

State of Alaska
 Department of Fish and Game
 Nomination for Waters
 Important to Anadromous Fish

AWC Volume SE SC SW W AR IN USGS Quad Petersburg B-2

Anadromous Water Catalog Number of Waterway Unnumbered 107-30-10180

Name of Waterway Unnamed USGS name _____ Local name _____

Addition Deletion _____ Correction _____ Backup Information _____

For Office Use

Nomination # <u>93-0112</u>	<u>Janel Shea</u> Regional Supervisor	<u>10-14-92</u> Date
Revision Year: _____	<u>Ed Wein</u>	<u>12/18/92</u>
Revision to: Atlas _____ Catalog _____ Both <input checked="" type="checkbox"/>	<u>Z. Irone</u> Drafted	<u>1/11/93</u> Date
Revision Code: <u>A-2</u>		

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
<u>Pink Salmon</u>		<u>X</u>			

Provide any clarifying information, including number of fish observed, location of fish survey data, etc. Attach a copy of the fish survey data, if available. Attach a copy of a map showing location of mouth and upper points of each species, specific stream reaches identified for spawning or rearing, locations of barriers, such as falls.

Comments:
Information came from USFS staff, documented in EA for
Nemo Point Demonstration Project

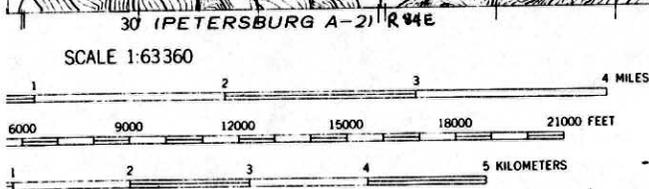
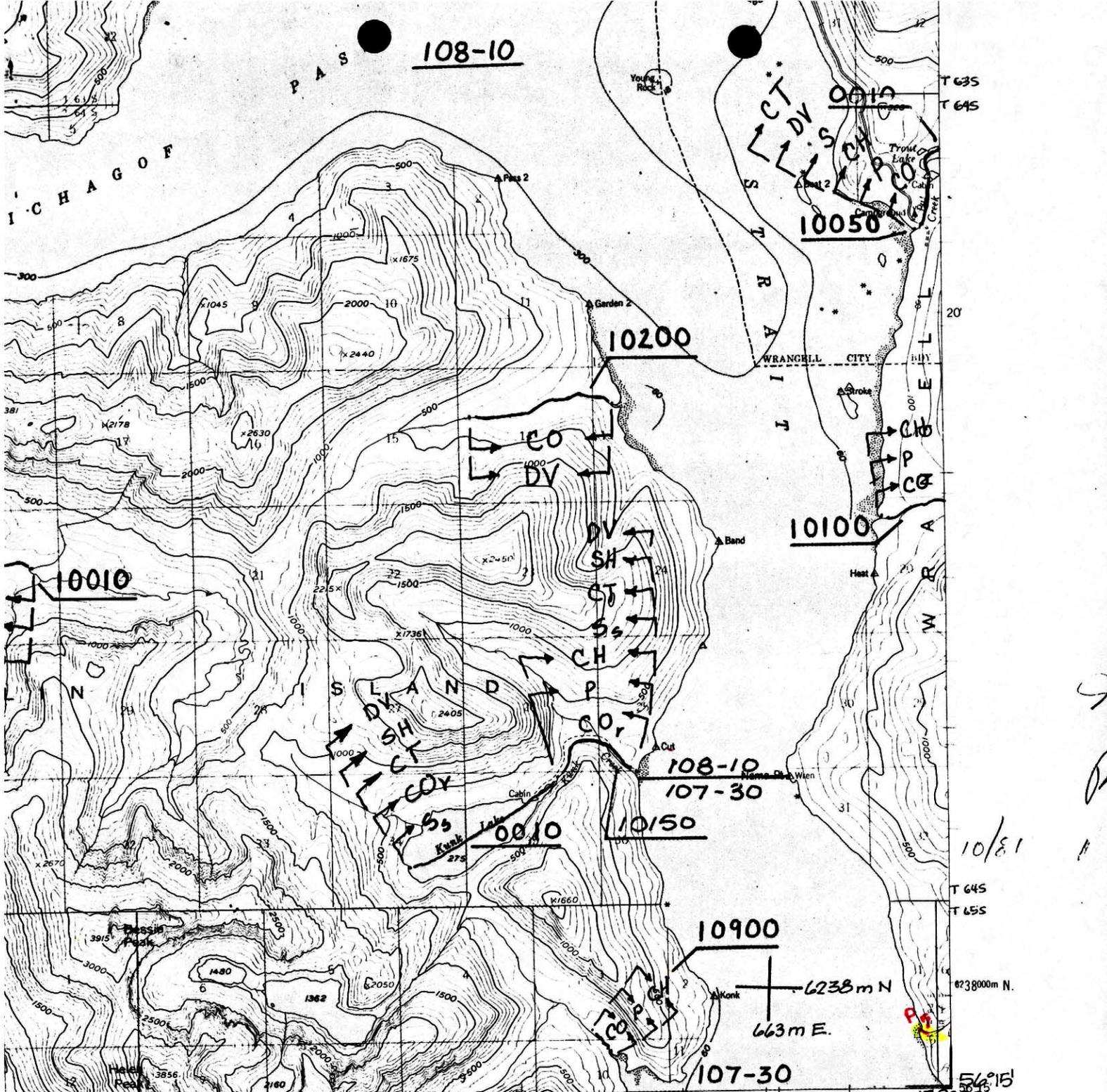
ALASKA DEPT. OF
 FISH & GAME

