NOTE:

This information is considered historical as it represents channel conditions and configuration at the time of the survey only. User must accept responsibility of ensuring that the accuracy and completeness of provided data is suitable for the needs of the project or study. It is provided "as is" without warranty of any kind, whether express or implied. Under no circumstances will the Government of British Columbia be liable to any person or business entity for any direct, indirect, special, incidental, consequential, or other damages based on any use of this information.

SOOKE RIVER HIGH WATER MARK LOCATIONS

NOVEMBER 1990

Enclosed herewith are photographs of twenty-five high water mark locations observed on the Sooke River following the flooding of November 11(?), 1990. These observations were made by Steve Corner and Brian Board on December 12, 1990 and February 27 & March 7, 1991. Locations of these HWM's are shown on two base map prints of Project 79-087T-C at the back of the folder. Suggested locations for most cross sections are also shown on these prints. Prints of the floodplain mapsheet layout should be available from the Special Projects Section by mid-August, 1991.

HWM'S IDENTIFIED AND MARKED BY FLOOD HAZARD IDENTIFICATION SECTION (SPECIAL PROJECTS) ON DEC. 12 1990 AND FEB. 27/MAR. 7 1991

HWM'S LEVELLED TO GEODETIC ELEVATION BY WATER SURVEYS UNIT STAFF IN APRIL 1992 UNDER PROJECT 9207F013

LOCATIONS OF HWM'S ARE SHOWN ON DWG. NOS. 93-6-1 AND 93-6-2

NOTE HWM'S 1, 2, 3 ARE IMMEDIATELY UPSTREAM OF MAPPING ON RIGHT BANK

HWM 7 IS UPSTREAM OF MAPPING ON LEFT BANK IN SOOKE POTHOLES PARKING LOT

Sooke River High Water Marks

Listing of HWMs refers to those levelled at time of survey.
HWMs were established by Flood Hazard Identification Section staff and are described in the accompanying data volume, except where noted below.

1. **Elevation=15.38 (located upstream of mapping)**

2. **Elevation=14.56 (located upstream of mapping)**

3. **Elevation=14.60 (located upstream of mapping)**

4. **Elevation=14.05**

5. **Elevation=12.32**

6. **Elevation=8.31**

7. **Elevation=15.89 (located upstream of mapping)**

8. **Elevation=14.43**

9. **Elevation=14.02**

10. **Elevation=13.01**

11. **Elevation=11.34**

12. **Elevation=10.21**

13. **Elevation=7.76**

14a Elevation=5.32 (top of 1m. boulder, located just inside treeline, approximately 15 metres upstream [southwest] HWM 14.)

15. **Elevation=3.68**

16. **Elevation=2.18**

23 **IP. Elevation=5.42 (iron pin @ travspike 43, located mid-xs 13/14 rightbank.)**

24 **HWM XS 12. Elevation=4.87 (Located on top of fencepost nearest section line. Main floor of house elev.=9.22.)**

20. Elevation=5.42

20b Elevation=5.63 (stake put in by John Martin, located approximately 15 metres downstream [southeast] HWM 20.)

21a Elevation=6.33 (stake put in by John Martin, located on slope approximately 30 metres towards residence [southeasterly] of HWM 21.)

HWM 1

ELEV.= 15.38



Small nail in siding directly below bathroom window at rear of last house upstream end of Philip Road. (Opposite potholes parking lot, beyond range of mapping.) U/S R/B

HWM 2

ELEV.= 14.56



Spike in tree indicated by Tom in photo, at the point where Philip Road ends by private properties u/s r/b and near a chain across an access to a d/s property. (Upstream beyond mapping.)

HWM 3

ELEV.= 14.60



Small nail in SW corner of the only cabin visible from and d/s of HWM 2 on r/b. (Beyond upstream range of mapping.)

HWM 4

ELEV.= 14.05



Flagged spike in tree near top bank in front of the "Lands" cabin on Philip Road.

HWM 5

ELEV.= 12.32



Top of painted stake located east of the most easterly corner of the residence of Chris McRae, Philip Road.

HWM 6

ELEV.= 8.31



Flagged spike in a tree in and near the southerly end of a fenceline on a bench at the east side of a pasture on the r/b Sooke River on the property of David Parsons, 2727 Philip Road.

HWM 7

ELEV.= 15.89



Top of pavement shoulder opposite "No Parking" sign on tree east side Sooke Potholes parking lot.

HWM 7A



HWM is level indicated by Nichols on cedar tree on west side of Sooke Potholes parking lot. (No reference mark placed on tree; only a confirmation of HWM 7.)

HWM 7B



HWM is level as indicated by Nichols on clump of trees, west side of Sooke Potholes parking lot. (Same as 7A.)

HWM 8

ELEV.= 14.43



Flagged nail in base of fir tree 3 to 4 metres west of WSC gauge house on 1/b Sooke River.

HWM 9

ELEV.= 14.02



Red pencil mark 1" above finishing nail on east side window screen (top of notebook in photo) at Margaret Wojtala residence, 3130 Sooke River Rd.

HWM 10

ELEV.= 13.01



Highest point of "rat disk" on fruit tree to right side of photo at residence of S. Barron, 3070 Sooke River Road.

