**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:** 244-10-10010-2201

**Name of Waterway:** _____ ☐ **USGS Name** ☐ **Local Name**

☑ **Addition** ☐ **Deletion** ☐ **Correction** ☐ **Backup Information**

**For Office Use**

| | | |
|---|---|---|
| **Nomination #** 99 175 | | |
| **Revision Year:** 00 | **Regional Supervisor** | 2/7/00 **Date** |
| **Revision to:** Atlas ____ Catalog ____ Both X | **AWC Project Biologist** | 2/7/00 **Date** |
| **Revision Code:** A-1 | **Drafted** | 4/17/00 **Date** |

**OBSERVATION INFORMATION**

| Species | Count | Date(s) Observed | Life Stage | Life History |
|---|---|---|---|---|
| coho salmon | 10 | 9/1/99 | 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 03A07

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

**Fish Sampling/Observation Method:** Portable Electrofisher **Sampling Time (s):** 187
**Fish passage barrier at site:** Specific Barrier Unknown

Series of beaver dams, coho caught above all, including one 2m high, 0.5m pool. 17+ beaver dams downstream of coho capture site.

Measurements refer to reach downstream of beaver dam complex. Channel PA1 upstream. Similar habitat extends another ~1 km upstream.

**Legal Description:** NW 1/4 Section 17, T. 4 S., R. 11 W., S.M.
**Latitude:** 59.83584 **Longitude:** -151.2155827

ALASKA DEPT. OF FISH & GAME
SEP 24 1999
REGION II
HABITAT AND RESTORATION DIVISION

Name of Observer: Michael Wiedmer
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** 03A07 **Survey Date** 9/1/99 **Survey Time:** 2:00:00 PM **Team:** Michael Wiedmer, Jeff Davis, Doug Hill

**Legal Description:** NW 1/4 Section 17, T. 4 S., R. 11 W., S.M.

**Name of Waterway:**

**Latitude:** 59.83584 **Longitude:** -151.21558 **USGS Quad:** SELDOVIA D-4 **Elevation (m):** 510

**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:** *MM1* Narrow mixed control channel

**Vegetation Classification of Riparian Area**

| Distance from bank (m) | Left bank | | Right bank | |
|---|---|---|---|---|
| 0 - 5 | *IIC1b* | Closed Low Willow Shrub | *IIC1b* | Closed Low Willow Shrub |
| 5 - 10 | *IIC1b* | Closed Low Willow Shrub | *IIC1b* | Closed Low Willow Shrub |
| 10 - 20 | *IIC1b* | Closed Low Willow Shrub | *IIC1b* | Closed Low Willow Shrub |
| 20 - 30 | *IIC2b* | Open Low Mixed Shrub-Sedge Tussock Bog | *IIC2b* | Open Low Mixed Shrub-Sedge Tussock Bog |

**Channel/Water Parameters**

| | | | |
|---|---|---|---|
| **Stream Gradient (%):** | 3 | **Water temperature (°C):** | 11 |
| **Stream width (m):** | 2.44 | **Water Color/Clarity:** | Humic |
| **Left bank depth (m):** | 0.15 | **Velocity (m/s):** | N/A |
| **Right bank depth (m):** | 0.06 | **Conductivity (µS/cm):** | 20 |
| **Thalweg depth (m):** | 0.21 | **pH:** | 7.6 |

**Substrate Composition**

| | |
|---|---|
| **Organic (%):** | |
| **Clay/Silt (%):** | |
| **Sand (%):** | |
| **Gravel (%):** | |
| **Cobble (%):** | 20 |
| **Boulder (%):** | 80 |
| **Bedrock (%):** | |

**Station Comments:** Measurements refer to reach downstream of beaver dam complex. Channel PA1 upstream. Similar habitat extends another ~1 km upstream.

