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

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

M

Region: SCN | USGS Quad(s): TYONEK A-4

Anadromous Waters Catalog Number of Waterway: 247-20-10010

Name of Waterway: ☐ USGS Name ☐ Local Name

☑ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

| | | | |
|---|---|---|---|
| Nomination # | 09-~~212~~ 1573 | Fisheries Scientist | 10/30/09 Date |
| Revision Year: | 2010 | Habitat Operations Manager | 10/30/09 Date |
| Revision to: | Atlas ____ Catalog ____ Both X | AWC Project Biologist | 2/17/09 Date |
| Revision Code: | B-7 | Cartographer | 12/28/09 Date |

OBSERVATION INFORMATION

| Species | Date(s) Observed | Spawning | Rearing | Present | Anadromous |
|---|---|---|---|---|---|
| Coho salmon | May - July, 2008 | | X | X | ☑ |
| Coho salmon | May - Sept, 2008 | | X | 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:** Coho salmon juvenile observations recorded in Chuit River Freshwater Fish Studies, 2008 Progress Update and Data Report, April 21 - 23. Prepared by PacRim Coal LP By - LGL Alaska Research Associates, Inc August 6, 2008

July
Add coho salmon rearing to 247-20-10100 Should cite final report 2/18/09

Name of Observer (please print): Matt Nemeth

Signature: Matt Nemeth Date: 3-5-09

Agency: LGL Alaska Research Assoc, Inc

Address: 1101 E 76th Suite B
Anchorage AK 99507

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: _____ Revision 05/08

Name of Area Biologist (please print):

Table 2. Locations of sampling sites and camps in the Chuit River freshwater fish study through July 23, 2008. WGS84 datum.

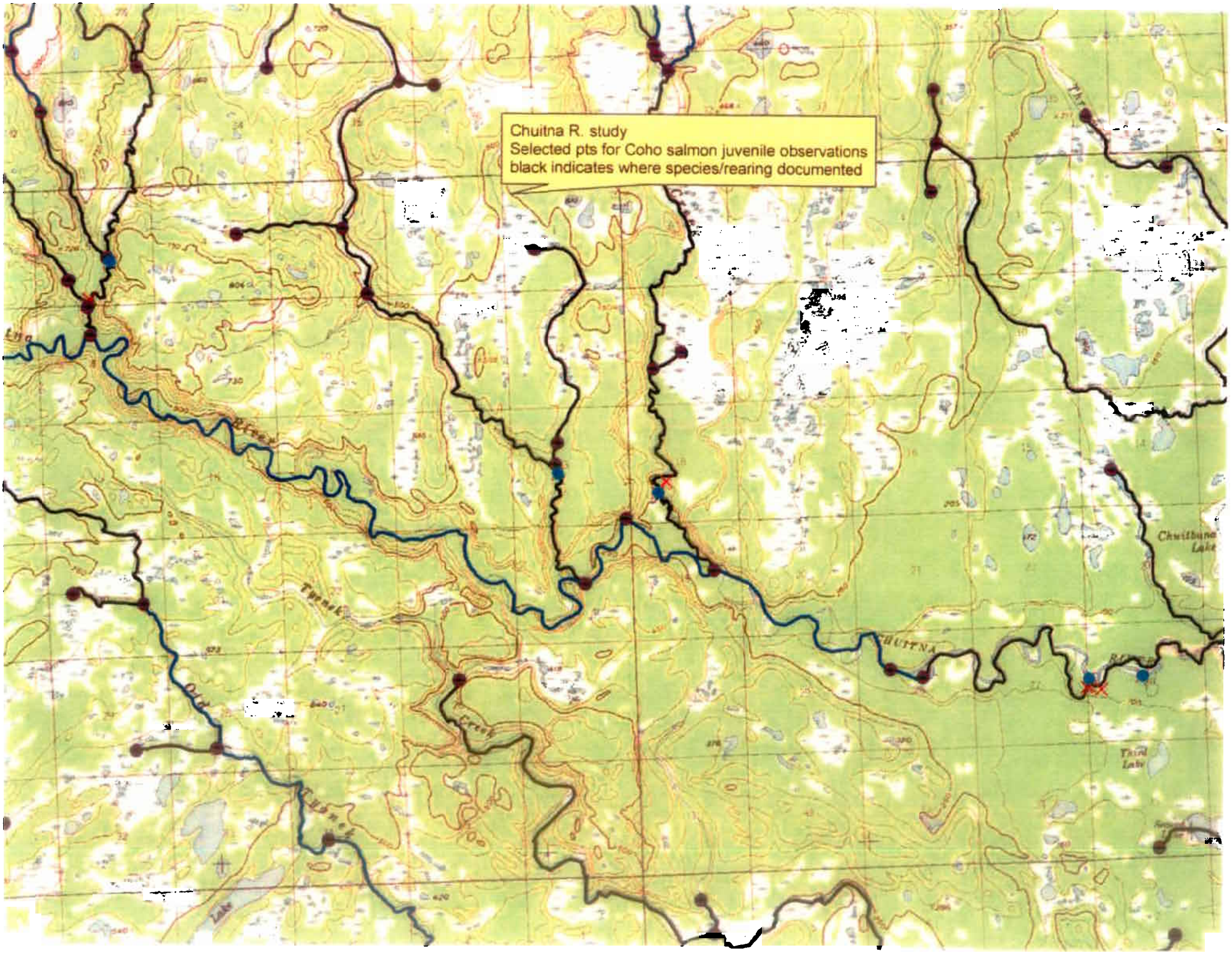
| Location | Latitude | Longitude |
|---|---|---|
| Stream 2002 | | |
| Weir | 61.12633 | 151.30415 |
| Camp | 61.12771 | 151.30199 |
| Stream 2003 | | |
| Weir | 61.12908 | 151.32979 |
| Stream 2004 | | |
| Weir | 61.15707 | 151.44278 |
| Fyke net | 61.15186 | 151.44899 |
| Camp | 61.15251 | 151.44841 |
| Chuit River | | |
| Rotary screw trap 1 (RST1) | 61.10175 | 151.19365 |
| Rotary screw trap 2 (RST2) | 61.10188 | 151.18002 |
| Fyke net and Gee traps 1, 2, and 3 | 61.10073 | 151.19418 |
| Gee trap 4 | 61.10083 | 151.19342 |
| Gee traps 5 and 6 | 61.10040 | 151.19037 |

