1m—8-11

DEPARTMENT OF THE INTERIOR

WATER POWER BRANCH

OTTAWA

DATE

By L.S.S.George.

DESCRIPTION OF RIVER STATION.

On the Similkameen River { Creek / River } above the International Boundary

near Keremeos post-office, Prov. British Columbia.

Established April 8, 1914, by E.M.Dann, assisted by

Name of observer Wm. Benzie, post-office address Keremeos. B.C.

pay, $ 7.50, occupation Ditch-rider distance, 3 miles time of daily observation, daily

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

The station is located at Ashnola bridge, seven miles above Keremeos, and about twenty five miles above the international boundary.

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

Gauge vertical staff with enamel facings 0- 12 feet nailed to downstream end of centre abutment of pier of highwayabridge at Ashnola.

Description of the equipment from which measurements are made.

Equipment is that used for ordinary bridge measurements. And from walk beside irrigation pipe line suspended under bridge. (This bridge replaced bridge at same site in 1929)

High water measurements are made from new traffic bridge one mile above Keremeos. a superior section at higher stages.

Location and description of initial point for sounding.

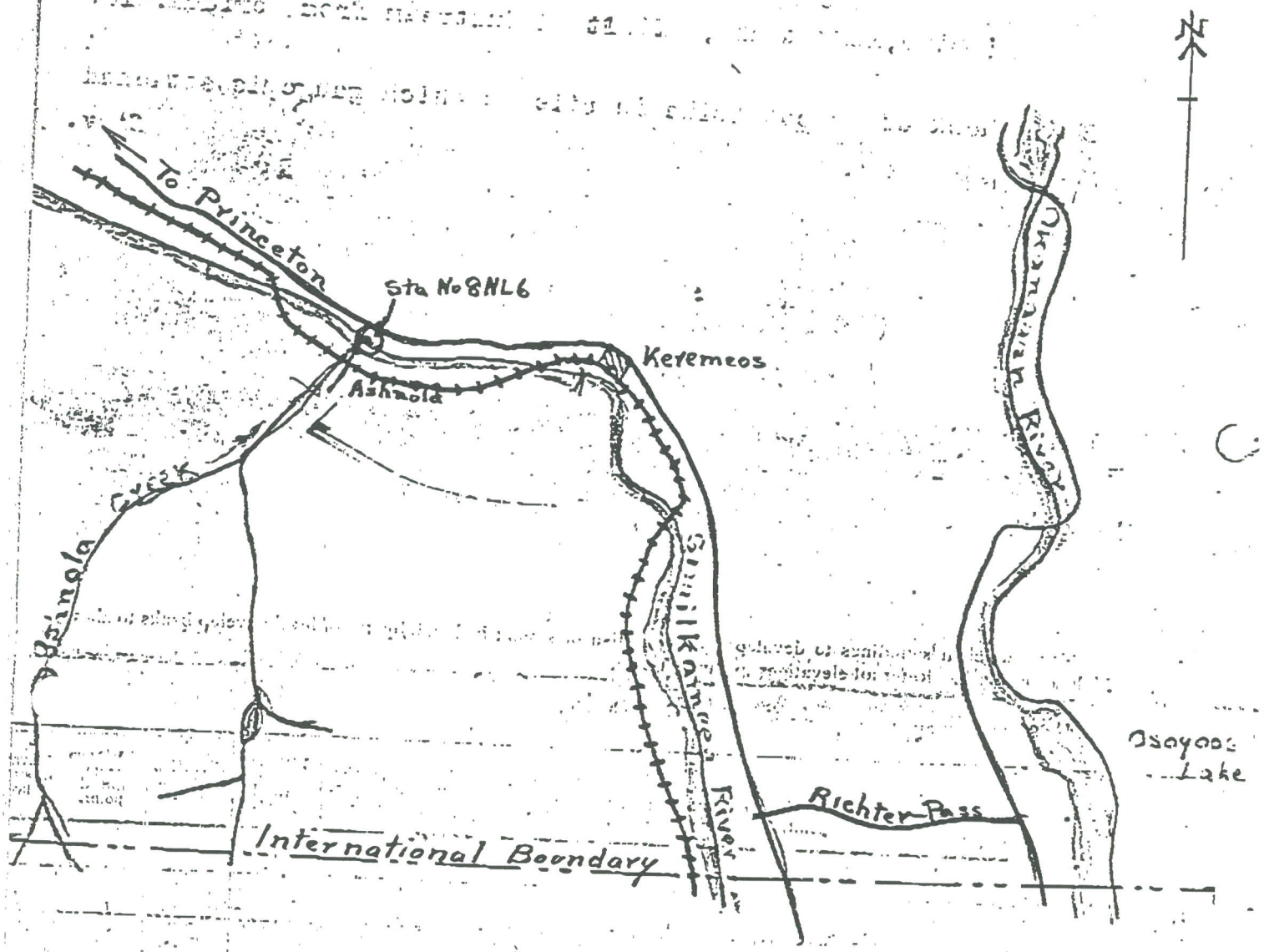
The initial point of soundings is at the east side of bridge marked 0 in paint.

Levelled W.S.C BM 5 and staff gauge. By Technical Support September 1992

Geodetic Elevation Gauge Zero 434.498m. OBNL006

Project. 92ZF052 Field Book 2610

mark, of the bridge or cable, etc. ... approximate profile of the river bed, of the banks to above high water



NOTE—This form is to be filled out promptly and sent to the Ottawa office as soon as the station is established. Supplement with additional sheets if necessary.

Channel above station : straight ~~XXXXX~~d for about 800 feet, water swift, ~~XXXXXXX~~

Channel above station : straight ~~XXXXXX~~ for about 100 feet, water swift, ~~XXXXXXX~~

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

Right bank wooded liable to be slightly flooded at very high water.

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

High rocky not liable to over flow.

Bed of the stream : rocky, gravel, sandy, clean, or vegetation shifting. Number of channels at low and high-water, approximate depth of water, etc.

The channel is permanent and very rocky and the water turbulent And for this reason remains open for a considerable period in the winter

Note any condition which may affect the measurements, etc.

The high velocities at Ashnola bridge render soundings difficult in high stages and low water soundings should be used if river metered here.

At high stages meterings from Keremeos bridge much

BM 4 ½" cut spike with regulatio lead washer in stump of
3' pine, left bank , IOOft downstream from bridge. Elev. II.

BM 5 Shank of ¼" cut spike in pile to which gauge is attached
Elev. 5.9

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

Date.. Gauge height..

	Distance from initial point.	Elevation of stream bed.	Distance from initial point.	Elevation of stream bed.	Distance from initial point.	Elevation of stream bed.	Distance from initial point	Elevation of stream bed.	Distance from initial point.	Elevation of stream bed.	Distance from initial point.	Elevation of stream bed.