 100 200 300 M



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