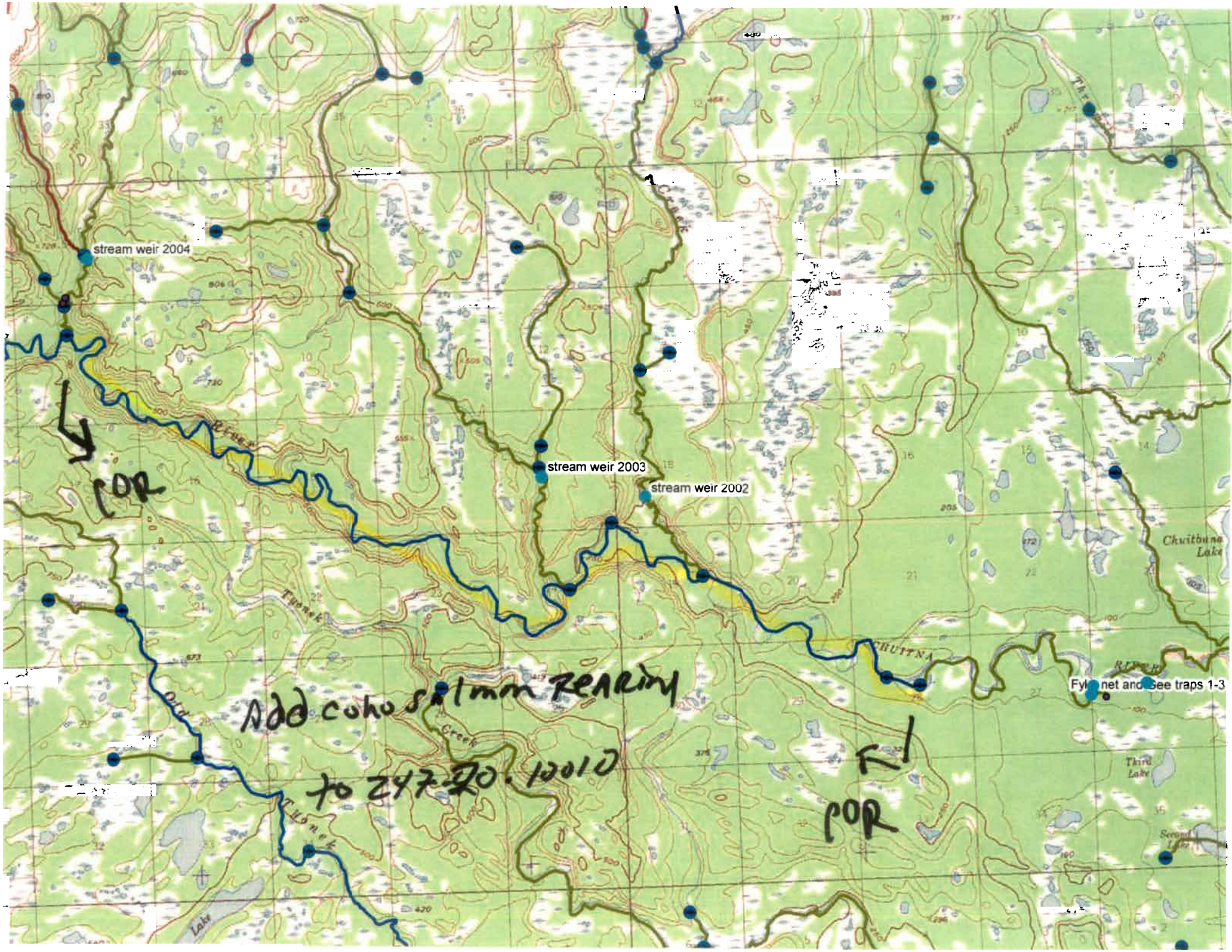
Table 4a. Fish catch by month in weirs on study streams 2002, 2003 and 2004 through July 23, 2008.