**Wildlife Comments:** Active, extensive beaver use.

**Fish Observations**

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

**Count:** 12 **Fish Sampling/Observation Method** Portable Electrofisher

**Fork lengths (mm):** 89 82 118 99 110 143 137 139 150 115 **Barrier:** None

**Comments:**

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

**Count:** 10 **Fish Sampling/Observation Method** Portable Electrofisher

**Fork lengths (mm):** 89 70 68 86 83 78 83 85 82 84 **Barrier:** Specific Barrier Unknown

**Comments:** Series of beaver dams, coho caught above all, including one 2m

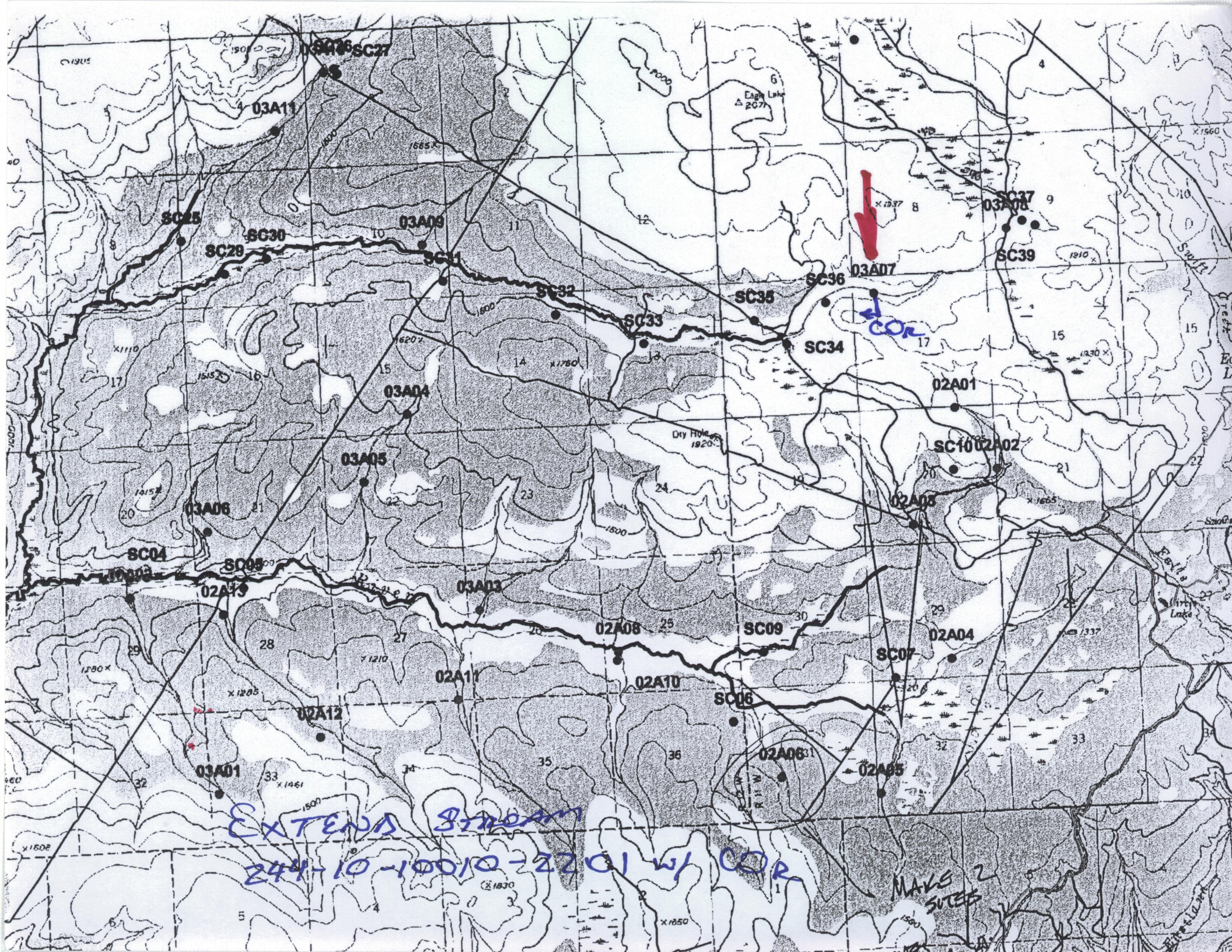
**Habitat Units:** **Channel:** Main **Macro:** **Meso:** **Micro:**

**Cover**

| Aquatic Veg | Emerg. Veg | Overhang Veg | Undercut Bank | Bank | Rootwad | Log |
|---|---|---|---|---|---|---|
| ☐ | ☐ | ☐ | ☑ | ☐ | ☐ | ☐ |

| Shrub/Debris | Debris Jam | Substrate | Turbidity | Depth | Human Debris | Slash | None |
|---|---|---|---|---|---|---|---|
| ☐ | ☐ | ☐ | ☐ | ☑ | ☐ | ☐ | ☐ |

**Sampling Time (s):** 187 **Area (sq. m):** 200 **Effeciency (%):** **Voltage:** 900 **Wave form:** M13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EXTEND STREAM
241-10-10010-2201 w/ COR
MAKE 2 SITES