State of Alaska
Department of Fish and Game
Habitat and Restoration Division

Nomination for Waters
Important to Anadromous Fish

Region: SOUTHCENTRAL ▼ USGS Quad: Anchorage C-8

Anadromous Water Catalog Number of Waterway: 247-41-10100-2271

Name of Waterway: unnamed tributary of Little Susitna River ☐ USGS Name ☐ Local Name

☑ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination #	01 261		
Revision Year:	2001	Regional Supervisor	11/20/01 Date
Revision to: Atlas ____ Catalog ____ Both X		AWC Project Biologist	11/5/01 Date
Revision Code:	A-1	Drafted	12/6/01 Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Dolly Varden	9/20/01			X	☐
Coho (juvenile)	9/20/01		X	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 other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments:

Stream surveyed during Susitna River Fish Habitat ID survey which occurred 9/17/01 through 9/21/01.
See the following attached data sheet:
Project Code: SU01
Station No: 024

Name of Observer (please print): Doug Hill

Signature: Douglas A. Hill Date: 10/29/01

Address: ADF&G, H&R Division
333 Raspberry Rd, Anchorage, AK. 99518

This certifies that in my best professional judgment 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: David B. Rlund

Revision 3/97

nom DV/coho juv

Project Code: SU01 | Station No.: 24 | Visit:

Survey Date: 9/20/01 | Time (mil.): 09:40

Team Leader: | Other Observers:

Temp. (C) Air: 10 | Water: 7.3 | DO (ppm): —

pH: 7.51 | Cond. (µS/cm): 185.2 | Salinity: —

Turbidity (NTU): — | Secchi (m):

48 hr. Precip./Runoff: N/T

Stream Stage: N

Stream Gradient (%): < 1%

Water Color: CLR

	OHW	Wetted
Width (m)	0.145	0.145
Thalweg Depth (m)	0.55	0.27
Vel. (m/s)	0.01	
Qual.	SLO	

Location R/P: | Lat. (dec. deg): | Long. (dec. deg):

LTRM: Downstrm. Stat:

Upstream Stat.: 61.644835 | 149.78790

Quad Name: ANC C-8 | UTM:

Legal Desc.: UNK 2 | Obs. Loc:

Stream #: 247-41-10100-3011 (?)

Stream Status: | Region:

Name: STREAM 18 | Elevation (m): 400'

Sample pnt 24 waypoint 25

Substrate

	%	m
Organic (%)	20	
Silt/Clay (%)	~~25~~ 25	0 - 5
Sand (%)	40	5 - 10
Gravel (%)	15	10 - 20
Cobble (%)	—	20 - 30
Boulder (%)	—	m
Bedrock (%)	—	

Riparian Vegetation

	Left	Veg. Desc.	Right	Veg Desc
		3A2A		3A2A

'96 Rosgen Channel Code: E

'92 Tongass Channel Code: —

Valley Form

Sinuosity | Floodplain width (m) | Valley Slope (%)

Winter Sampling

Ice thickness (m) | Water depth (m)

Station Data Comments:

Wildlife Comments:

Fish data

Species: DV | Life Stage: ? | Gear: EF

Life History | Species/Life Stage Count: | Susp.Spawn.? | Age Classes:

# of Traps set: | Trap In (D/T): | Out: | Trap Dur. (h):

EF Time (s): 81 | Area (sq.m): | Effic. (%): | Volt (V): 600 | Freq. (Hz): 4 | Wave Form: 10

Habitat: Channel | Macro | Meso | Micro | Hydraulic Control

Aquat	Emerg	OH	Veg	U_Cut	Bnk:	RootW.	ShrbDet	BnkCliv	Clog	Slash	DebJam	Hum D	Substr	Turbid	Depth	None	Oth

Barrier: Type | Pop/Mig | Height (m) | Pool depth (m) | Gradient (%) | Length (m)

Fork Len. (mm): 130

Comments:

Fish data

Species: CS | Life Stage: Juv | Gear: EF | Coho

Life History | Species/Life Stage Count: | Susp.Spawn.? | Age Classes:

# of Traps set: | Trap In (D/T): | Out: | Trap Dur. (h):

EF Time (s): | Area (sq.m): | Effic. (%): | Volt (V): | Freq. (Hz): | Wave Form:

Habitat: Channel | Macro | Meso | Micro | Hydraulic Control

Aquat	Emerg	OH	Veg	U_Cut	Bnk:	RootW.	ShrbDet	BnkCliv	Clog	Slash	DebJam	Hum D	Substr	Turbid	Depth	None	Oth

Barrier: Type | Pop/Mig | Height (m) | Pool depth (m) | Gradient (%) | Length (m)

Fork Len. (mm): 79 | 40 | 35 | 100

Comments:

Fish data

Species SC (sculpin) | Life Stage | Gear

Life History | Species/Life Stage Count: | Susp.Spawn.? ☐ | Age Classes

# of Traps set: | Trap In (D/T): | Out: | Trap Dur. (h):

EF Time (s) | Area (sq.m) | Effic. (%) | Volt (V) | Freq. (Hz): | Wave Form

Habitat Channel | Macro | Meso | Micro | Hydraulic Control

Aquat	Emerg	OH Veg	U_Cut	Bnk:	RootW.	ShrbDet	BnkCliv	Clog	Slash	DebJam	Hum D	Substr	Turbid	Depth	None	Oth

Barrier:	Type	Pop/Mig	Height (m)	Pool depth (m)	Gradient (%)	Length (m)

Fork Len. (mm)	60	38	50	50						

Comments

Fish data

Species | Life Stage | Gear

Life History | Species/Life Stage Count: | Susp.Spawn.? ☐ | Age Classes

# of Traps set: | Trap In (D/T): | Out: | Trap Dur. (h):

EF Time (s) | Area (sq.m) | Effic. (%) | Volt (V) | Freq. (Hz): | Wave Form

Habitat Channel | Macro | Meso | Micro | Hydraulic Control

Aquat	Emerg	OH Veg	U_Cut	Bnk.	RootW.	ShrbDet	BnkCliv	Clog	Slash	DebJam	Hum D	Substr	Turbid	Depth	None	Oth

Barrier:	Type	Pop/Mig	Height (m)	Pool depth (m)	Gradient (%)	Length (m)

Fork Len. (mm)										

Comments

Fish data

Species | Life Stage | Gear

Life History | Species/Life Stage Count: | Susp.Spawn.? ☐ | Age Classes

# of Traps set: | Trap In (D/T): | Out: | Trap Dur. (h):

EF Time (s) | Area (sq.m) | Effic. (%) | Volt (V) | Freq. (Hz): | Wave Form

Habitat Channel | Macro | Meso | Micro | Hydraulic Control

Aquat	Emerg	OH Veg	U_Cut	Bnk:	RootW.	ShrbDet	BnkCliv	Clog	Slash	DebJam	Hum D	Substr	Turbid	Depth	None	Oth

Barrier:	Type	Pop/Mig	Height (m)	Pool depth (m)	Gradient (%)	Length (m)

Fork Len. (mm)										

Comments

Fish data

Species | Life Stage | Gear

Life History | Species/Life Stage Count: | Susp.Spawn.? ☐ | Age Classes

# of Traps set: | Trap In (D/T): | Out: | Trap Dur. (h):

EF Time (s) | Area (sq.m) | Effic. (%) | Volt (V) | Freq. (Hz): | Wave Form

Habitat Channel | Macro | Meso | Micro | Hydraulic Control

Aquat	Emerg	OH Veg	U_Cut	Bnk:	RootW.	ShrbDet	BnkCliv	Clog	Slash	DebJam	Hum D	Substr	Turbid	Depth	None	Oth

Barrier:	Type	Pop/Mig	Height (m)	Pool depth (m)	Gradient (%)	Length (m)

Fork Len. (mm)										

Comments

Project Code: SU01 | Station No.: 25 | Visit:

Survey Date: 9/20/01 | Time (mil.): 10:14

Team Leader: | Other Observers:

Temp. (C) Air: 10 | Water: 7.0 | DO (ppm):

pH: | Cond. (µS/cm): 0.518 | Salinity:

Turbidity (NTU): | Secchi (m):

48 hr. Precip./Runoff: N/A

Stream Stage: NORM LOW

Stream Gradient (%): <1%

Water Color: CLR

Location R/P: | Lat. (dec. deg): | Long. (dec. deg):

LTRM: Downstrm. Stat:

Upstream Stat.: 61.64913 | 149.78796

Quad Name: ANC C-8 | ITM:

Legal Desc.: | Obs. Loc:

Stream #: UNK SAME AS 24

Stream Status: | Region:

Name: STREAM 19 | Elevation (m): 400'

Sample pnt 25 STREAM 19 WAYPNT 26

	OHW	Wetted
Width (m)	~~1.0~~	0.51 51
Thalweg Depth (m)	0.60	0.20
Vel. (m/s)	0.006	Qual.: SLO

Substrate

	%	m
Organic (%)	38 48	
Silt/Clay (%)	32	0 - 5
Sand (%)	~~32~~ 20	5 -10
Gravel (%)	22	10 - 20
Cobble (%)	/	20 - 30
Boulder (%)	/	m
Bedrock (%)	/	

Riparian Vegetation

	Left	Veg. Desc.	Right	Veg Desc
		3A2A		3A2A

'96 Rosgen Channel Code: E

'92 Tongass Channel Code:

Valley Form

Sinuosity | Floodplain width (m) | Valley Slope (%)

Winter Sampling

Ice thickness (m) | Water depth (m)

Station Data Comments: cond. 0.518mS

Wildlife Comments:

Fish data

Species: CO | Life Stage: | Gear:

Life History: | Species/Life Stage Count: | Susp.Spawn.? | Age Classes:

# of Traps set: | Trap In (D/T): | Out: | Trap Dur. (h):

EF Time (s): 16* | Area (sq.m): | Effic. (%): | Volt (V): 600 | Freq. (Hz): 60 | Wave Form: 10

Habitat Channel: | Macro: | Meso: | Micro: | Hydraulic Control:

Aquat	Emerg	OH	Veg	U_Cut	Bnk:	RootW.	ShrbDet	BnkCliv	Clog	Slash	DebJam	Hum D	Substr	Turbid	Depth	None	Oth

Barrier:	Type	Pop/Mlg	Height (m)	Pool depth (m)	Gradient (%)	Length (m)

Fork Len. (mm)											
	48										

Comments: Low water when sampled @ high water likely to have more fish

Fish data

Species: | Life Stage: | Gear:

Life History: | Species/Life Stage Count: | Susp.Spawn.? | Age Classes:

# of Traps set: | Trap In (D/T): | Out: | Trap Dur. (h):

EF Time (s): | Area (sq.m): | Effic. (%): | Volt (V): | Freq. (Hz): | Wave Form:

Habitat Channel: | Macro: | Meso: | Micro: | Hydraulic Control:

Aquat	Emerg	OH	Veg	U_Cut	Bnk:	RootW.	ShrbDet	BnkCliv	Clog	Slash	DebJam	Hum D	Substr	Turbid	Depth	None	Oth

Barrier:	Type	Pop/Mlg	Height (m)	Pool depth (m)	Gradient (%)	Length (m)

Fork Len. (mm)											

Comments:

EXTEND STREAM
247-41-10100-2271
2271
COR
T19N
T18N
Windy Lake
RT DV
Creek
Nancy Cr
Willow Creek Sled Trail (Herning Trail)
STREAM 20
SAMPLE 26
SAMPLE 24
Zero Lake
Bench Lake
SS, RT
Bench Lake Trail
Airstrip
Silver Dr
ROAD
Isl Lake
HIGHWAY
The Alaska Railroad
Landfill
Houston
Riverside Camper Park
Little Susitna River Campground
Armstrong Road
P.O.
Miller's Riverboat Service
Miller's Market
Houston Lodge
Susitna River
All salmon, DV RT
STR 14
DRY
12 Sample