State of Alaska
Department of Fish and Game
Division of Sport Fish

**Nomination Form**
**Anadromous Waters Catalog**

M E

Region: Central

USGS Quad(s): Tyonek A-4

AWC Number of Water Body: 247-20-10010-2020-3008

Name of Water body: Tributary of Lone Creek ☒ USGS Name (Lone Creek) ☐ Local Name

☒ Addition ☐ Deletion ☐ Correction ☐ Backup Information

**For Office Use**

Nomination #: 140265

Revision Year: 2015

Revision to: Atlas ____ Catalog ____ Both X

Revision Code: A-1, C-9

James J Hasbrouck — Fisheries Scientist — 9/3/2014 Date

Habitat Operations Manager — 9/3/14 Date

AWC Project Biologist — 7/31/14 Date

GIS Analyst — 9/5/14 Date

OBSERVATION INFORMATION

| Species | Date(s) Observed | Spawning | Rearing | Present | Anadromous |
|---|---|---|---|---|---|
| Coho Salmon | June, Aug, Sept. 2006 | | X | | ☒ |
| Coho Salmon | Aug 17, 2007 | | X | | ☒ |
| | | | | | ☐ |
| | | | | | ☐ |
| | | | | | ☐ |

**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** 39 Juvenile Coho salmon were captured in minnow traps during baseline studies in 2006. 12 juvenile coho salmon were captured in minnow traps on 8/17/07.

Extend stream w/ Coho Salmon Rearing, update hydrography

Name of Observer (please print): Josh Brekken

Signature: JhB

Date: 7/30/14

Agency: ADFG

Address: 333 Raspberry Rd
Anchorage, AK

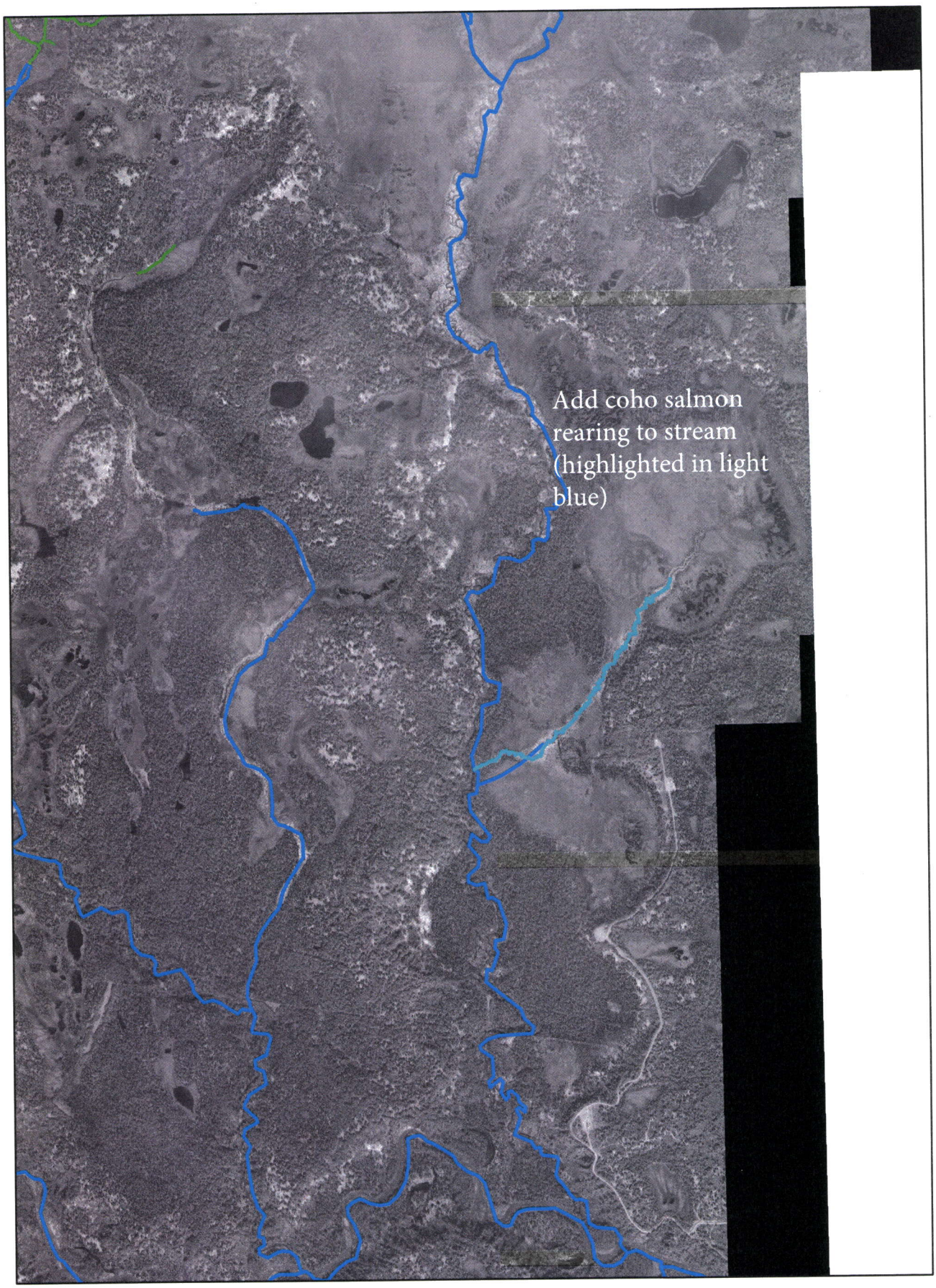
This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Anadromous Waters Catalog.

