WATER RESOURCES BRANCH-WATER SURVEY OF CANADA

DESCRIPTION OF STATION

Station Number 08NL023

Station Name OTTER CREEK AT TULAMEEN

Prov. B.C.

Latitude 49 ° 32 ' 44 " Longitude 120 ° 45 ' 12 "

Map Number 92 H/10 W Scale 1-50000

Established 19 APRIL 29/47 By C.B.CORBOULD

Reestablished 19 By

Relocated 19 By

(m or km) (upstream,downstream) from former location GAUGE SET TO DIFFERENT DATUM ON NEW BRIDGE AT SAME LOCATION (FEB 1972)

Location of station with respect to towns,bridges,highways,railroads,tributaries,islands,falls,dams, etc.

ON SOUTH EAST EDGE OF TULAMEEN ON LOCAL ACCESS BRIDGE 1/2 KILOMETRE ABOVE MOUTH

Description and location of the gauge.If chain gauge or wireweight,give length from end of weight to the first marker: ON L.B. BRIDGE ABUTMENT DOWN STREAM SIDE 0-3 METRE STAFF GAUGE. 3.5 METRE CULVERT PIPE WITH CALIFORNIA SHELTER AND A-35 RECORDER LOCATED ON R.B. BRIDGE ABUTMENT.

Description of the equipment from which measurements are made: LOW WATER - WADE JUST BELOW BRIDGE HIGH WATER - USE TRUCK MOUNTED BRIDGE CRANE USE 100 LB WEIGHT ABOVE G.H. 2.4 METRES

Location and description of initial point for soundings: NONE

Description of channel or other conditions affecting control and discharge and discharge measurement: STRAIGHT AND REASONABLY SMOOTH BEAVERS FREQUENTLY BUILD THEIR DAMS DOWN STREAM CAUSING THE GAUGE TO GO OUT BACK WATER

Number of channels at low and high water,approximate depth of water etc.: ONE CHANNEL ALL STAGES

Coefficient for 2/10 method:

Note any conditions affecting the natural flow such as storage and/or diversions: REGULATED BY DAM ON OTTER LAKE.

Crest-stage gauge description: NONE

Zero flow at G.H. : 0.050 METRES

Bench-marks:Describe fully,give year established or revised,elevation above zero of the gauge and above sea level or other datum, if possible :

BM5 - ELEV 2.768(83)METRES, ON R.B. BRIDGE ABUTMENT UPSTREAM SIDE HEAD OF NUT & BRIDGE BOLT.

BM7 - ELEV. 3.560 (83) METRES ON R.B. STANDARD BRASS CAP ON PIPE 15 METRES INSHORE AND 4.5 METRES DOWNSTREAM FROM BRIDGE

BM8- ELEV 2.884(83) SQUARE HEAD OF NUT & BOLT SET VERTICALLY IN BRIDGE TIMBER METRE DOWN STREAM FROM O

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GEODETIC ELEVATION GAUGE ZERO = 2544.890 FEET (775.685) METERS

LEVELED BM7 BY BC SURVEYS SECTION UNDER PROJECT 76RP01 IN MARCH 1977 REFERED TO WAS MON 204 GEODETIC ELEVATION 2558.287 FEET

GEODETIC ELEVATION BM 7 = 2556.578 FEET

Trace a map and show the relative location of the stations, towns, etc. Note map number used.

92 H/10 W

Prepared or Revised by:	Date	Ch'd
B. SKINNER	83 - 11 - 30	BS
	Y - M - D	

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SKETCH OF STATION LOCATION

N

TULAMEEN RIVER

ROAD TO UPPER TULAMEEN STATION

TULAMEEN

STATION

OTTER CREEK

OTTER LAKE

TO PRINCETON

Elevation of gauge zero: 0.000 m('72) assumed.

Add: m to convert to GSC datum. Referenced to: GSC.B.M. Elev: m ( )

SKETCH OF STATION

(Not to scale)

N

OTTER CREEK

GENERAL STORE

ROAD TO UPPER TULAMEEN STATION

BM5

BM7 + RECORDER

BM 8

STAFF

TO PRINCETON

NOTE:
This information is considered historical as it represents conditions at the time of survey. Data is supplied as a courtesy 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.