



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

Nomination Form
Anadromous Waters Catalog



Region Southcentral USGS Quad(s) Anchorage A-8 NE/NW

AWC Number of Water Body 247-60-10340-2018-3005-4011

Name of Water body unnamed USGS Name Local Name

Addition Deletion Correction Backup Information

For Office Use

Nomination # 151018

Revision Year: 2016

Revision to: Atlas Catalog Both

Revision Code: C-9, B-1, B-2

James J. Harbrouck Fisheries Scientist Date 10/26/2015

Michelle H. Habitat Operations Manager Date 10/26/15

JP AWC Project Biologist Date 10/27/15

Q GIS Analyst Date 11/5/15

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Coho	09/10/2015		X		<input checked="" type="checkbox"/>
Chinook	09/10/2015		X		<input checked="" type="checkbox"/>
					<input type="checkbox"/>
					<input 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

The location of the stream is not accurately mapped in the AWC. I have attached a shapefile of the correct stream path. Add chinook rearing to the AWC as we found multiple chinook along with coho rearing in a pond just upstream of Elmore Road. Please see attached trip report for more details.

*Update hydro form portion of 247-60-10340-2018-3005-4011
Add Chinook salmon REARING present to -3005-4011*

Name of Observer (please print): Jacob Cunha

Signature: Jacob Cunha

Agency: ADF&G Div. of Habitat

Address: 333 Raspberry Road
Anchorage, AK 99518

Date: 9/30/2015

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FISH & GAME

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): _____

SEP 30 2015

Revision 11/13

MEMORANDUM

State of Alaska

Department of Fish and Game
Division of Habitat

TO: Michael Daigneault
Regional Supervisor
Central Region

DATE: September 29, 2015

PHONE NO.: 267-2812

FROM: Jacob Cunha
Habitat Biologist
Central Region

SUBJECT: North Fork Little Campbell Creek
AKSSF Fish Sampling

On the afternoon of Thursday September 10, 2015, Megan Marie (ADF&G) and I electrofished and set minnow traps in a tributary to the North Fork Little Campbell 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.

We began the survey at Bugle Court and electrofished about 0.5 miles upstream to Elmore Road. The location of the stream in the AWC is not accurately mapped so we created a GPS track to correct the stream path in the AWC (see attached Map). Throughout the surveyed area we captured and released coho salmon, Dolly Varden, and slimy sculpin. In a pond upstream of Elmore Road we set two minnow traps baited with cured salmon roe. The traps were soaked for about 20 hours and captured 30 coho salmon with fork lengths between 78-129 mm, 6 Chinook salmon with fork lengths between 89-123 mm, and 6 Dolly Varden with fork lengths between 88-150 mm (see Photo 1).

Between Winchester Street and Freebird Circle, water from a small pipe add, about 50 percent of the flow to the stream (see Photo 2). We could not identify the source of the water. A culvert under Freebird Circle causes a pond in the stream just upstream of the road. It appears that this pond has been there for many years and residents have built a well-established bridge over it (see Photo 3). We were not able to determine if the culvert is a fish passage issue. There are two culverts between 68th Avenue and Elmore Road that appear to be part of an old trail that is no longer in use. These culverts are each about 6-foot long. The downstream culvert is perched causing a potential fish passage barrier (see Photo 4). The upstream culvert is blocked with sediment causing water to flow under it and is also a potential barrier to fish passage (see Photo 5). Both of these culverts appear to be abandoned and should be removed in the future.

On Wednesday September 23, Josh Brekken (ADF&G) and I returned to the creek to survey above the pond near Elmore Street. Schools of juvenile salmon and Dolly Varden were visible in the pond. We electrofished from the pond upstream about 200 yards to a powerline trail. At this point, there was very little surface and we ended the survey. Throughout this stretch of stream we caught Dolly Varden and sculpin.

Cc: A. Ott, ADF&G
M. Thalhauser, ADF&G
S. Ayers, ADF&G
G. O'Doherty, ADF&G
M. Marie, ADF&G
J. Brekken, ADF&G



Photo 1: Chinook salmon caught in a minnow trap upstream of Elmore Rd.



Photo 2: Unknown water source on between Winchester Street and Freebird Circle.



