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

ALASKA DEPT. OF FISH & GAME
MAR 17 1994
REGION II
HABITAT AND RESTORATION DIVISION

AWC Volume (SE) SC SW W AR IN USGS Quad Juneau A-4

Anadromous Water Catalog Number of Waterway 114-27-10150-2060

Name of Waterway Suntaheen Creek USGS name ✓ Local name ___

Addition ✓ Deletion ___ Correction ___ Backup Information ___

For Office Use

Nomination # 95 007	[signature] 12-2-94 Regional Supervisor Date
Revision Year:	[signature] 12/28/94
Revision to: Atlas ___ Catalog ___ Both X	[signature] 1/4/95 Drafted Date
Revision Code: A-2	

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
COHO SALMON	5 Oct. 1993			✓	✓
STEELHEAD TROUT	May 1993			✓	✓
CUTTHROAT TROUT	June/July 1993		✓	✓	✓

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: A 570 mm ADULT MALE COHO SALMON WAS TRAPPED ABOVE THE FIRST FISHPASS ON SUNTAHEEN CR. IT WAS RELEASED FOLLOWING MEASUREMENTS. DURING May of 1993 2 ADULT STEELHEAD WERE TRAPPED IN A ROTARY SCREW TRAP. LACK OF PROPER EQUIPMENT PREVENTED ANY KIND OF DATA COLLECTION. THAT SAME MONTH A STEELHEAD SMOLT WAS TRAPPED. SCALE SAMPLES INDICATED A 3+ SMOLT. TRAPPING DATA IS CURRENTLY BEING PROCESSED ON THE DISTRICT AND RESULTS WILL NOT BE AVAILABLE UNTIL 1994. CUTTHROAT TROUT WERE OBSERVED DURING SNORKLE COUNTS.

Name of Observer (please print) Christopher James

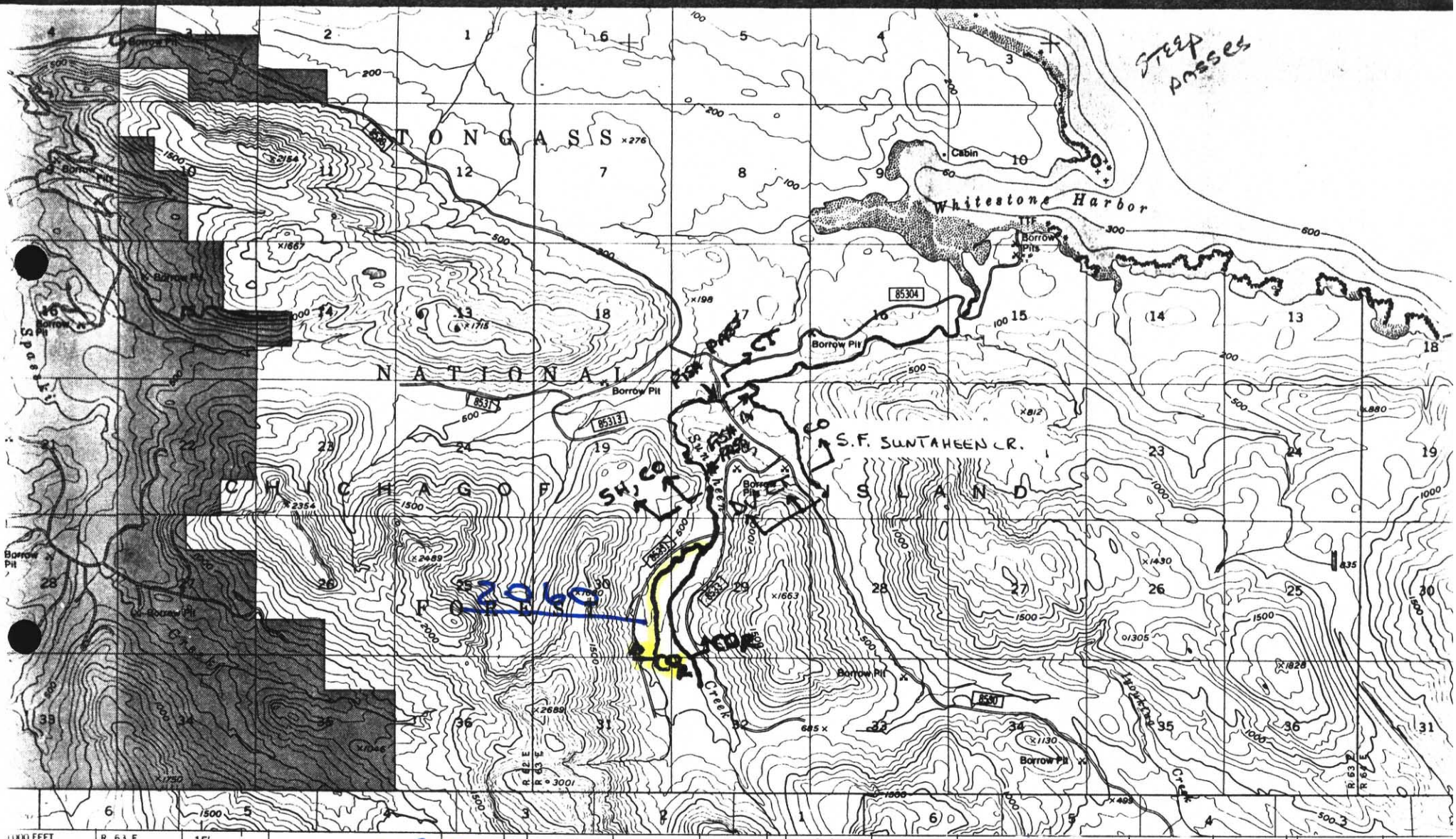
Date: 1 Dec. 1993 Signature: Christopher James

