

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

AWC Volume SE SC SW W AR IN USGS Quad Seldovia B-5

Anadromous Water Catalog Number of Waterway 241-30-10500-2061

Name of Waterway English Bay River USGS name \_\_\_\_\_ Local name \_\_\_\_\_

Addition  Deletion \_\_\_\_\_ Correction \_\_\_\_\_ Backup Information \_\_\_\_\_

## For Office Use

Nomination # <u>94 292</u>	<u>JOA</u>	<u>11/19/94</u>
Revision Year: <u>'94</u>	Regional Supervisor	Date
Revision to: Atlas _____ Catalog _____	<u>Ed Weim</u>	<u>12/28/93</u>
Both <input checked="" type="checkbox"/>	<u>Z. Arone</u>	<u>1/28/94</u>
Revision Code: <u>A-2d</u>	Drafted	Date

## OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
<u>Coho Salmon - Juvenile</u>	<u>9-19-93</u>		<u>12</u>		<input checked="" type="checkbox"/>
<u>Dolly Varden - Juvenile</u>	<u>9-19-93</u>			<u>1</u>	

**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: Coho salmon fry distribution extended upstream to the spring which is a total barrier. Stream width is 2 meters throughout. Gradient is 1 percent. Predominant stream substrate is rubble, sand and gravel. Instream cover abundance is medium.

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Name of Observer (please print) KATHARIN SUNDET

NOV 03 1993

Date: 10/19/93

Signature: Katharin Sundet

REGION II  
HABITAT AND RESTORATION  
EMBI001

Address: 333 Raspberry

ANCHORAGE AK 99518

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: \_\_\_\_\_

Rev. 7/93

241-30-10500  
 STREAM HABITAT ASSESSMENT 1993 - SEGMENTS

STREAM: D-01 ~~English River~~ SEGMENT: D-01 DATE: 9/19/93 TEAM: wg/ics  
 ANADROMOUS:  n WIDTH (m): 2-2 LENGTH (m): 20 GPS DATE: \_\_\_/\_\_\_/\_\_\_ DIGITIZE: y n  
 WATERBODY: mainstem  tributary lake/pond wetland intertidal other: \_\_\_\_\_

FISH					WILDLIFE		
SPECIES	STAGE (A J U)	COUNT	METHOD (E V D)	COMMENTS	SPECIES	COUNT	COMMENTS
<u>Coho</u>	<u>1</u>	<u>4</u>	<u>E</u>		<u>yellowlegs</u>	<u>1</u>	
<u>Dolly</u>	<u>2</u>	<u>8</u>	<u>V</u>				
<u>Coho</u>							

GRADIENT(%): 1 CHANNEL PROFILE: V U U U U U  
 A B C D E F

CHANNEL PATTERN: single multi braided

STREAM SUBSTRATE: (rank three most predominant types)  
 BEDROCK \_\_\_ BOULDER \_\_\_ RUBBLE 1 COBBLE \_\_\_  
 GRAVEL 3 SAND 2 MUD/SILT \_\_\_ ORGANICS \_\_\_ OTHER: \_\_\_\_\_

STREAM COVER TYPE: ORGANIC DEBRIS  DEAD BRANCHES/TWIGS  LOGS \_\_\_ BOULDERS \_\_\_  
 CUT BANK  OVERHANGING VEGET.  OTHER: \_\_\_\_\_