Signature of Area Biologist: _____ Date: _____

Name of Area Biologist (please print):

Revision 11/13

http://extra.sf.adfg.state.ak.us/FishResourceMonitor/?mode=awc
ADFG Fish Resource Monit...
File Edit View Favorites Tools Help
Google
Search
Share
More
National Weather Service ...
Main Page - GARDGuide
Suggested Sites
Web Slice Gallery
Sign In
Page
Safety
Tools
Fish Resource Monitor
Alaska Dept. of Fish And Game
Anadromous Waters
Fish Passage
Fish Inventory
AWC Overview
Sport Fish Home
User Guide
Feedback
About
Navigate
Identify
coordinate, township, or place name
Locate
AWC Species
Topo
Imagery
No Basemap
Legend
Creek
Add CO ~~and CK~~ rearing
1 km
1 mi
Map scale: 1:24000 Coordinates: Lat: 61.149° Long: -151.276°
100%


Add coho salmon rearing to stream (highlighted in light blue)

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**LEVEL**

No. 311

Fish Data
8/07 —

8/17/07 M. Miller, L Anders

2002-4

C @ 9:00

| | |
|---|---|
| SB | 63 |
| SB | 40 |
| SB | 60 |
| SB | 63 |
| SB | 62 |
| SB | 63 |
| SB | 67 |
| SB | 53 |
| SB | 67 |
| SB | 66 |
| SB | 45 |
| SB | 46 |

| | |
|---|---|
| CO | 54 |
| CO | 61 |
| CO | 58 |
| CO | 52 |
| CO | 51 |
| CO | 60 |
| CO | 114 |

B

| | |
|---|---|
| CO | 132 |
| LO | 143 |
| LO | 109 |
| LO | 107 |
| LO | 100 |

A empty

KM

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 940 | 21.25 | 2002-4-A | 2002 | 4 | A | 2 | . | . | . | . | . | . | . | . | 2 | . | . | . | 4 | |
| 802 | 25.63 | 2002-4-A | 2002 | 4 | A | . | . | . | . | . | . | . | . | 9 | . | . | . | . | 9 | 3 leach dytiscid |
| 958 | 15.68 | 2002-4-A | 2002 | 4 | A | . | . | . | . | . | . | . | . | 3 | 4 | . | . | . | 7 | 5 beetl |
| 1150 | 21.23 | 2002-4-A | 2002 | 4 | A | . | . | . | . | . | . | . | . | 9 | . | . | . | . | 9 | 2 |
| 1245 | 22.17 | 2002-4-A | 2002 | 4 | A | 1 | . | . | . | . | . | 1 | . | 8 | 55 | . | . | . | 65 | |
| 1147 | 22.28 | 2002-4-A | 2002 | 4 | A | 3 | . | . | . | . | . | . | . | 1 | . | . | . | . | 4 | |
| 1430 | 25.50 | 2002-4-A | 2002 | 4 | A | 5 | . | . | . | . | . | . | . | . | 7 | . | . | . | 12 | |
| 1650 | 27.33 | 2002-4-B | 2002 | 4 | B | 1 | . | . | . | . | . | . | . | . | 3 | . | . | . | 4 | |
| 945 | 21.50 | 2002-4-B | 2002 | 4 | B | 1 | . | . | . | . | . | . | . | 1 | 1 | . | . | . | 3 | |
| 750 | 25.38 | 2002-4-B | 2002 | 4 | B | . | . | . | . | . | . | . | . | 2 | . | . | . | . | 2 | |
| 951 | 15.52 | 2002-4-B | 2002 | 4 | B | . | . | . | . | . | . | . | . | 9 | 3 | . | . | . | 12 | 2 leech |
| 1157 | 21.48 | 2002-4-B | 2002 | 4 | B | . | . | . | . | . | . | . | . | 12 | 11 | . | . | . | 23 | dityti |
| 1300 | 22.33 | 2002-4-B | 2002 | 4 | B | 4 | . | . | . | . | . | . | . | 2 | 14 | . | . | . | 20 | |
| 1143 | 22.13 | 2002-4-B | 2002 | 4 | B | 3 | . | . | . | . | . | . | . | . | 1 | . | . | . | 4 | |
| 1445 | 27.08 | 2002-4-B | 2002 | 4 | B | . | . | . | . | . | . | . | . | 6 | 23 | . | . | . | 29 | |
| 1640 | 27.33 | 2002-4-C | 2002 | 4 | C | 2 | 1 | . | . | . | . | . | . | . | . | . | . | . | 3 | |
| 955 | 21.58 | 2002-4-C | 2002 | 4 | C | 1 | . | . | . | . | . | . | . | . | 2 | . | . | . | 3 | |
| 756 | 25.45 | 2002-4-C | 2002 | 4 | C | . | . | . | . | . | . | . | . | 4 | . | . | . | . | 4 | |
| 945 | 15.42 | 2002-4-C | 2002 | 4 | C | . | . | . | . | . | . | . | . | 1 | . | . | . | . | 1 | |
| 1205 | 21.55 | 2002-4-C | 2002 | 4 | C | . | . | . | . | . | . | . | . | 10 | 10 | . | . | . | 20 | |
| 1305 | 22.33 | 2002-4-C | 2002 | 4 | C | 1 | . | . | . | . | . | . | . | . | . | . | . | . | 1 | |
| 1139 | 22.07 | 2002-4-C | 2002 | 4 | C | 10 | . | . | . | . | . | . | . | . | 2 | . | . | . | 12 | |
| 1415 | 26.50 | 2002-4-C | 2002 | 4 | C | 3 | . | . | . | . | . | . | . | . | 10 | . | . | . | 13 | |

