

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

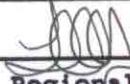
AWC Volume SE (SC) SW W AR IN USGS Quad Seward D-5

Anadromous Water Catalog Number of Waterway 247-60-16230-2050

Name of Waterway Trib To 20 mile USGS name \_\_\_\_\_ Local name \_\_\_\_\_

Addition  Deletion \_\_\_\_\_ Correction \_\_\_\_\_ Backup Information \_\_\_\_\_

For Office Use

Nomination # <u>96-060</u>		<u>4/6/96</u>
Revision Year: <u>96</u>	Regional Supervisor	Date
Revision to: Atlas _____ Catalog _____	<u>Dean W. Hughes</u>	<u>2/13/96</u>
Both <input checked="" type="checkbox"/>	<u>2. Arone</u>	<u>3/27/96</u>
Revision Code: <u>A-2</u>	Drafted	Date

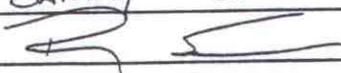
OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
COHO SALMON	10/93	~20			X
COHO SALMON	10/21/94	75			X

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as any other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments: ABOUT 20 COHO WERE OBSERVED SPAWNING IN THIS N.E. FORK OF TWENTYMILE RIVER IN 1993. WATER WAS "SILTY", SUBSTRATE APPEARS TO BE FINE TO MEDIUM GRAVEL w/ SOME LARGER COBBLE. IN 1994 DEPARTMENT AERIAL SURVEY COUNTED 75 COHO IN THE LOWER 1/4 M.

ATTACHMENT - MEMO

Name of Observer (please print) BARRY STRATTON  
 Date: 1/18/95 Signature:   
 Address: 333 RASPBERRY RD. ANCHORAGE AK 99518

This certifies that in my best professional judgement and belief the above information is evidence that this waterbody should be included in, or deleted from the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

Signature of Area Biologist: Andrew G. A.

