



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

Nomination for Waters
Important to Anadromous Fish

Region SOUTHEAST USGS Quad Bering Glacier A-3
 Anadromous Water Catalog Number of Waterway 191-20-13400-2033-3005, 3005-4035, 3005-4042
 Name of Waterway Lydick Creek (west fork) USGS Name Local Name
 Addition Deletion Correction Backup Information

For Office Use

Nomination # <u>01 691</u>	<u>Jander Flanders</u>	<u>2-06-01</u>
Revision Year: <u>2001</u>	Regional Supervisor	Date
Revision to: Atlas <u> </u> Catalog <u> </u>	<u>ED Win</u>	<u>2/25/02</u>
Both <u>X</u>	AWC Project Biologist	Date
Revision Code: <u>A-1, A-2</u>	<u>J. Stone</u>	<u>3/11/02</u>
	Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon	4/30/99	remains			<input checked="" type="checkbox"/>
coho salmon	5/27/00		200+		<input checked="" type="checkbox"/>
coho salmon	10/21-22/00	300+			<input checked="" type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>

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: Extensive stream survey was conducted on April 30, 1999 to address logging activity on the upper portion of the watershed (notes attached). Adult coho remains were located throughout the entire mainstem stream reach. Follow-up minnow trapping was conducted in May 2000, capturing hundreds of fry in several locations above the mainline road bridge. More than 300 adult spawning coho salmon were observed in the stream during surveys on October 21-22, 2000.

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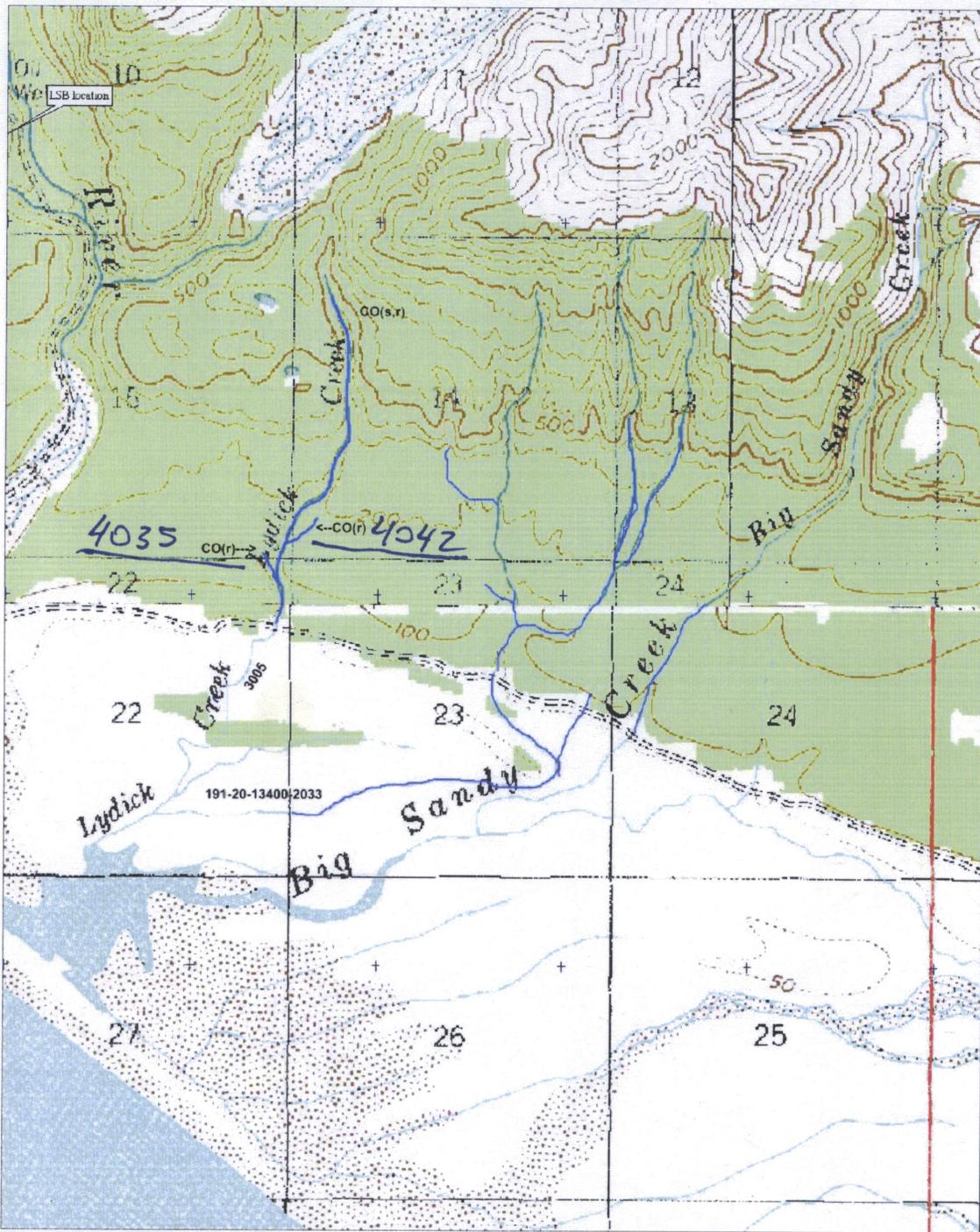
REGION II HABITAT AND RESTORATION DIVISION

