



State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Anadromous Waters Catalog

EX

Region Southeastern USGS Quad(s) Bradfield Canal A-5

Anadromous Waters Catalog Number of Waterway 107-40-10537-2008

Name of Waterway Tailrace Creek USGS Name Local Name

Addition Deletion Correction Backup Information

For Office Use

Nomination #	<u>10-797</u>		<u>10/26/10</u>
Revision Year:	<u>2011</u>		<u>10/26/10</u>
Revision to:	Atlas _____ Both <u>X</u>		<u>27 Sept 10</u>
Revision Code:	<u>B-1, C-9</u>		<u>41110</u>
		Cartographer	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon	08/19/2010		✓		✓
Dolly Varden	08/19/2010		✓		

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 set ten baited minnow traps overnight in the hydro tailrace and captured a total of 21 coho and 23 Dolly Varden. The tailrace is already included in the AWC, however the mapped stream course is incorrect. Attached is additional information about the stream. I will email J Johnson a GPS trackline of the tailrace to correct the stream course.
Coordinates (Lat,Long): Upper(56.21686,-131.48873) Lower(56.21807,-131.49199)
Move stream AWC Northeast (track shape file) add coho salmon
Ready to stream

Name of Observer (please print): Kate Kanouse
Signature: 146.63.139.97 (Web Nomination) Date: 09/23/2010
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): _____

Stream Correction for Tailrace Creek (Stream No. 107-40-10537-2008)
USGS Quad: Bradfield Canal A-5

On April 28, 2010, I set five baited minnow traps overnight throughout Stream No. 107-40-10537-2008, known as "Tailrace Creek" and shown in the attached map as "Area 4". We did not capture any salmonids.

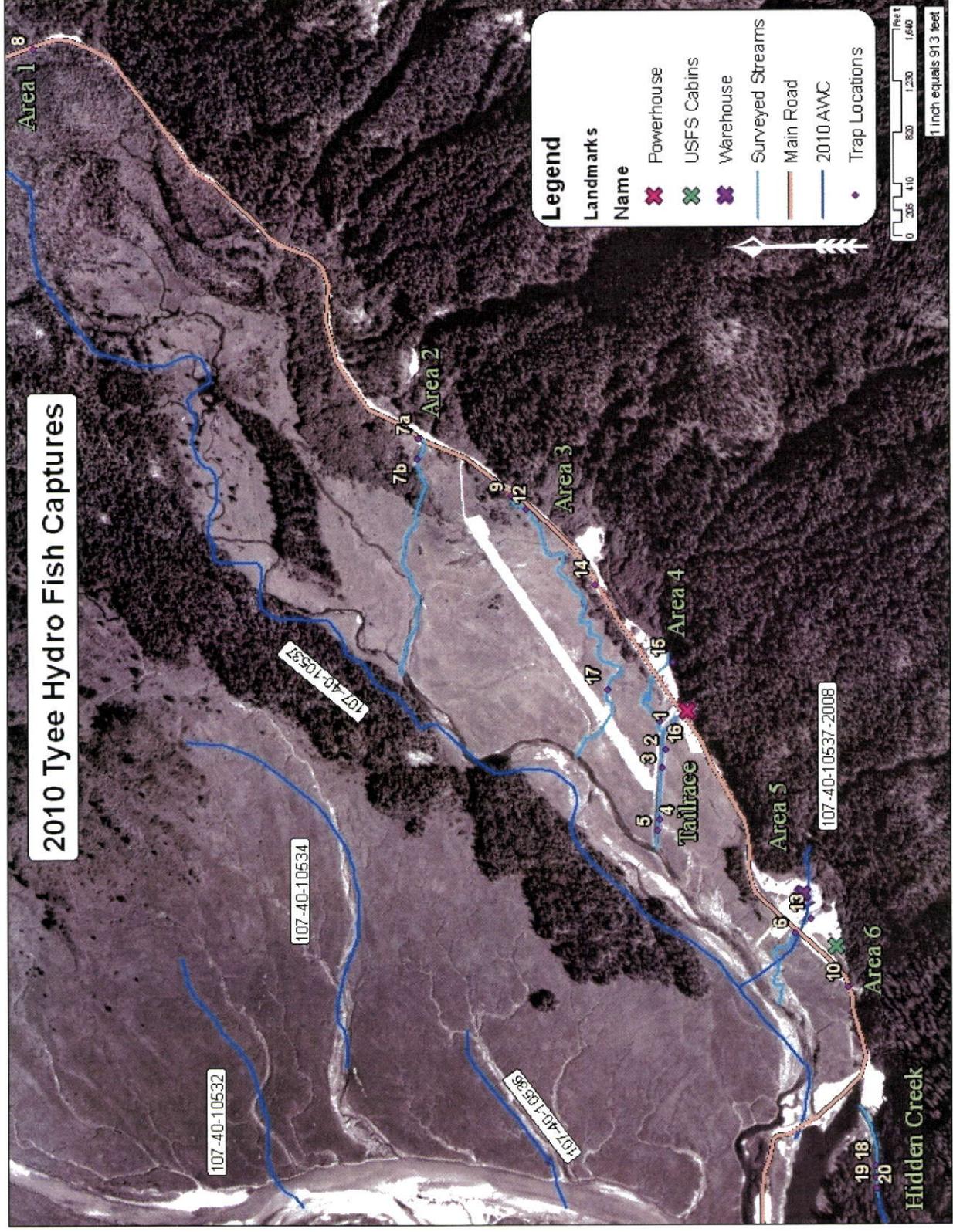
On August 18, 2010, I set ten traps overnight throughout the channel. We captured a total of 21 coho and 23 Dolly Varden in the traps (capture data and trap locations are given in the table below). I will send J Johnson the GPS track line for the stream via email, as the stream is incorrectly mapped about 0.25 mile southwest of the actual location.

