



State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Anadromous Waters Catalog



Region Southcentral

USGS Quad(s) ILIAMNA A-4

Anadromous Waters Catalog Number of Waterway 243-20-10050-2005

Name of Waterway Joe's Creek (Local)

Addition Deletion Correction Backup Information USGS Name Local Name

For Office Use

Nomination #	<u>15-550</u>	<u>James J. Hasbrouck</u>	<u>5/8/2015</u>
Revision Year:	<u>2016</u>	Fisheries Scientist	Date
Revision to:	<input checked="" type="checkbox"/> Atlas	<u>Michelle J. Juffa</u>	<u>5/8/15</u>
	<input checked="" type="checkbox"/> Catalog	Habitat Operations Manager	Date
Revision Code:	<u>A-2, B-1</u>	<u>JH</u>	<u>4/17/15</u>
		AWC Project Biologist	Date
		<u>TR</u>	<u>5/21/15</u>
		GIS Analyst	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon	08/06/2014		✓		

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: add coho salmon present to 243-20-10050 add new stream - 2005
 This nomination is to add coho salmon (juvenile, rearing) to the anadromous species documented in a small tributary, locally known as "Joe's Creek", that runs parallel to Mikfik Creek before joining it approximately 1 km upstream from McNeil Lagoon. On 6 August 2014, while hiking up Joe's Creek to access Mikfik Lake, we (Ted Otis, Joe Loboy, Drew Hamilton) observed juvenile fish throughout the stream between the two points listed above. We set (10 minutes) a baited (salmon eggs) minnow trap at the upper location (59.089288, 154.252775), just below a 1 meter waterfall created by a very old but recently blown out beaver dam (Fig 1), and caught 12 juvenile (age-1) coho salmon (Fig 2). A second set (10 minutes) halfway between the two points listed above yielded another 12 juvenile coho salmon
 Coordinates (Lat,Long): Upper(59.089288,-154.252775) Lower(59.107290,-154.256152)
nom ref # 15-551 Salmon REARING

Name of Observer (please print): Ted Otis
 Signature: 146.63.23.80 (Web Nomination) Date: 12/23/2014
 Agency: _____
 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: _____
 Name of Area Biologist (please print): _____

AWC Nomination Supplemental Information: Joe's Creek, rearing juvenile Coho salmon; Ted Otis, FB III, Homer

This nomination is to add coho salmon (juvenile, rearing) to the anadromous species documented in a small tributary, locally known as "Joe's Creek", that runs parallel to Mikfik Creek before joining it approximately 1 km upstream from McNeil Lagoon (59.107290, 154.256152). On 6 August 2014, while hiking up Joe's Creek to access Mikfik Lake, we (Ted Otis, Joe Loboy, Drew Hamilton) observed juvenile fish throughout the stream. We set (10 minutes) a baited (salmon eggs) minnow trap at the uppermost distribution of fish (59.089288, 154.252775), just below a 1 meter waterfall created by a very old but recently blown out beaver dam (Fig 1), and caught 12 juvenile (age-1) coho salmon (Fig 2). A second set (10 minutes) halfway between the two points listed above yielded another 12 juvenile coho salmon. Figure 3 illustrates the location of Joe's Creek in the McNeil River State Game Sanctuary and the extent of juvenile coho salmon distribution within the creek.



Figure 1. Joe Loboy displaying a minnow trap containing 12 juvenile coho salmon, caught just below an old but recently blown out beaver dam on "Joe's Creek" (local name), a small tributary to Mikfik Creek in the McNeil River State Game Sanctuary, 6 August 2014. Note: the small drop created by the old beaver dam was about 1-m in height and effectively blocked upstream passage of fish as none were observed above this point. Photo by Ted Otis.



Figure 2. Minnow trap containing containing 12 juvenile coho salmon, caught just below an old but recently blown out beaver dam on “Joe’s Creek” (local name), a small tributary to Mikfik Creek in the McNeil River State Game Sanctuary, 6 August 2014. Photo by Ted Otis.

