DUNCAN RIVER near Howser

08NH001

DEPARTMENT OF RESOURCES AND DEVELOPMENT — HIGHWAYS AND WATER RESOURCES BRANCH

R-40A

WATER RESOURCES DIVISION

STATION No. 08NH1 Lat 50° 07' 09" Long 116° 56' 44"

DESCRIPTION OF RIVER STATION

On Duncan RIVER

at near Prov. B.C.

Re-Established: May 14, 19 74, by A.C. Whitehouse

Name of Observer H. Thomlinson P.O. Address Howser, B.C.

pay $ 12.00/mo distance ½ mile frequency of observation daily

Location of station with respect to towns, bridges, highways, railroads, tributaries, falls, dams, etc. At outlet of Duncan Lake. Gauge on Duncan Lake at Howser.

Description and location of the gauge. If chain gauge or wire weight, give length from end of weight to the first marker. 0-3, 3-6, 6-9 & 9-12 staff gauges on piles at B.C.F.S. boathouse.

Description of control, whether natural or artificial, and its effect on the flow. Bridge [illegible] Use 30 lb.

Location and description of the cross-section or reach of channel from which measurements are made. Handline from bridge at outlet of lake. Very slow section at low stages, [illegible] right over gauge height 4.5.

Location and description of initial point for soundings. Pad of downstream handrail at right bank. Saw cuts every 10 ft. 2 at 50, 3 at 100.

Channel above the station: straight [illegible] for about 500 feet, [illegible] sluggish, etc.

Channel below the station: straight [illegible] for about 500 feet, [illegible] sluggish, etc.

Right bank: high, rocky, [illegible] wooded, etc.

Left bank: [illegible] low, liable to overflow, [illegible] wooded, etc.

Bed of the stream: [illegible] gravel, sandy, clean, [illegible] stable.

Number of channels at low and high water, approximate depth of water, etc.
One channel; 14.0 ft. deepest at gauge height zero.

Note any condition which may affect the measurement, etc. Strong wind will affect measurement. Angle of current 0.985 all stages.

Bench-marks: Describe fully, give elevation above zero of the gauge and above sea-level or other datum, if possible; make sketch bringing out the principal features.

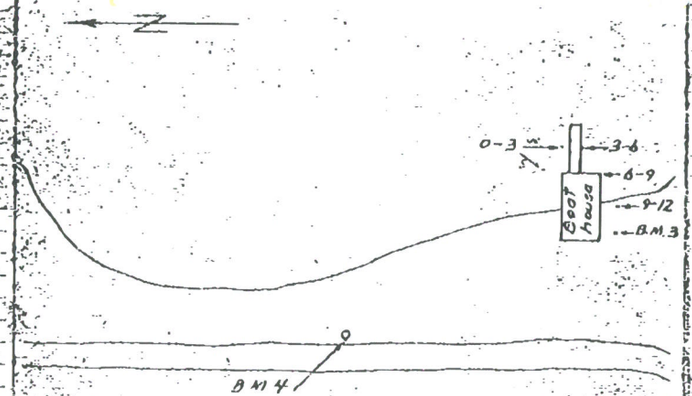
B.M. 1 Standard 2" pipe B.M. with D.W.&P.B. brass cap in bank below edge of road approx. 425 ft. north of boathouse. Elev. 1808.89 G.S. of C. Pub. 24,1951 Edition. Local Elev. 17.03. Destroyed

B.M. 3 Head of lag screw set vertically in notch at base of cottonwood 6 ft. east & 12 ft. south from S.W. corner of boathouse. Local Elev. 11.19.

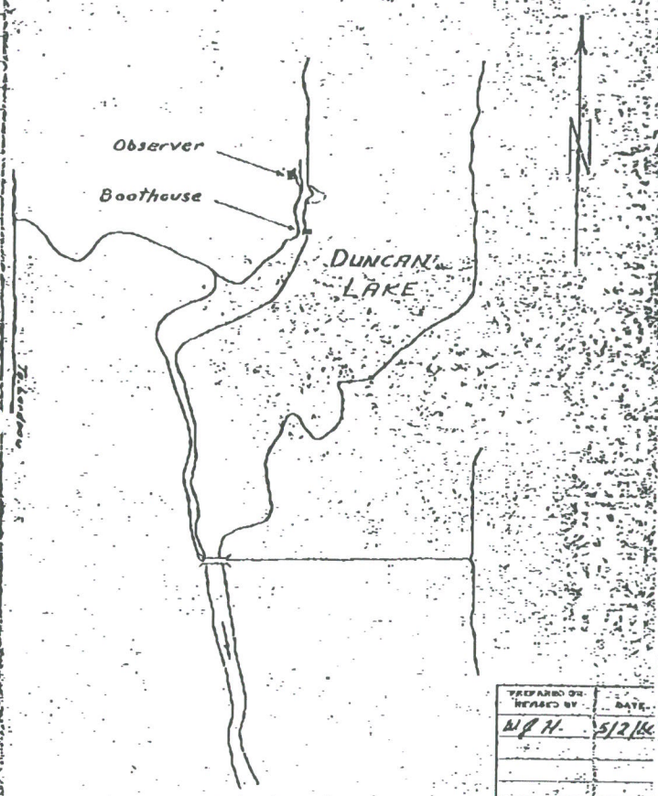
B.M. 4 Head of lag screw set horizontally in base of stump

Take sufficient soundings to develop a cross-section of stream bed and, by use of level, develop banks to above high-water mark. Refer all elevations to gauge datum.

SKETCH OF BENCH-MARK LOCATIONS
approx. 200 ft. north of boathouse & 5 ft. below edge of road. Local Elev. 17.66.



SKETCH OF STATION LOCATION



PREPARED OR REVISED BY	DATE
W.J.H.	5/2/74

Make a sketch showing the relative location of the station, gauge, bench-marks, tributaries, towns, etc.

1-604-666-3469 WATER SURVEY N. VAN 455 P04 SEP 12 '94 12:09