Trap No.	Fish captures	Latitude (N)	Longitude (W)
1	1-DV(120mm)	56.21686541	131.4887317
2	20-CO (80-110mm) 8-DV (80-120mm)	56.21697103	131.4885571
3	0	56.21710606	131.4888078
4	1-CO (60mm) 6-DV (80-120mm)	56.21718954	131.4887115
5	1-DV (40mm)	56.21740513	131.4894846
6	0	56.2174809	131.4894497
7	2-DV (60-80mm)	56.21775423	131.4905392
8	1-DV(60mm)	56.21768533	131.4906761
9	4-DV (80-120mm)	56.21797887	131.4920253
10	0	56.2180704	131.4919916



Photo 1. Looking upstream in the tailrace (powerhouse in background).

2010 Tye Hydro Fish Captures



Area 1

Area 2

Area 3

Area 4

Area 5

Area 6

Tailrace

Hidden Creek

107-40-10532

107-40-10534

107-40-10537

107-40-10536

107-40-10537-2008

7b

7a

9

12

14

17

1

2

3

4

5

16

15

45

13

6

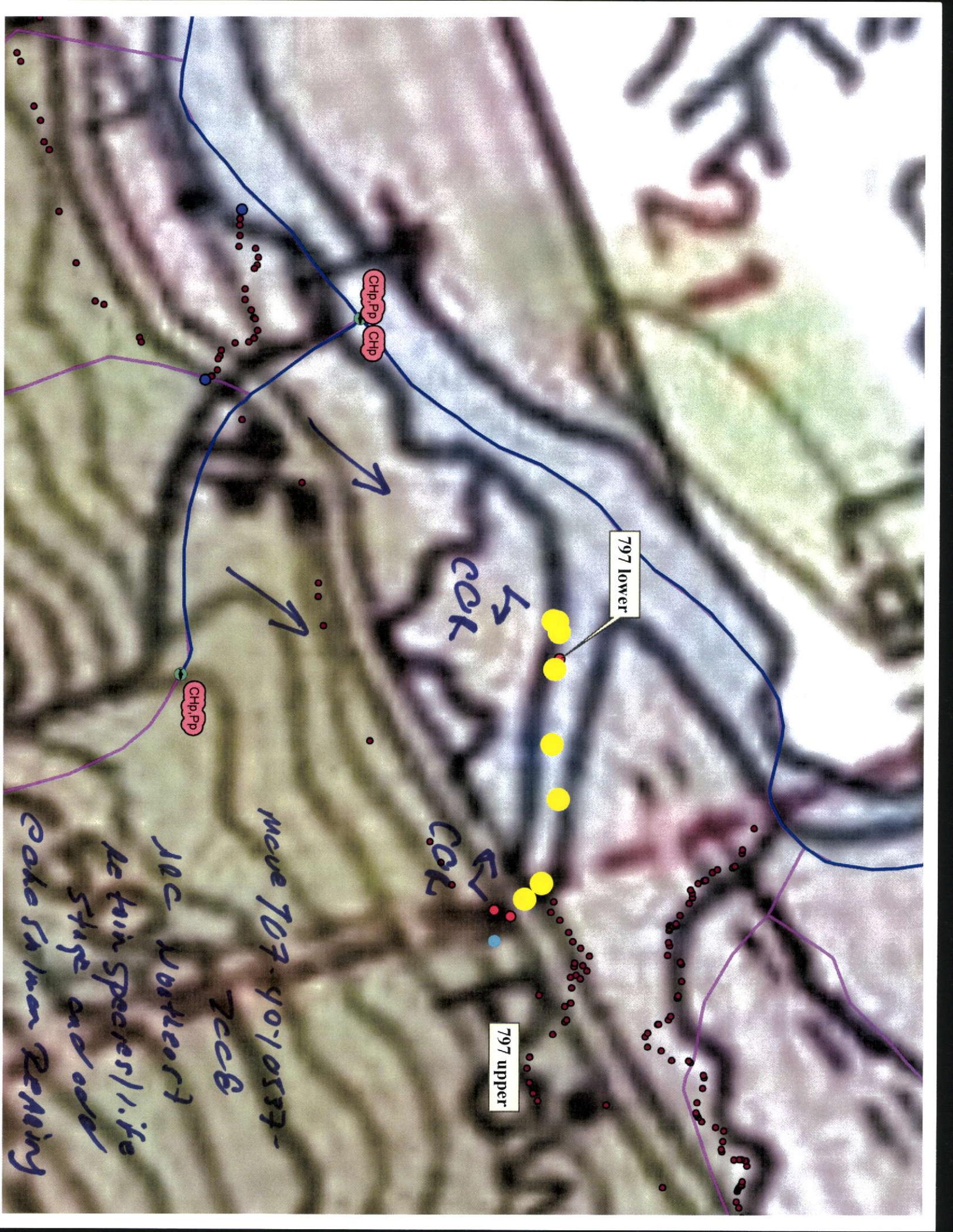
10

19

18

20

8



797 lower

797 upper

CGR

CGR

CHp, Pp

CHp, Pp

near 707-4010537-

7226

10c waterford

Acacia species / life stage and odd

oaks in lower remaining