



State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Anadromous Waters Catalog

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Region Southeastern USGS Quad(s) Petersburg C-2

Anadromous Waters Catalog Number of Waterway 108-40-10602

Name of Waterway Launch Creek USGS Name Local Name

Addition Deletion Correction Backup Information

For Office Use

Nomination #	<u>13-545</u>	<u>[Signature]</u>	<u>10/29/13</u>
		Fisheries Scientist	Date
Revision Year:	<u>2014</u>	<u>[Signature]</u>	<u>10/29/13</u>
		Habitat Operations Manager	Date
Revision to:	Atlas _____	<u>[Signature]</u>	<u>9/9/13</u>
	Both <u>X</u>	AWC Project Biologist	Date
Revision Code:	<u>A-2d</u>	<u>[Signature]</u>	<u>11/26/13</u>
		Cartographer	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon <u>20+</u>	05/22/2013		✓	✓	✓
chum salmon <u>(2)</u>	05/22/2013		✓	✓	✓
pink salmon <u>(1)</u>	05/22/2013		✓	✓	✓
Dolly Varden	05/22/2013			✓	

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:

Additional fish species:
Cutthroat trout 05/22/2013 present.
Coordinates (Lat,Long): Upper(56.5548,-132.6296) Lower(56.5543,-132.6306)

Add new stream w/ coho and chum salmon REARING

Name of Observer (please print): Nicole Legere
Signature: _____ Date: 09/04/2013
Agency: _____
Address: PO Box 110024 Room 209
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): _____

LAUNCH CREEK ADDITION

Stream: Launch Creek

Watershed: Stikine River-Frontal Stikine Strait

MTRS: C061S082E, Petersburg C-2

Date Surveyed: May 22, 2013

Findings: This uncataloged stream runs under a boat launch road then continues to parallel the Mitkof Highway. We surveyed this stream and tributaries and caught juvenile coho, pink, and chum salmon below the culvert. This stream ends where the water goes subterranean.

Recommendations: Add this creek to the Anadromous Waters Catalog.

Table 1: Launch Creek survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
179	56.5543	-132.6306	Above intertidal zone of creek. Tracking up.		
180	56.5546	-132.6304	Caught several YOY salmon below road. Stream fed by roadside ditch.	EF	9 CO, 2 CH, 1 P
181	56.5547	-132.6301		EF	6 CO YOY
182	56.5547	-132.6300	Small tributary entering river right. Tracking up.		
183	56.5548	-132.6301		EF	2 DV, 2 sculpin
184	56.5548	-132.6301	Downstream side of culvert. Water pulses through culvert in an inconsistent flow.	EF	1 DV
185	56.5550	-132.6303	Upstream side of culvert. Consistent flow in this side. Stream runs along ditch.		
186	56.5552	-132.6296	Electrofished along roadside. Ends at a ~ 20 ft. bedrock wall barrier.	EF	No Fish
187	56.5548	-132.6298	Pool at base of downstream culvert. Culvert runs beneath access road to boat launch. Culvert is perched ~ 6".	EF	3 CO, 1 DV, 2 CT, 2 sculpin
188	56.5547	-132.6297	Upstream side of culvert.		
189	56.5549	-132.6293		EF	1 CT
190	56.5550	-132.6291	Tributary entering river right. Tracking.		
191	56.5553	-132.6287	Downstream side of culvert. 1/2 of the culvert is filled with substrate. Definitely fish passable.	EF	No fish

Table 2 Continued: Launch Creek survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
192	56.5560	-132.6278	No fish. Top of watered area.	EF	No Fish
193	56.5553	-132.6285		EF	1 CT
194	56.5553	-132.6285	Same spot as 193.		
195	56.5555	-132.6282		EF	2 CT
196	56.5555	-132.6281		EF	1 DV
197	56.5556	-132.6281	Caught 1 small and 1 large CT in pool.	EF	2 CT
198	56.5556	-132.6280		EF	1 CT
199	56.5557	-132.6277		EF	1 CT
200	56.5558	-132.6275		EF	1 CT
201	56.5558	-132.6275		EF	1 DV
202	56.5560	-132.6271	Tributary entering river right. Tracking.		
203	56.5561	-132.6271	Downstream side of culvert. Small, passable.		
204	56.5562	-132.6270	Upstream side of culvert. Small tributary along highway.		
205	56.5564	-132.6268	End of watered section.		
206	56.5561	-132.6270	Back to mainstem.		
207	56.5565	-132.6258		EF	2 DV
208	56.5566	-132.6253		EF	2 DV
209	56.5567	-132.6250	Tributary entering river left. Downstream side of culvert. Culvert is 1/2 full of sediment on this end. Passable. Tracking and electrofishing.	EF	1 DV
210	56.5569	-132.6249	Upstream of culvert. Mainstem. No gravel.		
211	56.5569	-132.6248	Tributary entering tributary on river left. Nice gravel. Tracking. DV in mouth.	EF	1 DV
212	56.5571	-132.6237	Top of roadside tributary. Seeps out of the ground.		
213	56.5569	-132.6249	Possible barrier. Root wad causing ~ 2 ft. drop. No pool below. Electrofishing above.		
214	56.5570	-132.6238	Top of tributary along the other side of highway.		
215	56.5571	-132.6247		EF	2 DV
216	56.5571	-132.6246	Calling it the top. Water goes subterranean.		
217	56.5556	-132.6286	Upstream of culvert. Tracking and electrofishing up along road.		



Figure 1: Chum salmon caught in Launch Creek.



Figure 2: Downstream side of slightly perched culvert under the boat launch road.



Figure 3: Launch Creek addition map.

add new stream 108-40-10602 w/chum & coho salmon rearing
use nomsllegere\arcs\PetersburgStreams2013.shp for hydro

