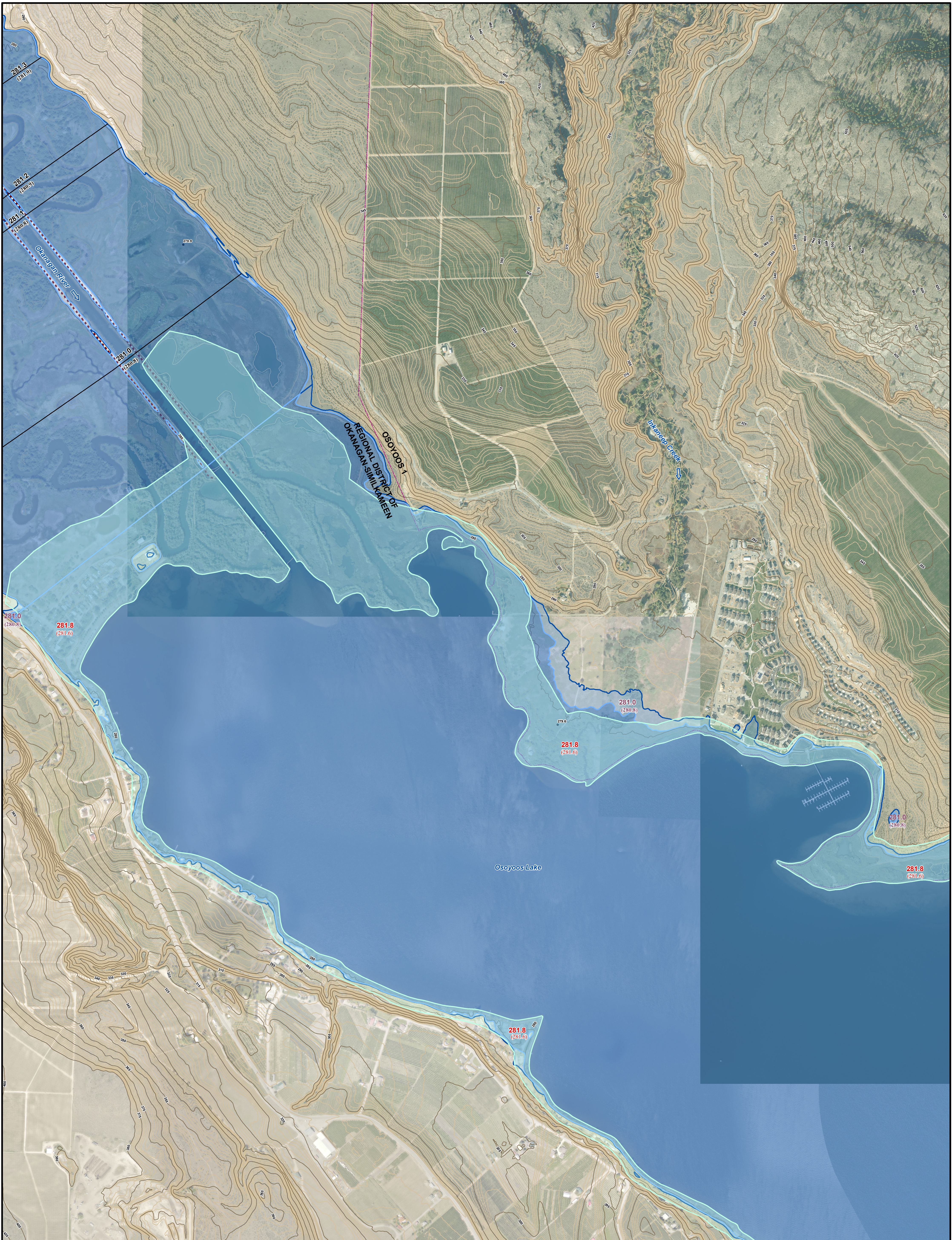
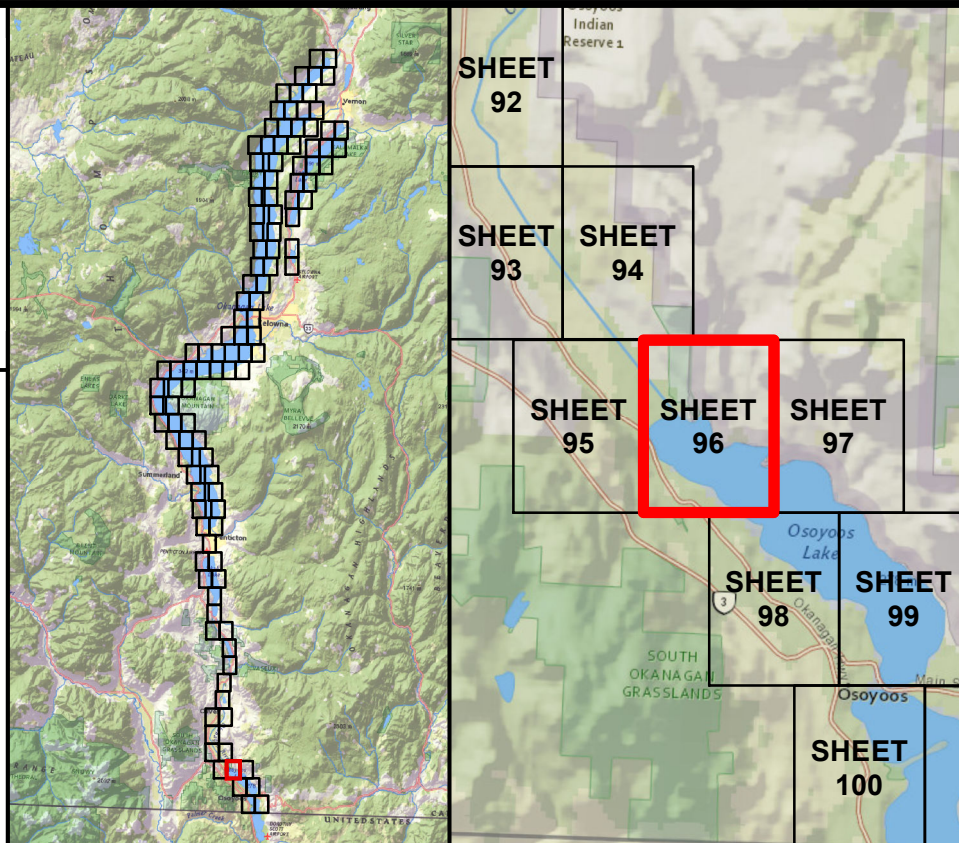
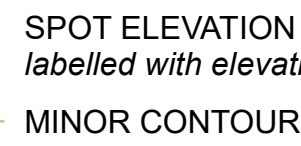




