

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

English Bay River 241-30-10500
 Segment B-01

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

Anadromous Water Catalog Number of Waterway 241-30-10500-2039

Name of Waterway English Bay River USGS name _____ Local name _____

Addition Deletion _____ Correction _____ Backup Information _____

For Office Use

Nomination # <u>94 290</u>	<u>[Signature]</u>	<u>11/17/94</u>
Revision Year: <u>94</u>	Regional Supervisor	Date
Revision to: Atlas _____ Catalog _____	<u>ED Weir</u>	<u>12/28/93</u>
Both <input checked="" type="checkbox"/>	<u>J. Brone</u>	<u>1/28/94</u>
Revision Code: <u>A-2</u>	Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
<u>Coho Salmon - Juvenile</u>	<u>9-18-93</u>		<u>54</u>		<u>✓</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 to within 40 meters of the 1.5 meter high waterfall barrier. Stream width ranged from 4 meters at the mouth to 1.5 meters at the upper extent of salmon distribution. Gradient is 2 percent. Predominant stream substrate is gravel. In stream cover abundance is high.

ALASKA DEPT. OF
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Name of Observer (please print) KATHARIN SUNDET NOV 09 1993
 Date: 10/19/93 Signature: [Signature]
 Address: 833 Raspberry Anchorage AK 99518
 REGION II
 HABITAT AND RESTORATION
 DIVISION

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

ENGLISH

STREAM HABITAT ASSESSMENT 1993 - SEGMENTS

STREAM: 241-30-10500 SEGMENT: B-01 DATE: 09/18/83 TEAM: 93
 ANADROMOUS: n WIDTH (m): 4 - 1.5 LENGTH (m): 200m 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>J</u>	<u>4</u>	<u>D</u>		<u>MOOSE</u>		<u>TRACKS</u>
<u>COHO</u>	<u>J</u>	<u>50</u>	<u>V</u>		<u>COYOTE</u>		<u>TRACKS</u>
					<u>BEAR</u>		<u>FEAT</u>

GRADIENT(%): 1 CHANNEL PROFILE: A B C D E F
 CHANNEL PATTERN: single multi braided
 STREAM SUBSTRATE: (rank three most predominant types) BEDROCK BOULDER RUBBLE COBBLE
 GRAVEL 1 SAND 2 MUD/SILT 3 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: Spruce Cottonwood
 UNDERSTORY: SALMONBERRY WILLOW DEVIL'S CLUB

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 side beaverdam logjam spring substrate HEIGHT (m): 1.5 DIST. FROM UPPER EXTENT (m): 40

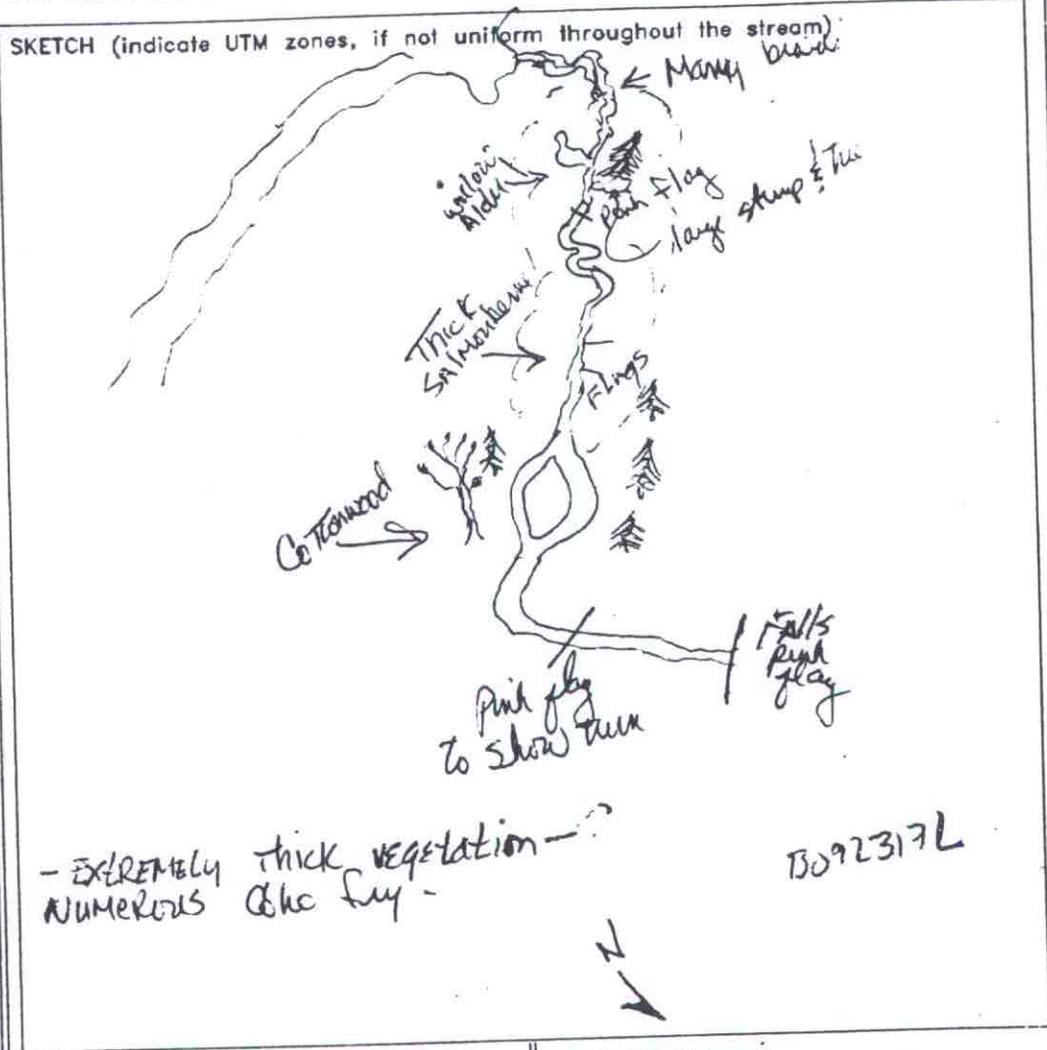
PHOTO ROLL(s): <u>HOMER-03</u>		VIDEO TAPE(s): <u> </u>	
FRAME	DESCRIPTION	DATE	DESCRIPTION
<u>4</u>	<u>Mid segment</u>		