| 27-Jun-06 | 2002-4-C | 2002 | 4 | C | CO | 128 | |
|---|---|---|---|---|---|---|---|
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| 11-Jul-06 | 2002-4-A | 2002 | 4 | A | 3-STB | 48 | |
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| 11-Jul-06 | 2002-4-A | 2002 | 4 | A | 3-STB | 53 | |
| 11-Jul-06 | 2002-4-A | 2002 | 4 | A | 3-STB | 47 | |
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| 11-Jul-06 | 2002-4-B | 2002 | 4 | B | 3-STB | 48 | Dead |
| 11-Jul-06 | 2002-4-B | 2002 | 4 | B | 3-STB | 60 | |
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| 25-Jul-06 | 2002-4-A | 2002 | 4 | A | 9-STB | 51 | |
| 25-Jul-06 | 2002-4-B | 2002 | 4 | B | 3-STB | 52 | |
| 25-Jul-06 | 2002-4-B | 2002 | 4 | B | 3-STB | 56 | |
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| 25-Jul-06 | 2002-4-B | 2002 | 4 | B | 9-STB | 59 | |
| 25-Jul-06 | 2002-4-B | 2002 | 4 | B | 3-STB | 42 | |
| 25-Jul-06 | 2002-4-B | 2002 | 4 | B | 3-STB | 46 | |
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| 25-Jul-06 | 2002-4-B | 2002 | 4 | B | 9-STB | 56 | |
| 25-Jul-06 | 2002-4-B | 2002 | 4 | B | 3-STB | 50 | |
| 25-Jul-06 | 2002-4-B | 2002 | 4 | B | 3-STB | 52 | |
| 25-Jul-06 | 2002-4-B | 2002 | 4 | B | 3-STB | 49 | |
| 25-Jul-06 | 2002-4-B | 2002 | 4 | B | 3-STB | 60 | |
| 25-Jul-06 | 2002-4-C | 2002 | 4 | C | 3-STB | 60 | |
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| 8-Aug-06 | 2002-4-A | 2002 | 4 | A | 3-STB | 22 | |
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| 8-Aug-06 | 2002-4-A | 2002 | 4 | A | 3-STB | 32 | |
| 8-Aug-06 | 2002-4-A | 2002 | 4 | A | 3-STB | 23 | |
| 8-Aug-06 | 2002-4-A | 2002 | 4 | A | 3-STB | 25 | |
| 8-Aug-06 | 2002-4-B | 2002 | 4 | B | 3-STB | 53 | |
| 8-Aug-06 | 2002-4-B | 2002 | 4 | B | 3-STB | 54 | |
| 8-Aug-06 | 2002-4-B | 2002 | 4 | B | 9-STB | 36 | |
| 8-Aug-06 | 2002-4-B | 2002 | 4 | B | 3-STB | 48 | |
| 8-Aug-06 | 2002-4-B | 2002 | 4 | B | 9-STB | 32 | |
| 8-Aug-06 | 2002-4-B | 2002 | 4 | B | 3-STB | 52 | |
| 8-Aug-06 | 2002-4-B | 2002 | 4 | B | 9-STB | 37 | |
| 8-Aug-06 | 2002-4-B | 2002 | 4 | B | 9-STB | 40 | |
| 8-Aug-06 | 2002-4-B | 2002 | 4 | B | 3-STB | 62 | |
| 8-Aug-06 | 2002-4-B | 2002 | 4 | B | 9-STB | 40 | |
| 8-Aug-06 | 2002-4-B | 2002 | 4 | B | 3-STB | 50 | |
| 8-Aug-06 | 2002-4-B | 2002 | 4 | B | 3-STB | 35 | |
| 8-Aug-06 | 2002-4-B | 2002 | 4 | B | 3-STB | 32 | |
| 8-Aug-06 | 2002-4-B | 2002 | 4 | B | 9-STB | 54 | |
| 8-Aug-06 | 2002-4-B | 2002 | 4 | B | 3-STB | 34 | |
| 8-Aug-06 | 2002-4-B | 2002 | 4 | B | 3-STB | 36 | |
| 8-Aug-06 | 2002-4-B | 2002 | 4 | B | 9-STB | 41 | |
| 8-Aug-06 | 2002-4-B | 2002 | 4 | B | 9-STB | 34 | |
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| 8-Aug-06 | 2002-4-B | 2002 | 4 | B | 3-STB | 53 | |
| 8-Aug-06 | 2002-4-B | 2002 | 4 | B | 9-STB | 35 | |
| 8-Aug-06 | 2002-4-B | 2002 | 4 | B | 3-STB | 61 | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 23-Aug-06 | 2002-4-A | 2002 | 4 | A | 9-STB | 45 | |