nhc
northwest hydraulic consultants

30 Gostick Place
North Vancouver, B.C. V7M 3G3
Canada
Office: 604.980.6011
Fax: 604.980.9264
www.nhcweb.com



- 
- Legend for map symbols:
- 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
<i>Rivers - labelled with FCL in metres CGVD2013 (FCL in CGVD28)</i> |
| 123.4
(123.4) | FLOOD CONSTRUCTION LEVEL (FCL) LAKE ZONE
<i>Lake - labelled with FCL in metres CGVD2013 (FCL in CGVD28)</i> |
| 123.4
(123.4) | FLOOD CONSTRUCTION LEVEL (FCL) SHORELINE ZONE
<i>Lake - labelled with FCL in metres CGVD2013 (FCL in CGVD28)</i> |

DESIGN FLOOD

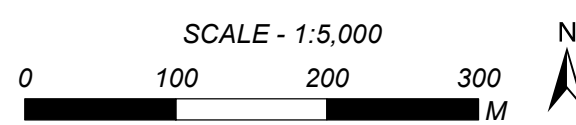
- OKANAGAN RIVER REACHES: 200-YEAR MID-CENTURY^a
 - OKANAGAN LAKE: 2017 MID-CENTURY^b
 - WOOD AND KALAMALKA LAKES: 2017 MID-CENTURY^b
 - ELLISON LAKE: 200-YEAR MID-CENTURY
 - SKAHA LAKE: 200-YEAR MID-CENTURY
 - VASEUX LAKE: 200-YEAR MID-CENTURY
 - OSOYOOS LAKE: 200-YEAR MID-CENTURY
- FREEBOARD = 0.6 METRES

Footnote:

^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 96 OF 116



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

<i>Engineer</i> VCCB	<i>GIS</i> MSN/MAO/SWM	<i>Reviewer</i> DPM (rivers)/GFL (lakes)/PKF
-------------------------	---------------------------	---

Job Number 3004430 & 3006034	Date 30-APR-2020, rev. 29-JAN-2021
---------------------------------	---------------------------------------