(297.1) 297.4
296.8 (296.5)
296.7 (296.4)
296.7 (296.4)
296.6 (296.3)
296.5 (296.2)
296.4 (296.1)
296.3 (296.0)
296.2 (295.9)
296.1 (295.8)
296.0 (295.7)
295.1 (294.8)
295.0 (294.7)
294.9 (294.6)
294.8 (294.5)
294.7 (294.4)
294.6 (294.3)
293.7 (293.4)
293.6 (293.3)
293.5 (293.2)
293.4 (293.1)
293.3 (293.0)
293.2 (292.9)
293.1 (292.8)
292.4 (292.1)
292.3 (292.0)
292.2 (291.9)
292.1 (291.8)
292.0 (291.7)
291.9 (291.6)

Wolfcub Creek

OLIVER

Okanagan River

REGIONAL DISTRICT OF OKANAGAN-SIMILKAMEEN

OSOYOOS 1

HWY 97

295.4

292.5

291.1

Fairview

Osoyoos Indian Reserve 1

SHEET 88
SHEET 89
SHEET 90
SHEET 91
SHEET 92
SHEET 93
SHEET 94

- 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
- VASEUX 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 Basin WATER BOARD

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# OKANAGAN MAINSTEM FLOOD MAPPING

## FLOODPLAIN MAPS

SHEET 91 OF 116

SCALE - 1:5,000
0 100 200 300 M
N

*Coordinate System: NAD 1983 CSRS UTM ZONE 11N*
*Units: METRES; Vertical Datum: CGVD2013*
*FCL values in both CGVD2013 and CGVD28 HTv2.0*

| 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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