



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

Nomination Form
Anadromous Waters Catalog



Region SCN USGS Quad(s) Tyonek D-1

AWC Number of Water Body 247-41-10200-2132

Name of Water body USGS Name Local Name

- Addition Deletion Correction Backup Information

For Office Use

Nomination #	<u>15-346</u>	<u>James J. Hasbrouck</u>	<u>8/31/2015</u>
Revision Year:	<u>2016</u>	Fisheries Scientist	Date
Revision to:	Atlas _____ Catalog _____ Both <input checked="" type="checkbox"/>	<u>Mark J. A.</u>	<u>8/31/15</u>
Revision Code:	<u>A-2</u>	Habitat Operations Manager	Date
		<u>[Signature]</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 (8)	August 2015			X	<input checked="" type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
<u>Add new stream w/ coho salmon present</u>					
					<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 SE
 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

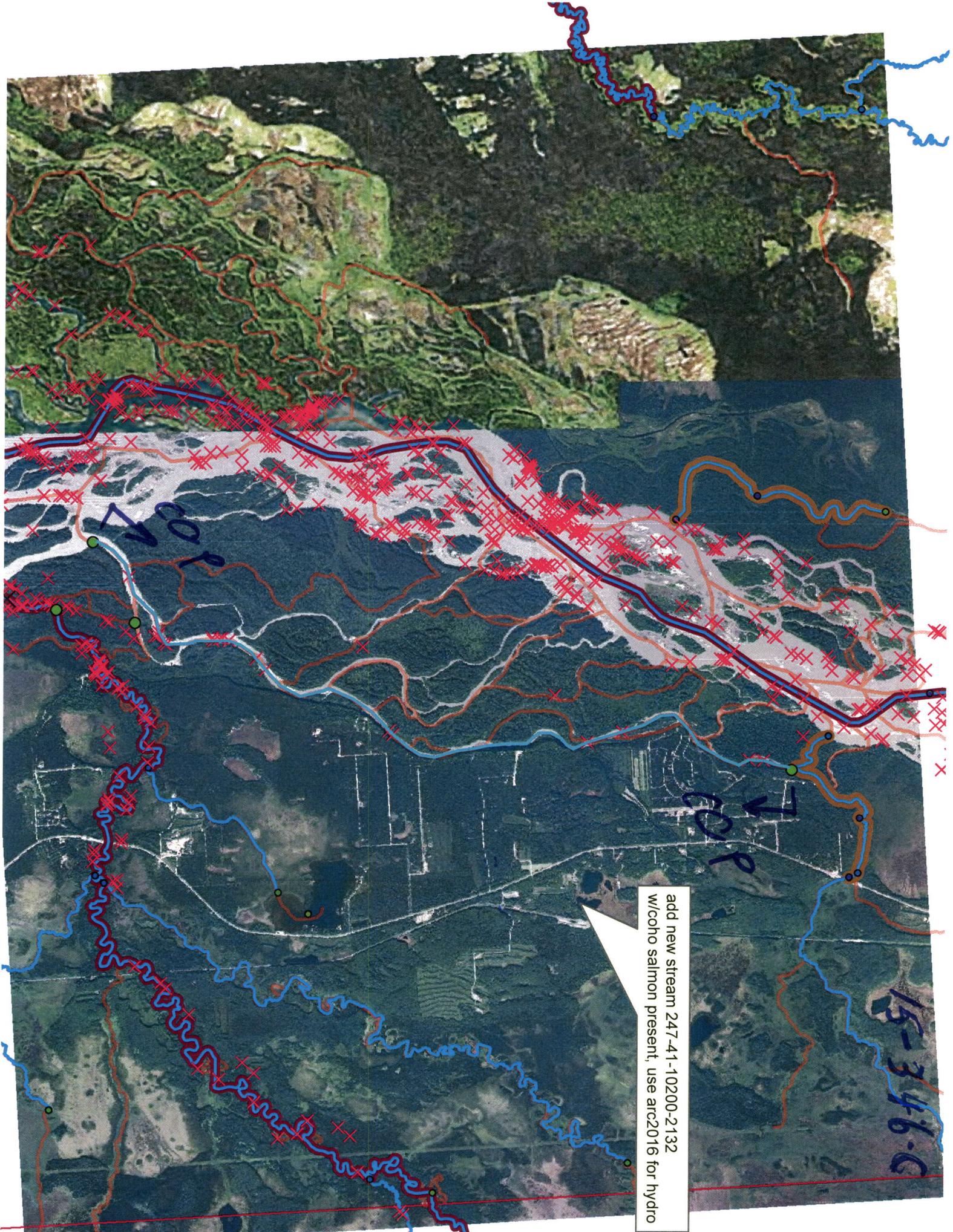
Clean, reliable energy for the next 100 years.

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
1059	Point	15103330	61.817093	-150.14784	coho salmon	Aerial	0	0	234
1851	Point	15103334	61.88713	-150.108622	coho salmon	Aerial	0	0	222
1972	Point	15103334	61.866667	-150.115615	coho salmon	Aerial	0	0	219
4697	Point	15111404	61.870822	-150.177718	coho salmon	Aerial	0	0	212
7495	Point	15111488	61.824228	-150.146204	coho salmon	Aerial	0	0	252
7498	Point	15111488	61.823519	-150.145792	coho salmon	Aerial	0	0	252
7520	Point	15111488	61.824592	-150.146328	coho salmon	Aerial	0	0	268
7647	Point	15111488	61.828375	-150.140778	coho salmon	Aerial	0	0	234
7737	Point	15111488	61.823418	-150.146552	coho salmon	Aerial	0	0	263
7748	Point	15111488	61.825348	-150.145637	coho salmon	Aerial	0	0	258
7911	Point	15111488	61.829395	-150.137832	coho salmon	Aerial	0	0	237
9624	Point	15119434	61.8177	-150.14589	coho salmon	Aerial	0	0	222
9874	Point	15119434	61.81797	-150.1456	coho salmon	Aerial	0	0	222
13223	Point	15135518	61.81718	-150.148742	coho salmon	Aerial	0	0	258
13224	Point	15135518	61.81718	-150.148742	coho salmon	Aerial	0	0	258
13329	Point	15135518	61.885423	-150.108993	coho salmon	Aerial	0	0	234
14351	Point	15135551	61.816667	-150.147832	coho salmon	Aerial	0	0	222
16252	Point	15155307	61.843925	-150.12015	coho salmon	Aerial	0	0	222
16253	Point	15155307	61.843493	-150.121178	coho salmon	Aerial	0	0	222
18289	Point	15155339	61.814047	-150.163025	coho salmon	Aerial	0	0	225

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add new stream 247-41-10200-2132
w/coho salmon present, use arc2016 for hydro