



State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Anadromous Waters Catalog



Region Southeastern USGS Quad(s) SKAGWAY B-3 NW

Anadromous Waters Catalog Number of Waterway 115-32-10250-2077-3066

Name of Waterway 31-Mile Creek USGS Name Local Name

Addition Deletion Correction Backup Information

For Office Use

Nomination # <u>15-648</u>	<u>James J. Hasbrouck</u> Fisheries Scientist	<u>10/26/2015</u> Date
Revision Year: <u>2016</u>	<u>Michael J. ...</u> Habitat Operations Manager	<u>10/26/15</u> Date
Revision to: <input checked="" type="checkbox"/> Atlas <input checked="" type="checkbox"/> Catalog	<u>90</u> AWC Project Biologist	<u>14 OCT 15</u> Date
Revision Code: <u>C-9</u>	<u>[Signature]</u> GIS Analyst	<u>102915</u> Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous

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:
Please update the mapped route for this stream to reflect the field-verified route, and maintain species currently cataloged.
Coordinates (Lat,Long): Upper(59.4266,-136.1191) Lower(59.4254,-136.1148)
Update creek hydro, reposition pts as needed

Name of Observer (please print): Tess Quinn

Signature: 10.7.169.139 (Web Nomination) Date: 09/10/2015

Agency: _____

Address: 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 11/14

Name of Area Biologist (please print): _____

15-648

115-32-10250-2077-3066 31-MILE CREEK

CORRECTION

Water body name: 31-Mile Creek

Survey date: 9/10/2015

Water body number: 115-32-10250-2077-3066 **Species & Lifestage:** CHsr,COsr,Ksr,CTr,DVr

Watershed: Klehini River

MTR: C028S055E **Quad:** Skagway B-3

Findings: We sampled using a backpack electrofisher and a GPS and documented coho salmon to waypoint 37 (Table 1). The current cataloged course of this stream is inaccurate.

Recommendations: Please correct the mapped route as shown in Figure 1.

Nomination number: Pending

Table 1.–Survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
8	59.4254	-136.1148	MOUTH (Confluence of Klehini & 31 Mile Creek) of Creek. Begin tracking upstream.		
9	59.4256	-136.1157	Juvenile Coho Handnetted - about 35 mm : small undercut bank.	HN	1 Coho - 35 mm
10	59.4257	-136.1161	Coho Handnetted - 35 mm. Beautiful orange coloration resembles nearby algae.	HN	1 Coho - 35 mm
11	59.4259	-136.1170	Small tributary or backwater on River right - Begin tracking.		
12	59.4257	-136.1172	3 Coho Handnetted: 40-50 mm In small channel/ tributary	HN	3 Coho - 40-50 mm
13	59.4257	-136.1179	Becomes disconnected pools and above looks to be flood channel from Klehini.		
14	59.4257	-136.1183	Small clear running stream with moderate flow enters Klehini (Confluence) Will return here to track later - - Back to 31 mile creek.		
15	59.4260	-136.1176	Small tributary enters from River left. Begin tracking upstream of small trib.		
16	59.4260	-136.1176	Dolly Varden - 25 mm Handnetted	HN	1 dolly varden - 25 mm
17	59.4261	-136.1177	Upper extent of very small Tributary. No cohos present currently.		
18	59.4260	-136.1174	2 cohos Handnetted - 25-30 mm	HN	2 cohos - 25-30 mm

Table 2.—Continued.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
19	59.4260	-136.1170	Upper extent of small tributary - water seeps out from embankment below parking lot.		
20	59.4261	-136.1172	Trap In: 11:23 AM. Located in large deep pool with abundant horsetails.	MINNOW TRAP: TIME IN: 11:23 Time out: 14:00	No Fish Caught
21	59.4260	-136.1178	Small tributary enters on River Left. Begin tracking it upstream.		
22	59.4260	-136.1178	2 Coho Handnetted up smallish tributary: 30-35 mm	HN	2 cohos - 30-35
23	59.4262	-136.1182	Upper Extent of small tributary- Trap Set 11:30 AM	MINNOW TRAP: Time In: 11:30 Time Out: 14:00	No Fish Caught
24	59.4262	-136.1183	Small tributary enters on both sides of River (Right & Left). Begin tracking river left toward road.		
25	59.4262	-136.1182	Upper extent of trib. Head toward small tributary coming from Klehini side.		
26	59.4260	-136.1189	Small tributary enters on River Right. Begin to track it upstream.		
27	59.4260	-136.1190	Coho Handnetted in Trib (Probably uncatalogued) - 40 mm.. Continue upstream.	HN	1 Coho - 40 mm
28	59.4259	-136.1193	Confluence of small tributary entering on River right: Handnetted 3 coho. 35-45 mm, about 5 feet up small tributary. Track Upstream.	HN	3 Cohos: 35-45 mm
29	59.4257	-136.1195	Upper extent of small tributary Very close to being side channel of WPT #14 stream, but NOT connected!		
30	59.4261	-136.1200	Upper extent of small tributary: No more fish habitat present. Source = Forest/spring upwelling.		

