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

1991
Year of Revision

ALASKA DEPT. OF
FISH & GAME

NOV 02 1990

REGION II
HABITAT DIVISION

Anadromous Water Catalog Volume 1987 Southcentral

USGS Quad (S3) Seward A-7

Name of Waterway South Fork Snow River

Anadromous Water Catalog Number of Waterway 244-30-10010-2250-3030

Change to _____ Atlas

_____ Catalog

X Both

Addition X

Deletion _____

Correction _____

Name addition:

USGS name South Fork Snow River tributary

Local name N/A

For Office Use

Nomination # 91 021

[signature] 12/20/90
Regional Supervisor Date

[signature] 12/21/90

FI 12/21/90
Drafted Date

Species	Date(s) Observed	Spawning	Rearing	Migration
Coho (Juvenile)	13 July 1990		✓	
Sockeye Salmon (carcass)	13 July 1990	(carcass)		

Comments: Provide any clarifying information, including number of fish observed, location of fish survey data, etc.

There was a question whether the coho might be chinook; however, based on habitat description (ponded backwater area in a small trib. in association w/ an old beaver dam) ~~th~~ and the capture method (minnow trap) it is likely they were coho. The sockeye salmon was an adult carcass.

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. Attach a copy of the fish survey data, if available.

Name of Observer (please print) Larry Winter

Date: 10-25-90 Signature: Larry Winter

Address: P.O. Box 875388
Wasilla, AK 99687

Signature of Area Biologist: [signature] [signature]
Kenai Peninsula Area
Asst. Area Biologist

USDA Forest Service - Chugach National Forest

CHANNEL TYPE VERIFICATION CARD

DATE: 900713 SITE ID: S-90-031 RANGER DISTRICT: 03

MERIDIAN: Seward TOWNSHIP: T2N RNG: R1E SECT: 34 1/4 SECT: NW

QUAD: Seward A-7 ADF&G #: 244-30-10010-2250-3030

STREAM: Un. - S.FK. Snow R. Trib CREW: Winter, Lapinskas

AEROPHOTO YR: 74 FLT: 18 ROLL: 12 PHOTO: 117

CAMERA PHOTOS

UPSTREAM ROLL: 90-8 PHOTO: 2

DOWNSTREAM ROLL: ____ PHOTO: 3

PRELIM CT: D3

FINAL CT: D8

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WATER : 6 °C AIR : 10.5 °C WEATHER: Overcast / Windy / Drizzle

ADJACENT LANDFORM & VEGETATION: SITE DISTURBED: Yes / (No)

LEFT BANK LANDFORM = 53 LB CANOPY TYPE = SASP Salix

RIGHT BANK LANDFORM = 53 RB CANOPY TYPE = SASP Salix

COMMENTS : Set 8 minnow traps in area from 10:15-1045. Pulled ~1600. 3 salmon fingerlings caught - either SS or KS

SG/DT: 2 %/____ METHOD: Clino (Clino w/Poles) HD

SG = stream gradient DT = distance of gradient shot ft/m

OUTBURST FLOOD POTENTIAL (H = High, L = Low, N = Negligible)

GLACIAL: N LANDSLIDE OR AVALANCHE: N

INCISION DEPTH: (measured in meters)

RIGHT:	<1	(1 - 2)	2 - 4	4 - 6	6 - 10	10 - 20	>20
LEFT:	<1	(1 - 2)	2 - 4	4 - 6	6 - 10	10 - 20	>20

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Some comes from main channel - not sure what d.a. is.

BASIN AREA: ? sq mi PRECIPITATION: 120 in

% LAKE: Ø SITE ELEV: 590 ft MAX ELEV: 6182 ft

Revised 05/16/90 jdb

SUBSTRATE:			STREAM PATTERN
Tally:			(SINGLE)
____	BEDROCK:	____ % (>3 FT)	MULTIPLE
____	SM BOULDER:	____ % (10 IN TO 3 FT)	BRAIDED
____	LG RUBBLE:	____ % (5 TO 10 IN)	
卌 卌 卌 卌	SM RUBBLE:	42 % (2.5 TO 5 IN)	BANK CONTROL
卌 卌 卌 卌	CRS GRAVEL:	42 % (1 TO 2.5 IN)	BEDROCK
卌	FINE GRAVEL:	10 % (4 MM TO 1 IN)	MIXED
卌	VFG/SAND:	6 % (<4 MM)	COARSE SEDIMENTS
____	ORG MCK/SILT:	0 %	FINE SEDIMENTS
		100	(FIBROUS ORGANICS)

STREAM GEOMETRY: UNITS = feet (meters)

	BF								BF
DISTANCE (n.n)	0.4	1.1 ~~0.8~~	2.3	4.2	6.1	8.0		9.8	10.1
BF DEPTH (n.nn)	Ø	.83	.76	.86	.82	.96		1.01	Ø
ACTIVE DPTH (n.nn)	LEFT BANK	.63	.56	.66	.62	.76		.81	RIGHT BANK