ADD STREAM

247-60-10230-2050

for CO<sub>2</sub>

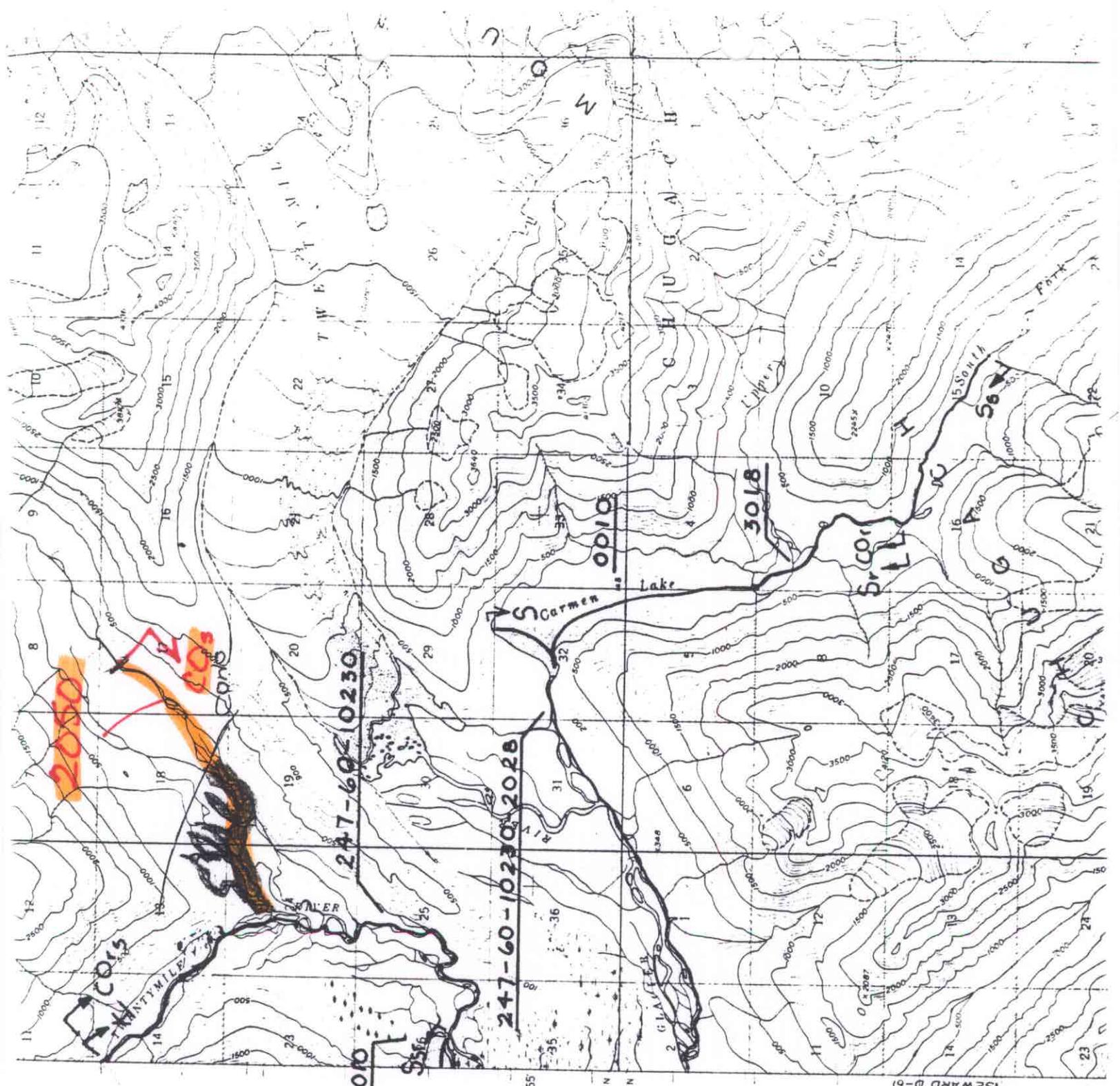
247-60-10230-0010

247-60-10230

247-60-10230-2028

3018

5618



## MEMORANDUM

STATE OF ALASKA

TO: Andy Hoffmann  
Area Management Biologist  
Division of Sport Fish  
Anchorage

Date: October 24, 1994

From: Barry Stratton   
Fishery Biologist  
Division of Sport Fish  
Anchorage

Subject: Turnagain Arm coho

While Turnagain Arm produces the largest wild stock coho salmon runs in the Anchorage Management area, only anecdotal information is available on run timing and abundance of these stocks. The targeted effort and harvest of these "late run" stocks have markedly increased the past five years, particularly in Twentymile River. This increased harvest and effort, coupled with no information on spawning escapements, prompted some public concerns about overharvest of Twentymile River stocks,

Don Perrin, FWT II, and I chartered REGAL AIR's Cessna 185 last Friday (10/21) and flew coho salmon escapement surveys of Twentymile River, Portage Creek, Placer Creek, and Placer River drainages. My index counts are listed below.

## Twentymile River Drainage

	<u>Coho</u>	<u>Chum</u>
"A" Hole Slough	75	0
"Goat" Creek	75	0
Mainstem (above "beaver ponds")	780	0
Glacier River	50	20
Upper Carmen River	0	0
South Fork	6	0
TOTAL	986	20

N.E. TRS  
TO 20 m. Riv. →

## Portage Creek

Mainstem	0	0
"Snagger" Sloughs	0	0
TOTAL	0	0

## Placer Creek

	0	0
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## Placer River

Sloughs and Mainstem	55	0
Skookum Creek	750	0
TOTAL	805	0

Visibility ranged from poor in Portage Creek, Glacier and Twentymile River below their confluence, and mainstem Placer River to excellent in all other surveyed streams and areas. Surveys appeared to be "past peak," and I recommend flying these surveys the first week of October next year.

As a side note, there appears to be two distinctive coho runs in Placer River. When Paul Cyr and I returned from posting signs in Eshamy on August 13, we counted 500 coho salmon in the clear water sloughs. These fish were not present last week.

cc: Cyr  
Delaney  
Hepler