R 404
(V-69)

DEPARTMENT OF THE ENVIRONMENT
WATER RESOURCES BRANCH – WATER SURVEY OF CANADA

DESCRIPTION OF STATION

Station Number 08KE014

Station Name NAVER CREEK

At Hixon

Prov. B.C.

Latitude 53°26'35" N Longitude (22°35'20") W

Map Number 93 G/E Scale 1:50,000

Established April 12, 19 80 By R.W. Brayshaw

Reestablished ____ 19 ____ By ____

Relocated ____ 19 ____ By ____

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

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

On Highway 97 Bridge over Naver Creek at Hixon

Description and location of the gauge. If chain gauge or wire weight, give length from end of weight to the first marker.

Crest-stage gauge installed at bridge.

Measurements made from upstream side of highway bridge.

Description of the equipment from which measurements are made:

Measurements made from highway bridge using bucket cableway, pushing, hauling and wading methods.

Location and description of initial point for soundings:

Tagline

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

GRAVEL BOTTOM WITH BAR SHOWING 200 FEET DOWNSTREAM OF GAUGE DURING LOW 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:

Ice

Crest-stage gauge description:

CONCRETE COVERED ALL GAUGE.

CANFIELD

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: 13.74'

BM 1 ELEV. 1834 (BM) G.S.C (BM 71 T) PIPE FENT 100' SOUTH OF OLD HIGHWAY BRIDGE SITE ON EAST SIDE OF HIGHWAY.

21.83'

BM 2 ELEV. 2184 (74) S.E. CORNER OF CONCRETE BRIDGE ABUTMENT ON UPSTREAM SIDE ON LEFT BANK.

8.65'

BM 5 ELEV. 8.65 (79) BRASS PLUG IN NORTH SIDE OF RIGHT BANK PIER.

BM 3 & 4 DESTROYED.

9.13'

BM 6 ELEV. 9.13 (68) LAG BOLT & WASHER IN POWER POLE 40' S.S. FROM BRIDGE ON RIGHT BANK. (DESTROYED)

BM5 LEVELLED TO GEODETIC SURVEY OF CANADA BENCH MARK 82C292 BY BC ENVIRONMENT STAFF DURING RIVER SURVEY IN 1988 UNDER PROJECT 88RPP11

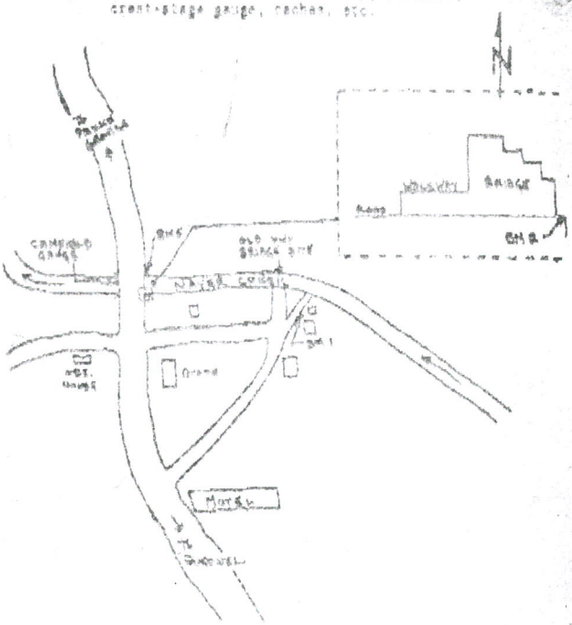
BM5 = 570.912 METRES G.S.C.

1854 FT G.S.C.

Elevation of gauge zero: SEE G.S.C BM 71 T ELEV. 1878.21 (64) PIPE POST 100' SOUTH OF OLD HIGHWAY BRIDGE, EAST SIDE OF HWY.

SKETCH OF STATION

showing location of bench-marks, cableway, recorder, crest-stage gauge, cachet, etc.

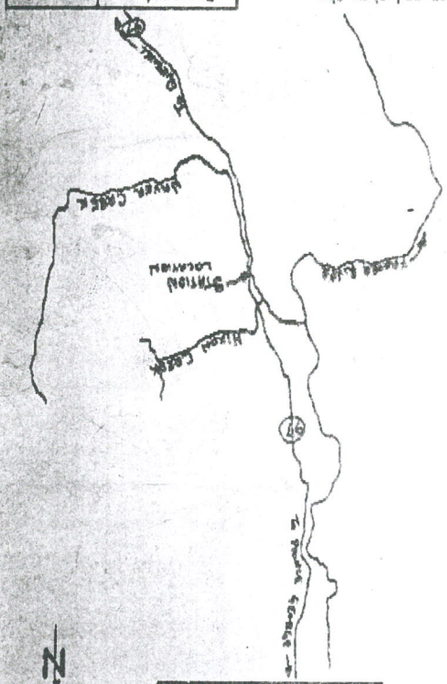


Trace a map and show the relative location of the station, tributaries, towns, etc. Note map number used.

93 G/E

Hixon

Prepared or Revised by	Date
T. Cockatt	July 1/88



SKETCH OF STATION LOCATION