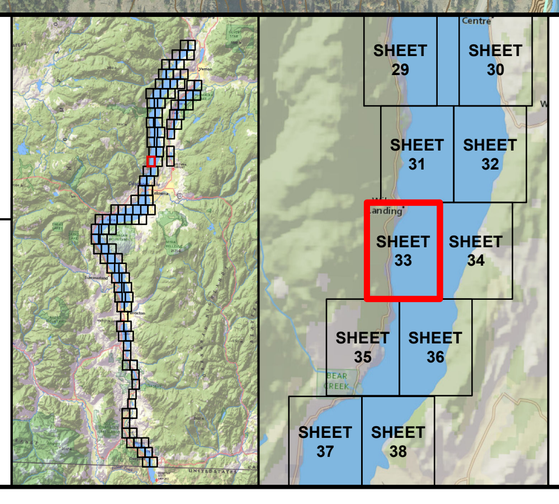
347.3
344.6
Jennie Creek
347.3
Okanagan Lake
REGIONAL DISTRICT
OF CENTRAL OKANAGAN
347.3
347.3


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.nhcweb.com


- FLOW DIRECTION
- SPOT ELEVATION *labelled with elevation in metres*
- MINOR CONTOUR AT 1 M INTERVAL
- MAJOR CONTOUR AT 5 M OR 20 M INTERVAL *labelled with elevation in metres*
- 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 *Rivers - labelled with FCL in metres*
- 123.4 FLOOD CONSTRUCTION LEVEL (FCL) LAKE ZONE *Lake - labelled with FCL in metres*
- 123.4 FLOOD CONSTRUCTION LEVEL (FCL) SHORELINE ZONE *Lake - labelled with FCL in metres*

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 MAINSTEM FLOOD MAPPING

## FLOODPLAIN MAPS

SHEET 33 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*

| Engineer | GIS | Reviewer |
|---|---|---|
| VCCB | MSN/MAO/SWM | DPM (rivers)/GFL (lakes)/PKK |

| Job Number | Date |
|---|---|
| 3004430 | 30-APR-2020 |


\\nhcnfile-svm\Projects\Active\3004430 Okanagan Flood Maps\05 GIS\3004430_Map_FloodMaps.mxd