



State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Anadromous Waters Catalog

ME

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

Anadromous Waters Catalog Number of Waterway 115-32-10250-2060-3001 **3011**

Name of Waterway Horse Farm Creek USGS Name Local Name

Addition Deletion Correction Backup Information

For Office Use

Nomination # <u>11-713</u>	<u>[Signature]</u> Fisheries Scientist	<u>10/28/11</u> Date
Revision Year: <u>2012</u>	<u>[Signature]</u> Habitat Operations Manager	<u>10/28/11</u> Date
Revision to: Atlas _____ Both <u>X</u>	<u>[Signature]</u> AWG Project Biologist	<u>10/29/11</u> Date
Revision Code: <u>C-7, C-9, D-1</u>	<u>[Signature]</u> Cartographer	<u>11/29/11</u> Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon	06/04/2011		✓	✓	✓

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(59.367692,-135.802274) Lower(59.363335,-135.799148) **REF 11-546**

Reverse 115-32-10250-2060-3001 Hydrography more pts

Shatter stream, new pin stake report pt on 115-32-10250-2060

Name of Observer (please print): Tess Quinn

Signature: _____ Date: 10/07/2011

Agency: _____

Address: 146.63.61.200 (Web Nomination)

PO Box 240927 PO Box 240927

Juneau, AK 99801

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): _____

Horse Farm Creek Correction

Stream: 115-32-10250-2060-3001

Watershed: Tahkin River

USGS Quadrangle: Skagway_B-3_SE

MTRS: S15, T29S, R57E

Date Surveyed: June, 2011

Findings: This stream's anadromous extent terminates at a steep channel waterfall significantly lower than is illustrated in the AWC. It also follows the highway more closely than currently cataloged, and enters 18 Mile Slough at a different location.

Recommendations: Update this stream's route, upper, and lower limit in the AWC.

Nomination form submitted: Yes.

Nomination Status:

Notes:

Table 1: Horse Farm Creek Survey Data

Waypoint	lat	long	Notes	Sample effort	Sample Results
18	59.369679	-135.8337	Took Point at confluence of side channel. Possible source of 18 mile slough		
19	59.365916	-135.8003	Start of track line of Horse Farm Creek. At the double colvert on the left side of road facing the border.		
20	59.366026	-135.8004	Fork in the stream. Took the creek right branch.		
21	59.366311	-135.8006	Little pretty creek entering from creek left.		
22	59.366388	-135.8007	Small tributary entering from creek left. Found to connect to WPT #20 branch.		
23	59.367692	-135.8023	End of tracking. Measure measurement above WPT was 25 meters and a 12% grade. Below the WPT 15 meter and 15% grade. Electrofishing carried out at WPT. With setting of 30Hz, 300v and burst cycle of 3. No catch.		
24	59.367133	-135.8012	Start track of creek left branch or main stem.		
25	59.366791	-135.8008	Electrofishing at 30Hz, 350v and burst cycle of 3. One Dolly Varden captured, was 140mm. Fish was immobile and quick to recover.		
26	59.366452	-135.8004	Electrofishing at 30Hz, 350v and burst cycle of 3. Two Dolly Varden at 45mm and were quick to recover.	Efish	2 DV, 45mm
27	59.366282	-135.8003	Electrofishing at 30Hz, 350v and burst cycle of 3. No catch.		
28	59.366218	-135.8002	Electrofishing at 30Hz, 350v and burst cycle of 3. Captured 3 Cutthroat and 5 Dolly Varden all were less than 40mm. Second round of electrofishing got 1 Cutthroat that was 55mm and 10 Dolly Varden less than 30mm.	Efish	1 CT, 55mm; 10 DV, 40mm
29	59.366237	-135.8003	Electrofishing on creek right. At settings 30Hz, 350v and burst cycle of 3. Captured 2 Cutthroat at 135mm.	Efish	2 CT, 135mm
30	59.366239	-135.8005	Electrofishing still on creek right. At settings 30Hz, 350v and burst cycle of 3. First round capture was nothing and second round capture was nothing.		