HWM 11

ELEV.=11.34



Flagged spike in fir tree near new house u/s of Patterson residence at 2960 Sooke River Road.

HWM 12

ELEV.= 10.21



Top of concrete curbing at residence of Ernie & Mia VanBeers located at 2882 Sooke River Road.

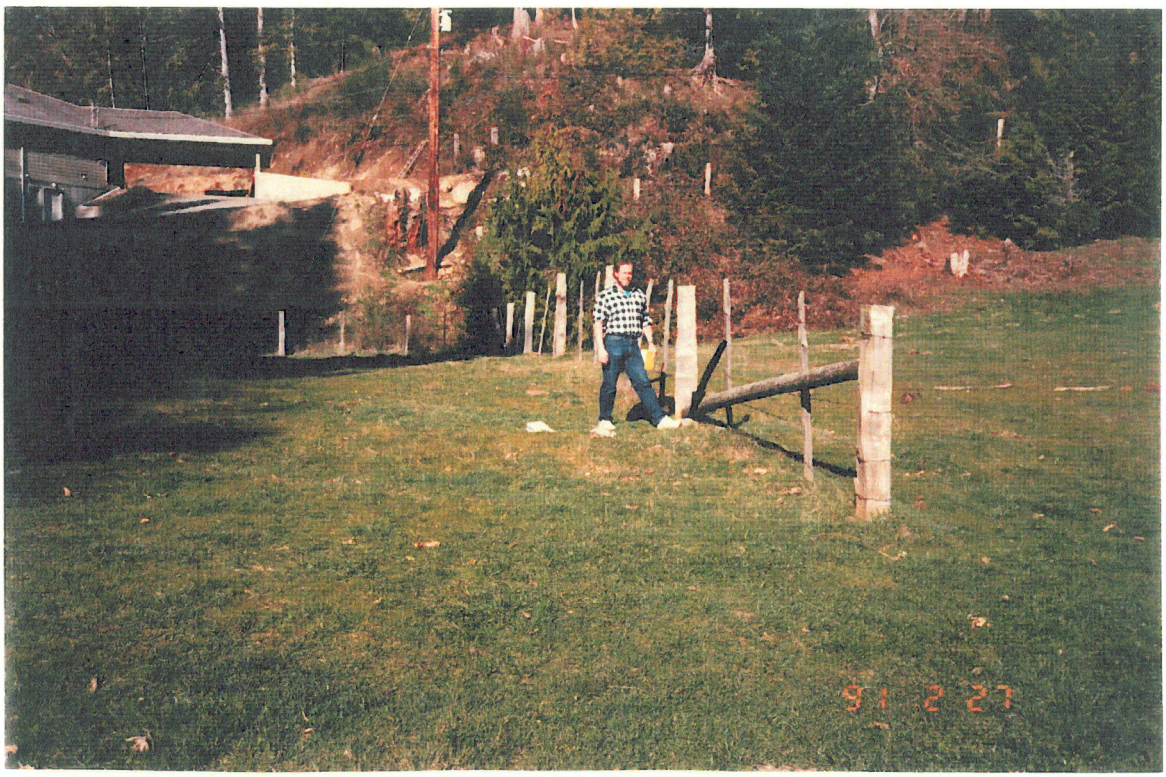
HWM 13

ELEV.= 7.76



Flagged spike on shoulder of access road to lower bench at "Jakalynor" campground & Axe Museum, 2792 Sooke River Road.

HWM 14



Top of support block under diagonal cross brace of the second fencepost north of opening in fence south of the residence of John Martin, 2548 Sooke River Road. (He knows location of 100 year old HWM.)

HWM 15

ELEV.= 3.68



Trash on wire fence by tree at u/s point of pasture accessed from path & road from Misty Haven Kennel at 6220 Calvert Road (off Sooke River Road).

HWM 16

ELEV.= 2.18



Trash at top horizontal fence rail south of residence at 6290 Soul Road (off Sooke River Road).

~~2548 Sooke River Road. (He knows location of 100 year old HWM.)~~

HWM 17



Trash on fence on l/b Sooke River west of HWM 16 and residence at 6290 Soul Road.

HWM 18

ELEV.= 1.62



Trash line on r/b in south portion of Sooke Community Park (indicated in photo by placement of white plastic bottle by Nichols).

HWM 19



Level indicated by Nichols in field on r/b bench below a pasture on Philip Road. Access via a metal gate approximately 600 m north of Sooke Community Park where Philip Road bends west.

HWM 20

ELEV.= 5.42



Level indicated by Nichols on a small tree below cabin on point west of John Martin residence at 2548 Sooke River Road. Tree is southwest of cabin.

HWM 20A



Level indicated by Nichols and by both green and white vegetation on r/b Sooke River opposite HWM 20.

HWM 21



Flagged tree on l/b north of Martin residence at 2548 Sooke River Road. Level indicated by Nichols, not flagging. (Flagged by Martin?)

HWM 22



Level indicated by Nichols on old fallen tree stump southwest of John Martin residence at 2548 Sooke River Road.



For reference only. NO HWM! Note log on lower bench below house on right bank opposite Martin residence at 2548 Sooke River Road.