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| 23-Aug-06 | 2002-4-A | 2002 | 4 | A | 9-STB | 44 | |
| 23-Aug-06 | 2002-4-A | 2002 | 4 | A | 9-STB | 43 | |
| 23-Aug-06 | 2002-4-A | 2002 | 4 | A | 9-STB | 44 | |
| 23-Aug-06 | 2002-4-A | 2002 | 4 | A | 9-STB | 46 | |
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| 23-Aug-06 | 2002-4-A | 2002 | 4 | A | 9-STB | 43 | |
| 23-Aug-06 | 2002-4-A | 2002 | 4 | A | 9-STB | 49 | |
| 23-Aug-06 | 2002-4-A | 2002 | 4 | A | 9-STB | 37 | |
| 23-Aug-06 | 2002-4-A | 2002 | 4 | A | 9-STB | 44 | |
| 23-Aug-06 | 2002-4-A | 2002 | 4 | A | 9-STB | 39 | |
| 23-Aug-06 | 2002-4-A | 2002 | 4 | A | 9-STB | 38 | |
| 23-Aug-06 | 2002-4-A | 2002 | 4 | A | 9-STB | 50 | |
| 23-Aug-06 | 2002-4-A | 2002 | 4 | A | 9-STB | 52 | |
| 23-Aug-06 | 2002-4-A | 2002 | 4 | A | 9-STB | 40 | |
| 23-Aug-06 | 2002-4-A | 2002 | 4 | A | 9-STB | 42 | |
| 23-Aug-06 | 2002-4-A | 2002 | 4 | A | 9-STB | 50 | |
| 23-Aug-06 | 2002-4-A | 2002 | 4 | A | 9-STB | 51 | |
| 23-Aug-06 | 2002-4-A | 2002 | 4 | A | 9-STB | 41 | |
| 23-Aug-06 | 2002-4-A | 2002 | 4 | A | 9-STB | 46 | |
| 23-Aug-06 | 2002-4-A | 2002 | 4 | A | 9-STB | 35 | |
| 23-Aug-06 | 2002-4-A | 2002 | 4 | A | 3-STB | 53 | |
| 23-Aug-06 | 2002-4-A | 2002 | 4 | A | 9-STB | 44 | |
| 23-Aug-06 | 2002-4-A | 2002 | 4 | A | 9-STB | 40 | |
| 23-Aug-06 | 2002-4-A | 2002 | 4 | A | S9 | 42 | |
| 23-Aug-06 | 2002-4-A | 2002 | 4 | A | 3-STB | 60 | |
| 23-Aug-06 | 2002-4-A | 2002 | 4 | A | 3-STB | 58 | |
| 23-Aug-06 | 2002-4-A | 2002 | 4 | A | 9-STB | 56 | |
| 23-Aug-06 | 2002-4-A | 2002 | 4 | A | 9-STB | 36 | |
| 23-Aug-06 | 2002-4-A | 2002 | 4 | A | 9-STB | 36 | |
| 23-Aug-06 | 2002-4-A | 2002 | 4 | A | 9-STB | 43 | |
| 23-Aug-06 | 2002-4-A | 2002 | 4 | A | 9-STB | 44 | |
| 23-Aug-06 | 2002-4-A | 2002 | 4 | A | 9-STB | 38 | |
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| 23-Aug-06 | 2002-4-A | 2002 | 4 | A | 9-STB | 45 | |
| 23-Aug-06 | 2002-4-A | 2002 | 4 | A | 9-STB | 44 | |
| 23-Aug-06 | 2002-4-A | 2002 | 4 | A | 9-STB | 36 | |
| 23-Aug-06 | 2002-4-A | 2002 | 4 | A | 9-STB | 43 | |
| 23-Aug-06 | 2002-4-A | 2002 | 4 | A | 9-STB | 37 | |
| 23-Aug-06 | 2002-4-A | 2002 | 4 | A | 9-STB | 66 | |
| 23-Aug-06 | 2002-4-A | 2002 | 4 | A | 9-STB | 42 | |
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| 23-Aug-06 | 2002-4-A | 2002 | 4 | A | 3-STB | 54 | |
| 23-Aug-06 | 2002-4-A | 2002 | 4 | A | 9-STB | 55 | |
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| 23-Aug-06 | 2002-4-A | 2002 | 4 | A | 3-STB | 76 | |
| 23-Aug-06 | 2002-4-B | 2002 | 4 | B | 9-STB | 27 | |
| 23-Aug-06 | 2002-4-B | 2002 | 4 | B | 9-STB | 39 | |
| 23-Aug-06 | 2002-4-B | 2002 | 4 | B | 3-STB | 55 | |
| 23-Aug-06 | 2002-4-B | 2002 | 4 | B | 9-STB | 42 | |
| 23-Aug-06 | 2002-4-B | 2002 | 4 | B | 9-STB | 37 | |
| 23-Aug-06 | 2002-4-B | 2002 | 4 | B | 9-STB | 40 | |
| 23-Aug-06 | 2002-4-B | 2002 | 4 | B | 9-STB | 33 | |
| 23-Aug-06 | 2002-4-B | 2002 | 4 | B | 9-STB | 51 | |
| 23-Aug-06 | 2002-4-B | 2002 | 4 | B | 9-STB | 56 | |
