



State of Alaska  
Department of Fish and Game  
Sportfish Division

Nomination Form  
Anadromous Waters Catalog



Region Southeastern USGS Quad(s) JUNEAU D-4  
 Anadromous Waters Catalog Number of Waterway 115-31-10350  
 Name of Waterway Sweeny Creek  USGS Name  Local Name  
 Addition  Deletion  Correction  Backup Information

For Office Use

|  |   |                           |
|--|---|---------------------------|
| Nomination # <u>15-660</u>   | <u>James J. Hasbrouck</u><br>Fisheries Scientist    | <u>10/26/2015</u><br>Date |
| Revision Year: <u>2016</u>   | <u>Michael J. ...</u><br>Habitat Operations Manager | <u>10/26/15</u><br>Date   |
| Revision to: <input checked="" type="checkbox"/> Atlas <input checked="" type="checkbox"/> Catalog | <u>[Signature]</u><br>AWC Project Biologist         | <u>21 Sept 15</u><br>Date |
| Revision Code: <u>C-9, B-1, B-2</u>  | <u>[Signature]</u><br>GIS Analyst                   | <u>10/29/15</u><br>Date   |

OBSERVATION INFORMATION

| Species         | Date(s) Observed | Spawning | Rearing | Present | Anadromous |
|-----------------|------------------|----------|---------|---------|------------|
| Steelhead trout | 05/20/2015       | ✓        |         |         |            |
|                 |                  |          |         |         |            |
|                 |                  |          |         |         |            |
|                 |                  |          |         |         |            |

**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:**

We sampled Sweeny Creek with an electrofisher and GPS, and documented steelhead trout spawning at waypoint 52 and juvenile coho salmon up to waypoint 36. Though we did not encounter a definitive barrier, we did not document anadromous fish upstream of waypoint 52. We will sample again at higher flows. Please correct the stream route and add steelhead spawning and coho salmon rearing in the AWC. Please see previous ARCGIS files.  
 Coordinates (Lat,Long): Upper(58.8545,-135.1314) Lower(58.8601,-135.1466)  
Update 115-31-10350 hydro add coho salmon rearing and steelhead trout spawning present to creek

*refers to 15-658*

Name of Observer (please print): Benjamin Brewster  
 Signature: 10.7.169.37 (Web Nomination) Date: 09/16/2015  
 Agency: \_\_\_\_\_  
 Address: 802 East 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 11/14  
 Name of Area Biologist (please print): \_\_\_\_\_

**115-31-10350 SWEENY CREEK****CORRECTION****Water body name:** Sweeny Creek**Survey date:** 5/19/2015**Water body number:** 115-31-10350**Species & Lifestage:** Pp**Watershed:** Admiralty Island-Frontal Lynn Canal**MTR:** C035S062E **Quad:** Juneau D-4

**Findings:** We sampled Sweeny Creek with an electrofisher and GPS, and documented steelhead spawning at waypoint 52 and juvenile coho salmon up to waypoint 36 (Table 1, Figure 1). Though we did not encounter a definitive barrier, we did not document anadromous fish upstream of waypoint 52 (Figure 2). We will sample again at higher flows.

**Recommendations:** Please correct the stream route and add steelhead spawning and coho salmon rearing in the AWC (Figure 3).

**Nomination:** Pending

Table 1.–Sweeny Creek sampling data.

