



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

Nomination Form
Anadromous Waters Catalog



Region SCN USGS Quad(s) Talkeetna Mts D-6

AWC Number of Water Body 247-41-10200-2381-3231

Name of Water body USGS Name Local Name

Addition Deletion Correction Backup Information

For Office Use

Nomination #	<u>15-332</u>	<u>James J. Harbouch</u> Fisheries Scientist	<u>8/31/2015</u> Date
Revision Year:	<u>2016</u>	<u>Michelle [Signature]</u> Habitat Operations Manager	<u>8/31/15</u> Date
Revision to:	Atlas _____ Catalog _____ Both <u>X</u>	<u>[Signature]</u> AWC Project Biologist	<u>24 July 15</u> Date
Revision Code:	<u>B-6</u>	<u>[Signature]</u> GIS Analyst	<u>9 9 15</u> Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Chinook salmon (5)	August 2015			X	<input checked="" type="checkbox"/>
<u>extend creek w/ Chinook salmon present</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): _____

**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

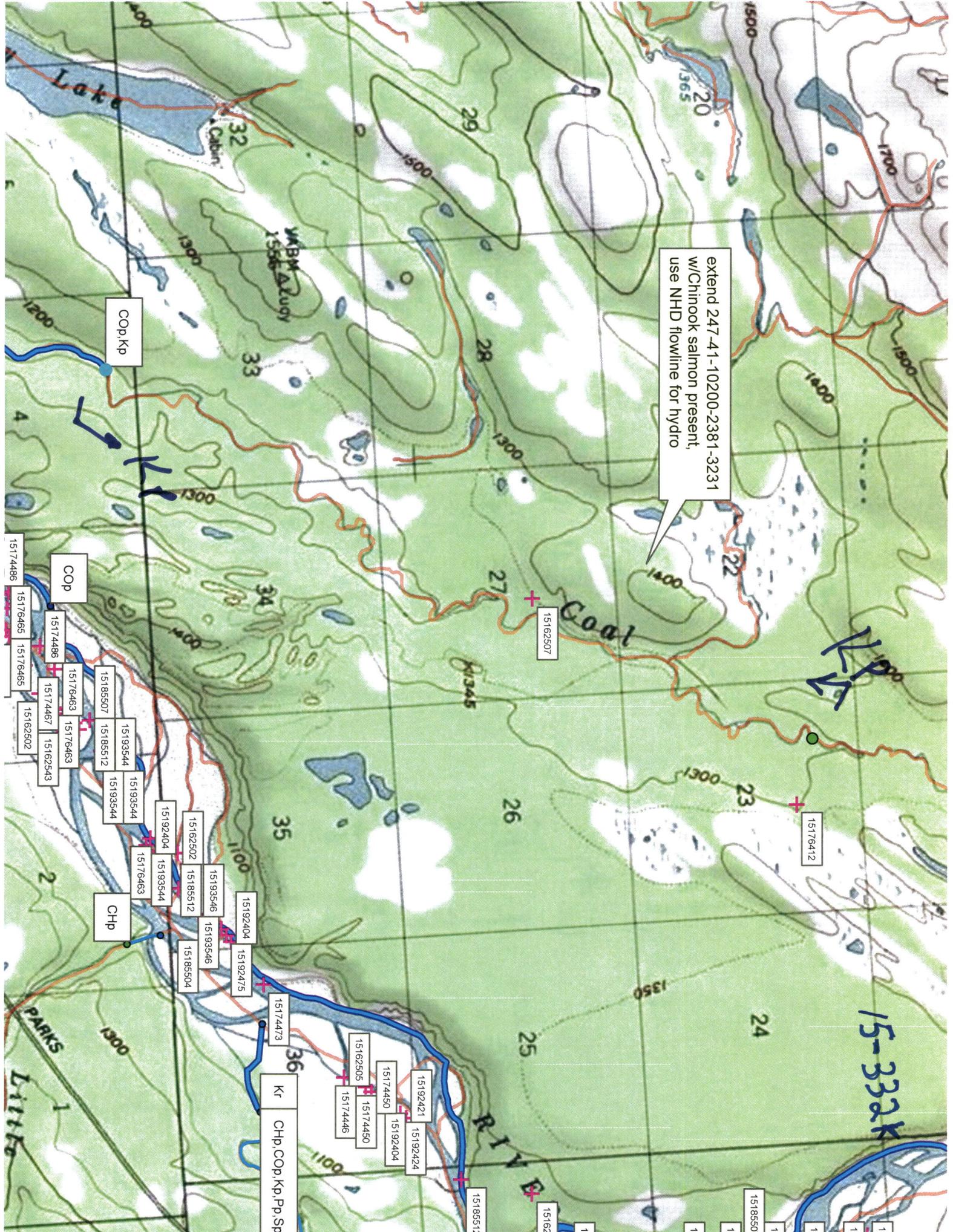
Clean, reliable energy for the next 100 years.

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

June 2015

FID	Shape	transmitte	decDegLat	decDegLon	species	telemetryT	FinalLat	FinalLong	DayOfYear
4953	Point	15162507	62.922952	-149.815995	Chinook salmon	Aerial	0	0	219
5789	Point	15162532	62.953715	-149.75818	Chinook salmon	Aerial	0	0	219
15309	Point	15176412	62.938625	-149.785557	Chinook salmon	Aerial	0	0	219

15-332



extend 247-41-10200-2381-3231
w/Chinook salmon present,
use NHD flowline for hydro

COP, Kp

COP

CHP

Kr
CHP, COP, Kp, Pp, Sp

15-332K

