

DISTRICT NO. 3 FISHERY OFFICER G.W. Winsby YEAR 1949.  
 NAME OF STREAM Himkish River & Tributaries FLOWING INTO Broughton Strait.  
 MAP NAME 1, 5, 20 April, 6 & 29 May, 25 & 27 July, 4, 10, 19, & 26 Aug, 3, 4, 5, 9 & 12 Sept, 15, 25, 30 Oct, 3, 4, 8, 12, 29 November.  
 DATES ON WHICH STREAM INSPECTED

## NOTE:-

A SKETCH OF THIS STREAM IS REQUIRED ON THE BACK OF THIS FORM, SHOWING IN ADDITION TO RELEVANT DATA SUCH AS LOCATION OF OBSTRUCTIONS, GENERAL OUTLINE OF TOPOGRAPHY ALONG THE STREAM, PORTIONS OF STREAM BED WHERE SPawning OCCURS, ETC., ITS LOCATION IN RELATION TO SOME KNOWN POINT. WHEN SUCH SKETCH HAS ONCE BEEN MADE AVAILABLE, IT MAY BE REFERRED TO IN FOLLOWING REPORTS.

## PARTICULARS OF SPawning AND SPawning CONDITIONS

|                                                         | SOCKEYE                                                                                           | SPRINGS         | COHOE          | PINKS           | CHUM            | STEELHEADS      |
|---------------------------------------------------------|---------------------------------------------------------------------------------------------------|-----------------|----------------|-----------------|-----------------|-----------------|
| 1. DATES OF DURATION OF RUN                             | 25 April 30 July                                                                                  | 22 Aug. 15 Jul. | 30 Oct. 5 Aug. | 23 Nov. 22 Aug. | 30 Sep. 20 Oct. | 2 Sep 15 Dec.   |
| 2. TOTAL NUMBER ON GROUNDS                              | N                                                                                                 | G               | K              | H               | N               | G               |
| 3. SIZE OF RUN-HVY. MED. LT.                            | Hvy.                                                                                              | Med.            | Med.           | Lt.             | Hvy.            | Med.            |
| 4. COMPARE WITH TOTAL NUMBER FOR BROOD YEAR USING CROWN | Past records do not show numbers on grounds but a definite increase is evident in Sockeye & Chum. |                 |                |                 |                 |                 |
| 5. GIVE SEX RATIO MALE IN PERCENTAGES                   | 50                                                                                                | 60              | 50             | 50              | 40              | Not determined. |
| FEEMALE JACKS                                           | 50                                                                                                | 40              | 40             | 50              | 60              |                 |

NOTE: DRAW LINES THROUGH NAMES OF SALMON THAT DO NOT FREQUENT THIS STREAM.

## 6. PHYSICAL CONDITION OF SPawning GROUNDS

(A) EVIDENCE OF EROSION AND SILTING - GIVE EXTENT OR % STREAM BED AFFECTED No evidence of silting found, erosion slight throughout system, estimate overall 10%.

(D) PARTICULARS OF SCOURING OF SPawning BEDS OR CHANGE IN COURSE OF STREAM No changes in course found, scouring light in several small tributaries affecting small percentage of Cohoe spawn.

(C) WATER LEVELS (LOW, NORMAL, HIGH, UNUSUAL) Abnormally high level in lower Himkish Rv. causing Chum to spawn in areas which are normally dry, estimate 15% total Chum spawn affected seriously.

## 7. BIOLOGICAL CONDITIONS

(A) PARTICULARS OF DISTRIBUTION OF SPawning SALMON OVER THE STREAMBED Areas well-seeded, no over-seeding observed.

(B) COMMENTS RE PREDATORS Bear predation is considered heavy throughout the system.

(C) EVIDENCE OF DIGGING UP OF EGGS BY LATER SPawning FISH None found.

## 8. OBSTRUCTIONS

(A) PASSABLE OR IMPASSABLE Two passable (see sketch re falls)

(B) NATURE OF OBSTRUCTION Log jams of logging debris and windfalls.

(C) DISTANCE FROM MOUTH OF STREAM 24 miles and 32 miles (on Steele Cr. & Kliahch Rv. respectively).

(D) DO YOU RECOMMEND THAT THE OBSTRUCTION BE REMOVED? On Steele Cr. yes.

(IF SO, ATTACH REPORT STATING YOUR REASONS AND DESCRIBE NATURE AND EXTENT OF THE SPawning GROUNDS ABOVE OBSTRUCTION.)

9. COMMENTS ON ANY OTHER CONDITIONS AFFECTING THIS STREAM A large accumulation of 'saw' logs exists on Steele Cr. about 1 mile from its confluence with Kliahch Rv. Cohoes frequent this stream and it is considered that complete blockage, at least at certain water levels, will occur when farther drift & windfalls 'pile up' behind the jam. Logging operators have agreed to remove the obstruction when required to do so.

10. NOTE: ESTIMATE NUMBER OF PARENT FISH ON SPawning GROUNDS AND INDICATE BY PLACING LETTER IN COLUMN PROVIDED TO SHOW APPROXIMATE NUMBER: THUS:

|         |   |           |   |               |   |                |   |
|---------|---|-----------|---|---------------|---|----------------|---|
| 1-50    | A | 300-500   | D | 2000-5000     | G | 20,000-50,000  | L |
| 50-100  | B | 500-1000  | E | 5000-10000    | H | 50,000-100,000 | M |
| 100-300 | C | 1000-2000 | F | 10,000-20,000 | K | OVER 100,000   | N |