Substrate: Bedrock (solid) Boulder >1' Rubble 8-12" Cobble 2-8" Gravel .1-2" Sand <.1"
 (Please enter comments on the other side)

INCREASING GRADIENT + LACK OF REARING / SPAWNING
HABITAT APPEARED TO DETERMINE THE ANADROMOUS
REACH.

DO NOT ENTER
STREAM HABITAT ASSESSMENT 1993 - STREAMS

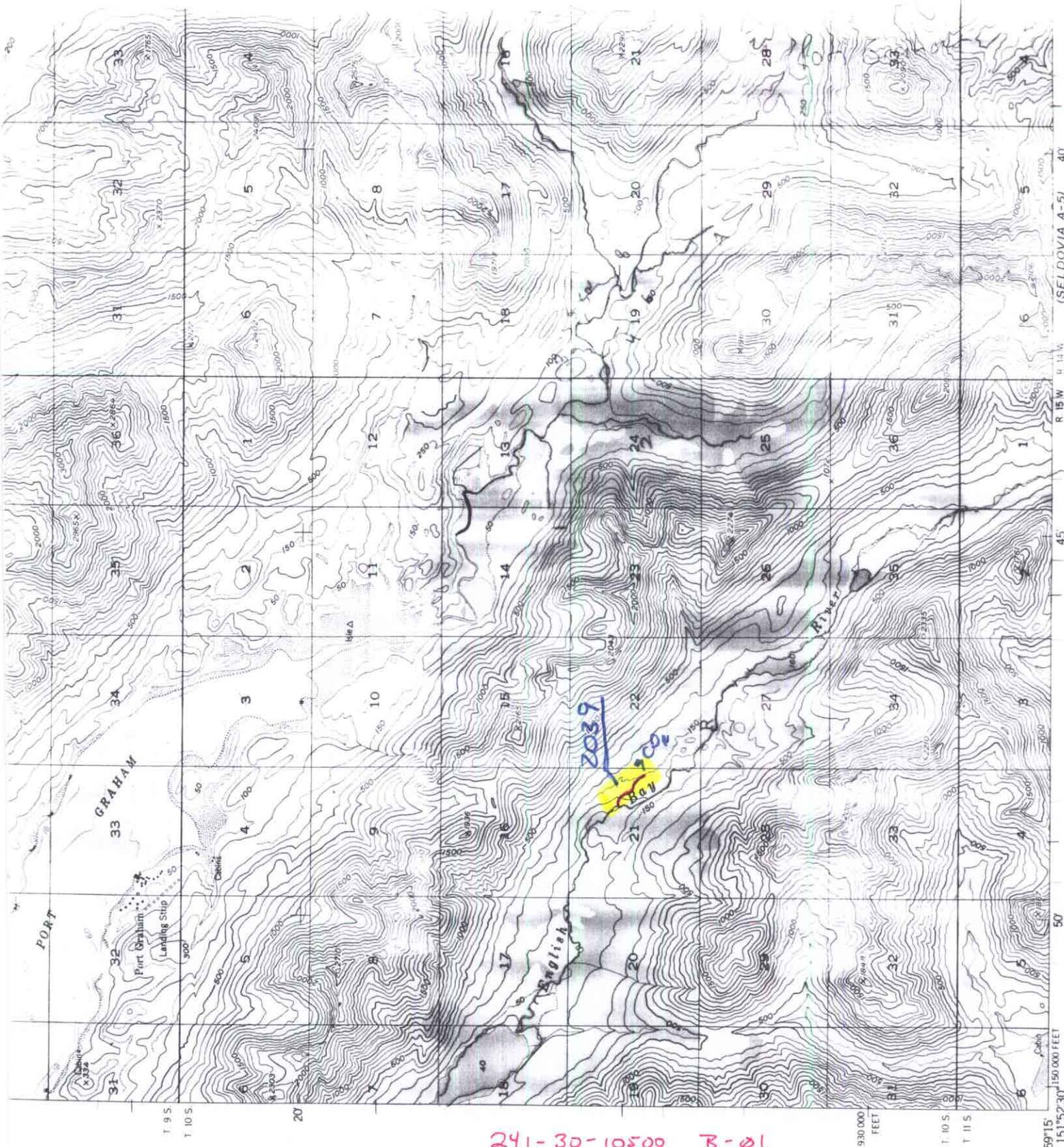
STREAM: **B** English River QUAD: _____ STAGE: H M **(L)**
 LANDOWNER: Chenega CAC Eyak Tatitlek Pt. Graham **(English Bay (circle one))**
 DATE(s): 9/18/93 UTM ZONE: S
 GPS FILES: _____



- EXTREMELY thick vegetation -
 NUMEROUS like fly -

PHOTO ROLL(s): _____		VIDEO TAPE(s): _____	
FRAME	DESCRIPTION	DATE	

(Please enter comments on the other side)



241-30-10500 B-01
(trib B)

ADD STREAM 241-30-10500-2039
w/ cor

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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FISH & GAME

NOV 03 1993

REGION II
HABITAT AND RESTORATION
11/3/93