McCall Creek

347.3
(347.0)

344.6
(344.3)

HWY 97

Okanagan Lake

PEACHLAND

REGIONAL DISTRICT
OF CENTRAL OKANAGAN

Peachland Creek

347.3
(347.0)

344.6
(344.3)

Okanagan Basin
WATER BOARD

nhc
northwest hydraulic consultants
30 Gostick Place
North Vancouver, B.C. V7M 3G3
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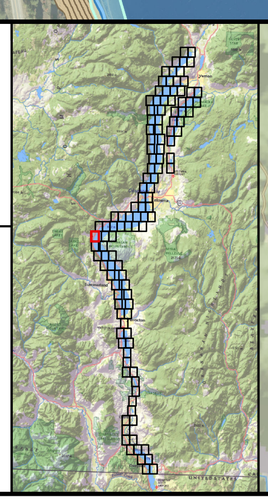

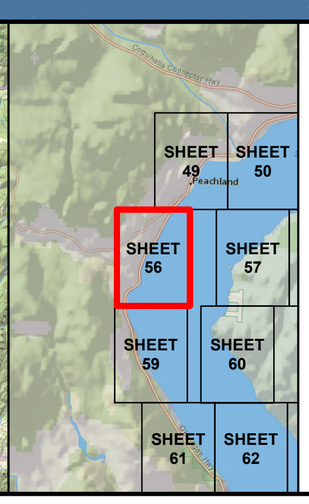

- FLOW DIRECTION
- SPOT ELEVATION
  labelled with elevation in metres (CGVD2013)
- MINOR CONTOUR AT 1 M INTERVAL
- MAJOR CONTOUR AT 5 M OR 20 M INTERVAL
  labelled with elevation in metres (CGVD2013)
- DIKE
- RAILWAY LINE
- FIRST NATION RESERVE BOUNDARY
- MUNICIPAL BOUNDARY
- REGIONAL DISTRICT BOUNDARY
- 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
- 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 56 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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