



State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Fish Distribution Database

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NOV 15 2004

Region Southeast Region I USGS Quad Skagway B-3, C-3 STATE OF ALASKA FISH & GAME

Fish Distribution Database Number of Waterway 115-32-10250-2137

Name of Waterway Change "Mule Meadow Channel" to "Bear Flats Creek" USGS Name Local Name

Addition Deletion Correction Backup Information

For Office Use

ASLW 2/24/05

| | | |
|--|-----------------------|-----------------|
| Nomination # <u>04 325</u> | <u>[Signature]</u> | <u>2/24/05</u> |
| Revision Year: <u>2006</u> | Fisheries Scientist | Date |
| Revision to: Atlas _____ Catalog _____ | <u>[Signature]</u> | <u>12-17-04</u> |
| Both <u>X</u> | FDD Project Biologist | Date |
| Revision Code: <u>B-2 C-2 A-1</u> | _____ | _____ |
| <u>B1</u> | Drafted | Date |

OBSERVATION INFORMATION

| Species | Date(s) Observed | Spawning | Rearing | Present | Anadromous |
|----------------|------------------|----------|---------|---------|-------------------------------------|
| Coho salmon | 1980 - 2003 | X | | | <input checked="" type="checkbox"/> |
| Sockeye salmon | 1978 - 2004 | X | | | <input checked="" type="checkbox"/> |
| | | | | | <input type="checkbox"/> |
| | | | | | <input type="checkbox"/> |
| | | | | | <input type="checkbox"/> |

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: There is considerable confusion over the name of this stream which is currently documented as Dolly Varden, and king and coho salmon rearing. The locally accepted name for this stream is "Bear Flats". There are 5 peak coho escapement surveys listed in the CF database "Alexander" between 1980 and 2003 (30-330 fish) and 12 sockeye surveys between 1978 and 2004 (15-600 fish). A total of 123 adult coho salmon were radio tagged as they migrated into the Chilkat River in 2003. Nine of these fish spawned in the Bear Flats drainage. Each radio tagged fish was thought to represent about 950 coho salmon. The results from this study will be published in a 2004 Fishery Data Series Report entitled "Production and Spawning Distribution of Coho Salmon from the Chilkat River, 2002-2003" currently in preparation. In addition, a sockeye radio telemetry study conducted in 2003 and 2004 verified that this is an important sockeye spawning area. Extend as shown on the attached map.

Name of Observer (please print): Randy Ericksen
Signature: [Signature]
Address: ADFG - Div. of Sport Fish
PO Box 330, Haines, AK 99827

Date: 11/5/04

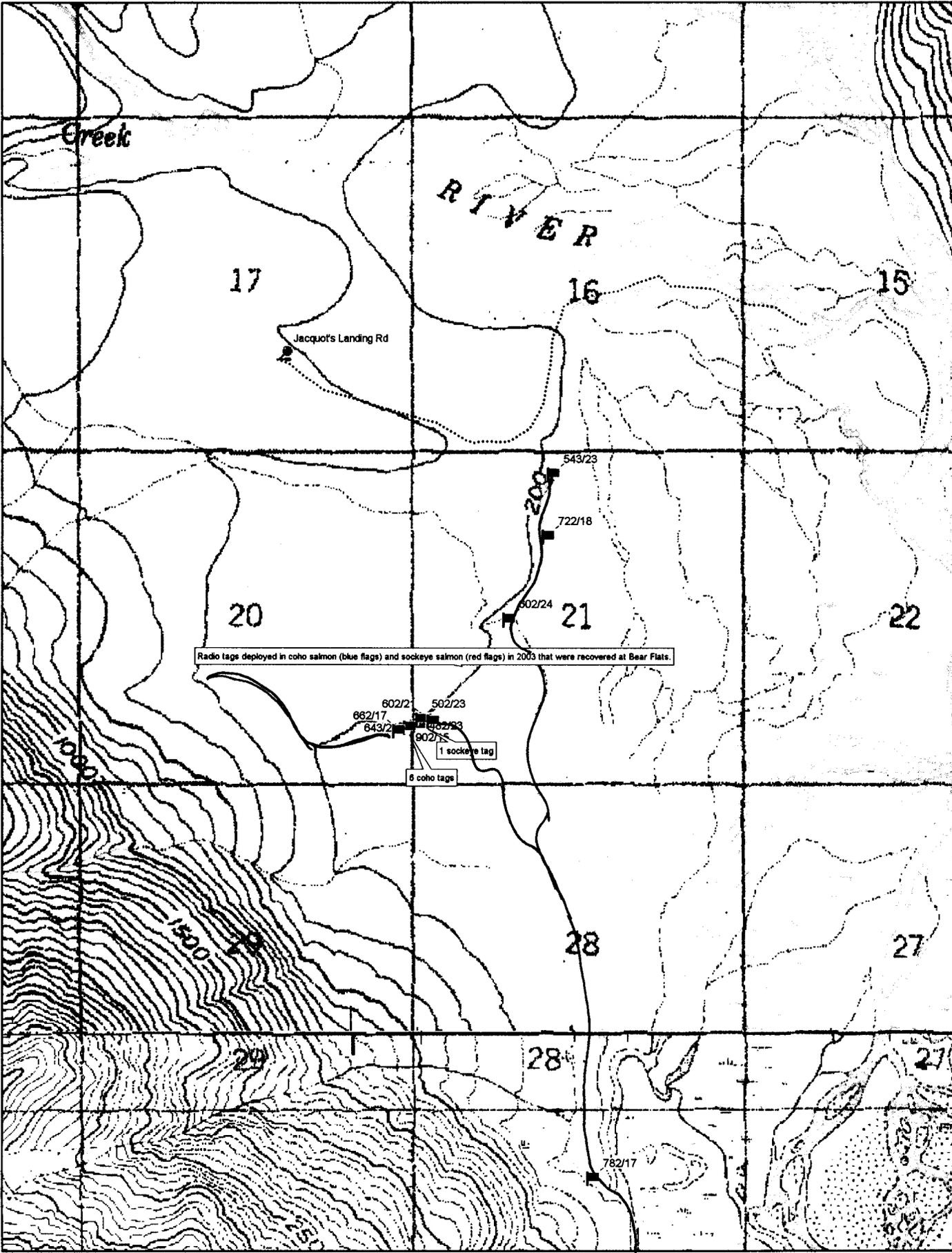
This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Fish Distribution Database.

Signature of Area Biologist: [Signature]
Name of Area Biologist (please print): Randy Ericksen

Revision 04/03

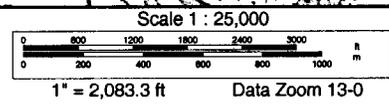
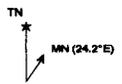
Add SSCOs Area to existing ~~map~~ Stream
Change stream name (common)

GPS locations of radio tagged sockeye and coho salmon in 2003



Radio tags deployed in coho salmon (blue flags) and sockeye salmon (red flags) in 2003 that were recovered at Bear Flats.

1 sockeye tag
6 coho tags



04-325

