DEPARTMENT OF MINES AND RESOURCES - MINES, FORESTS AND SCIENTIFIC SERVICES BRANCH

R-40A

DOMINION WATER AND POWER BUREAU

Lat. 49°46'08", Long. 117°28'23"

STATION No. 8NJ 14

DESCRIPTION OF RIVER STATION

On Slocan {CREEK / RIVER}

at Slocan City near Prov. B.C.

Re-Established Nov. 6, 1944, by A.C. Whitehouse

Name of Observer P.O. Address Slocan City

pay $ 10/mo. distance frequency of observation Daily

Location of station with respect to towns, bridges, highways, railroads, tributaries, islands, falls, dams, etc. On an outside piling at C.P.R. wharf in Slocan Lake at Slocan City.

Description and location of the gauge. If chain gauge or wire weight, give length from end of weight to the first marker. 0-16 Staff gauge (in tens) on pile near shoreward end, lake side of wharf. Zero 1753.40 Pub. 24, 1951.

Description of the equipment from which measurements are made

Highway bridge across river ¼ mile below lake outlet and gauge - ~~xxxxxxxxxxxxxxxxxxxx~~. Wade 380 feet above bridge below gauge height 2.5

Location and description of initial point for soundings.

Center line at first pier from R.B. Saw cuts every 5 feet, notched at tens, two at 50, 150, three at 100, 200.

Channel above the station: straight or curved for about 500 feet, water swift, sluggish, etc.

Channel below the station: straight or curved for about 1000 feet, water swift, sluggish, etc.

Right bank: high, rocky, or low, liable to overflow, clean or wooded, etc.

Left bank: high, rocky, or low, liable to overflow, clean or wooded, etc.

...he stream: rocky, gravel, sandy, clean, or vegetation, shifting.

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

One 3.5 ft. max. depth at ga. ht. 1.0

Note any condition which may affect the measurement, etc.

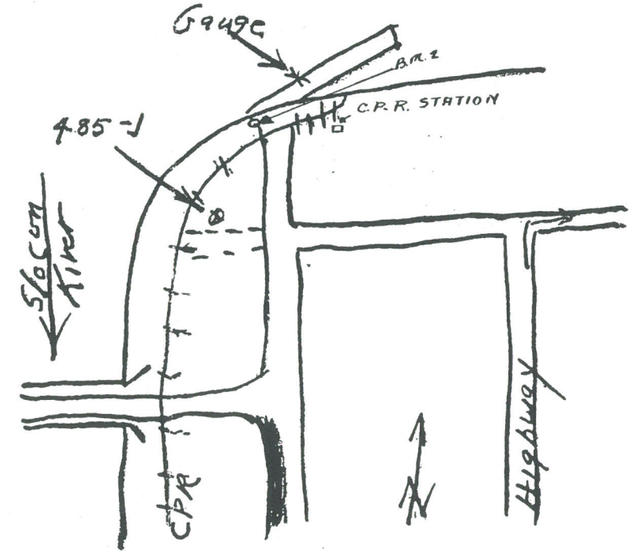
Channel split by bridge pier. Strong winds affect measurement. Variable angle of current at bridge.

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.

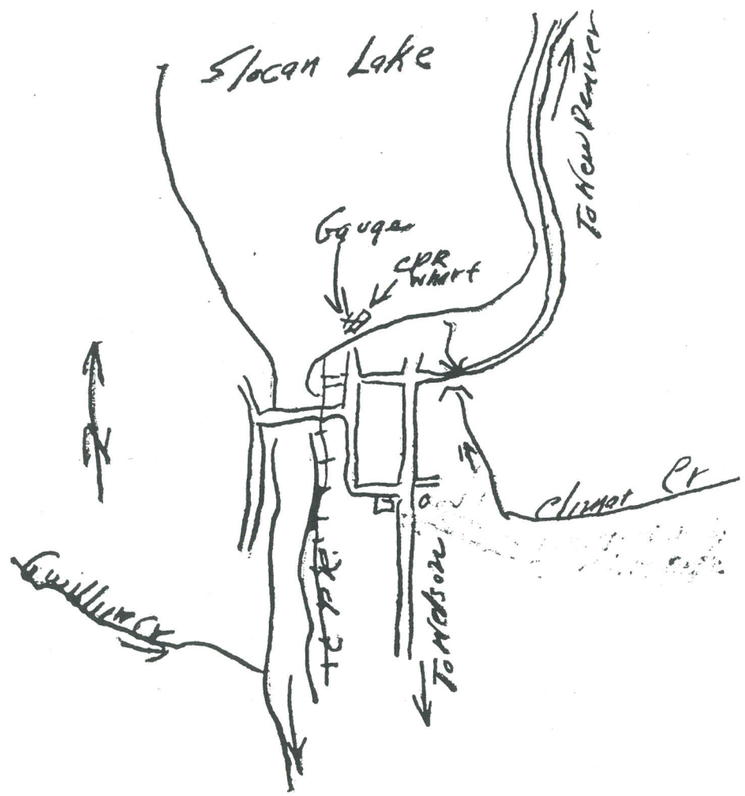
G.S. of C. 485J - brass tablet in concrete pier 47 feet east of track, 20 feet north of north line at Arthur St. (in a garden).
Elev. 1763.915 Pub. 24, 1951 Local 10.52
B.M.2 - Brass tablet in concrete pier 48' inshore & 62' downstream from gauge. Local Elev. 9.50
Zero of gauge 1753.40 GSC Pub. 24 (1951)
Zero of gauge 1753.30 GSC Pub. 24-A (1961)

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



SKETCH OF STATION LOCATION



PREPARED OR REVISED BY	DATE
FHB 3/	31/5

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

NOTE: THERE IS NO STATION DESCRIPTION FOR THE LAKE STATION AS THE DISCHARGES WERE COMPUTED FROM THE GAUGE LOCATED ON THE LAKE.