Address: Hoonah Ranger District Box 135
Hoonah, AK 99829

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: [signature]

Rev. 7/93



logical Survey

from aerial photography
field checked

USC&GS Charts
formation is not

27 North American Datum
system, zone 1

ADD STREAM 114-27-10150-2060 w/ CO_R

~~ADD SPECIES CT AT NOTED LOCATION~~

~~ADD FISH PASSES @ NOTED~~

DV, CO_R & STEEP PASS SITES
PER PHONE CONVERSATION
W/ C. JAMES 11/21/94

CONTOUR INTERVAL 100 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
DEPTH CURVES IN FEET-DATUM IS MEAN LOWER LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 13 FEET

PRIMARY BASE SERIES
1988

WEIR COUNTS

Stream: SWTANEEN Location: WEIR Crew: JAMES St. JOHN Date: 5 OCT

TIME: 820 WATER TEMP: ______ AIR TEMP: ______ Gage [illegible]

TIME: 1430 WATER TEMP: ______ AIR TEMP: ______ Gage 1.47

SPECIES	MID-EYE LENGTH(mm)	WEIGHT(g)	SEX	AD CLIP	COMMENTS
COHO	570		M	NO	SPAWNING COLORS

Ent [illegible] 10/27/93

BWS-BIOLOGICAL DATA

TREAM: SWANTAHEEN CREEK DATE: 13 July 1993

REW: JAMES, ST. JOHN, JACK, DALTON VISIBILITY: _____

HYSICAL SURVEY DATE: _____ WEATHER: (Clear) Cloud Rain

IME: _____ WATER TEMP. °C: ____ AIR TEMP. °C: ____
IME: _____ WATER TEMP. °C: ____ AIR TEMP. °C: ____

circle one)	Rep/Sin	Rep/Sin	Rep/Sin	Rep/Sin	Rep/Sin
Reach #	40	42	43	42	44
Habitat Type #	61	53	55	70	72
Habitat Type	OC-pl	PL-ed	RF-cb	PL-lsc	GL-gl
Observers:	CJ	CJ	CJ	CJ	CJ
# 0+ Stlhd/Cut	2				
# 1+ Stlhd/Cut					1
# 0+ Coho	22	45	7	224	98
# 1+ Coho	1			36	1
# 0+ Dolly Varden	2				
# 1+ Dolly Varden					
# 0+ Sockeye					
# 0+ Pink					
# 0+ Chum					
# Adult D.Varden					
# Adult Cutthroat					
# Adult Steelhead					
# Sculpin			2		
# Stickleback					
# Other:					
Comments:	Pool cutoff from flow	Pool is cutoff from main channel	Coho using margin areas	1+ coho under LWD	Coho using LWD as cover

