



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

Nomination of Waters
Important to Anadromous Fish

Region: Southcentral

USGS Quad: SELDOVIA D-4

Anadromous Water Catalog Number of Waterway: 244-10-10010-2220

Name of Waterway: _____ USGS Name Local Name

Addition Deletion Correction Backup Information

For Office Use

| | | |
|--|-----------------------|----------------|
| Nomination # <u>99 172</u> | <u>[Signature]</u> | <u>2/7/00</u> |
| Revision Year: _____ | Regional Supervisor | Date |
| Revision to: Atlas _____ Catalog _____ | <u>[Signature]</u> | <u>2/7/00</u> |
| Both <u>X</u> | AWC Project Biologist | Date |
| Revision Code: <u>A-2</u> | <u>[Signature]</u> | <u>4/18/00</u> |
| | Drafted | Date |

OBSERVATION INFORMATION

| Species | Count | Date(s) Observed | Life Stage | Life History |
|-------------|-------|------------------|------------|--------------|
| coho salmon | 3 | 8/31/99 | Juvenile | Anadromous |

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 for station 02A07

Data collected during Habitat and Restoration Division's 1999 Southern Kenai Peninsula Fish Habitat Survey

Fish Sampling/Observation Method: Portable Electrofisher
Fish passage barrier at site: Ephemeral Fixed, Beaver Dam
Collected immediately below beaver dam.

Legal Description: SW 1/4 Section 31, T. 4 S., R. 11 W., S.M.
Latitude: 59.78474 **Longitude:** -151.240412

Sampling Time (s): 104
ALASKA DEPT. OF FISH & GAME
SEP 24 1999
REGION II
HABITAT AND RESTORATION DIVISION

Name of Observer: Michael Wiedmer
Signature: [Signature] Date: 9/24/99
Address: Habitat and Restoration Division
Alaska Department of Fish and Game
333 Raspberry Road
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: _____ Revision 9/99

Station 02A07 Survey Date 8/31/99 Survey Time: 1:30:00 PM

Team: Michael Wiedmer

Legal Description: SW 1/4 Section 31, T. 4 S., R. 11 W., S.M.

Jeff Davis, Doug Hill

Name of Waterway:

Latitude: 59.78474 Longitude: -151.24041 USGS Quad: SELDOVIA D-4

Elevation (m): 399

Anadromous Water Catalog Number:

Number Status:

Air temperature (°C): N/A 48 hr. Precip/Runoff: None/Trace

Stream Stage: Medium

Channel Type | '96 Rosgen Type:
'92 Tongass Type: PA1 Narrow placid flow channel

| Distance from bank (m) | Vegetation Classification of Riparian Area | | | |
|------------------------|--|--------------------------|------------|--------------------------|
| | Left bank | | Right bank | |
| 0 - 5 | IIB1a | Closed Tall Willow Shrub | IIB1a | Closed Tall Willow Shrub |
| 5 - 10 | IIB1a | Closed Tall Willow Shrub | IIB1a | Closed Tall Willow Shrub |
| 10 - 20 | IIB1a | Closed Tall Willow Shrub | IIB1a | Closed Tall Willow Shrub |
| 20 - 30 | IIB1a | Closed Tall Willow Shrub | IIB1a | Closed Tall Willow Shrub |

| Channel/Water Parameters | | | | Substrate Composition | |
|--------------------------|------|-------------------------|-------|-----------------------|----|
| Stream Gradient (%): | 1.5 | Water temperature (°C): | 8.5 | Organic (%): | 20 |
| Stream width (m): | 1.5 | Water Color/Clarity: | Humic | Clay/Silt (%): | |
| Left bank depth (m): | 0.19 | Velocity (m/s): | N/A | Sand (%): | 80 |
| Right bank depth (m): | 0.32 | Conductivity (µS/cm): | 30 | Gravel (%): | |
| Thalweg depth (m): | 0.35 | pH: | 7.5 | Cobble (%): | |
| | | | | Boulder (%): | |
| | | | | Bedrock (%): | |

Station Comments:

Wildlife Comments: Tall beaver dam immediately upstream of station.

Fish Observations

Species: coho salmon Life Stage: Juvenile Life History: Anadromous

Count: 3 Fish Sampling/Observation Method Portable Electrofisher

Fork lengths (mm): 85 80 88 Barrier: Ephemeraally Fixed, Beaver Dam

Comments: Collected immediately below beaver dam.

Species: Dolly Varden Life Stage: Juvenile Life History: Unknown

Count: 10 Fish Sampling/Observation Method Portable Electrofisher

Fork lengths (mm): 80 75 75 75 73 58 70 83 83 80 Barrier: Ephemeraally Fixed, Beaver Dam

Comments: Collected immediately below beaver dam.

