



State of Alaska  
Department of Fish and Game  
Sportfish Division

Nomination Form  
Anadromous Waters Catalog

X

Region Southcentral

USGS Quad(s) ILIAMNA A-4

Anadromous Waters Catalog Number of Waterway 243-20-10050

Name of Waterway Mikfik Creek

Addition  Deletion  Correction  Backup Information  USGS Name  Local Name

		For Office Use	
Nomination #	<u>15-551</u>	<u>James J. Hasbrouck</u> Fisheries Scientist	<u>5/8/2015</u> Date
Revision Year:	<u>2016</u>	<u>Michelle J. A.</u> Habitat Operations Manager	<u>5/8/15</u> Date
Revision to:	<input checked="" type="checkbox"/> Atlas <input checked="" type="checkbox"/> Catalog	<u>JK</u> AWC Project Biologist	<u>9/17/15</u> Date
Revision Code:	<u>B-1</u>	<u>TJ</u> GIS Analyst	<u>5/21/15</u> Date

Species	OBSERVATION INFORMATION				
	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon	08/07/2014		✓		✓

ref now # 15-550

**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:**  
See Attachment.  
Coordinates (Lat,Long): Upper(59.107540,-154.256499) Lower(59.116324,-154.252142)  
Add coho salmon rearing to creek

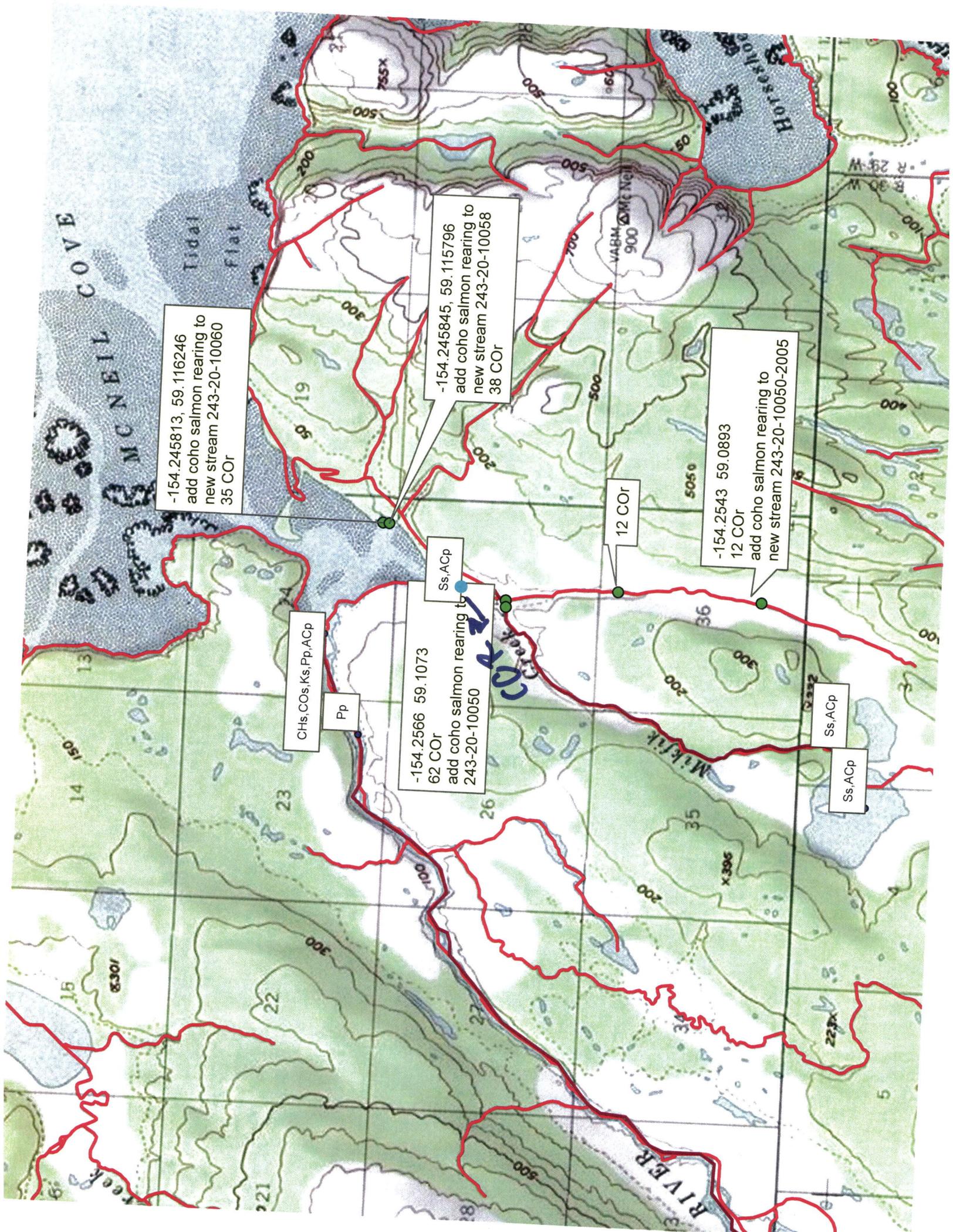
Name of Observer (please print): Ted Otis  
Signature: 146.63.23.79 (Web Nomination) Date: 12/24/2014  
Agency: ADFG - CF  
Address: Alaska Dept. of Fish and Game 3298 Douglas Place  
Homer, AK 99603

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

This nomination is to add coho salmon (juvenile, rearing) to the anadromous species documented in Mikfik Creek (243-20-10050), a small stream draining Mikfik Lake in the McNeil River State Game Sanctuary. On 7 August 2014 Joe Loboy, Ed Weiss, and I made several minnow trap sets in Mikfik Creek below its confluence with "Joe's Creek" (local name), and caught 62 juvenile coho salmon (age-1), which were sampled for genetics. We did not sample Mikfik Creek above this point (59.107540, 154.256499), but appropriate rearing habitat exists upstream to a 1.5m waterfall that occurs at 59.106754 N by 154.260268 W. This obstacle is not a barrier to adult sockeye salmon migration to Mikfik Lake, but it may preclude the upstream distribution of juvenile coho salmon. Appropriate coho rearing habitat occurs at various locations throughout Mikfik Creek downstream of this point.



Figure 1. Google Earth image illustrating lower Mikfik Creek and the location (Mikfik Juv. Coho Sampling; 59.107540, 154.256499) that 62 juvenile coho salmon (age-1) were captured in minnow traps and sampled for genetics by ADF&G staff (Ted Otis, Joe Loboy, Ed Weiss) on August 7, 2014. Distribution of juvenile coho likely occurs from the mouth of Mikfik Creek (59.116324, 154.252142) up to Lower Mikfik Falls (59.106754, 154.260268).



-154.245813, 59.116246  
add coho salmon rearing to  
new stream 243-20-10060  
35 COR

-154.245845, 59.115796  
add coho salmon rearing to  
new stream 243-20-10058  
38 COR

-154.2543 59.0893  
12 COR  
add coho salmon rearing to  
new stream 243-20-10050-2005

-154.2566 59.1073  
62 COR  
add coho salmon rearing to  
243-20-10050

CHs, COs, Ks, Pp, ACp

Pp

Ss, ACp

12 COR

Ss, ACp

Ss, ACp