BWS-BIOLOGICAL DATA

(5-7)

STREAM: SWANTAHEEN CREEK DATE: 13 July 1993

CREW: JAMES, ST. JOHN, DALTON, JACK VISIBILITY: _____

PHYSICAL SURVEY DATE: _____ WEATHER: (Clear) Cloud Rain

TIME: _____ WATER TEMP. °C: ____ AIR TEMP. °C: ____
TIME: _____ WATER TEMP. °C: ____ AIR TEMP. °C: ____

(circle one)	Rep/Sin	Rep/Sin	Rep/Sin	Rep/Sin	Rep/Sin
Reach #	46	53	56	65	66
Habitat Type #	74	88	92	103	104
Habitat Type	PL-ed	GL-gl	PL-ed	CS-rp	PL-mcs
Observers:	CJ	CJ	CJ	CJ	CJ
# 0+ Stlhd/Cut					
# 1+ Stlhd/Cut	5	3	1	2	4
# 0+ Coho	50	417	102	8	4
# 1+ Coho	39	62	23		2
# 0+ Dolly Varden					
# 1+ Dolly Varden	12	2	1		
# 0+ Sockeye					
# 0+ Pink					
# 0+ Chum					
# Adult D.Varden		4			1
# Adult Cutthroat					
# Adult Steelhead					
# Sculpin		1			
# Stickleback					
# Other:					
Comments:		1+ coho using LWD as cover	1+ coho using LWD as cover	Pink salmon spawning modification	0+ Coho in margin areas

FROM MOUTH TO...

(2-2)

BWS-BIOLOGICAL DATA

STREAM: SUNTAHEEN CREEK **DATE:** 9 July 1993

CREW: JAMES, ST. JOHN, JACK, DALTON **VISIBILITY:** _____

PHYSICAL SURVEY DATE: 6-21-93 **WEATHER:** (Clear) Cloud Rain

TIME:_____ WATER TEMP.°C:____ AIR TEMP.°C:____
TIME:_____ WATER TEMP.°C:____ AIR TEMP.°C:____

(circle one)	Rep/Sin	Rep/Sin	Rep/Sin	Rep/Sin	Rep/Sin
Reach #	1	5	11	18	25
Habitat Type #	1	5	11	18	29
Habitat Type	PL-lsc	RF-bl	PL-lsc	RF-cb	PL-lsc
Observers:	CJ C	CJ	CJ	CJ	CJ
# 0+ Stlhd/Cut				1	
# 1+ Stlhd/Cut			1	2	
# 0+ Coho	69	46	212	315	31
# 1+ Coho	5		6	12	1
# 0+ Dolly Varden					
# 1+ Dolly Varden					
# 0+ Sockeye					
# 0+ Pink					
# 0+ Chum					
# Adult D.Varden	1		3		
# Adult Cutthroat					
# Adult Steelhead					
# Sculpin				3	1
# Stickleback					
# Other:					
Comments:	COHO USING ROOTWAD AS COVER.	MOST USING BOULDERS AS COVER	1+ COHO USING LWD AS COVER	0+ COHO IN MARGIN AREAS; 1+ COHO UNDER LWD.	0+ COHO IN MARGIN AREAS