Species: Dolly Varden Life Stage: Juvenile/Adult Life History: Unknown

Count: 4 Fish Sampling/Observation Method Portable Electrofisher

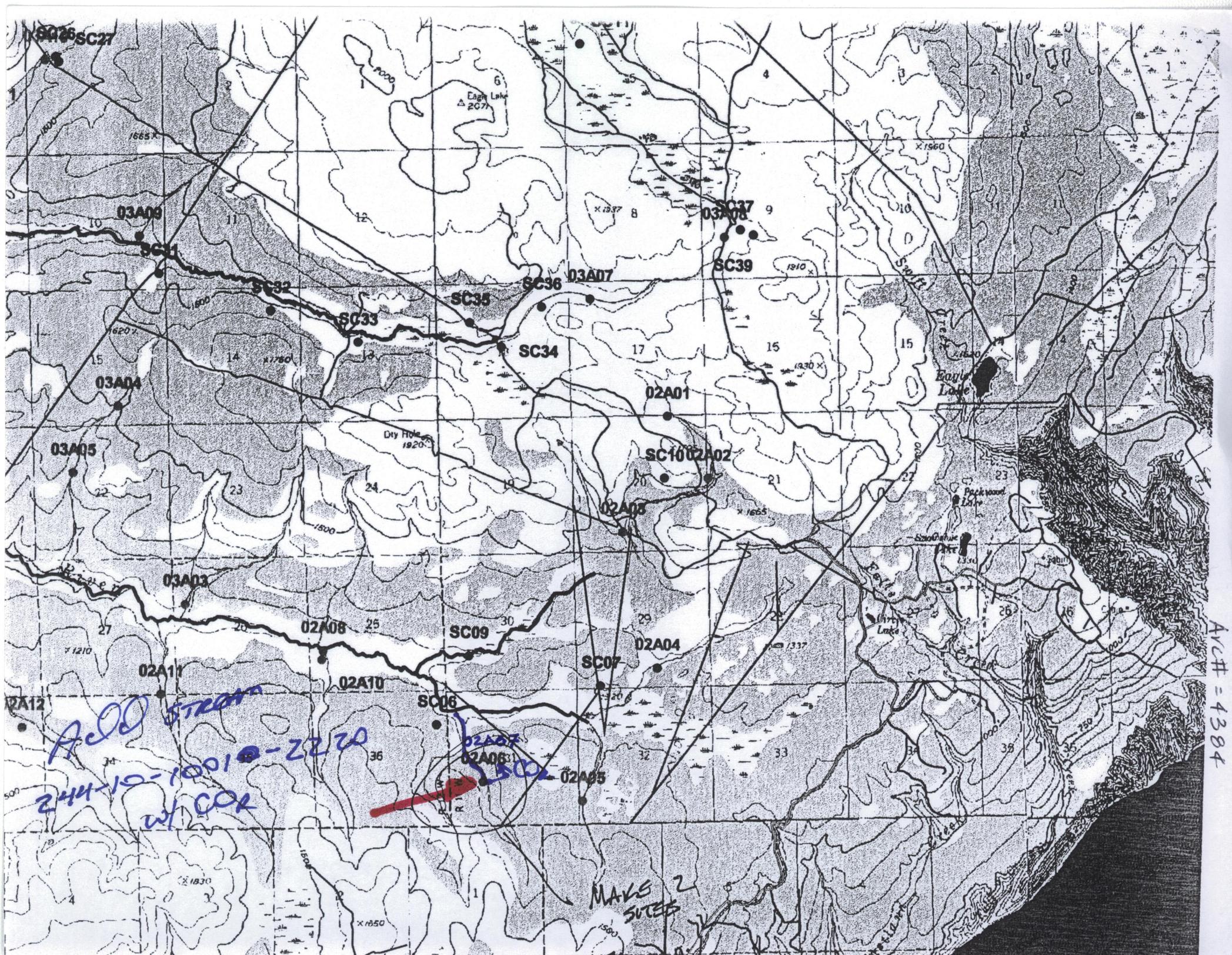
Fork lengths (mm): 90 86 86 134 Barrier: Ephemeraally Fixed, Beaver Dam

Comments: Collected immediately below beaver dam.

Habitat Units: Channel: Main Macro: Pool Meso: Scour Pool Micro: Mid-channel pool

| Cover | Aquatic Veg | Emerg. Veg | Overhang Veg | Undercut Bank | Bank | Rootwad | Log |
|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------------------|--------------------------|--------------------------|
| | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | Shrub/Debris | Debris Jam | Substrate | Turbidity | Depth | Human Debris | Slash |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Sampling Time (s): 104 Area (sq. m): 5 Efficiency (%): 30 Voltage: 1000 Wave form: M13



ADD STREAM
244-10-10010-2220
w/ COR

MAKE SITES

AV# = 4384