



State of Alaska  
Department of Fish and Game  
Sportfish Division

Nomination Form  
Anadromous Waters Catalog



Region Southeastern USGS Quad(s) Skagway A-2 NE

Anadromous Waters Catalog Number of Waterway 15-32-10236

Name of Waterway 3 1/2 Mile Mud Bay Road Creek  USGS Name  Local Name

Addition  Deletion  Correction  Backup Information

For Office Use

Nomination #	<u>12-571</u>	<u>[Signature]</u>	<u>11/2/12</u>
		Fisheries Scientist	Date
Revision Year:	<u>2013</u>	<u>[Signature]</u>	<u>11/2/12</u>
		Habitat Operations Manager	Date
Revision to:	Atlas <u>Both</u> <input checked="" type="checkbox"/>	<u>[Signature]</u>	<u>10/10/12</u>
		AWC Project Biologist	Date
Revision Code:	<u>A-2d</u>	<u>[Signature]</u>	<u>11/27/12</u>
		Cartographer	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
sockeye salmon <u>(1)</u>	07/19/2012		✓	✓	✓
pink salmon <u>(1)</u>	07/19/2012		✓	✓	✓
coho salmon <u>(Sawna)</u>	07/19/2012		✓	✓	✓
Dolly Varden	07/19/2012			✓	

**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 also observed cutthroat trout on 7/12/12- present  
Coordinates (Lat,Long): Upper(59.191676,-135.410733) Lower(59.190631,-135.412924)

Name of Observer (please print): Nicole Legere

Signature: 146.63.61.200 (Web Nomination) Date: 09/25/2012

Agency: \_\_\_\_\_

Address: PO Box 110024 PO Box 110024  
Juneau, AK 99811-0024

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): \_\_\_\_\_

**3 ½ Mile Mud Bay Road Creek Addition***Stream:* 3 ½ Mile Mud Bay Road Creek*Watershed:* Chilkat-Inlet Frontal Lynn Canal*USGS Quadrangle:* Skagway A-2*MTRS:* CO31S059E*Date Surveyed:* July 19, 2012*Findings:* This uncataloged stream is located at 3 ½ mile Mud Bay Road. A potential barrier of large boulders and steep gradient is present just below the road culvert. A potential velocity barrier is present above the culvert comprised of bedrock and no resting pools. No fish were found above the culvert.*Recommendations:* Add this stream to the AWC.*Nomination form submitted:* Yes*Nomination status:**Notes:***Table 1: 3 ½ Mile Mud Bay Road Creek Survey Data**

Waypoints	Latitude	Longitude	Notes	Sample Effort	Sample Results
205	59.190631	-135.412924	This point is at mouth of creek entering into the Chilkat River and ocean mix. Tracking and shocking up. Electrofished and got one Sockeye about 40mm. We are even with average high tide line.	Electrofishing	1 Sockeye ~ 40mm
206	59.190723	-135.41278	Electrofished and got one Pink about 20mm and two Coho about 45mm. We are just above the average high tide line.	Electrofishing	1 Pink ~ 20mm, 2 Coho ~ 45mm
207	59.190742	-135.412728	Electrofished and got one Dolly Varden about 65mm and two Coho between 35-55mm.	Electrofishing	1 Dolly Varden ~65mm, 2 Coho ~ 35-55mm
208	59.19075	-135.412773	Electrofished the water boiled with fish at least ten fish. Able to net two Coho between 35-60mm. This is even with the highest high tide line.	Electrofishing	2 Coho between 35-60 mm
209	59.190822	-135.412704	Electrofished and got two Coho about 60mm.	Electrofishing	2 Coho ~ 60mm
210	59.190887	-135.412603	Electrofished and got one Cutthroat about 80mm.	Electrofishing	1 Cutthroat ~ 80mm
211	59.191077	-135.412566	Handnetted without the electrofisher one Cutthroat about 65mm.	Handnet	1 Cutthroat ~ 65mm
212	59.191105	-135.412409	Electrofished and got three Cutthroat between 40-90mm.	Electrofishing	3 Cutthroat between 40-90mm
213	59.191083	-135.412266	Electrofished and got two Coho about 50mm.	Electrofishing	2 Coho ~ 50mm

214	59.191178	-135.41222	Electrofished and got one big Dolly Varden about 70mm and one Cutthroat about 60mm and a Sculpin.	Electrofish	1 Dolly Varden ~ 70mm, 1 Cutthroat ~60mm, 1 Sculpin
215	59.191185	-135.411861	Where culvert that crosses Mud Bay Road empties out and flows to ocean. From here to WPT#214 there are big boulders and steep gradient. Problem for both up and downstream migration. Especially for downstream migration if Lily lake is pumping out fish.		
216	59.191676	-135.410733	Calling the top. The beach side is a barrier and then once across road there is a place where flow is running across bedrock and no pools for resting as jumping. Making a velocity barrier. Electrofished above road also and got nothing.	Electrofish	No Fish