| 23-Aug-06 | 2002-4-B | 2002 | 4 | B | 9-STB | 48 | |
| 23-Aug-06 | 2002-4-B | 2002 | 4 | B | 3-STB | 53 | |
| 23-Aug-06 | 2002-4-B | 2002 | 4 | B | 9-STB | 37 | |
| 23-Aug-06 | 2002-4-B | 2002 | 4 | B | 9-STB | 34 | |
| 23-Aug-06 | 2002-4-B | 2002 | 4 | B | 9-STB | 47 | |
| 23-Aug-06 | 2002-4-B | 2002 | 4 | B | 9-STB | 41 | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
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| 23-Sep-06 | 2002-4-A | 2002 | 4 | A | CO | 111 | |
| 23-Sep-06 | 2002-4-A | 2002 | 4 | A | 9-STB | 58 | |
| 23-Sep-06 | 2002-4-A | 2002 | 4 | A | CO | 90 | |
| 23-Sep-06 | 2002-4-A | 2002 | 4 | A | CO | 82 | |
| 23-Sep-06 | 2002-4-A | 2002 | 4 | A | 9-STB | 37 | |
| 23-Sep-06 | 2002-4-B | 2002 | 4 | B | 9-STB | 34 | |
| 23-Sep-06 | 2002-4-B | 2002 | 4 | B | 9-STB | 58 | |
| 23-Sep-06 | 2002-4-B | 2002 | 4 | B | 9-STB | 48 | |
| 23-Sep-06 | 2002-4-B | 2002 | 4 | B | 9-STB | 38 | |
| 23-Sep-06 | 2002-4-B | 2002 | 4 | B | 3-STB | 60 | |
| 23-Sep-06 | 2002-4-B | 2002 | 4 | B | 9-STB | 49 | |
| 23-Sep-06 | 2002-4-B | 2002 | 4 | B | 9-STB | 55 | |
| 23-Sep-06 | 2002-4-B | 2002 | 4 | B | 9-STB | 48 | |
| 23-Sep-06 | 2002-4-B | 2002 | 4 | B | 9-STB | 39 | |
| 23-Sep-06 | 2002-4-B | 2002 | 4 | B | 3-STB | 70 | |
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| 23-Sep-06 | 2002-4-B | 2002 | 4 | B | 9-STB | 37 | |
| 23-Sep-06 | 2002-4-B | 2002 | 4 | B | 9-STB | 60 | |
| 23-Sep-06 | 2002-4-B | 2002 | 4 | B | 9-STB | 46 | |
| 23-Sep-06 | 2002-4-B | 2002 | 4 | B | 9-STB | 69 | |
| 23-Sep-06 | 2002-4-B | 2002 | 4 | B | 9-STB | 57 | |
| 23-Sep-06 | 2002-4-B | 2002 | 4 | B | 9-STB | 44 | |
| 23-Sep-06 | 2002-4-B | 2002 | 4 | B | 3-STB | 60 | |
| 23-Sep-06 | 2002-4-B | 2002 | 4 | B | 9-STB | 38 | |
| 23-Sep-06 | 2002-4-B | 2002 | 4 | B | 9-STB | 72 | |
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| 23-Sep-06 | 2002-4-B | 2002 | 4 | B | 9-STB | 56 | |
| 23-Sep-06 | 2002-4-B | 2002 | 4 | B | 9-STB | 51 | |
| 23-Sep-06 | 2002-4-B | 2002 | 4 | B | 3-STB | 60 | |
| 23-Sep-06 | 2002-4-B | 2002 | 4 | B | 3-STB | 60 | |
| 23-Sep-06 | 2002-4-B | 2002 | 4 | B | 9-STB | 46 | |
| 23-Sep-06 | 2002-4-B | 2002 | 4 | B | 3-STB | 59 | |
| 23-Sep-06 | 2002-4-B | 2002 | 4 | B | 9-STB | 45 | |
| 23-Sep-06 | 2002-4-B | 2002 | 4 | B | 9-STB | 59 | |
| 23-Sep-06 | 2002-4-C | 2002 | 4 | C | CO | 126 | |
| 23-Sep-06 | 2002-4-C | 2002 | 4 | C | CO | 111 | |
| 23-Sep-06 | 2002-4-C | 2002 | 4 | C | CO | 84 | |
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| 23-Sep-06 | 2002-4-C | 2002 | 4 | C | 9-STB | 50 | |
| 23-Sep-06 | 2002-4-C | 2002 | 4 | C | 9-STB | 55 | |
| 23-Sep-06 | 2002-4-C | 2002 | 4 | C | 9-STB | 63 | |
| 23-Sep-06 | 2002-4-C | 2002 | 4 | C | 9-STB | 50 | |
| 23-Sep-06 | 2002-4-C | 2002 | 4 | C | 9-STB | 53 | |
| 23-Sep-06 | 2002-4-C | 2002 | 4 | C | 9-STB | 78 | |
| 23-Sep-06 | 2002-4-C | 2002 | 4 | C | 9-STB | 57 | |
| 23-Sep-06 | 2002-4-C | 2002 | 4 | C | 9-STB | 31 | |
| 23-Sep-06 | 2002-4-C | 2002 | 4 | C | 9-STB | 58 | |