OCT 16 1992

REGION II
 HABITAT DIVISION

Name of Observer (please print) Kent Russell
 Date: 10/8/92 Signature: Not Available - transferred out of state
 Address: USFS - Wrangell Ranger District Box 51
Wrangell, Ak 99929

Signature of Area Biologist: Paul A. Cornelius Rev. 12/91



CONTOUR INTERVAL 100 FEET
 AL GEODETIC VERTICAL DATUM OF 1929
 IRVES IN FEET - DATUM IS MEAN LOWER LOW WATER
 DWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
 IE MEAN RANGE OF TIDE IS APPROXIMATELY 14 FEET

ADD STREAM
107-30-10180
 Light duty ——— Unimproved dirt



PETERSBURG (B-2), ALASKA
 N5615-W13220/15X20

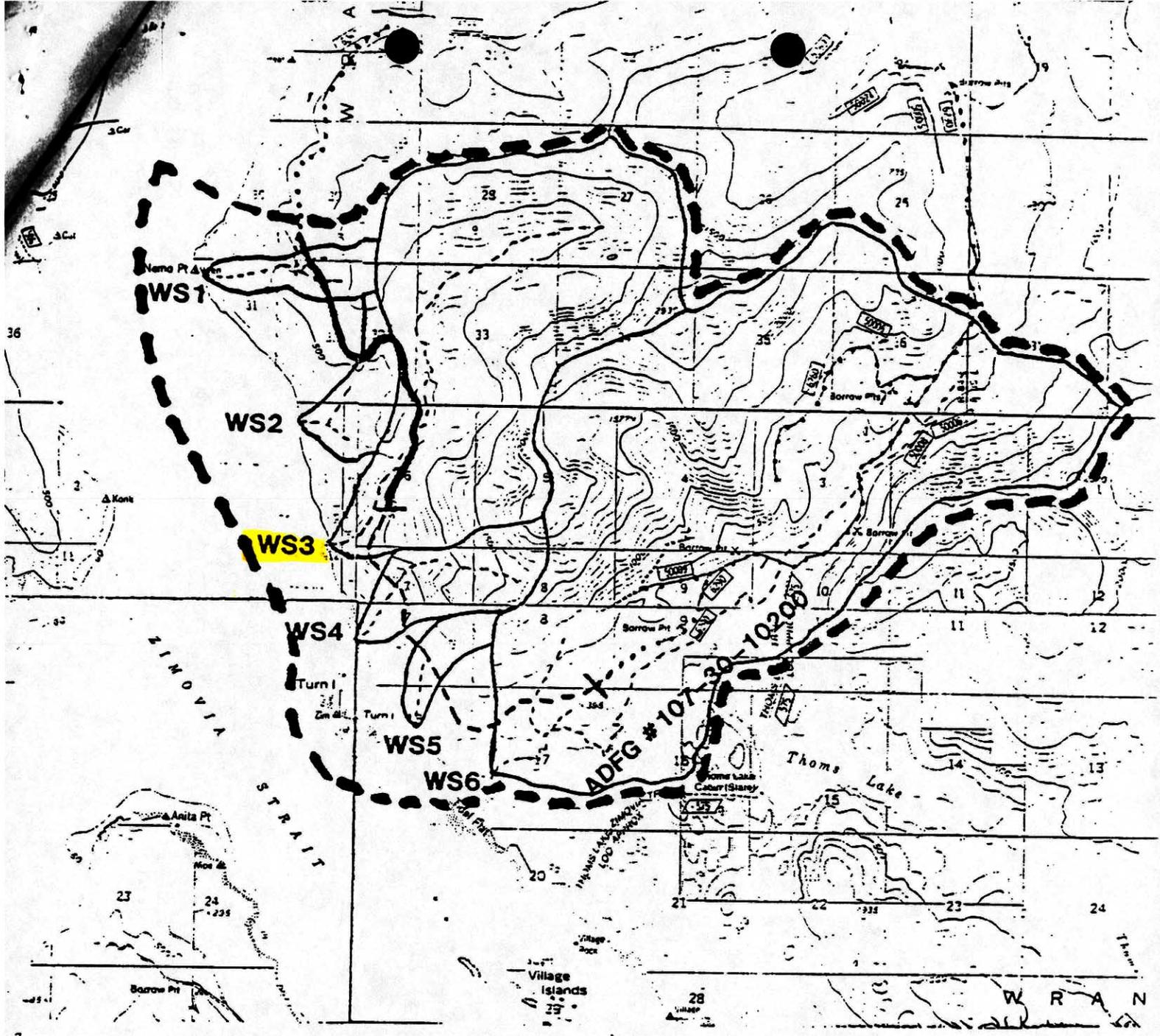
LIMITED REVISIONS 1978

USE
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MADE BY U.S. GEOLOGICAL SURVEY
 DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
 GEOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

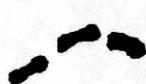
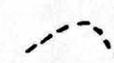


