



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

Nomination Form
Anadromous Waters Catalog

4

Region SCN USGS Quad(s) Tyoenek D-2 TAL B-1

AWC Number of Water Body 247-41-10200-2081-3100

Name of Water body USGS Name Local Name

- Addition Deletion Correction Backup Information

For Office Use

Nomination #	<u>15-335</u>	<u>James J. Hasbrouck</u>	<u>8/31/2015</u>
Revision Year:	<u>2016</u>	Fisheries Scientist	Date
Revision to:	Atlas _____ Catalog _____	<u>Michelle J. A.</u>	<u>8/31/15</u>
	Both <u>X</u>	Habitat Operations Manager	Date
Revision Code:	<u>B 2</u>	<u>JF</u>	<u>24 July 15</u>
		AWC Project Biologist	Date
		<u>[Signature]</u>	<u>9/4/15</u>
		GIS Analyst	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Coho salmon <u>(2)</u>	Sept 2015			X	<input checked="" type="checkbox"/>
<u>add coho salmon present to creek</u>					
					<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 Chinook and coho salmon were caught by fish wheel or gillnet operated at river mile 30 and river mile 24-25. Uninjured fish were radio-tagged using ATS F1845B transmitters. Eleven tracking stations were placed throughout the mainstem Susitna and major tributaries throughout the Susitna River drainage and on the Yentna and Talachulitna Rivers. Aerial surveys were also conducted at an elevation of 1000 feet above ground traveling at 90 knots. Two ATS Model 4520 receiver/data loggers with an integrated global positioning system were used to identify radio tags and record locations. To ensure the integrity of the telemetry data, only gps points with a signal strength greater than 90 were used to determine location of the fish.

Name of Observer (please print): Gayle Neufeld
 Signature: [Signature] Date: 7/20/2015
 Agency: ADFG SF
 Address: 333 Raspberry Road
Anchorage, AK 99508

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 11/13
 Name of Area Biologist (please print): _____

FID	Shape	transmitte	decDegLat	decDegLon	species	signalStre	telemetryT	FinalLat	FinalLong
1	Point	15103303	62.45801	-150.387733	coho salmon	90	Aerial	0	0
8621	Point	15119411	62.416667	-150.403493	coho salmon	136	Aerial	0	0
9061	Point	15119411	62.408887	-150.401087	coho salmon	98	Aerial	0	0
9062	Point	15119411	62.409307	-150.400665	coho salmon	98	Aerial	0	0

15-325

**Susitna-Watana Hydroelectric Project
(FERC No. 14241)
Salmon Escapement Study
Study Plan Section 9.7
Updated Study Report**

Prepared for
Alaska Energy Authority



SUSITNA-WATANA HYDRO

Clean, reliable energy for the next 100 years.

Prepared by
LGL Alaska Research Associates, Inc. &
Alaska Department of Fish and Game, Division of Sport Fish

June 2015