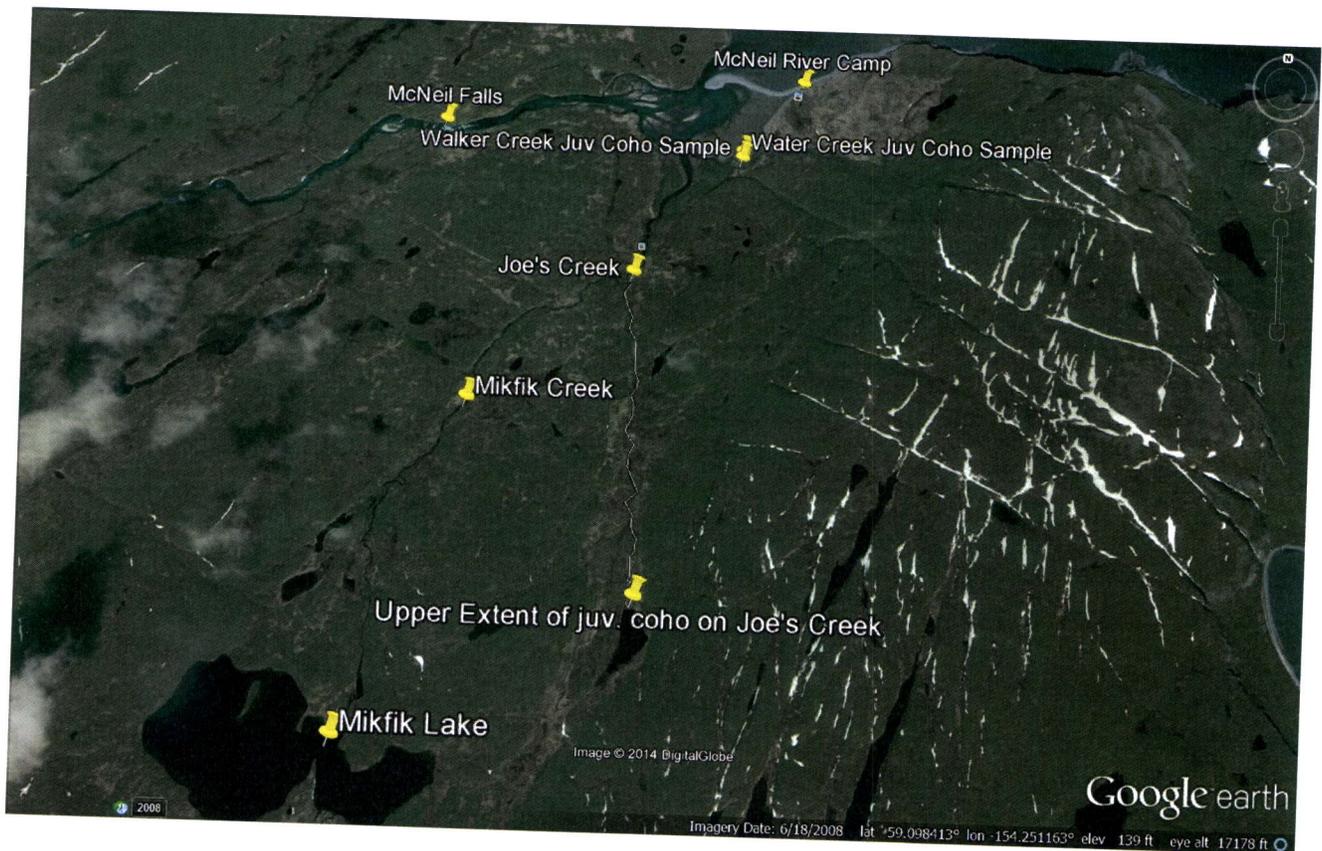
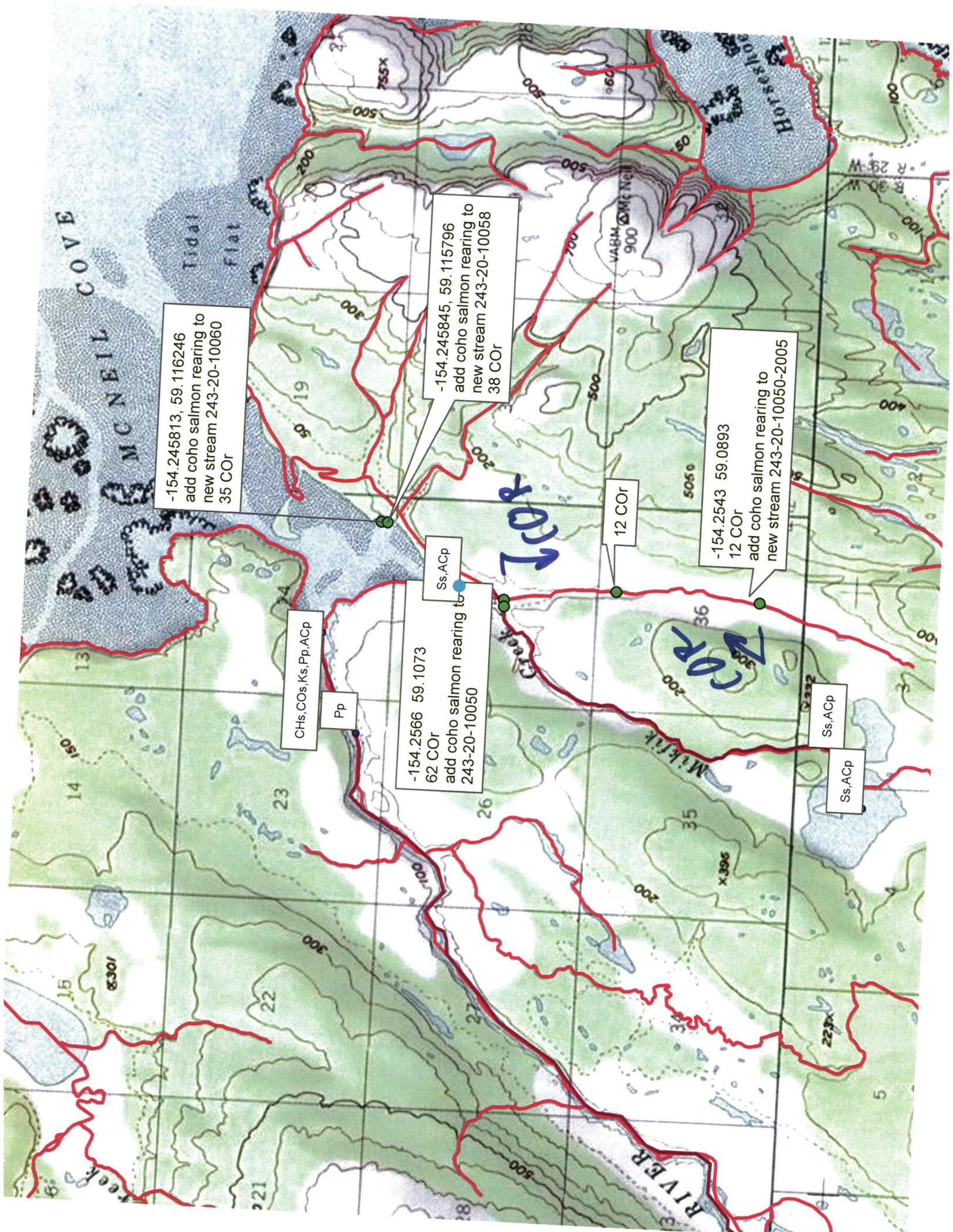


Figure 3. Google Earth image showing the extent of juvenile coho salmon distribution in Joe’s Creek (white line), a small tributary to Mikfik Creek in the McNeil River State Game Sanctuary.



-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

COR

COR

MCNEIL COVE

Tidal
Flat

MCKENZIE
RIVER

WARM DAM NE

R 29 W
R 30 W

8301

8302

223X

5

5

5

5

5