



State of Alaska  
Department of Fish and Game  
Sportfish Division

Nomination Form  
Anadromous Waters Catalog



Region Southeastern USGS Quad(s) Skagway B-3 NW

Anadromous Waters Catalog Number of Waterway 115-32-10250-2081 -3061

Name of Waterway Muskrat Creek Tributary 4  USGS Name  Local Name  
 Addition  Deletion  Correction  Backup Information

For Office Use

|                |   |                            |                 |
|----------------|---|----------------------------|-----------------|
| Nomination #   | <u>12-600</u>   | <u>[Signature]</u>         | <u>11/2/12</u>  |
|                |   | Fisheries Scientist        | Date            |
| Revision Year: | <u>2013</u>   | <u>[Signature]</u>         | <u>11/2/12</u>  |
|                |   | Habitat Operations Manager | Date            |
| Revision to:   | Atlas _____<br>Both <input checked="" type="checkbox"/> | <u>[Signature]</u>         | <u>10/25/12</u> |
|                |   | AWC Project Biologist      | Date            |
| Revision Code: | <u>A-2</u>  | <u>[Signature]</u>         | <u>12/10/12</u> |
|                |   | Cartographer               | Date            |

OBSERVATION INFORMATION

| Species        | Date(s) Observed | Spawning | Rearing | Present | Anadromous |
|----------------|------------------|----------|---------|---------|------------|
| sockeye salmon | 08/10/2012       | ✓        |         | ✓       | ✓          |
| coho salmon    | 08/10/2012       |          | ✓       | ✓       | ✓          |
| Dolly Varden   | 08/10/2012       |          |         | ✓       |            |
|                |                  |          |         |         |            |

**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:**  
 Coordinates (Lat,Long): Upper(59.411367,-135.955098) Lower(59.412741,-135.951743)  
Add new stream w/ coho salmon rearing & sockeye salmon spawning

Name of Observer (please print): Nicole Legere  
 Signature: 146.63.61.200 (Web Nomination) Date: 10/05/2012  
 Agency: \_\_\_\_\_  
 Address: PO Box 110024 Room 209  
Juneau, AK 99811-0024

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 02/08  
 Name of Area Biologist (please print): \_\_\_\_\_

**Muskrat Creek (115-32-10250-2081) Tributary 4 Addition***Stream:* Muskrat Creek (115-32-10250-2081) Tributary 4*Watershed:* Chilkat-Inlet Frontal Lynn Canal*USGS Quadrangle:* Skagway B-3*MTRS:* CO28S056E30*Date Surveyed:* August 10, 2012

*Findings:* We surveyed this uncataloged tributary to Muskrat Creek (115-32-10250-2081). The lower portion of this stream consists of gravel substrate with many upwellings, providing great spawning habitat. We observed spawning sockeye salmon in this section. The upper portion of this stream has many upwellings and originates from a small seep adjacent to the Haines Highway. We caught juvenile coho salmon in the upper portion of the stream.

*Recommendations:* Add this tributary to the AWC.

*Nomination form submitted:* Yes

*Nomination status:*

*Notes:*

**Table 1: Muskrat Creek (115-32-10250-2081) Tributary 4 Addition Survey Data**

| Waypoints | Latitude  | Longitude   | Notes   | Sample Effort  | Sample Results |
|-----------|-----------|-------------|---|----------------|----------------|
| 25        | 59.412741 | -135.951743 | Visual ID- 4 Sockeye at confluence. We are going to track RR.   | visual         | 4 sockeye      |
| 26        | 59.412461 | -135.952303 | Tributary enters river right.   |                |                |
| 29        | 59.412494 | -135.952365 | Sockeye and redds present   | visual         | sockeye        |
| 30        | 59.412236 | -135.953005 | Sockeye and redds present up to this point and below. Great spawning habitat. Gravel and many upwellings. | visual         | sockeye        |
| 31        | 59.411876 | -135.954822 | We have not seen a sockeye since WPT 30. We are going to e-fish. Caught 3 DV. Continue to track up.       | electrofishing | 3 DV           |
| 32        | 59.411727 | -135.954951 | E-fished 2 coho and 13 DV   | electrofishing | 2 CO, 13 DV    |
| 33        | 59.411367 | -135.955098 | Caught one coho in a giant upwelling ~ 65mm.  | electrofishing | 1 CO ~ 65mm    |
| 34        | 59.410707 | -135.954821 | Top of tributary. Right next to the road. We did not see any other fish past WPT 33.                      |                |                |