STREAM COVER ABUNDANCE: none low medium high

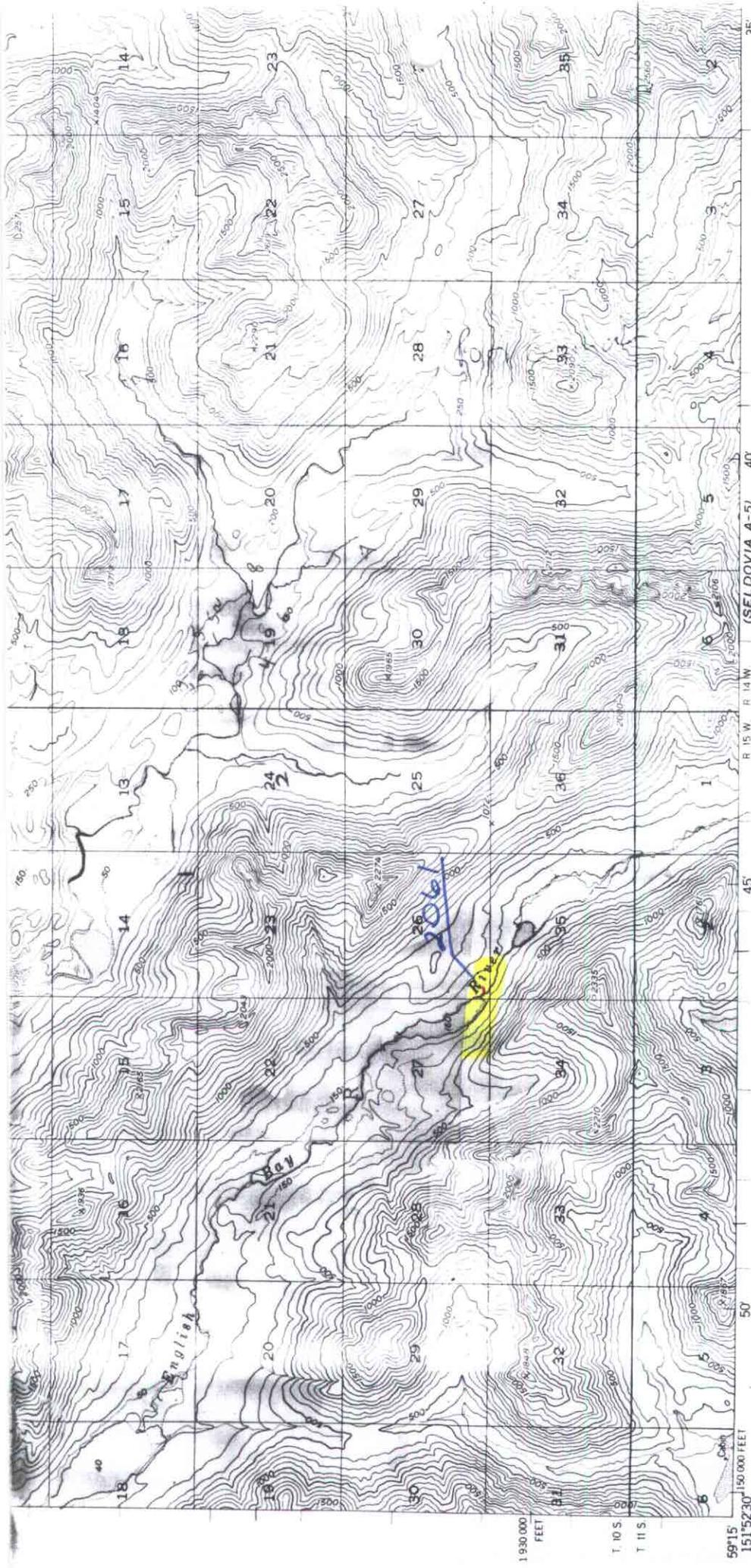
RIPARIAN VEGETATION (three most abundant plants in order of dominance) within 20m of the banks:  
 OVERSTORY: NONE  
 UNDERSTORY: Grass fern \_\_\_\_\_

CANOPY ABOVE STREAM: none low medium high  
 GROWTH: mature secondary shrubs meadow muskeg intertidal

TOTAL BARRIER?  n BARRIER TO SPECIES: All adults juveniles  
 TYPE: fall slide beaverdam logjam spring substrate HEIGHT (m): \_\_\_ DIST. FROM UPPER EXTENT (m): \_\_\_

