



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

Nomination Form  
Anadromous Waters Catalog



Region SCN USGS Quad(s) Talkeetna A-1

AWC Number of Water Body 247-41-10200-2291

Name of Water body   USGS Name  Local Name

- Addition  Deletion  Correction  Backup Information

For Office Use

Nomination #	<u>15-347</u>	<u>James J. Hasbrouck</u> Fisheries Scientist	<u>8/31/2015</u> Date
Revision Year:	<u>2016</u>	<u>Michelle J. A.</u> Habitat Operations Manager	<u>8/31/15</u> Date
Revision to:	Atlas _____ Catalog _____ Both <u>X</u>	<u>J.P.</u> AWC Project Biologist	<u>29 July 15</u> Date
Revision Code:	<u>B-2</u>	<u>[Signature]</u> GIS Analyst	<u>9/1/15</u> Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Coho salmon (16)	August 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): \_\_\_\_\_

**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**

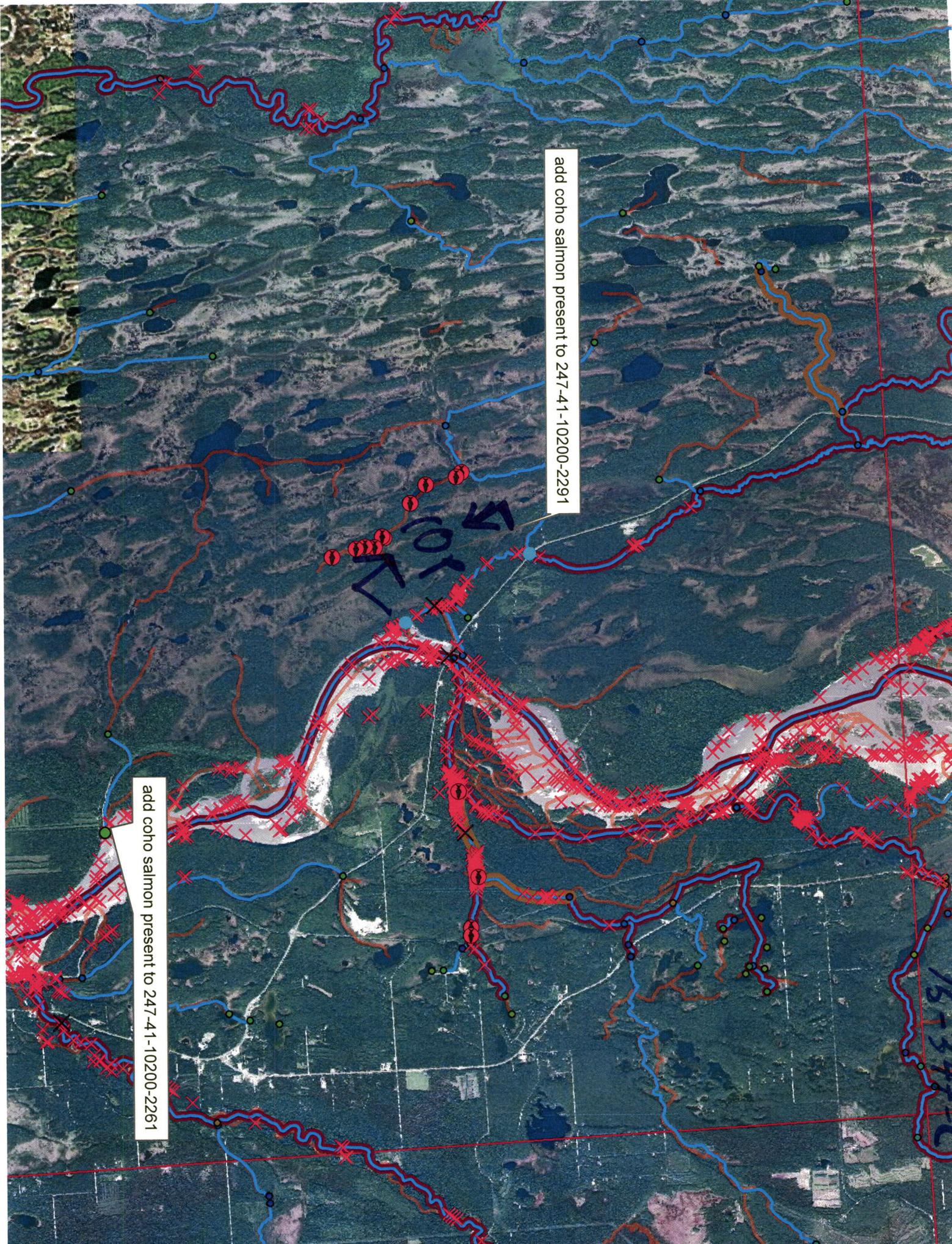
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Prepared by  
LGL Alaska Research Associates, Inc. &  
Alaska Department of Fish and Game, Division of Sport Fish