Table 3.-Continued.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
31	59.4260	-136.1194	Coho Handnetted - about 60 mm. Trib enters on River left Possibly look into later if it isn't a side channel: Ended up a side channel	HN	1 Coho - 60 mm
32	59.4261	-136.1197	Upper extent of tributary- - becomes dense forest with no more water - Back to 31 mile creek?		
33	59.4260	-136.1196	Visual ID - Coho - about 35 mm in pool, just before upper extent Coho Handnetted - 60 mm! Photos of fish in HN (very dark speckling).	HN	1 Coho : 60 mm
34	59.4263	-136.1186	small tributary enters on River Right. Little flow. Iron rich but looks like fish habitat.		
35	59.4262	-136.1189	Trib ends into horsetail and alder - no evidence of fish present.		
36	59.4266	-136.1189	Apparent hatchery boxes present in center of stream - no obvious barrier - don't seem to be active (see photos).		
37	59.4266	-136.1191	3 Cohos Handnetted: 30-50 mm. Continue Upstream	HN	3 cohos - 30-50 mm
38	59.4267	-136.1192	Tributary enters on river right - Man-made dam (probably to create gravity fed hatchery irrigation) from sandbags and rocks. backs up trib. About 2 feet tall. Begin Tracking Tributary. No inflow to side pool, irrigated in through large black pipe.		
39	59.4270	-136.1198	Small tributary enters from River left. Begin tracking up the tributary.		
40	59.4272	-136.1199	Upper extent - becomes cascades of waterfalls coming from roadside - no fish habitat present.		

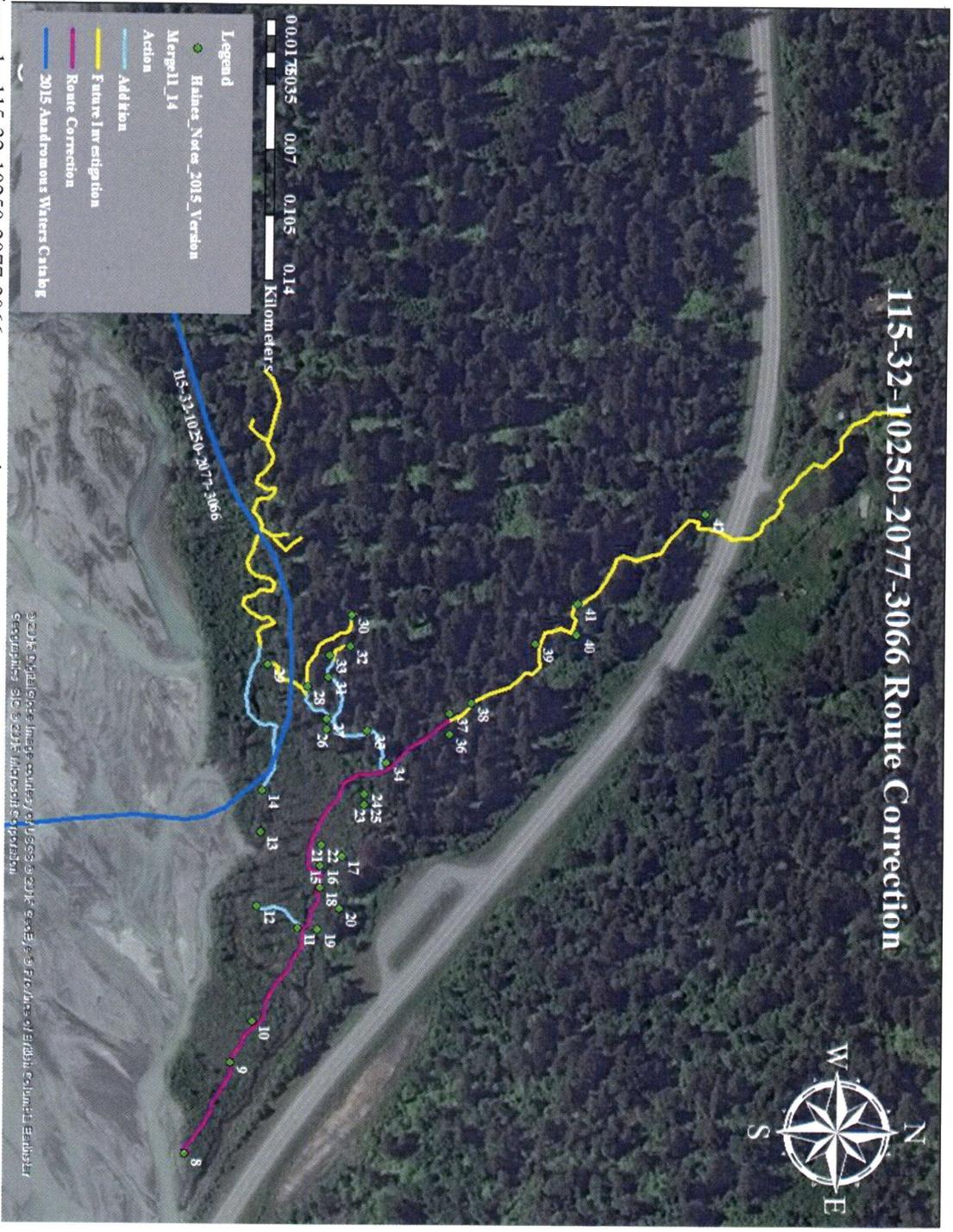


Figure 1.-115-32-10250-2077-3066 route correction map.

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