| Waypoint | Latitude | Longitude | Notes  | Sample Effort | Sample Results |
|----------|----------|-----------|--|---------------|----------------|
| 29       | 58.8601  | -135.1466 | Mouth of Sweeny Creek.   |               |                |
| 30       | 58.8594  | -135.1460 | E-fish   | EF            | 1 SC           |
| 31       | 58.8592  | -135.1454 | Dry overflow channel on river-right.   |               |                |
| 32       | 58.8590  | -135.1443 | Trib on river-right.   | EF            | 2 CO           |
| 33       | 58.8590  | -135.1437 | 2 CO   | EF            | 2 CO           |
| 34       | 58.8588  | -135.1435 | Trib goes subterranean. End of reach but possibly farther at higher flows.   |               |                |
| 35       | 58.8578  | -135.1425 | Dry trib on river-right. 1 small pool at the mouth. No captures  | EF            | 0              |
| 36       | 58.8556  | -135.1340 | Visual on 2 CO in pool on river left. Could not capture.   | VI            | 2 CO           |
| 37       | 58.8553  | -135.1339 | Trib on river-right.   | EF            | 1 CT           |
| 38       | 58.8552  | -135.1334 | End of water on trib.  |               |                |
| 39       | 58.8552  | -135.1327 | Trib on river-right.   |               |                |
| 40       | 58.8512  | -135.1240 | 3 CT in pool on river-left   | EF            | 3 CT           |
| 41       | 58.8501  | -135.1221 | Side channel.  |               |                |
| 42       | 58.8502  | -135.1219 | 2 DV, 3 CT   | EF            | 2 DV, 3 CT     |
| 43       | 58.8500  | -135.1217 | Possible trib off side channel at waypoint 41  |               |                |
| 44       | 58.8498  | -135.1214 | Gradient 25% at 11 yards.  |               |                |
| 45       | 58.8498  | -135.1215 | Top of gradient  |               |                |
| 46       | 58.8490  | -135.1210 | River right 25% at 6 yards. Pool 3 ft deep. River left 16% at 15 yards. Possible barrier. No rest pools on either side of the channel at higher flows. |               |                |
| 47       | 58.8479  | -135.1193 | Fork in channel.   |               |                |
| 48       | 58.8479  | -135.1188 | Falls on North fork. 30% over 35 yards.  |               |                |

Table 2.–Continued.

| Waypoint | Latitude | Longitude | Notes   | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 49       | 58.8472  | -135.1185 | Possible barrier at higher flows. 10% at 75 yards. At this water level there are several rest pools but it is incised and at higher flows probably no resting place for fish. |               |                |
| 50       | 58.8464  | -135.1181 | 1 DV  | EF            | 1 DV           |
| 51       | 58.8461  | -135.1168 | Possible barrier. 36% over 4 yards with no jump pool. Falls drop onto bedrock. No definitive barriers found. We should return to determine.                                   |               |                |
| 52       | 58.8545  | -135.1314 | BB had visual on a spawning pair of steelhead here.   | VI            | 2 SH           |



Figure 1.–Juvenile coho salmon in Sweeny Creek.

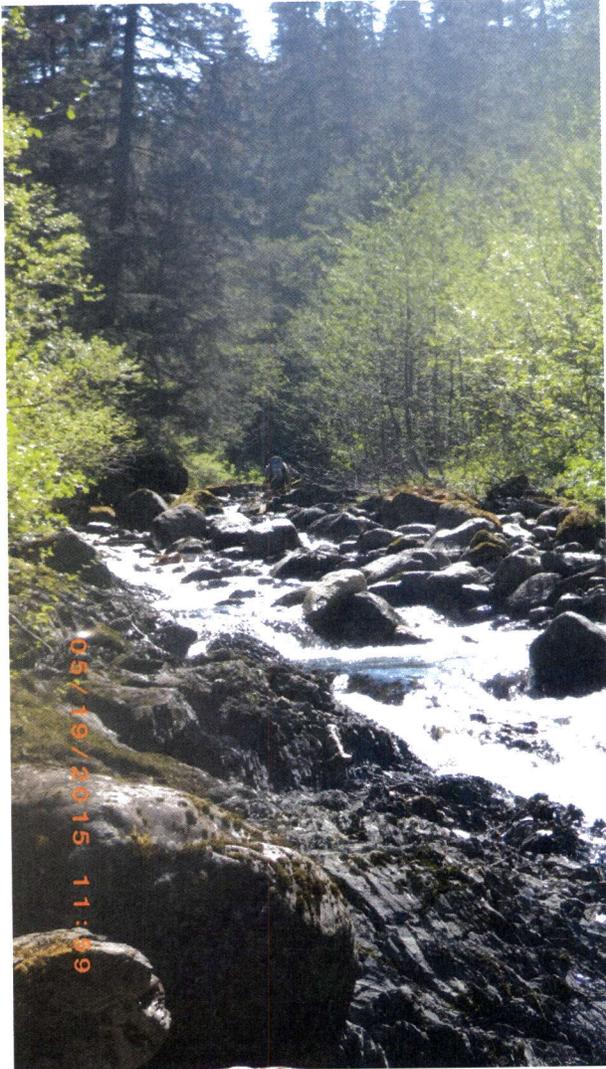


Figure 2.-Sweeny Creek.