| | Weir 2002 | | | Weir 2003 | | | Weir 2004 | |
|---|---|---|---|---|---|---|---|---|
| Species | May | June | July | May | June | July | June | July |
| Lamprey (ammocoete) | 1 | 155 | 42 | 10 | 37 | 14 | 3 | 7 |
| Arctic lamprey | 6 | 264 | 19 | | 201 | 5 | 1 | 2 |
| Chinook salmon - adult | | | 2 | | | 1 | | 1 |
| Chinook salmon - juvenile | | 138 | 32 | 1 | 8 | 2 | 22 | 1 |
| Chum salmon - juvenile | | | | | | | 1 | |
| Coastrange sculpin | | | 8 | 1 | | 2 | | 17 |
| Coho salmon - adult | | | 4 | | | | | |
| Coho salmon - juvenile | 2 | 2,664 | 5,745 | 10 | 7,058 | 8,396 | 4,530 | 3,083 |
| Dolly Varden | | 3 | 1 | 61 | 45 | 1 | 37 | 3 |
| Ninespine stickleback | | | | | | | | |
| Pacific lamprey | | | 6 | | | | | |
| Pink salmon - adult | | | 1 | | | | | |
| Pink salmon - juvenile | | | | | | | | |
| Rainbow trout | | 23 | 14 | 4 | 14 | 12 | 49 | 75 |
| Slimy sculpin | | 3 | 15 | 1 | 5 | 7 | 17 | 7 |
| Sockeye salmon - juvenile | | | | | | | | |
| Threespine stickleback | | 6 | | | | | | |
| Unidentified lamprey | 17 | | | | 6 | | | |
| Unidentified sculpin | 1 | 2 | 1 | 3 | | 1 | | 3 |
| Unknown | | | 7 | | 1 | | | |
| Total | 27 | 3,258 | 5,897 | 91 | 7,375 | 8,441 | 4,660 | 3,199 |

Table 4b. Fish catch by month in rotary screw traps (RST1 and RST2) through July 23, 2008.

| | RST1 | | | RST2 | | |
|---|---|---|---|---|---|---|
| Species | May | June | July | May | June | July |
| Ammocete | 79 | 144 | 149 | 82 | 60 | 45 |
| Arctic lamprey | 12 | 48 | 101 | 4 | 13 | 23 |
| Chinook salmon - adult | | | | | | |
| Chinook salmon - juvenile | 160 | 625 | 392 | 195 | 681 | 140 |
| Chum salmon - juvenile | 1 | | 1 | 1 | 2 | |
| Coastrange sculpin | 12 | 7 | 8 | 15 | 11 | 1 |
| Coho salmon - adult | | | | | | |
| Coho salmon - juvenile | 161 | 527 | 1,024 | 140 | 804 | 537 |
| Dolly Varden | 9 | 2 | | 11 | 13 | 2 |
| Ninespine stickleback | 3 | | 2 | 2 | | |
| Pacific lamprey | | | | | | |
| Pink salmon - adult | | | | | | |
| Pink salmon - juvenile | 32 | 60 | 1 | 13 | 18 | 3 |
| Rainbow trout | 2 | 18 | 69 | 2 | 11 | 20 |
| Slimy sculpin | 12 | 5 | 1 | 6 | 11 | 4 |
| Sockeye salmon - juvenile | 5 | 1 | | 4 | 4 | 1 |
| Threespine stickleback | 1 | 3 | 4 | 1 | 11 | 6 |
| Unidentified lamprey | | | | | | |
| Unidentified sculpin | | | 2 | 4 | 1 | |
| Unknown | 2 | 1 | | 3 | 1 | |
| Total | 491 | 1,441 | 1,754 | 483 | 1,641 | 782 |


Chuitna R. study
Selected pts for Coho salmon juvenile observations
black indicates where species/rearing documented


stream weir 2004
stream weir 2003
stream weir 2002
Fyke net and See traps 1-3
POR
POR
Add coho salmon rearing
to 247-20.10010
Chuitbuna Lake
Third Lake
Second Lake
Tyonek
Old
Creek
CHUITNA
RIVER