



State of Alaska
Department of Fish and Game
Division of Sport Fish

Nomination Form
Anadromous Waters Catalog

Region Southcentral

USGS Quad(s) Anchorage B-7

AWC Number of Water Body 247-50-10110-2053

Name of Water body Meadow Creek USGS Name Local Name

Addition Deletion Correction Backup Information

For Office Use

Nomination #	<u>150477</u>	<u>James J. Hasbrouck</u>	<u>10/26/2015</u>
Revision Year:	<u>2016</u>	Fisheries Scientist	Date
Revision to:	Atlas _____ Catalog _____	<u>Michael J. ...</u>	<u>10/26/15</u>
	Both <input checked="" type="checkbox"/>	Habitat Operations Manager	Date
Revision Code:	<u>B-1, B-2, B-6</u>	<u>[Signature]</u>	<u>20 Sept 15</u>
		AWC Project Biologist	Date
		<u>[Signature]</u>	<u>11 5 15</u>
		GIS Analyst	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho	06/25/2015		X		<input checked="" type="checkbox"/>
Chinook	06/25/2015		X		<input checked="" type="checkbox"/>
chum	08/25/2015	X			<input checked="" type="checkbox"/>
pink salmon	08/25/2015	X		X	<input checked="" type="checkbox"/>
					<input type="checkbox"/>

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

Ps & Pp replace pink salmon present w/ spawning in portion of creek
Add Kr, COr, and CHs to 247-50-10110-2053. Please see attached trip reports for more details.
Add Chinook & coho salmon rearing.
Add Chum salmon & pink salmon spawning / present to creek

Name of Observer (please print): Jacob Cunha
Signature: [Signature]
Agency: ADF&G Div. of Habitat
Address: 333 Raspberry Road
Anchorage, AK 99518

Date: 09/25/2015
ALASKA DEPT. OF FISH & GAME

SEP 5 2 2015
ALASKA DEPT. OF FISH & GAME

SEP 25 2015

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): _____

Revision 11/13

MEMORANDUM

State of Alaska

Department of Fish and Game
Division of Habitat

TO: Michael Daigneault
Regional Supervisor
Central Region

DATE: September 15, 2015

PHONE NO.: 267-2812

FROM: Jacob Cunha
Habitat Biologist
Central Region

SUBJECT: Meadow Creek
AKSSF Fish Sampling

On Thursday August 20, 2015, Josh Brekken (ADF&G) and I surveyed Meadow Creek for the purpose of sampling waters in the Municipality of Anchorage to document the presence of anadromous fish. We walked the stream to look for migrating and spawning salmon. The data collected will be used to submit official nominations for inclusion in the Anadromous Waters Catalog (AWC) and its companion Atlas. Inclusion in the AWC will afford protection to anadromous fish habitats under Alaska Statute (AS) 16.05.871.

We began the survey at the confluence of Meadow Creek with Eagle River and walked upstream to Old Eagle River Road. We divided the area into 4 reaches separated by culverts in the stream (see attached Map). The first reach is from the confluence up to Hidden Haven Drive. The second reach is from Hidden Haven Drive upstream to the driveway culvert. The third reach is from the driveway culvert to Eagle River Road. The fourth reach is from Eagle River Road to Old Eagle River Road. Meadow Creek is currently nominated in the AWC for Chinook and pink salmon spawning up to Eagle River Road.

In Reach 1 we observed 51 pink salmon, 6 were actively spawning, and 10 pink salmon carcasses that appeared to be spawned out. We also saw 6 chum salmon, 2 actively spawning, and 3 chum salmon carcasses that appeared to be spawned out (see Photo 1). There were numerous pink and coho salmon carcasses that were filleted and dumped in the creek within this reach (see Photo 2). We have no way of confirming where these fish originated so they were not counted in this survey.

In Reach 2 we observed 21 pink salmon, 0 were actively spawning, and there were 0 carcasses. In Reach 3 we observed 14 pink salmon, 4 were actively spawning and there were 2 spawned out pink salmon carcasses (see Photo 3). In Reach 4 we did not see any salmon.

As a result of this survey, I will nominate chum salmon spawning to be added to Meadow Creek in the AWC.

cc: A. Ott, ADF&G
J. Brekken, ADF&G
M. Thalhauser, ADF&G
S. Ayers, ADF&G



Map: Meadow Creek Survey

Meadow Creek
AWC

Google earth

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800ft



MEMORANDUM

State of Alaska

Department of Fish and Game
Division of Habitat

TO: Michael Daigneault
Regional Supervisor
Central Region

DATE: July 15, 2015

PHONE NO.: 267-2812

FROM: Jacob Cunha
Habitat Biologist
Central Region

SUBJECT: North Fork Little Campbell Creek
AKSSF Fish Sampling

On Thursday June 25, 2015, Jeanette Alas (ADF&G) and I set minnow traps in Meadow Creek for the purpose of sampling waters in the Municipality of Anchorage to document the presence of anadromous fish. The data collected will be used to submit official nominations for inclusion in the Anadromous Waters Catalog (AWC) and its companion Atlas. Inclusion in the AWC will afford protection to anadromous fish habitats under Alaska Statute (AS) 16.05.871.