31	59.366316	-135.8006	Electrofishing on creek right, were branch braids a bit. At settings 30Hz, 350v and burst cycle of 3. First round 1 Dolly Varden captured. Second round nothing was captured.	Efish	1 DV
32	59.36607	-135.8001			
33	59.366074	-135.8001			
34	59.365733	-135.7998	Netted a 45mm Coho.	Handnet	1 CO, 45mm
35	59.364678	-135.7987	Netted 5 40mm Coho.		5 CO, 40mm
36	59.364571	-135.7986	Colvert enters from creek left. Little tributary		
37	59.363335	-135.7991	Horse Farm Creek empties into clear "18 mile slough"? 2 Coho 50mm and 1 Lamprey at 140mm was captured. Track continues up from WPT#37 on possible "18 mile slough".	Handnet	2 Co, 50mm; 1 lamprey, 140mm
38	59.363136	-135.8062	Netted possible Sockeye or Chum. Took a picture to further idenfication of fish, school of about 15 individuals. Less then 50mm.	Handnet	
39	59.363204	-135.809	A iron drip entering creek left. From WPT#39 went up the iron tributary.		
40	59.363136	-135.809	Start of the track for Iron tributary.		
41	59.362954	-135.8095	Netted 2 Coho at 40mm.	Handnet	2 CO, 40mm
42	59.362711	-135.8094	End of tracking of Iron tributary.		
43	59.362914	-135.809	Start of tracking of possible "18 mile slough" again.		
44	59.36204	-135.809	Tributary enter possible "18 mile slough" on creek right. Went up the tributary.		
45	59.362063	-135.8091	Start tracking of Tributary.		
46	59.361588	-135.8096	Netted 3 Coho, took a picture. There is upwelling throughout tributary.	Handnet	3 CO
47	59.361582	-135.8098	Netted 1 Coho at 65mm. A picture was taken.	Handnet	1 CO, 65mm
48	59.361633	-135.81	Viewable identification of 5 Coho and also the end of the tributary.	Visual ID	5 CO
49	59.362079	-135.8095	Start tracking in "18 mile slough" again.		
50	59.361851	-135.8105	Tributary enter creek right.		
51	59.361799	-135.8105	Start of tributary, start tracking.		
52	59.361526	-135.8108	Netted 3 Coho at 40mm.	Handnet	3 CO, 40mm
53	59.360259	-135.8151	Called it a day do to time and low water flow and quality. Starts to become ponds that have little connection. Were able to idenifty Coho up to WPT.		

