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

ALASKA DEPT. OF FISH & GAME
OCT 16 1998
REGION II
HABITAT AND RESTORATION DIVISION

Region: SOUTHCENTRAL

USGS Quad: Cordova (C-7)

Anadromous Water Catalog Number of Waterway: 221-30-10672

Name of Waterway: ☐ USGS Name ☐ Local Nam

☐ Addition ☐ Deletion ☐ Correction ☒ Backup Information

For Office Use

Nomination #: 99 078
Revision Year:
Revision to: Atlas Catalog Both N/A
Revision Code: F-1

Regional Supervisor: Ed Weiss — Date: 5/22/00
AWC Project Biologist — Date:
Drafted — Date:

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Coho	6/25/98		✓	present	☐
Cutthroat Trout	6/25/98		✓	present	☐
					☐
					☐
					☐

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:

Juveniles of both species seen in small headwater tributaries to 221-30-10672. Only rearing habitat available for Coho, maybe some cutthroat spawning habitat present. No Barriers to fish migration downstream.

Name of Observer (please print): DIRK W. LANG
Date: 10/13/98 Signature: D W Lang (Fish Tech)
Address: Cordova Ranger Dist.
PO Box 280
Cordova, AK 99574

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: Andrew G Hoff

Revision 11/96

TATITLEK STREAM SURVEY: Watershed: Knowles Bay Crew DS, AC Site ID: KHSC9
Stream Knowles Bay Road Crossing ✓ Disturbance Date 6/25
Road Crossing ____ Mileage from road origin end ____
Lat./long. ____ Crossing Type: Bridge Stringer Bridge Culvert
Rainfall last 24 hrs: L M H none Aerial photo: FL ___ YR ___ # ___ Camera Roll # ___ photo# ___
Stream class type: 1 2 3 4 Channel @ crossing/impact straight bend braided multiple thread

? not sure if resident or an ad. fish

	Upstream	Downstream	At Impact
Channel type	B-4 MCI		
Control	Alluvium Bedrock Mixed	Alluvium Bedrock Mixed	Alluvium Bedrock Mixed
Incision (m)	<1 1-2 2-4 4-6 6-10 10-20	<1 1-2 2-4 4-6 6-10 10-20	<1 1-2 2-4 4-6 6-10 10-20
D.Substrate	silt sand grav scb lcb sb lmb	silt sand grav scb lcb sb lmb	silt sand grav scb lcb sb lmb
Bank comp	silt sand grav scb lcb sb lmb	silt sand grav scb lcb sb lmb	silt sand grav scb lcb sb lmb
Habitat type	glide		

Looking Up	LB	0.25	0.5	0.75	RB
Bankful Width	0				2ft
Bankful Depth	15"	14"	14"	13"	9"
Active Width	0				28"
Active Depth	4"	9"	7"	5"	3"
Thalweg		✓			

