



State of Alaska  
Department of Fish and Game  
Sportfish Division

Nomination Form  
Anadromous Waters Catalog

*11*

Region Southeastern USGS Quad(s) Sitka-A-4

Anadromous Waters Catalog Number of Waterway 113-41-10190 - 2038-3007

Name of Waterway Indian River Tributary Addition 8  USGS Name  Local Name

Addition  Deletion  Correction  Backup Information

For Office Use

|                |  |                            |                 |
|----------------|--|----------------------------|-----------------|
| Nomination #   | <u>12-526</u>                            | <u>el CP</u>               | <u>11/2/12</u>  |
|                |  | Fisheries Scientist        | Date            |
| Revision Year: | <u>2013</u>                              | <u>Walt St</u>             | <u>11/2/12</u>  |
|                |  | Habitat Operations Manager | Date            |
| Revision to:   | Atlas _____                              | <u>JK</u>                  | <u>10/26/12</u> |
|                | Both <input checked="" type="checkbox"/> | AWC Project Biologist      | Date            |
| Revision Code: | <u>A-2d</u>                              | <u>Chambliss</u>           | <u>11/15/12</u> |
|                |  | Cartographer               | Date            |

OBSERVATION INFORMATION

| Species     | Date(s) Observed | Spawning | Rearing | Present | Anadromous |
|-------------|------------------|----------|---------|---------|------------|
| coho salmon | 06/26/2012       |          | ✓       | ✓       | ✓          |
|             |                  |          |         |         |            |
|             |                  |          |         |         |            |
|             |                  |          |         |         |            |

**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(57.080105,-135.285611) Lower(57.079703,-135.285747)

*Add new stream w/ coho salmon rearing*

*Ref no*

*12-526*

Name of Observer (please print): Matthew Kern  
 Signature: 146.63.61.200 (Web Nomination) Date: 09/05/2012  
 Agency: \_\_\_\_\_  
 Address: 1416 3rd St 1416 3rd St  
Douglas, AK 99824

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): \_\_\_\_\_

**Indian River Tributary Addition 8**

*Stream:* Indian River: 113-41-10190 – Addition 8

*Watershed:* Billy Basin

*USGS Quadrangle:* Sitka-A-4

*MTRS:* Section: 20 Township: 55 S Range: 64 E

*Date Surveyed:* June 26, 2012

*Findings:* This short stream provides excellent rearing habitat for coho salmon and Dolly Varden char.

*Recommendations:* We recommend adding this stream course to the Anadromous Waters Catalog.

*Nomination form submitted:* Yes

*Nomination Status:*

*Notes:*

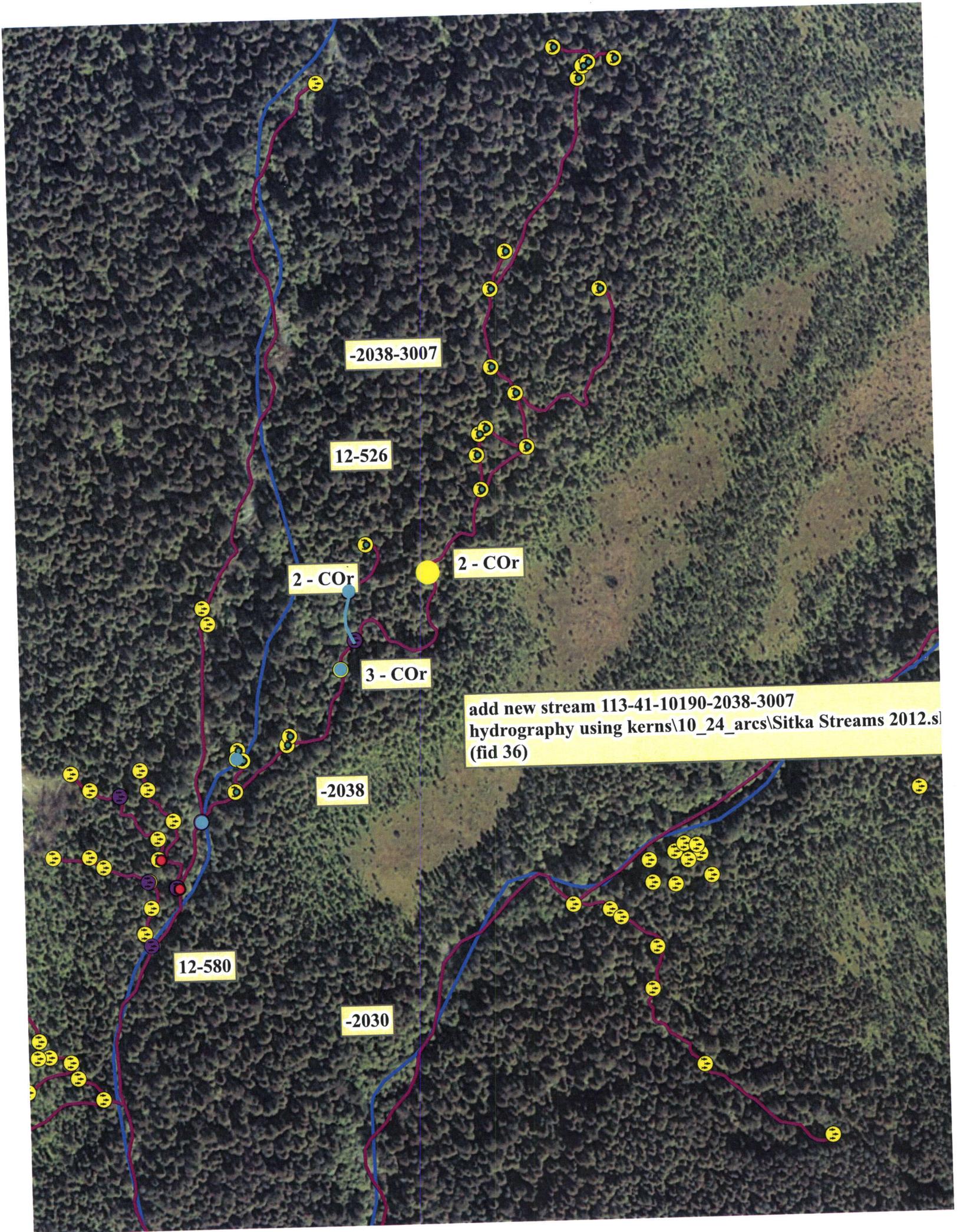
Table 1. Survey data from June 26, 2012.