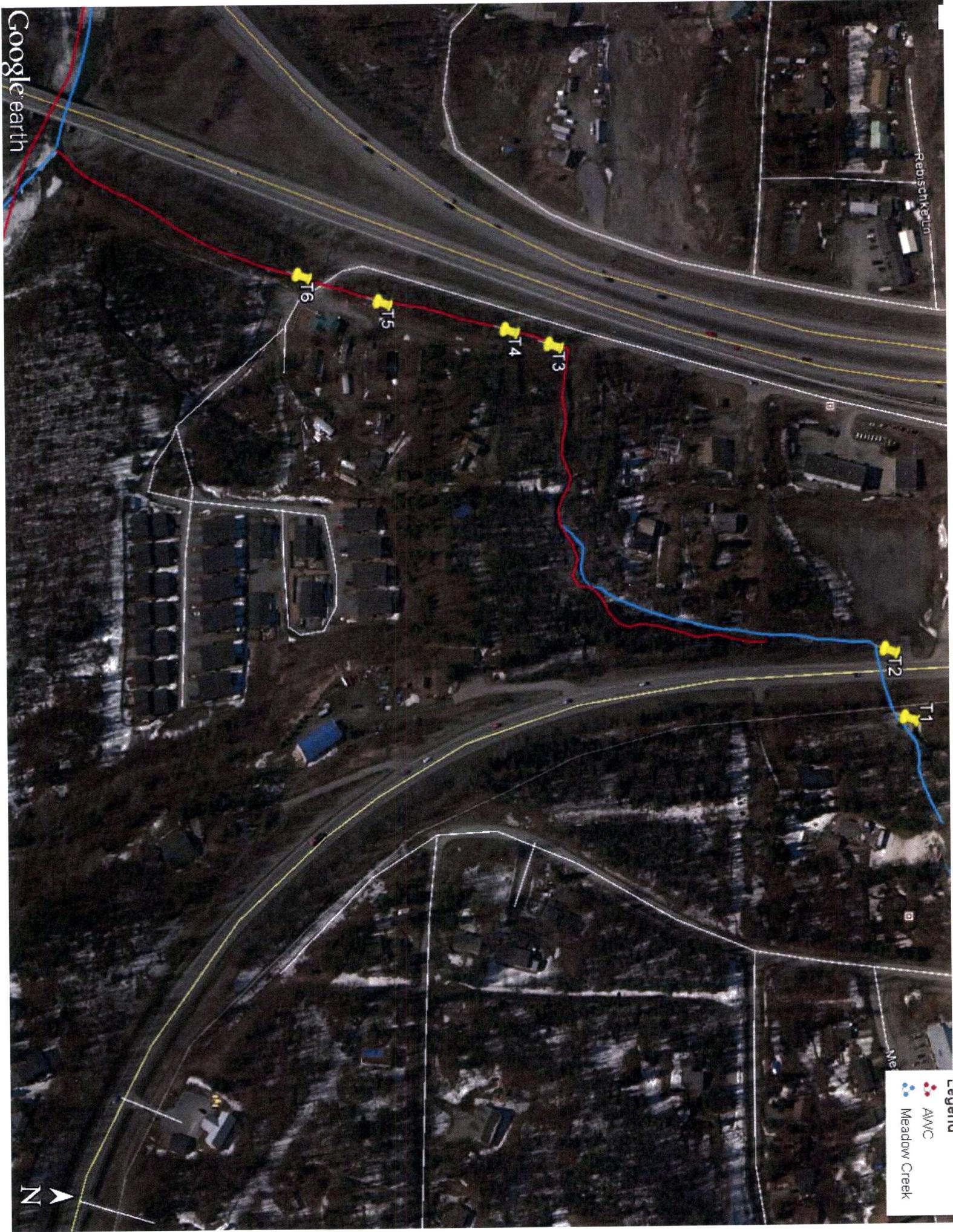
In the spring of 2015 two culverts were replaced on Meadow Creek to increase fish passage. We set minnow traps baited with cured salmon roe upstream and downstream of each of the culverts and traps upstream and downstream of Old Eagle River Road. The minnow traps are labeled T1-T6 on the attached Map. The traps were allowed to fish for 3 hours and the fish captured are described in the Table below.

	T1	T2	T3	T4	T5	T6
Chinook Salmon				3 (64-73)	4 (49-57)	11(48-70)
Coho Salmon			1 (79)	3 (76-85)		
Dolly Varden	2(130-150+)	13(118-150+)				

Table 1: The number of each species caught in each trap followed by the range of fork length measured in mm.

This is the first time rearing coho and Chinook salmon have been observed in Meadow Creek (see Photos 1 & 2). The information collected from this survey will be used to nominate Meadow Creek for coho and Chinook salmon rearing in the AWC.

Cc: A. Ott, ADF&G
M. Thalhauser, ADF&G
S. Ayers, ADF&G
J. Alas, ADF&G



Rehnschke Ln

T1

T2

T3

T4

T5

T6

Legend

- AWC
- Meadow Creek

Google earth





Photo 1 – Mr. Brekken holding a spawned out female chum salmon from Meadow Creek.



Photo 2 – Filleted coho salmon in Meadow Creek.



Photo 3: Pink salmon spawning upstream of culverts replaced in Spring 2015.



Photo 1: Juvenile coho salmon caught upstream of the two new culverts on Meadow Creek (Trap T3).



Photo 2: Juvenile Chinook salmon caught downstream of culverts on Meadow Creek (trap T6).

add coho & Chinook salmon rearing, chum salmon spawning, & extend pink salmon present & spawning in 247-50-10110-2053, replace pink salmon present w/spawning in portion of creek