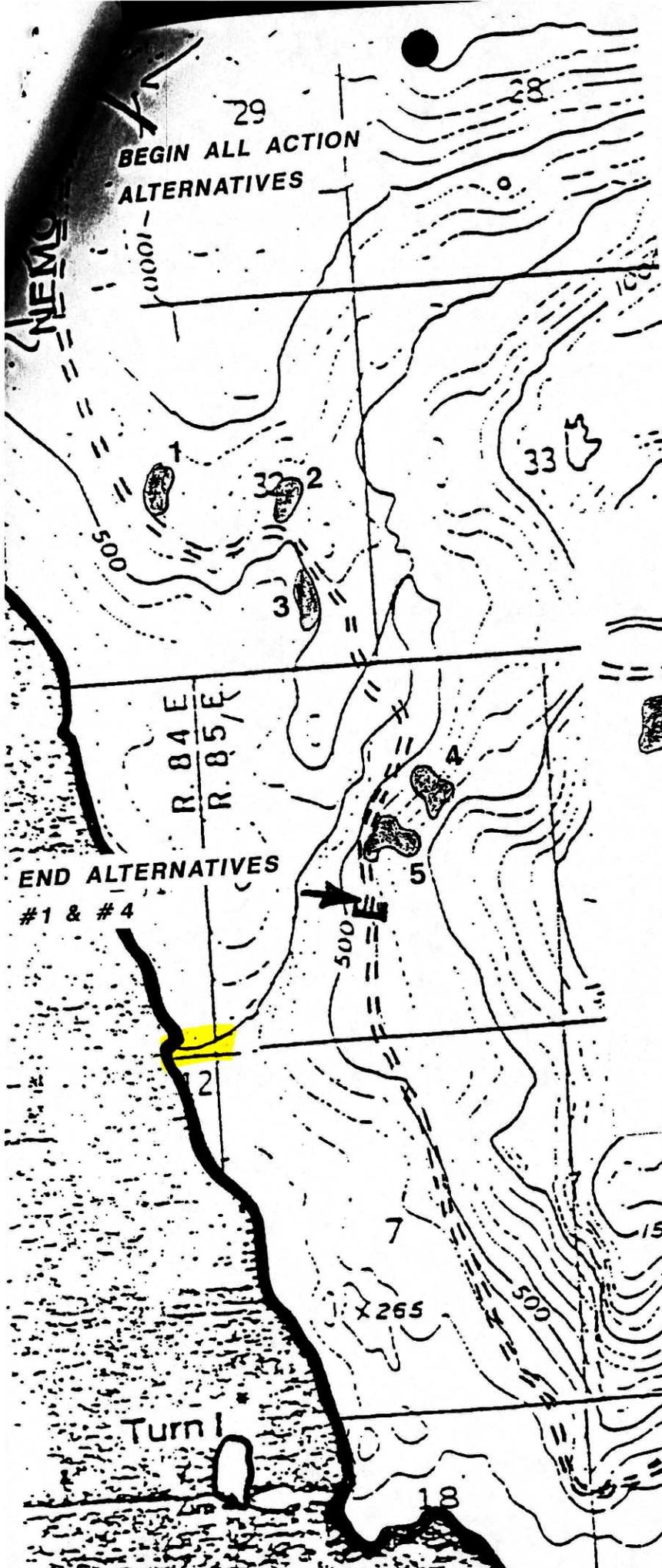
BY
 BB
 P/11



MAP 1. WATERSHED AND FISHERIES STUDY AREA.

LEGEND

-  STUDY AREA BOUNDARY
-  WATERSHED BOUNDARIES
-  STREAMS
-  WOOD-FILL ROAD SEGMENT
-  LOOP ROAD SEGMENT
-  EXISTING SPEC ROADS (APPROX)



UNITS	ESTIMATED ACRES	VOL. CLASS
1	6	4
2	13	4
3	18	4
4	10	5
5	9	5

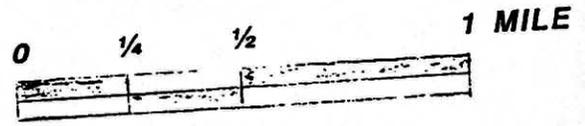
TOTAL ACRES = 56

LEGEND

-  EXISTING ROAD
-  PROPOSED LOOP ROAD
-  PROPOSED UNITS

ALTERNATIVES MAP

END ALTERNATIVES
#1 & #4



MAP 2

150 END ALTERNATIVES
#2 & #5

Turn I

LAKE CABIN

Table 1. Watersheds delineated in the study area.

Number	Area Sq.Mi.	Area Acres	Stream Name	Supports Fish	ADFG Catalog No.
WS1	0.33	211	Unnamed	No	N/A
WS2	0.40	256	Unnamed	No	N/A
WS3	4.45	2848	Unnamed	Yes	None
WS4	0.67	429	Unnamed	No	N/A
WS5	0.25	160	Unnamed	No	N/A
WS6	9.61	6150	Skip Cr.	Yes	107-30-10200
NON-DISSECTED	1.79	1146	NO STREAMS	N/A	N/A
TOTALS	17.50	11,200			

The study area contains two fish-bearing streams: 1) Skip Creek, ADFG No. 107-30-10200; and 2) an unnamed, unnumbered creek entering Zimovia Strait between Nemo Point and Turn Island.

At 6150 acres, watershed WS7 is drained by the locally named Skip Creek. Skip Creek, cataloged as ADFG number 107-30-10200, supports small natural runs of pinks, chum, and coho salmon, cutthroat and steel head trout, and Dolly Varden char. ADFG escapement data indicate a range of 500 to 3100 pink salmon. Although there are no escapement data for coho, it has been estimated that 100 to 300 coho return to spawn.