June 2015

FID	Shape	transmitte	decDegLat	decDegLon	species	telemetryT	FinalLat	FinalLong	DayOfYear
922	Point	15103324	62.177473	-150.195407	coho salmon	Aerial	0	0	222
986	Point	15103324	62.177392	-150.196035	coho salmon	Aerial	0	0	237
987	Point	15103324	62.177685	-150.196627	coho salmon	Aerial	0	0	237
1063	Point	15103324	62.177595	-150.195662	coho salmon	Aerial	0	0	234
1168	Point	15103324	62.174391	-150.192805	coho salmon	Aerial	0	0	231
1337	Point	<u>15103324</u>	62.177402	-150.19535	coho salmon	Aerial	0	0	225
4640	Point	15111418	62.178055	-150.19757	coho salmon	Aerial	0	0	252
4643	Point	15111418	62.178591	-150.199163	coho salmon	Aerial	0	0	252
4655	Point	15111418	62.167956	-150.187573	coho salmon	Aerial	0	0	246
4659	Point	15111418	62.179668	-150.201918	coho salmon	Aerial	0	0	243
4661	Point	15111418	62.179485	-150.20187	coho salmon	Aerial	0	0	274
4665	Point	15111418	62.174473	-150.19342	coho salmon	Aerial	0	0	264
4668	Point	15111418	62.175873	-150.19371	coho salmon	Aerial	0	0	261
4798	Point	15111418	62.179192	-150.200838	coho salmon	Aerial	0	0	243
6922	Point	15114418	62.170775	-150.190582	coho salmon	Aerial	0	0	231
6771	Point	<u>1511441</u>	62.175062	-150.1937	coho salmon	Aerial	0	0	228
8031	Point	<u>15114474</u>	62.170775	-150.190582	coho salmon	Aerial	62.4912	0	231
7601	Point	15111484	62.183103	-150.207902	coho salmon	Aerial	0	0	240
7609	Point	15111484	62.18285	-150.207515	coho salmon	Aerial	0	0	240
10368	Point	<u>15119456</u>	62.168562	-150.188218	coho salmon	Aerial	62.1739	-150.194	225
10511	Point	15119456	62.168453	-150.188115	coho salmon	Aerial	62.1739	-150.194	225
12348	Point	15119488	62.171028	-150.191167	coho salmon	Aerial	0	0	225
12353	Point	15119488	62.170735	-150.190869	coho salmon	Aerial	0	0	237
12574	Point	15119488	62.177858	-150.197079	coho salmon	Aerial	0	0	237
13378	Point	<u>15135528</u>	62.173397	-150.193123	coho salmon	Aerial	0	0	234
13382	Point	15135528	62.173397	-150.193123	coho salmon	Aerial	0	0	228
13385	Point	15135528	62.174103	-150.19356	coho salmon	Aerial	0	0	228
15113	Point	<u>15135579</u>	62.177803	-150.196288	coho salmon	Aerial	0	0	249
15149	Point	15135579	62.178262	-150.198275	coho salmon	Aerial	0	0	240
15153	Point	15135579	62.178427	-150.19885	coho salmon	Aerial	0	0	240
15157	Point	15135579	62.177917	-150.197127	coho salmon	Aerial	0	0	240
15252	Point	15135579	62.187926	-150.210386	coho salmon	Aerial	0	0	240
15347	Point	<u>15135579</u>	62.177837	-150.19659	coho salmon	Aerial	0	0	246
16203	Point	15135587	62.168113	-150.18745	coho salmon	Aerial	0	0	237
16114	Point	<u>15135592</u>	62.17542	-150.193437	coho salmon	Aerial	0	0	234
17075	Point	15155331	62.17799	-150.196935	coho salmon	Aerial	0	0	240
17127	Point	15155331	62.178208	-150.198023	coho salmon	Aerial	0	0	234
17319	Point	15155331	62.173243	-150.192743	coho salmon	Aerial	0	0	237
17336	Point	<u>15155331</u>	62.176588	-150.193702	coho salmon	Aerial	0	0	231
18111	Point	<u>15155337</u>	62.178163	-150.198453	coho salmon	Aerial	62.4941	-150.25	225
18020	Point	15155350	62.188557	-150.210897	coho salmon	Aerial	0	0	228
18068	Point	15155350	62.17799	-150.196935	coho salmon	Aerial	0	0	240
18270	Point	<u>15155350</u>	62.178208	-150.198023	coho salmon	Aerial	0	0	234
18936	Point	15155355	62.178208	-150.198023	coho salmon	Aerial	0	0	237
18970	Point	15155355	62.191718	-150.209042	coho salmon	Aerial	0	0	237
19263	Point	15155355	62.17663	-150.193812	coho salmon	Aerial	0	0	261
19265	Point	<u>15155355</u>	62.176865	-150.194105	coho salmon	Aerial	0	0	234

15-347



add coho salmon present to 247-41-10200-2291

add coho salmon present to 247-41-10200-2261

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