



State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Anadromous Waters Catalog

YES

Region Southeastern USGS Quad(s) Bradfield A-5

Anadromous Waters Catalog Number of Waterway 107-40-10537 -2020

Name of Waterway Schwartz Creek USGS Name Local Name

Addition Deletion Correction Backup Information

For Office Use

Nomination # <u>10-761</u>		<u>10/26/10</u>
Revision Year: <u>2011</u>	Fisheries Scientist	Date <u>10/26/10</u>
Revision to: Atlas _____		Date _____
Both <u>X</u>	Habitat Operations Manager	<u>16 Sept 10</u>
Revision Code: <u>A-2</u>		Date _____
	AWC Project Biologist	<u>5/11/10</u>
		Date _____
	Cartographer	

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon	08/18/2010		✓		✓
Dolly Varden	08/18/2010		✓		

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:
I captured ten coho and five Dolly Varden in five traps set throughout the upper portion of this drainage. Stream gradient increases significantly about 100' upstream of the upper extent. The stream is dominated by cobble and large rock above the road culvert, but potential spawning and good rearing habitat is present downstream of the road where the gradient is much less. See attached for additional info and photos.
Coordinates (Lat,Long): Upper(56.21996,-131.47448) Lower(56.22198,-131.48319)
Add new stream w/coho salmon REARING

Name of Observer (please print): Kate Kanouse
Signature: 146.63.139.90 (Web Nomination) Date: 09/15/2010
Agency: _____
Address: ADF&G Habitat ADF&G Habitat
Juneau, AK 99811

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): _____

Nomination for a Tributary to Hydro Creek (Stream No. 107-40-10537)
USGS Quad: Bradfield Canal A-5

On April 28, 2010, I set two baited minnow traps downstream of the road culvert overnight, and captured two Dolly Varden (Traps 1 and 2, the additional trap numbers listed in the table correspond to the attached map).

On August 18, 2010, I set two traps downstream of the road culvert for one hour and captured two coho and one Dolly Varden (Traps 3 and 4). I also set two traps upstream of the road culvert for six hours and captured 8 coho and two Dolly Varden in Trap 5, but no fish in Trap 6 near the base of the gradient migration barrier.

I did not walk the entire stream reach, however an estimate stream path is shown in light blue on attached map titled "2010 Tyee Hydro Fish Captures" and labeled "Area 2".

Trap No.	Fish captures	Latitude (N)	Longitude (W)
1 (7a)	1-DV	56.220067	131.47524
2 (7b)	1-DV	56.22019303	131.4758375
3(7a)	2-CO	56.220067	131.47524
4 (7a)	1-DV	56.220067	131.47524
5	8-CO, 2-DV	56.219955	131.47448
6	0	56.219798	131.47334