DATE: 6-8-06 SITE ID: 2002-44

METHOD: MT INITIALS: SI-MD

| | SPECIES | LENGTH (mm) | | SPECIES | LENGTH (mm) |
|---|---|---|---|---|---|
| 1 | CO | 136 | 35 | | |
| 2 | CO | 140 | 36 | | |
| 3 | | | 37 | | |
| 4 | | | 38 | | |
| 5 | | | 39 | | |
| 6 | | | 40 | | |
| 7 | | | 41 | | |
| 8 | | | 42 | | |
| 9 | | | 43 | | |
| 10 | | | 44 | | |
| 11 | | | 45 | | |
| 12 | | | 46 | | |
| 13 | | | 47 | | |
| 14 | | | 48 | | |
| 15 | | | 49 | | |
| 16 | | | 50 | | |
| 17 | | | 51 | | |
| 18 | | | 52 | | |
| 19 | | | 53 | | |
| 20 | | | 54 | | |
| 21 | | | 55 | | |
| 22 | | | 56 | | |
| 23 | | | 57 | | |
| 24 | | | 58 | | |
| 25 | | | 59 | | |
| 26 | | | 60 | | |
| 27 | | | 61 | | |
| 28 | | | 62 | | |
| 29 | | | 63 | | |
| 30 | | | 64 | | |
| 31 | | | 65 | | |
| 32 | | | 66 | | |
| 33 | | | 67 | | |
| 34 | | | 68 | | |

| | | | |
|---|---|---|---|
| CK | CHINOOK | RT | RAINBOW TROUT |
| CO | COHO | CM | CHUM |
| PK | PINK | SB | STICKLEBACK |
| SO | SOCKEYE | OT | OTHER |
| DV | DOLLY VARDEN | UN | UNKNOWN |

DATE: 6-8-06 16:50 SITE ID: 2002 - 4 B
METHOD: MT INITIALS: SI / MS

| | SPECIES | LENGTH (mm) | | SPECIES | LENGTH (mm) |
|---|---|---|---|---|---|
| 1 | CO | 145 | 35 | | |
| 2 | 9-STB | 44 | 36 | | |
| 3 | 9-STB | 49 | 37 | | |
| 4 | 9-STB | 40 | 38 | | |
| 5 | | | 39 | | |
| 6 | | | 40 | | |
| 7 | | | 41 | | |
| 8 | | | 42 | | |
| 9 | | | 43 | | |
| 10 | | | 44 | | |
| 11 | | | 45 | | |
| 12 | | | 46 | | |
| 13 | | | 47 | | |
| 14 | | | 48 | | |
| 15 | | | 49 | | |
| 16 | | | 50 | | |
| 17 | | | 51 | | |
| 18 | | | 52 | | |
| 19 | | | 53 | | |
| 20 | | | 54 | | |
| 21 | | | 55 | | |
| 22 | | | 56 | | |
| 23 | | | 57 | | |
| 24 | | | 58 | | |
| 25 | | | 59 | | |
| 26 | | | 60 | | |
| 27 | | | 61 | | |
| 28 | | | 62 | | |
| 29 | | | 63 | | |
| 30 | | | 64 | | |
| 31 | | | 65 | | |
| 32 | | | 66 | | |
| 33 | | | 67 | | |
| 34 | | | 68 | | |

| | | | |
|---|---|---|---|
| CK | CHINOOK | RT | RAINBOW TROUT |
| CO | COHO | CM | CHUM |
| PK | PINK | SB | STICKLEBACK |
| SO | SOCKEYE | OT | OTHER |
| DV | DOLLY VARDEN | UN | UNKNOWN |