Figure 1: ~~Map of 14-Mile Creek (115-32-10250-2044) Correction Map~~

Waypoints	lat	lon	ns1:time2	Notes	Sample Effort	Sample Results
189	59.326752	-135.74121	2012-07-19T17:34:43Z	Start of 14 Mile Creek emptying into Chilkat River. Will be tracking up.		
190	59.327156	-135.741243	2012-07-19T17:39:57Z	This is where 14 Mile Creek crosses the Haines Hwy through two culverts that are completely under water. Was able to handnet five Coho about 20mm.	Handnet	5 Coho about 20mm
191	59.328983	-135.742516	2012-07-19T18:01:46Z	Branch in flow, the breach goes river left and appears to be getting most of the flow. Tracking this. Photos (2). Branch mentioned in WPT#191 connects with another branch. Tracking downstream.		
192	59.329149	-135.742184	2012-07-19T18:05:54Z	Where branch reconnects with other branch that went river right in WPT#191.		
193	59.32879	-135.742023	2012-07-19T18:09:00Z	Tributary entering river left. Tracking up.		
194	59.329782	-135.742927	2012-07-19T18:19:53Z	Handnetted three Coho about 25mm.	Handnet	3 Coho about 25mm
195	59.329847	-135.742846	2012-07-19T18:21:06Z	Calling this the top of this tributary. We have electrofished up to this point, but have not gotten anything not even a Dolly Varden. Photos (3).	Electrofisher	Nothing
196	59.330516	-135.743171	2012-07-19T18:32:57Z	Top of this branch. The water is just seeping out of the ground here. Matt did a walk around and did not find anymore stream. Going to fish. Electrofished and got four Coho about 30mm.	Electrofisher	4 Coho about 30mm
197	59.329762	-135.743419	2012-07-19T18:54:03Z	This where water is flowing through forest area. This area shows high evidence of creek changing channel direction and width a lot. Photos (4). Tracking up.		
198	59.329864	-135.744561	2012-07-19T19:19:29Z	Calling this the top of 14 Mile Creek. The water is very channelized and raging with minimal spots for fish to rest. Electrofished in pockets we could find but got nothing. GPS photos (3) and Matts camera photos (2).		
199	59.331026	-135.744726	2012-07-19T19:35:47Z	The culvert that creek enters to cross is broken and enters the culvert from under the culvert. The culvert is also heavily blocked by debris. Photos (4) camera.		
200	59.225829	-135.432653	2012-07-19T21:00:55Z	This is where creek hits the beach. The creek comes out of forest belt between road and beach. The water just goes into beach substrate of sand and rock and does not reach ocean above ground. But there is seaweed in surface flow of stream before it goes under ground. This is another stream where the mouth hits the beach and goes under ground.		
201	59.226093	-135.432311	2012-07-19T21:05:50Z	Mouth of culvert on beach side. Fish could not pass this. Photos (2).		
202	59.226696	-135.434119	2012-07-19T21:27:53Z	Where creek comes off hill and enters culvert.		
203	59.226575	-135.434198	2012-07-19T21:31:59Z	This point is at mouth of creek entering into the Chilkat River and ocean mix. Made contact with family member of land owner and got ok to walk stream. Tracking and shocking up. Electrofished and got one Sockeye about 40mm. We are even with average high tide line.	Electrofisher	1 Sockeye about 40mm
204	59.226443	-135.434319	2012-07-19T21:36:01Z	Electrofished and got one Pink about 20mm and two Coho about 45mm. We are just above the average high tide line.	Electrofisher	1 Pink about 20mm and 2 Coho about 45mm
205	59.190631	-135.412924	2012-07-19T21:59:18Z	Electrofished and got one Dolly Varden about 65mm and two Coho between 35-55mm.	Electrofisher	1 Dolly Varden about 65mm and 2 Coho about 35-55mm
206	59.190723	-135.41278	2012-07-19T22:07:39Z	Electrofished the water boiled with fish at least ten fish. Able to net two Coho between 35-60mm. Photo (1). This is even with the highest high tide line.	Electrofisher	2 Coho between 35-60mm
207	59.190742	-135.412728	2012-07-19T22:11:03Z	Electrofished and got two Coho about 60mm.	Electrofisher	2 Coho about 60mm
208	59.19075	-135.412773	2012-07-19T22:13:52Z	Electrofished and got one Cutthroat about 80mm.	Electrofisher	1 Cutthroat about 80mm
209	59.190822	-135.412704	2012-07-19T22:17:57Z	Handnetted without the electrofisher one Cutthroat about 65mm.	Handnet	1 Cutthroat about 65mm
210	59.190887	-135.412603	2012-07-19T22:20:25Z	Electrofished and got three Cutthroat between 40-90mm.	Electrofisher	3 Cutthroat between 40-90mm
211	59.191077	-135.412566	2012-07-19T22:29:42Z	Electrofished and got two Coho about 50mm.	Electrofisher	2 Coho about 50mm
212	59.191105	-135.412409	2012-07-19T22:39:59Z	Electrofished and got one big Dolly Varden about 70mm and one Cutthroat about 60mm and a Sculpin.	Electrofisher	1 Dolly Varden about 70mm and 1 Cutthroat about 60mm and a Sculpin
213	59.191083	-135.412266	2012-07-19T22:43:06Z	Where culvert that crosses Mud Bay Road empties out and flows to ocean. From here to WPT#214 there are big boulders and steep gradient. Problem for both up and downstream migration. Specially for downstream migration if Lily lake is pumping out fish.		
214	59.191178	-135.41222	2012-07-19T22:47:54Z	Calling the top. The beach side is a barrier and then once across road there is a place where flow is running across bedrock and no pools for resting as jumping. Making a velocity barrier. Electrofished above road also and got nothing.	Electrofisher	Nothing
215	59.191185	-135.411861	2012-07-19T22:51:59Z			
216	59.191676	-135.410733	2012-07-19T23:05:22Z			

\*Other Notes\*

Beath said that this stream use to get a run of Pinks, but that it has not happened in a couple of years.

add new stream 115-32-10236  
w/coho salmon rearing  
use arc2013 for hydrography

2 - COr

2 - COr

1 - Pr, 2 - COr

2 - COr

2 - COr

1 - Sr