Date: 1/31/01

Name of Observer (please print): Phil Mooney
 Signature: *Phil Mooney*
 Address: ADF&G, 304 Lake Street, Room 103
Sitka, AK 99835

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: *Phil Mooney*



EXTEND
STREAM
191-20-13400-
2033-3005
w/ CSR

ADD STREAMS
191-20-13400-
2033-3005-
4035 ;
4042 w/ CSR

STATE OF ALASKA

DEPARTMENT OF FISH AND GAME

HABITAT AND RESTORATION DIVISION

TONY KNOWLES, GOVERNOR

304 LAKE STREET, RM. 103
SITKA, AK 99835-7563
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May 1, 1999

Mike Cooney
TLO Timber Sale Administrator
P.O. Box 110149
Anchorage, AK 99511-0149

Dear Mr. Cooney,

On April 30, 1999 I conducted a stream survey of West Lydick Creek (catalogued stream #191-20-13400-3005-4021), bordering Unit 10. I began my survey at the ICB mainline road bridge and continued upstream until I was blocked by snow. My upstream position was approximately parallel to the swing yarder's location on the lower east end landing of Unit 10.

Adult coho salmon remains were found the entire length of the stream reach surveyed; approximately 7770' above the bridge. The system contains excellent spawning gravels throughout most of the main channel. There is one major west tributary and six east tributaries before the stream enters the notch at the foothills. The stream gradient does not exceed a 6% average over any 100' horizontal distance. When the stream enters the notch, the floodplain width is approximately 70'. Upstream from there it widens to 150'. Stream temperatures were 3.5° - 4° C during the survey and juveniles were not readily seen. Within two days following the survey, newly emerging fry as well as other coho juveniles were located.

The complete stream length also shows very heavy use by bears. There are den sites and day beds all along the stream. The main bear trail has many side trails and there are extensive salmonberry and elderberry thickets along many sections of the stream. Skunk cabbage, just emerging, is being utilized by bears at this time.

A 66' riparian buffer will need to be established from the edge of the cutting unit boundary with the stream. I recommend that as much non-merchantable timber be left as possible on the sideslopes between the stream and the slope break to benefit this obvious wildlife corridor.

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REGION II
HABITAT AND RESTORATION
DIVISION

Mr. Mike Cooney, Forest & Land Mgt., Inc.
West Lydick Creek – stream survey/Unit 10

May 1, 1999

I appreciate your cooperation and consideration. If you have any questions, please contact me.

Sincerely,

Phil Mooney
Sitka Area Habitat Biologist

cc: Bill Hanson, ADF&G, Juneau
Keith Burke, Citifor, W. ICB
Richard Sanders, Seward Forest Products, Palmer
Jim Eleazer, DOF, Juneau
Kevin Hanley, DEC, Juneau
Lisa Paerels, MHT, Anchorage