DATE: 6-8-06 ~~14:50~~ 16:40 SITE ID: ~~2002-4~~ 2002-4E

METHOD: MT INITIALS: JF / MJ

| | SPECIES | LENGTH (mm) | | SPECIES | LENGTH (mm) |
|---|---|---|---|---|---|
| 1 | GR CK | ~~56~~ 135 | 35 | | |
| 2 | CO | 138 | 36 | | |
| 3 | CO | 148 | 37 | | |
| 4 | | | 38 | | |
| 5 | | | 39 | | |
| 6 | | | 40 | | |
| 7 | | | 41 | | |
| 8 | | | 42 | | |
| 9 | | | 43 | | |
| 10 | | | 44 | | |
| 11 | | | 45 | | |
| 12 | | | 46 | | |
| 13 | | | 47 | | |
| 14 | | | 48 | | |
| 15 | | | 49 | | |
| 16 | | | 50 | | |
| 17 | | | 51 | | |
| 18 | | | 52 | | |
| 19 | | | 53 | | |
| 20 | | | 54 | | |
| 21 | | | 55 | | |
| 22 | | | 56 | | |
| 23 | | | 57 | | |
| 24 | | | 58 | | |
| 25 | | | 59 | | |
| 26 | | | 60 | | |
| 27 | | | 61 | | |
| 28 | | | 62 | | |
| 29 | | | 63 | | |
| 30 | | | 64 | | |
| 31 | | | 65 | | |
| 32 | | | 66 | | |
| 33 | | | 67 | | |
| 34 | | | 68 | | |

| | | | |
|---|---|---|---|
| CK | CHINOOK | RT | RAINBOW TROUT |
| CO | COHO | CM | CHUM |
| PK | PINK | SB | STICKLEBACK |
| SO | SOCKEYE | OT | OTHER |
| DV | DOLLY VARDEN | UN | UNKNOWN |

## Johnson, J D (DFG)

**From:** Brekken, Josh M (DFG)
**Sent:** Thursday, July 31, 2014 11:00 AM
**To:** Johnson, J D (DFG)
**Subject:** FW: AWC Nomination for 247-20-10010-2020-3008
**Attachments:** 2002EasternTribAWCApp2.pdf; 2002EasternTrib.zip

WP 73 taken during site visit.

| WP | Lat | Long |
|---|---|---|
| 73 | 61.1544 N | 151.27606 W |

**From:** Brekken, Josh M (DFG)
**Sent:** Wednesday, July 30, 2014 12:56 PM
**To:** Johnson, J D (DFG)
**Subject:** AWC Nomination for 247-20-10010-2020-3008

J,
Attached is a nomination form to extend coho salmon rearing in stream 247-20-10010-2020-3008 based on data gathered during baseline studies for the Chuitna Coal Mine. Kate and I visited the site a few weeks ago, but did not do any additional minnow trapping. I've also attached the map files, which include a slight correction of the portion of the stream that was already listed in the AWC. Please let me know if you have any questions or need additional information. Thanks.

**Josh Brekken**
Habitat Biologist
Alaska Department of Fish and Game
Division of Habitat
333 Rasperry Road
Anchorage, AK 99518
(907) 267-2113

## Johnson, J D (DFG)

**From:** Brekken, Josh M (DFG)
**Sent:** Thursday, July 31, 2014 3:19 PM
**To:** Johnson, J D (DFG)
**Subject:** RE: AWC Nomination for 247-20-10010-2020-3008

J,
The helicopter landed us a little upstream of the baseline minnow trap site. The upstream point on the arc I supplied was based on the location of the minnow traps during baseline sampling in 2006 and 2007. I confirmed the location from the baseline reports.

I'll try and touch base with you in person, but I'm heading to the field tomorrow and will only be in the office for a couple of days the rest of the month.

Josh

**From:** Johnson, J D (DFG)
**Sent:** Thursday, July 31, 2014 2:31 PM
**To:** Brekken, Josh M (DFG)
**Subject:** RE: AWC Nomination for 247-20-10010-2020-3008

Coordinates plot 441 meters past end of arc you supplied
Please drop by so we can establish upper pt

J. Johnson
AWC Project Biologist
907-267-2337

**From:** Brekken, Josh M (DFG)
**Sent:** Thursday, July 31, 2014 11:00 AM
**To:** Johnson, J D (DFG)
**Subject:** FW: AWC Nomination for 247-20-10010-2020-3008

WP 73 taken during site visit.