| Waypoint | lat       | lon         | Notes  | Sample Effort | Sample Result      |
|----------|-----------|-------------|--|---------------|--------------------|
| 1        | 57.078653 | -135.288839 | confluence of two major streams in the mainstem, about half the water comes from this side |               |                    |
| 2        | 57.078805 | -135.288203 | start tracking trib on River Right   |               |                    |
| 3        | 57.079127 | -135.287983 | end of trib, ends in groundwater   |               |                    |
| 4        | 57.079061 | -135.288032 | efished 400V 30Hz 12% duty cycle, caught 1 coho ~30mm, 2DV                                 | electrofished | 1 coho ~30mm, 2 DV |
| 5        | 57.079034 | -135.287957 | efished, caught 1 coho ~40mm   | electrofished | 1 coho ~40mm       |
| 6        | 57.079046 | -135.287232 | start tracking trib on River Right   |               |                    |
| 7        | 57.079109 | -135.287153 | end of trib, ends in large pool (~6ft diameter), efished the pool, caught 3 DV             | electrofished | 3DV                |
| 8        | 57.079507 | -135.286093 | sidepool off mainstem, very calm, good rearing coho habitat, efished, caught 3 coho        | electrofished | 3 coho             |
| 9        | 57.079703 | -135.285747 | start tracking trib on River Right   |               |                    |
| 10       | 57.080105 | -135.285611 | efished , caught 2 coho  | electrofished | 2 coho             |
| 11       | 57.08043  | -135.285152 | end of trib, disconnected pools, efished large pool, good rearing habitat, caught 1 DV     | electrofished | 1DV                |
| 12       | 57.080054 | -135.284364 | efished rootwad in middle of mainstem, 2 coho  | electrofished | 2 coho             |
| 13       | 57.080574 | -135.2832   | start tracking trib on River Right   |               |                    |
| 14       | 57.080856 | -135.283103 | efished, caught 1 DV   | electrofished | 1 DV               |
| 15       | 57.081018 | -135.28297  | end of trib, upwelling   |               |                    |

|    |           |             |   |               |     |
|----|-----------|-------------|---|---------------|-----|
| 16 | 57.081047 | -135.282844 | start tracking trib on River Right, partway up, 'connect the dots' to wpt 27 (beginning of trib)  |               |     |
| 17 | 57.081516 | -135.282484 | beginning of side channel/trib (used to be a side channel, tree fell, cut up flow ~10ft, wil probably be a side channel at higher water) not tracking |               |     |
| 18 | 57.082133 | -135.282135 | start tracking trib at River Right  |               |     |
| 19 | 57.082394 | -135.281741 | end of trib, mossy seepy upwelling thing, not great shocking, return to mainstem  |               |     |
| 20 | 57.083575 | -135.279866 | efished, caught 1 DV  | electrofished | 1DV |
| 21 | 57.083659 | -135.27974  | efished, caught 1 DV  | electrofished | 1DV |
| 22 | 57.083677 | -135.279645 | start tracking branch on River Right  |               |     |
| 23 | 57.083882 | -135.280086 | end of channel, mossy seep  |               |     |
| 24 | 57.083641 | -135.279243 | end of water (branch on River Left, ref wpt 22) dry channel continues, plants growing in it, tracks off   |               |     |
| 25 | 57.08125  | -135.282247 | start tracking trib on River Left   |               |     |
| 26 | 57.081861 | -135.280529 | end of trib, loops back on instelf, some disjoined pools. No efishing- battery dead (not sure how long ago), future investigation                     |               |     |
| 27 | 57.080797 | -135.28233  | beginning of trib that we started tracking partway up (ref wpt 16)  |               |     |



Figure 1. Map of Indian River Tributary Addition 8. The Indian River Tributary Addition 8 begins at WPT 9, and ends at WPT 10.



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add new stream 113-41-10190-2038-3007  
hydrography using kerns\10\_24\_arcs\Sitka Streams 2012.s  
(fid 36)

-2038

12-580

-2030