A partial (flow-dependent) barrier to upstream migration is located 1.3 miles from saltwater. This falls is suspected to be a complete barrier to chum and a significant barrier to pink salmon. The remaining species have access to the entire 30,400 feet of the mainstem channel.

Two minor tributaries drain into mainstem Skip Creek. One contains summer trout rearing habitat in its lower 500 feet. A second possesses spawning and rearing habitat in its lower 300 feet. The majority of the spawning habitat is located in the mainstem. The upper Skip Creek watershed possesses a relatively high component of granitic sands which may limit spawning success.

Skip Creek contributes to both the commercial and sport fisheries. Three road crossings provide easy streamside access for anglers. No subsistence permits are known to have been issued for this stream.

Watershed WS3, drained by an unnamed and unnumbered stream, is 2848 acres. The stream was catalogued by ADFG as an important anadromous fish stream prior to the latest cataloguing revision. It is no longer a catalogued stream. One escapement survey made in 1985 indicates the intertidal area is used by pink salmon for spawning. There are three falls which are total barriers to upstream migration. Resident cutthroat and Dolly Varden char are likely to inhabit the stream above the barriers, but have not been documented.

Wildlife Resources

The project area is located in Wildlife Analysis Area (WAA) 1903, defined by the Alaska Department of Fish and Game/Division of Wildlife Conservation. This WAA encompasses all of Wrangell Island. The project is located in the southern end of Value Comparison Unit (VCU) 477 and the northern edge