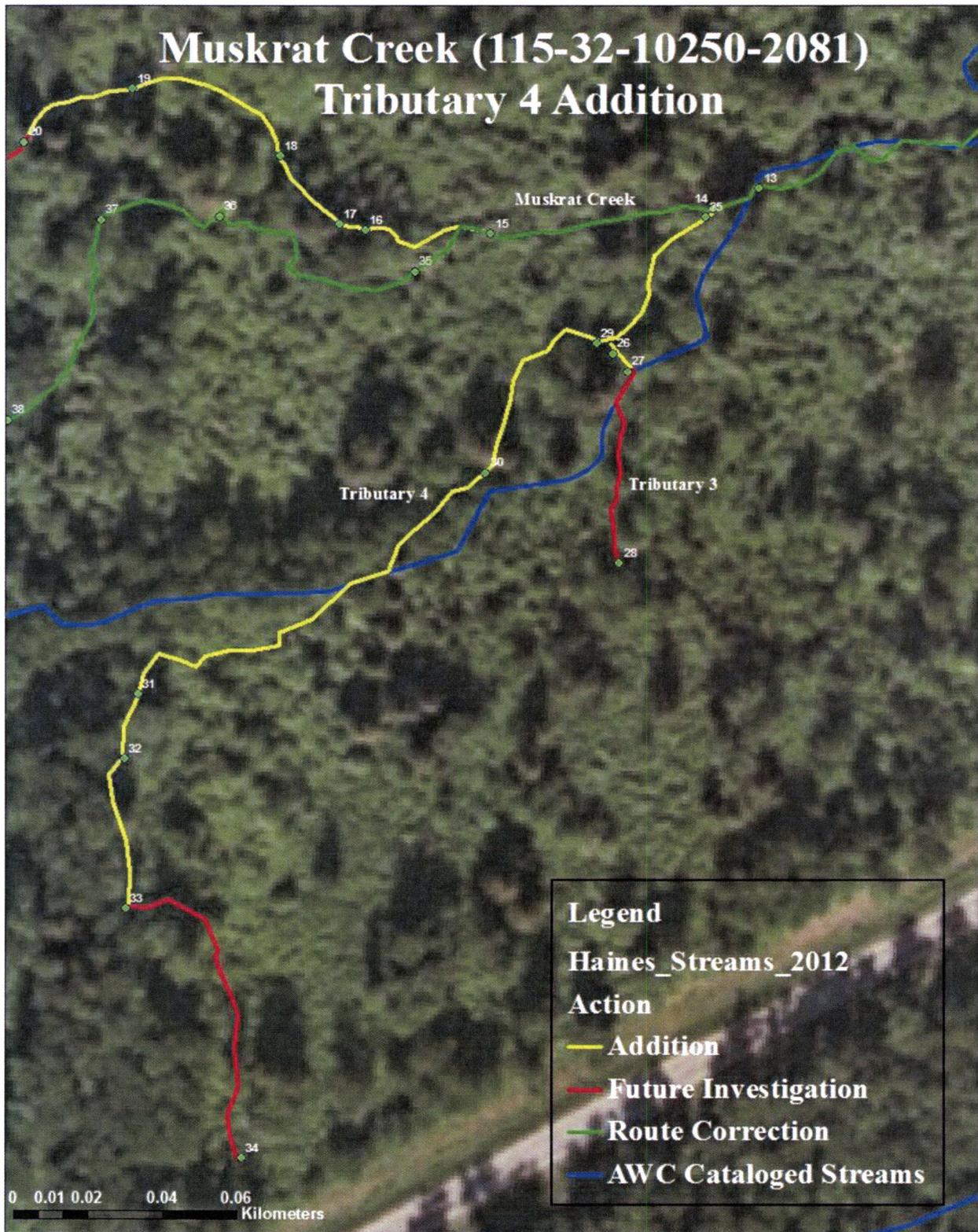
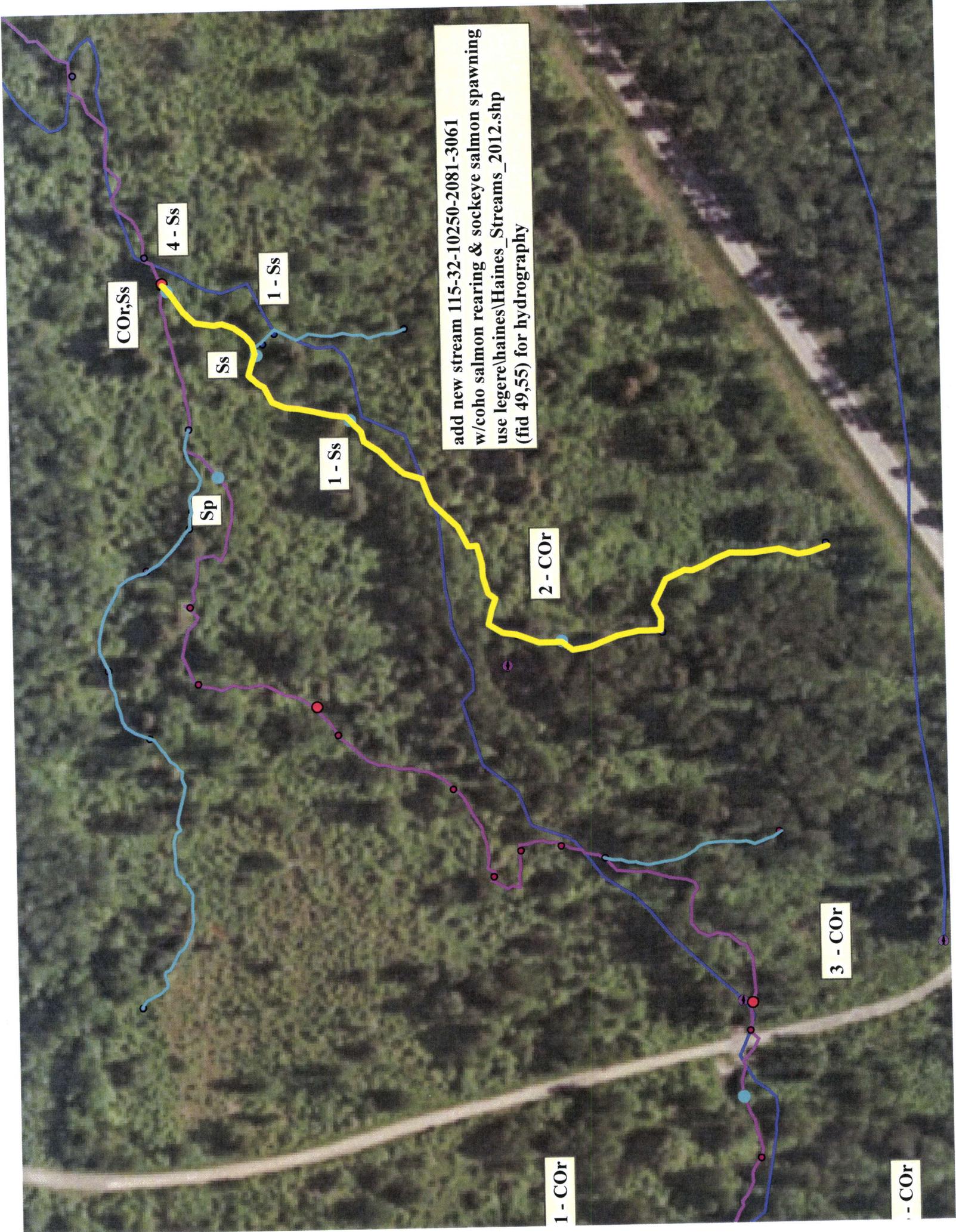


Figure 1: Map of Muskrat Creek Tributary 4 (115-32-10250-2081) Addition



add new stream 115-32-10250-2081-3061  
w/coho salmon rearing & sockeye salmon spawning  
use legere\haines\Haines\_Streams\_2012.shp  
(fid 49,55) for hydrography

COR,Ss

4 - Ss

1 - Ss

Ss

1 - Ss

Sp

2 - COR

3 - COR

1 - COR

- COR