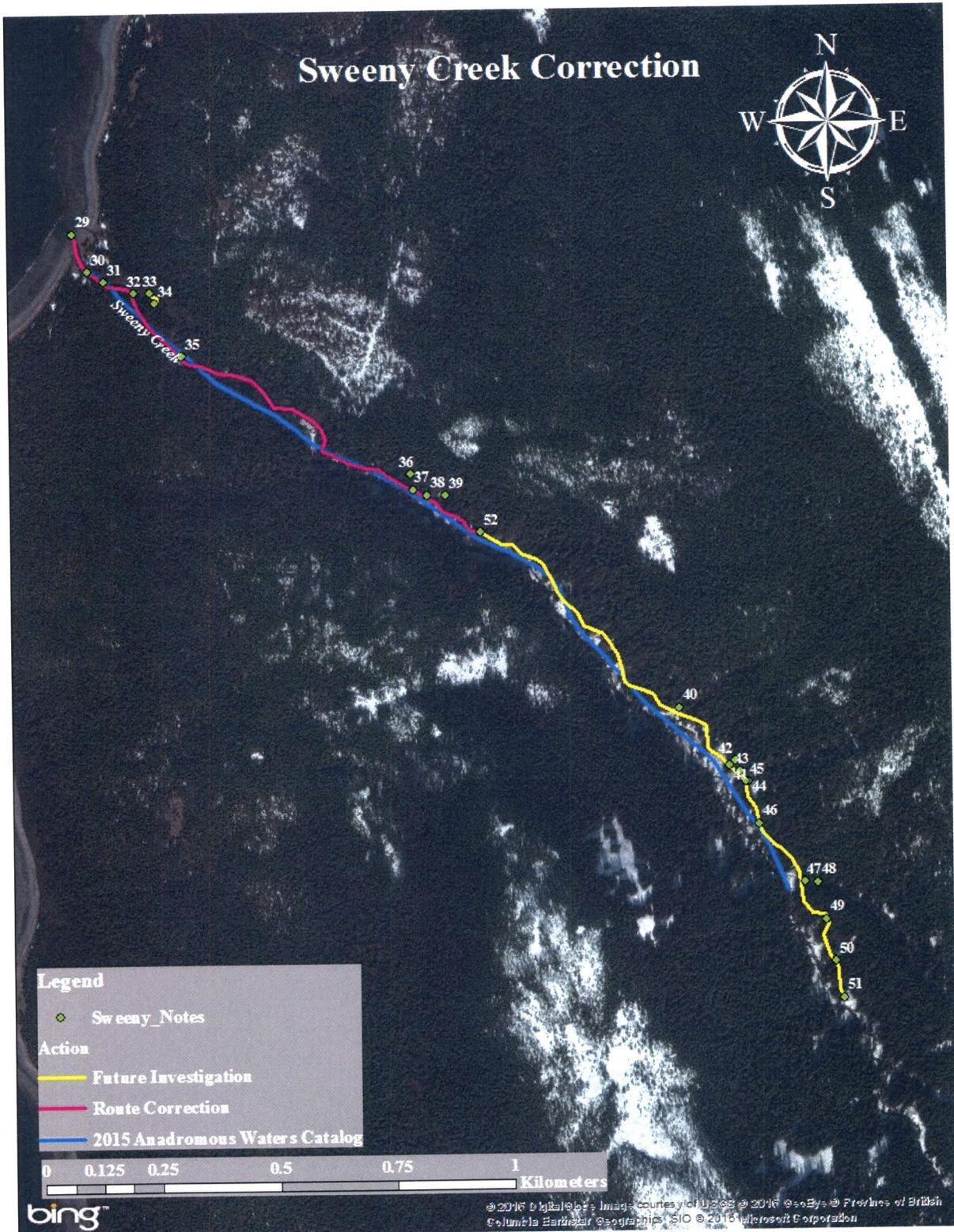


Figure 3.—Sweeny Creek survey map.

revise hydro for 115-31-10350  
using arc2016, add coho salmon rearing &  
Stelhead Trout present/spawning to creek

2 - COR

2 - SHS

COR SHS

SHS  
COR  
SHS

Pp

Pp