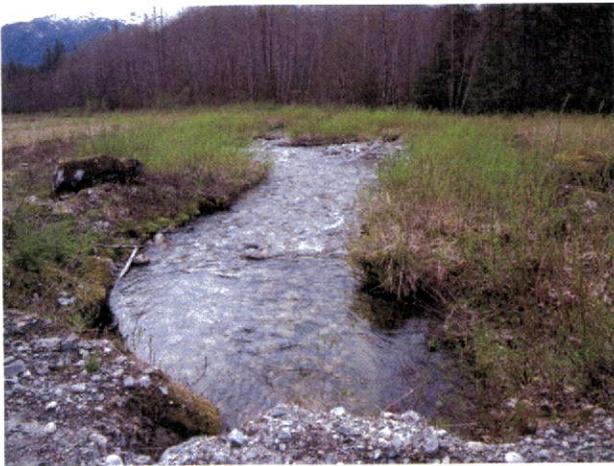
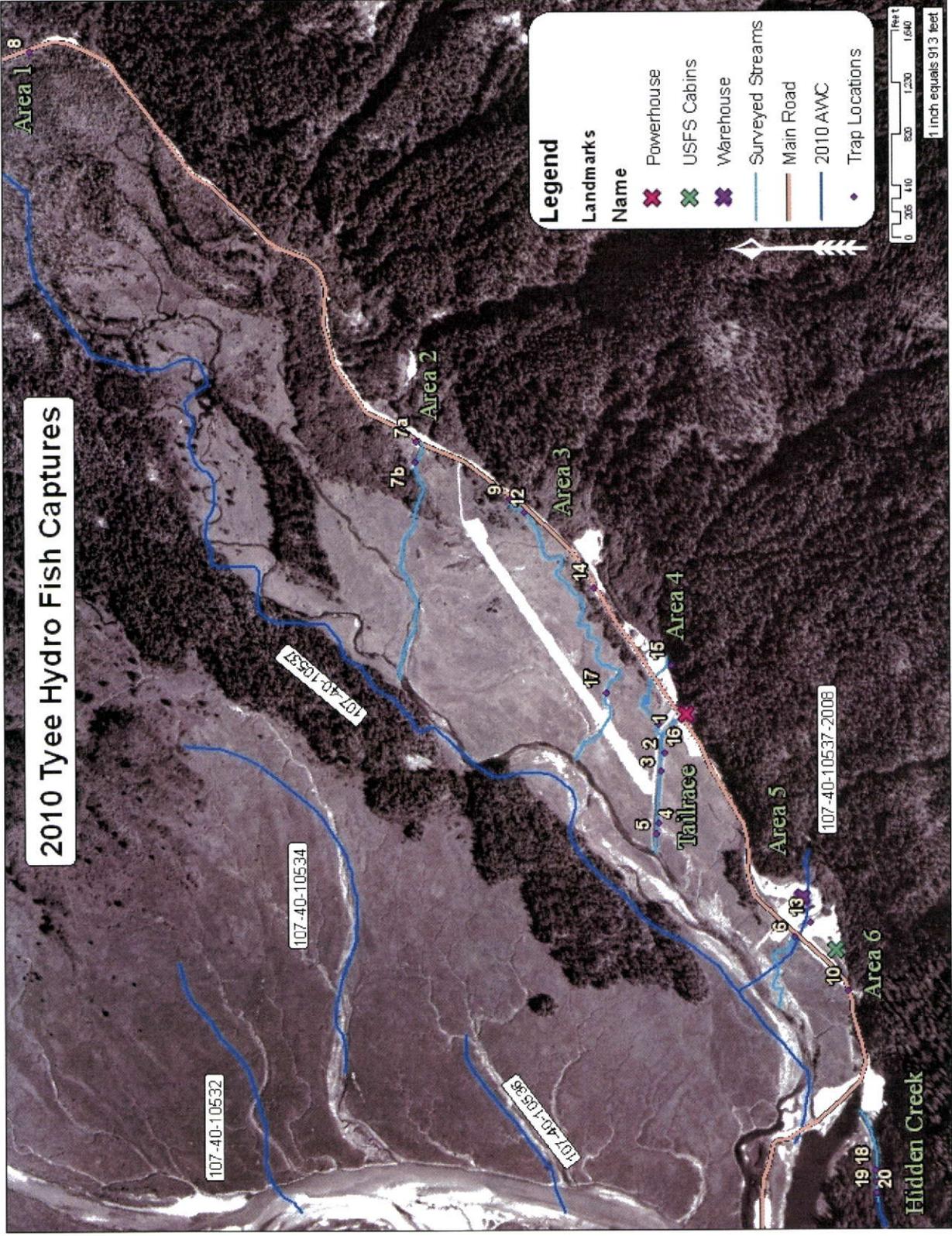


Photo 1. Looking downstream from road culvert.



Photo 2. Looking upstream at the gradient barrier.