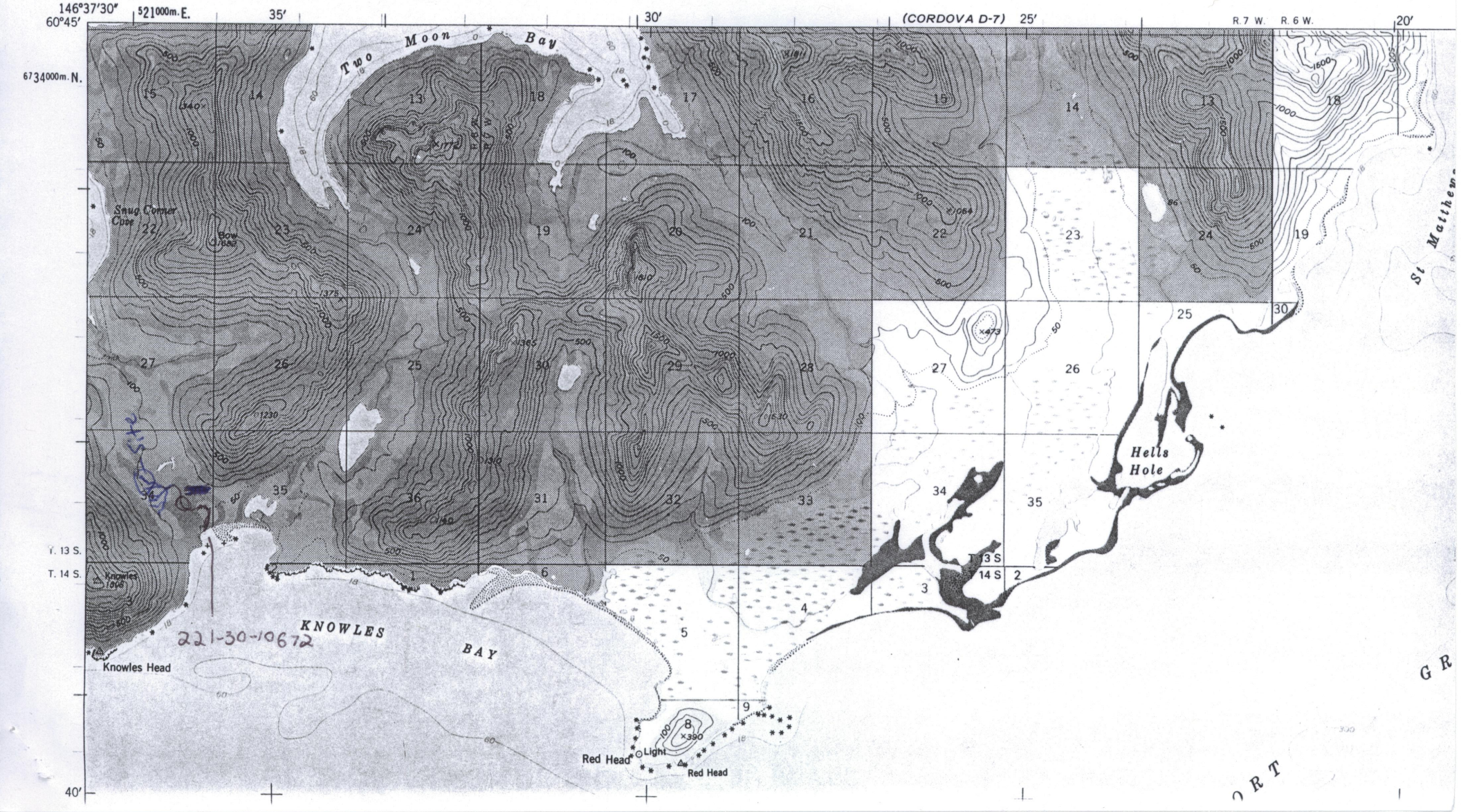
Fish Spp Present	# adult	#juv.	visual shock. net
Coho / Cutt		1+ Coho 2+ Cutt	

BARRIER TYPE: N/A Distance from site: ____ up /downstrm
Max. fall height (ft): ____ Pool depth(ft): ____ Steep gradient: ____ feet @ ____ %

DISTURBANCE: urb ulb
___Blowdown: # of trees: ____ Avg. diameter: ____ Length of blowdown along stream: ____
___Debris/earth slides consisting of: fnes snd grav scb lcb sb lmb swd lwd
Volume: ____
___Erosion and deposition of material into streams
___Dog-hair stands of 2nd growth in riparian zone Area to be thinned: ____
___other:
Immediate effects of impact on fisheries habitat:
____stream blockage(%) ____channel diversion ✓ bank erosion ✓ sedimentation
Area (l x w) of bank erosion affecting stream: 20ft x 4ft
Short-term effects: (destruction, creation of habitat. e.g.: logjams may create new pools, cover)
minimal sedimention as stream crosses the road
Long-term effects:(e.g. longterm effects of logjam may be damming of stream, new channel formation, increased erosion):
Sedimention

ACTION REQUIRED: ☺ ___no action req'd ☺ ✓ light hand labor ☹ ___moderate hand labor
☠ ___heavy equip. req'd ☠ ___critical problem needing action ASAP
Description of action needed, time & manpower, seeding, scarification, special equipment, etc., or comments:
Action: reveg. and possibly deepen the ditch

Cont. back side→

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
MODIFIED FOR USDA FOREST SERVICE

Cordova (C-7)