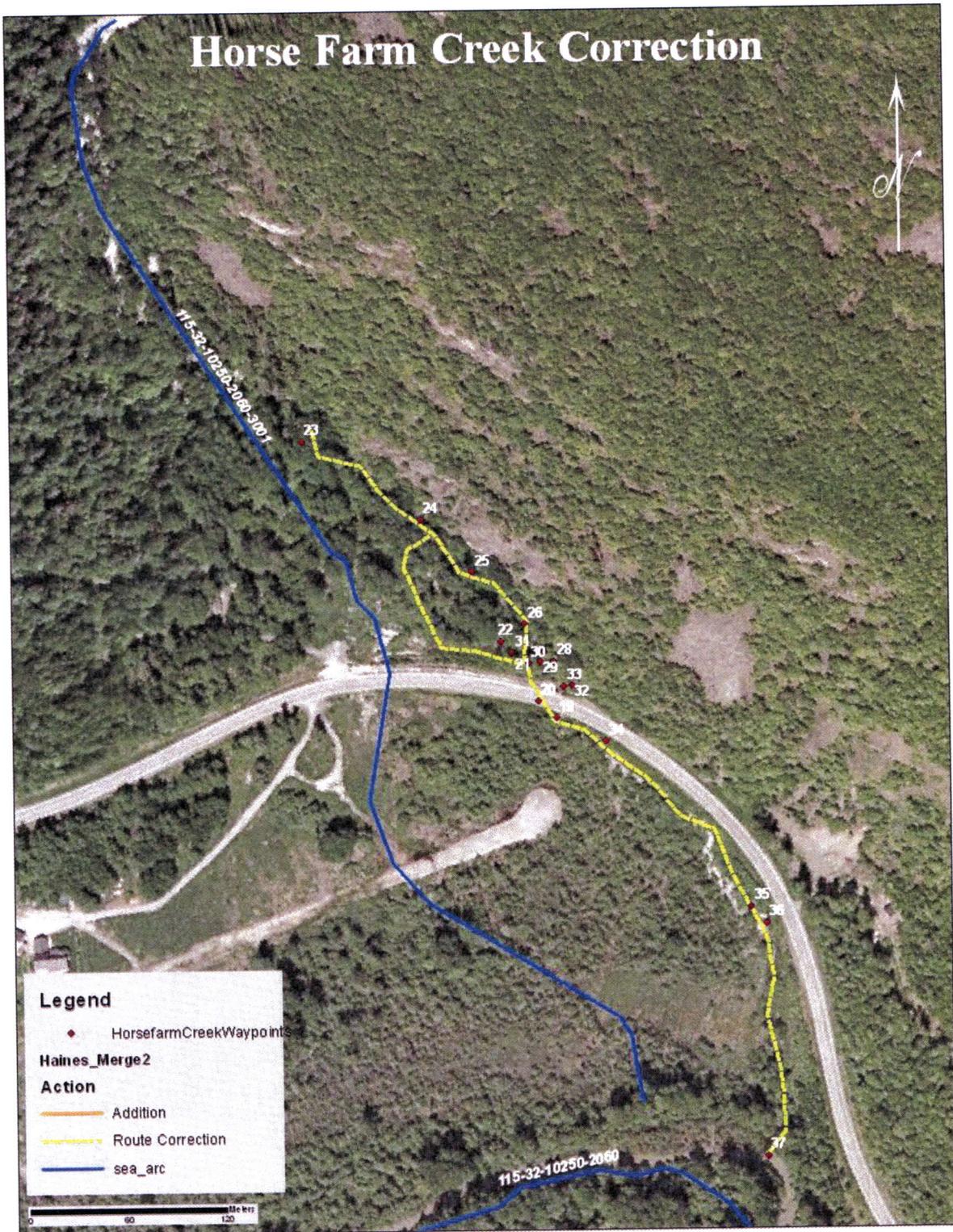
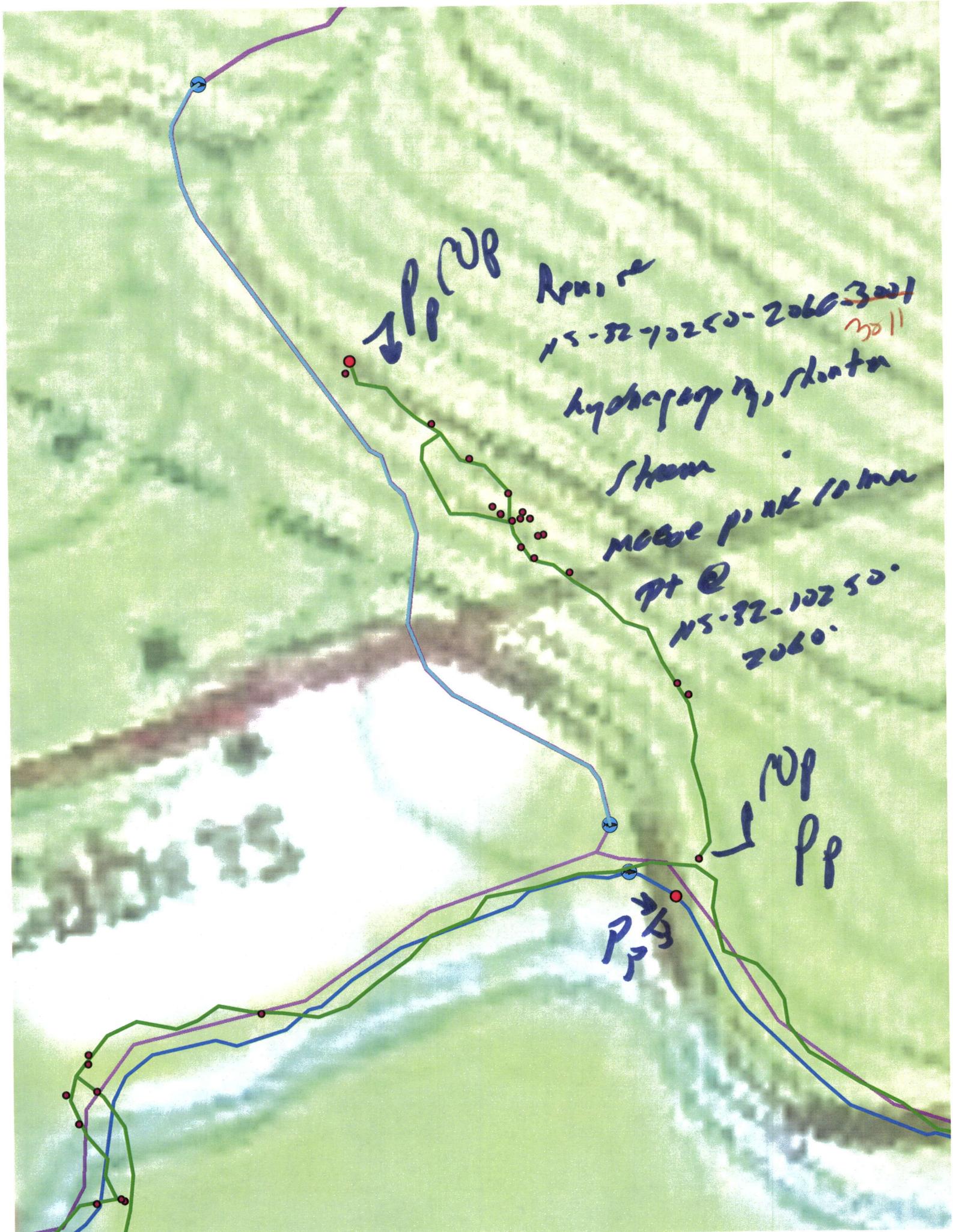


Figure 1: Horse Farm Creek Correction Map



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NS-32-10250-2060-3001
mall

hydropony, skintu

Strom

moose park 10 km

Pt @ NS-32-10250-2060

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