	BF	AW
START	0.4	0.8
END	10.1	9.9
WIDTH	9.7	9.1
÷ 5 =	1.9	(rnd down)

ASA %	ARA %	POOL %	MN.P.DEPTH
			ft

SPAWNING GRAVEL QUALITY Good

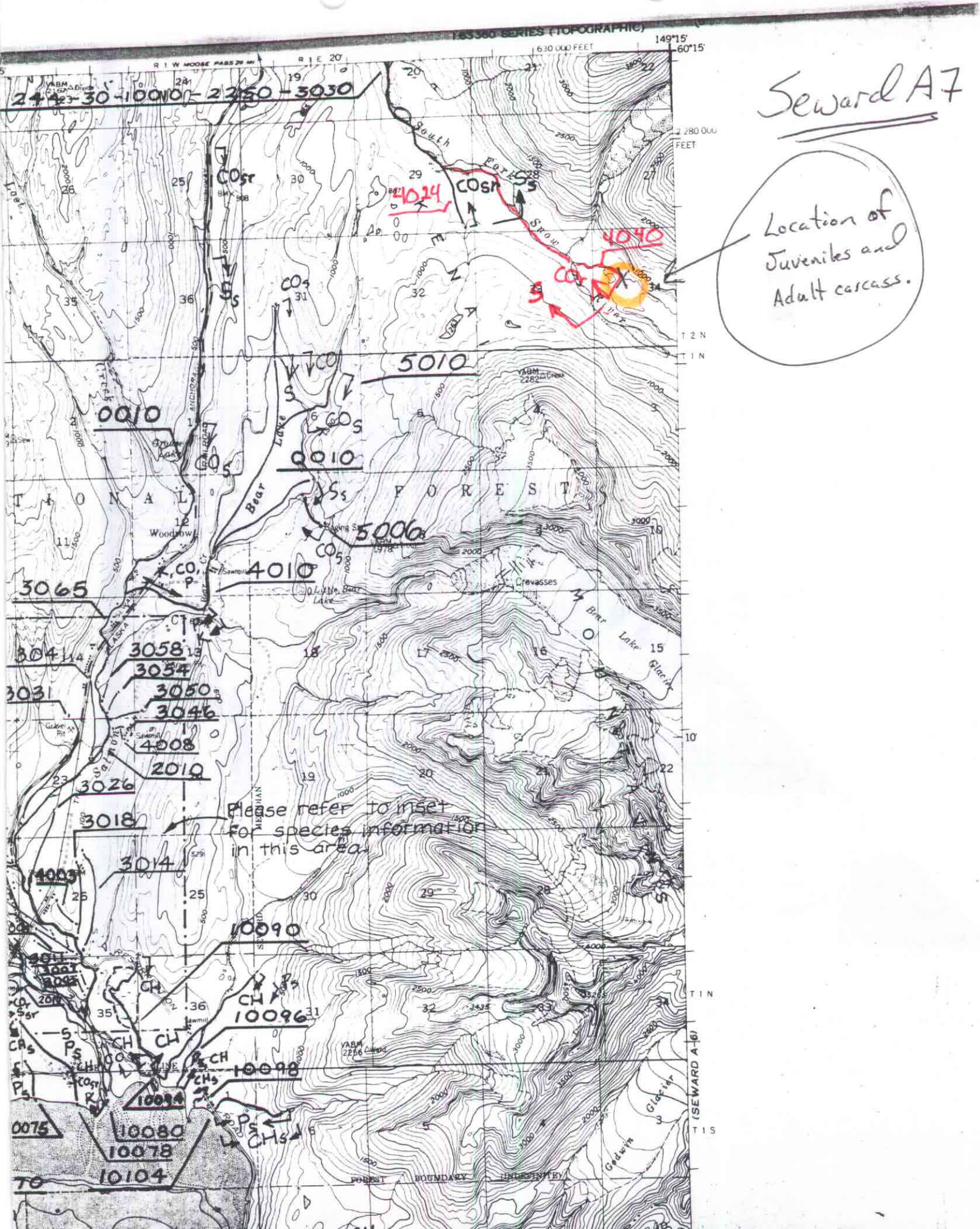
	OBSVD	LIFESTAGE	IDENTITY
UNDERCUT BANK: Y N FISH:	Yes	Fry	?

TRANSECT LENGTH = 150 ft

COMMENTS:

RS?

Salmon Bones found on trib stream below ponded area against hillside. Fry seen but could not identify


Seward A7
Location of Juveniles and Adult carcass.
Please refer to inset for species information in this area.
244-30-10010-2250-3030
4024
4040
5010
0010
0010
5006
4010
3065
3058
3054
3050
3046
4008
2010
3026
3018
3014
10090
10096
10098
10094
10080
10078
10104
South Fork Snow River
Bear Lake
Little Bear Lake
Crevasses
Woodrow
Gravel Pit
Godwin Glacier
FOREST BOUNDARY (INDEFINITE)
(SEWARD A-6)
149°15'
60°15'
T 2 N
T 1 N
T 1 S