(2-3)

BWS-BIOLOGICAL DATA

STREAM: SUNTAHEEN CREEK **DATE:** _____

CREW: JAMES, ST. JOHN, JACK, DALTON **VISIBILITY:** _____

PHYSICAL SURVEY DATE: 6-29/30/93 **WEATHER:** (Clear) Cloud Rain

TIME:_____ WATER TEMP.°C:____ AIR TEMP.°C:____
TIME:_____ WATER TEMP.°C:____ AIR TEMP.°C:____

(circle one)	Rep/Sin	Rep/Sin	Rep/Sin	Rep/Sin	Rep/Sin
Reach #	30	30	36		
Habitat Type #	36	35	45		
Habitat Type	PL-lsc	RF-cb	PL-ed		
Observers:	CJ C	CJ	CJ		
# 0+ Stlhd/Cut					
# 1+ Stlhd/Cut	2	1	1		
# 0+ Coho	36	97	132		
# 1+ Coho	32	1	28		
# 0+ Dolly Varden		1			
# 1+ Dolly Varden		3			
# 0+ Sockeye					
# 0+ Pink					
# 0+ Chum					
# Adult D.Varden	17				
# Adult Cutthroat	5				
# Adult Steelhead					
# Sculpin					
# Stickleback					
# Other:					
Comments:	FISH USING LWD AS COVER	0+ COHO IN MARGIN AREAS	COHO UNDER LWD AS COVER		

5-J

BWS-BI. .CAL DATA 3 of 3

TREAM: SUNTAHEEN CREEK **DATE:** 13 July 1993

CREW: JAMES, ST. JOHN, JACK, DALTON **VISIBILITY:** _____

PHYSICAL SURVEY DATE: _____ **WEATHER:** ~~Clear~~ Cloud Rain

TIME: _____ WATER TEMP. °C: ____ AIR TEMP. °C: ____
TIME: _____ WATER TEMP. °C: ____ AIR TEMP. °C: ____

(circle one)	Rep/Sin	Rep/Sin	Rep/Sin	Rep/Sin	Rep/Sin
Reach #	74	81	82		
Habitat Type #	112	120	121		
Habitat Type	PL-lsc	RF-cb	PL-mcs		
Observers:	CJ	CS	CS		
# 0+ Stlhd/Cut					
# 1+ Stlhd/Cut	5	11	1		
# 0+ Coho	114	186	235		
# 1+ Coho	29	27	9		
# 0+ Dolly Varden	1	1	1		
# 1+ Dolly Varden		2	4		
# 0+ Sockeye					
# 0+ Pink					
# 0+ Chum					
# Adult D.Varden	75				
# Adult Cutthroat	5				
# Adult Steelhead					
# Sculpin					
# Stickleback					
# Other:					
Comments:		COD USING BOULDERS AS COVER	COD USING NO COVER		

16-17

BWS-BIOLOGICAL DATA ___ of ___

STREAM: _____ **DATE:** _____

CREW: _____ **VISIBILITY:** _____

PHYSICAL SURVEY DATE: _____ **WEATHER:** Clear Cloud Rain

TIME: _____ WATER TEMP. °C: ____ AIR TEMP. °C: ____
TIME: _____ WATER TEMP. °C: ____ AIR TEMP. °C: ____

(circle one)	Rep/Sin	Rep/Sin	Rep/Sin	Rep/Sin	Rep/Sin
Reach #					
Habitat Type #					
Habitat Type					
Observers:					
# 0+ Stlhd/Cut					
# 1+ Stlhd/Cut					
# 0+ Coho					
# 1+ Coho					
# 0+ Dolly Varden					
# 1+ Dolly Varden					
# 0+ Sockeye					
# 0+ Pink					
# 0+ Chum					
# Adult D.Varden					
# Adult Cutthroat					
# Adult Steelhead					
# Sculpin					
# Stickleback					
# Other:					
Comments:					