

ALASKA DEPARTMENT OF FISH AND GAME 102-60-90  
DIVISION OF SPORT FISH  
STREAM SURVEY SUMMARY 102-60-10870-2022

STREAM ANDERSEN CREEK

LOC. Prince of Wales Island

MAP REF. Craig C-3 LAT. 55°34'30" N LONG. 132°42' W

TRIBUTARY TO Salmon Lake MAIN DRAINAGE Karta River

ORIGIN Mountains west of Salmon Lake LENGTH 7.6 mi WATERSHED AREA \_\_\_\_\_

1. FLOW RANGE \_\_\_\_\_ cfs VELOCITY rapid AVG. WIDTH 65 ft. AVG. DEPTH 14 in.  
FLOOD HEIGHT \_\_\_\_\_ COLOR/TURBIDITY lt. brown/clear

2. ACCESSIBILITY By plane to Salmon Lake, then skiff, 5 miles by trail from mouth of Karta River.

3. ACCESS STATUS South Tongass National Forest

4. SECTION SURVEYED Lower 1 1/2 mile.

TRIBUTARIES \_\_\_\_\_  
Grades from gravel & sand at

5. BOTTOM TYPE mouth to bedrock & boulder 1 1/2 mile upstream. Below 1st falls gravel 40%, rubble 30%, sand 15%, boulder 15%. %  
STREAM GRADIENT \_\_\_\_\_

6. POOLS - DESCRIPTION & FREQUENCY There are pools in the lower end and below rapids & falls. Freq. less than 25%. A couple are quite deep 10 ft. Most are about equal to width of stream. Mostly scour basins. Some CT were caught below upper falls.

7. BARRIERS Partial barrier 1/2 mile upstream, a falls of 12 ft. total drop; longest fall - 3 1/2 ft, 1 1/4 mile up. Total barrier falls 50 ft total drop, one

8. SPAWING AREA Lower 300 yds above mouth excellent. Many sockeye, 12' steep. above here spotty - 10%.

9. BANK COVER Partially shaded by spruce-hemlock, cedar, red alder. Wide u-shaped valley with rolling hills. Considerable muskeg

10. WATERSHED TYPE drainage in the area. High closed canopy of spruce-hemlock cedar, closed understory of vaccinium, devils club, salmonberry.

11. FISH SPECIES Sockeye, pink, silver salmon, cutthroat, DV, cottids.

12. FISHING HISTORY \_\_\_\_\_

13. FISHING INTENSITY Light.

14. INVERTEBRATES 2 surber samples.  
ABUNDANCE \_\_\_\_\_

15. AQUATIC VEGETATION Mosses sparse.

16. WATER USE None.

17. POLLUTION None.

18. REMARKS A bear trail on the north bank makes walking easier. The pools below the falls are pleasant spots with good fishing for pan-sized cutthroat. The Forest Service trail to Andersen Creek is in poor shape beyond Salmon Lake cabin. From the air the upper part of the creek appears sluggish, in quite wet, flat muskeg with some braiding and a muskeg lake in the drainage.

ALASKA DEPARTMENT OF FISH AND GAME  
DIVISION OF SPORT FISH

SUPPLEMENTAL DATA

NAME ANDERSEN CREEK

LOCATION Prince of Wales Is.

Sky clear  
Air 8.0°C  
Water 8.2°C  
pH 6.6  
DO 13 mg/l  
CO<sub>2</sub> 5 mg/l

Tot. alkalinity 20.5 mg/l CaCO<sub>3</sub>

Tot. hardness 17.1 mg/l CaCO<sub>3</sub>

Rod & Reel

CT

17.6 cm  
15.0  
11.0

MINNOW TRAPS 7 trap hours

<u>CT (cm)</u>				<u>SS</u>	<u>DV</u>	<u>Sculpin</u>
14.2	11.3	7.8	11.5	9.5	10.0	11.3
13.8	11.4	8.5	12.7	10.5	12.5	8.8
12.2	9.5	13.6	12.3	9.5	10.6	10.5
12.5	12.6	10.6	8.8	8.3	11.1	9.1
14.2	11.3	10.6	11.9	8.2	9.9	7.9
14.3	12.8	7.4	12.2	10.5	11.4	7.8
13.0	11.5	10.3	12.3	9.9	9.3	9.2
13.1	11.9	7.8	11.6	9.5	9.9	8.8
13.5	11.7	8.6	11.3	8.0	12.5	7.2
12.8	14.5	10.0	12.0	7.9	9.6	
12.2	10.0	8.9	9.0	10.5		
13.0	8.1	8.2				
		12.0				

BY Short-Behr

DATE September 13, 1973