R 4CA
(V-69)

DEPARTMENT OF ENERGY, MINES AND RESOURCES
INLAND WATERS BRANCH-WATER SURVEY OF CANADA

DESCRIPTION OF STATION

Station Number 08LC038

Station Name MABEL LAKE

at the outlet Prov. B.C.

Latitude 50 ° 36 ' 10 " Longitude 118 ° 44 ' 18 "

Map Number 82 M/10 East Scale 1:50,000

Established May 13 19 70 By H. Schroder

Reestablished ____ 19 ____ By ____

Relocated ____ 19 ____ By ____

____(miles, yards) (upstream, downstream) from ____
former location ____

Location of station with respect to towns, bridges, highways, railroads, tributaries, islands, falls, dams, etc.
approximately twenty-five miles East of Enderby at the outlet of Mabel Lake

Description and location of the gauge. If chain gauge or wire weight, give length from end of weight to the first marker:
A-35 recorder in California type shelter, set to 2'-19' outside staff gauge

Description of the equipment from which measurements are made:
STAGE ONLY

Location and description of initial point for soundings:

Description of channel or other conditions affecting control and discharge and discharge measurement:

Number of channels at low and high water, approximate depth of water, etc.:

Note any conditions affecting the natural flow such as storage and/or diversions:

Crest-stage gauge description: 6" steel pipe fastened to tree some 150' northwest of gauge & recorder
Elev. 17.81 (?m)

Zero flow at G.H.:

Bench-marks: Describe fully, give year established, elevation above zero of the gauge and above sea level or other datum, if possible: BM 6 brass cap on 8" pipe 22' from end of wharf
Elev. 14.20 (?m) (destroyed)

BM 8 Head of log screw painted red set in pile 4'6" above wharf
Elev. 13.86 (?m)

BM 10 Log butt painted red set in piling at wharf
Elev. 9.52 (?m)

BM 12 Pipe BM located 6' west of the end of Government Wharf Elev. 14.19 (Oct 3, 1973)

Filed Book 2673 P. 60 & 64

08LC038

*ELEVATION OF GAUGE ZERO 391.877 METRES G.S.C.
AS DETERMINED BY BC WATER SURVEYS STAFF
DURING FLOOD PLAIN MAPPING SURVEY OF
SHUSWAP RIVER, BESSETTE AND DUTEAU CREEKS
UNDER PROJECT 9620F049 IN SEP/OCT 1996

Trace a map and show the relative location of the station, tributaries, towns, etc. Note map number used.
82 M/10 East

Prepared or Revised by	Date
A. Peart	Sept 26/74
K.H. DARKEN	DEC 13/74

SKETCH OF STATION LOCATION

Mabel Lake
gauge
Shuswap River
Enderby
N

NOT FOUND OCT 96

BM 14 Pipe BM. located 30 west of the end of Government Wharf. Elev. 14.18 (Oct 3, 1973)

Elevation of gauge zero: ____

SKETCH OF STATION
showing location of bench-marks, cableway, recorder, crest-gauge, caches, etc.

BM 6
BM 14
BM 12
BM 8
BM 10
N
float
float
wharf
gauge & recorder
Mabel Lake
Direction of flow

WATER SURVEY N.VAN 219 P02 APR 30 '96 11:58 6643966
WATER SURVEY N.VAN 219 P03 APR 30 '96 11:59 6643966