PHOTO ROLL(s):		VIDEO TAPE(s):	
FRAME	DESCRIPTION	DATE	DESCRIPTION
<u>14</u>	<u>upper extent</u>		

Substrate: Bedrock (solid) Boulder >1' Rubble 6-12" Cobble 2-6" Gravel .1-2" Sand <.1"  
 (Please enter comments on the other side)



1930 000 FEET  
 T. 10 S  
 T. 11 S  
 59°15'  
 151°52'30" W  
 150 000 FEET  
 R. 15 W  
 R. 14 W  
 (SELDOVIA A-57)  
 SCALE 1:63360

241-30-10500 Trib D (CD-01)



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ADD STREAM  
 241-30-10500  
 w/ COR  
 USE

CONTOUR INTERVAL 100 FEET  
 DOTTED LINES REPRESENT 50 FOOT CONTOUR  
 NATIONAL GEODETIC VERTICAL DATUM OF 1929  
 DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOW TIDE  
 SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH TIDE  
 THE AVERAGE RANGE OF TIDE IS APPROXIMATELY 15 FEET

FOR SALE BY U. S. GEOLOGICAL SURVEY  
 FAIRBANKS, ALASKA 99701, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092  
 A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Mapped, edited, and published by the Geological Survey  
 Control by USCG&GS and USCE  
 Topography by photogrammetric methods from aerial photographs  
 taken 1951, field annotated 1951. Map not field checked  
 Selected hydrographic data compiled from USC&GS Charts  
 8531 and 8589. This information is not intended for  
 navigational purposes  
 Universal Transverse Mercator projection, 1927 North American datum  
 10,000-foot grid based on Alaska coordinate system, zone 4  
 1000-meter Universal Transverse Mercator grid ticks,  
 zone 5, shown in blue  
 Gray land lines represent unsurveyed and unmarked locations  
 predetermined by the Bureau of Land Management.  
 Folio S-16, Seward Meridian  
 Swamps, as portrayed, indicate only the wetter areas,  
 usually of low relief, as interpreted from aerial photographs  
 Lake elevations are unchecked

# MEMORANDUM

# State of Alaska

DEPARTMENT OF FISH & GAME

**TO:** Ed Weiss  
Habitat Biologist  
Region II  
Habitat and Restoration Division  
Department of Fish and Game

**DATE:** November 3, 1993

**FILE NO.:**

**TELEPHONE NO.:** 267-2295

**SUBJECT:** Anadromous Stream  
Nominations  
and Corrections  
Project R-51

**FROM:** Kathrin Sundet *KS*  
Habitat Biologist  
Region II  
Habitat and Restoration Division  
Department of Fish and Game

Attached are anadromous stream nominations and corrections to be included in the Anadromous Waters Catalog for 74 streams surveyed in the fall of 1993 on private lands held by the Port Graham, English Bay and Seldovia Native Corporations on the outer Kenai Peninsula.

Streams were surveyed by the Alaska Department of Fish and Game, Habitat and Restoration Division personnel, Kathrin Sundet, Jeff Barnhart, Dan Grey, and Wes Ghormley as part of Exxon Valdez Oil Spill Restoration project R-51 aka SHA (Stream Habitat Assessment).

Streams were surveyed on foot from the intertidal zone to the upper extent of anadromous fish distribution. Adult salmon and Dolly Varden were visually identified and enumerated. Juvenile salmon were visually identified in the stream, and then captured by electroshocking, dipnet, or minnow trap to confirm identification. Sampling was conducted periodically along the stream to determine the presence of juvenile salmon. No attempt was made to determine the rearing population sizes of juvenile salmon, or to determine the total escapement of adult salmon in a stream.

Stream data are on file at the Alaska Department of Fish and Game, Habitat and Restoration office, 333 Raspberry Road, Anchorage, Alaska.

cc: Lance Trasky  
Don McKay  
Mark Kuwada

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NOV 03 1993

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DIVISION