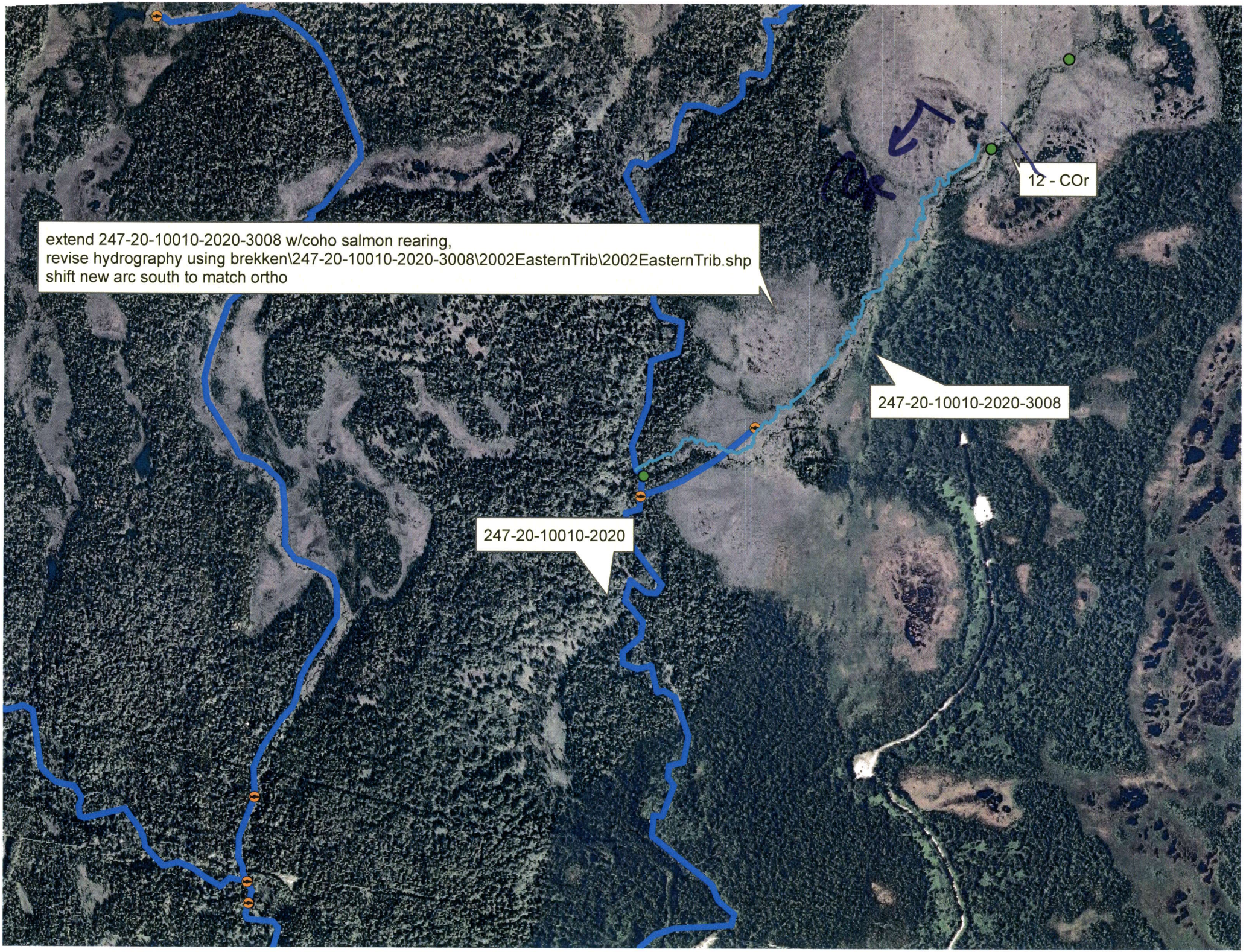
| WP | Lat | Long |
|---|---|---|
| 73 | 61.1544 N | 151.27606 W |

**From:** Brekken, Josh M (DFG)
**Sent:** Wednesday, July 30, 2014 12:56 PM
**To:** Johnson, J D (DFG)
**Subject:** AWC Nomination for 247-20-10010-2020-3008

J,
Attached is a nomination form to extend coho salmon rearing in stream 247-20-10010-2020-3008 based on data gathered during baseline studies for the Chuitna Coal Mine. Kate and I visited the site a few weeks ago, but did not do any additional minnow trapping. I've also attached the map files, which include a slight correction of the portion of the

stream that was already listed in the AWC. Please let me know if you have any questions or need additional information. Thanks.

**Josh Brekken**
Habitat Biologist
Alaska Department of Fish and Game
Division of Habitat
333 Rasperry Road
Anchorage, AK 99518
(907) 267-2113


extend 247-20-10010-2020-3008 w/coho salmon rearing,
revise hydrography using brekken\247-20-10010-2020-3008\2002EasternTrib\2002EasternTrib.shp
shift new arc south to match ortho
12 - COr
247-20-10010-2020-3008
247-20-10010-2020