2010 Tye Hydro Fish Captures



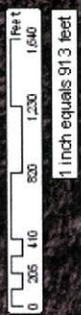
Legend

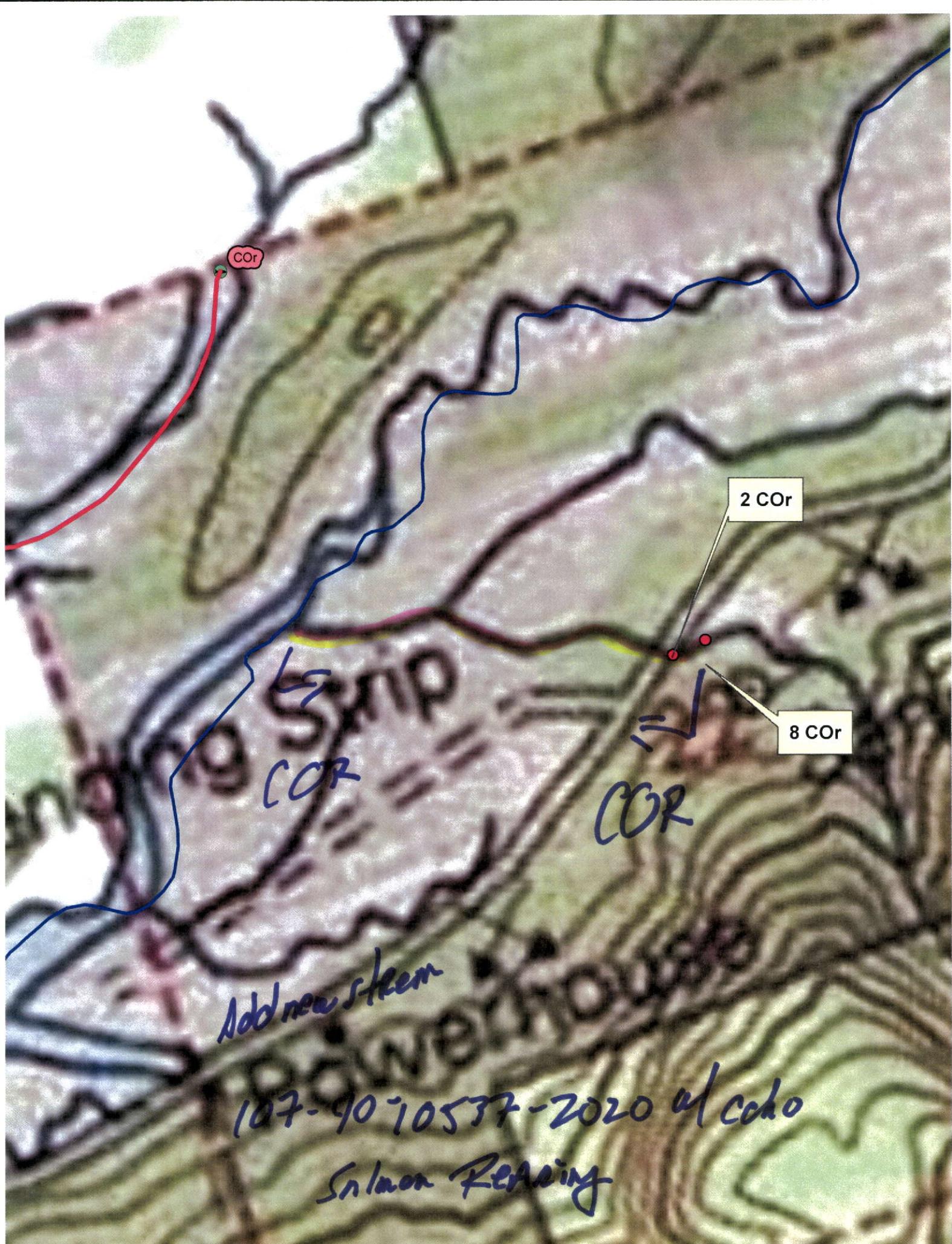
Landmarks

Name	Symbol
Powerhouse	Red X
USFS Cabins	Green X
Warehouse	Purple X

Other Symbols

- Blue line: Surveyed Streams
- Orange line: Main Road
- Blue line: 2010 AWC
- Black dot: Trap Locations





COR

2 COR

8 COR

COR

COR

Add new stream

107-9070537-2020 at coho

Salmon Rearing