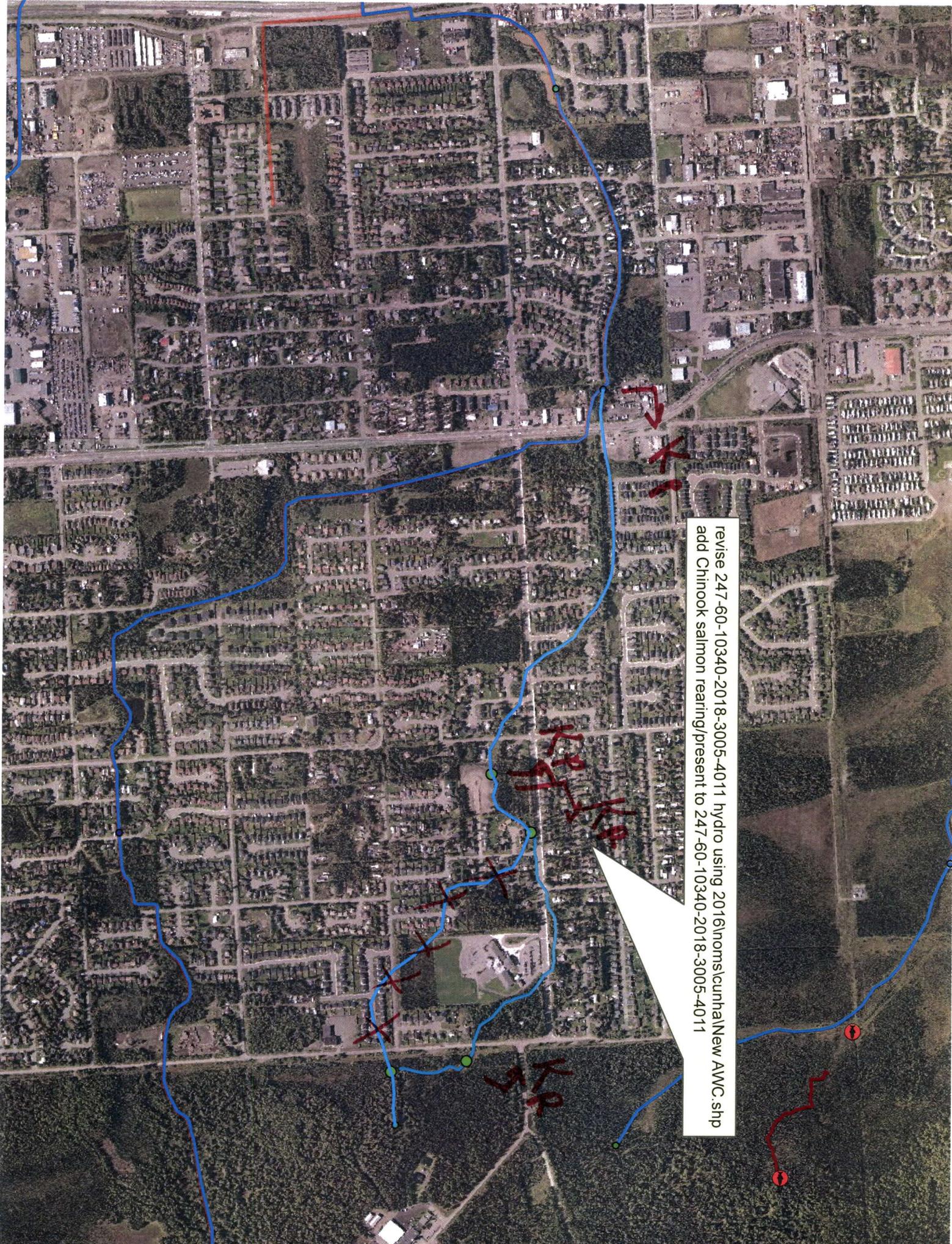
Photo 3: Bridge over pond upstream of Freebird Circle.



Photo 4: Perched culvert with no obvious purpose between E 68th Ave. and Elmore Rd.



Photo 5: Culvert with no obvious purpose between E 68th and Elmore Rd.



revise 247-60-10340-2018-3005-4011 hydro using 2016\homs\cunha\New AWC.shp
add Chinook salmon rearing/present to 247-60-10340-2018-3005-4011