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

Nomination Form
Anadromous Waters Catalog

X

Region: SCN

USGS Quad(s): ~~Tyonek C-2~~ TAL B-2

AWC Number of Water Body: 247-41-10200-~~2053-3020~~ 2081

Name of Water body: ☐ USGS Name ☐ Local Name

☑ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination # 15-325	James J Hasbrouck	Fisheries Scientist	8/31/2015 Date
Revision Year: 2016	[signature]	Habitat Operations Manager	8/31/15 Date
Revision to: Atlas ____ Catalog ____ Both X	[signature]	AWC Project Biologist	24 July 15 Date
Revision Code: B-2, B-6	[signature]	GIS Analyst	9215 Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Chinook salmon (5)	August 2015			X	☑
(4) Coho salmon	Sept 2015			X	☐
					☐
ADD Chinook & coho salmon			present to creek		☐
					☐

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: Gayle Neufeld Date: 7/20/2015

Agency: ADFG SP

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: _____

Name of Area Biologist (please print):

Revision 11/13

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

15-325

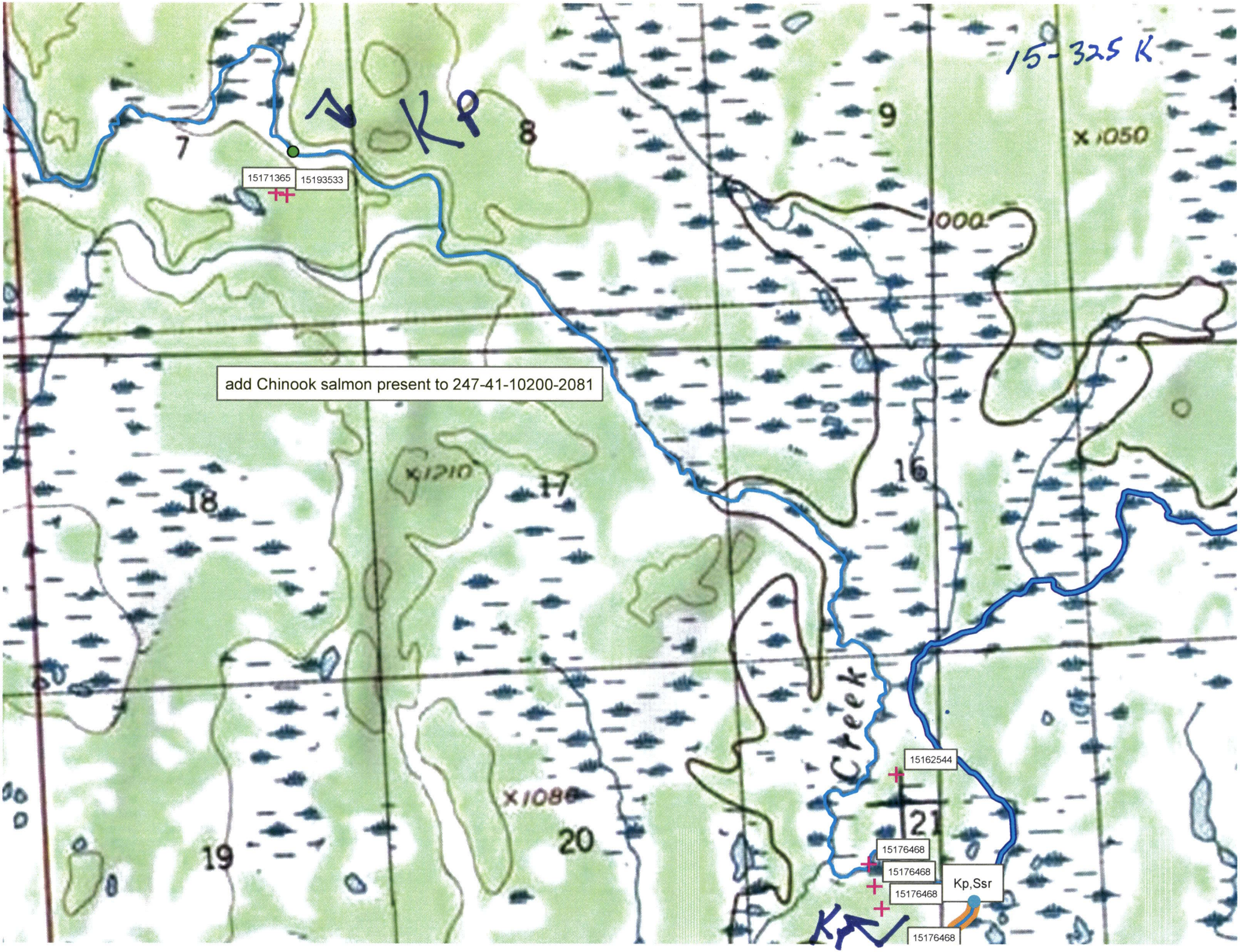
Chinook2014_fixed, 7/21/2015, Page 1

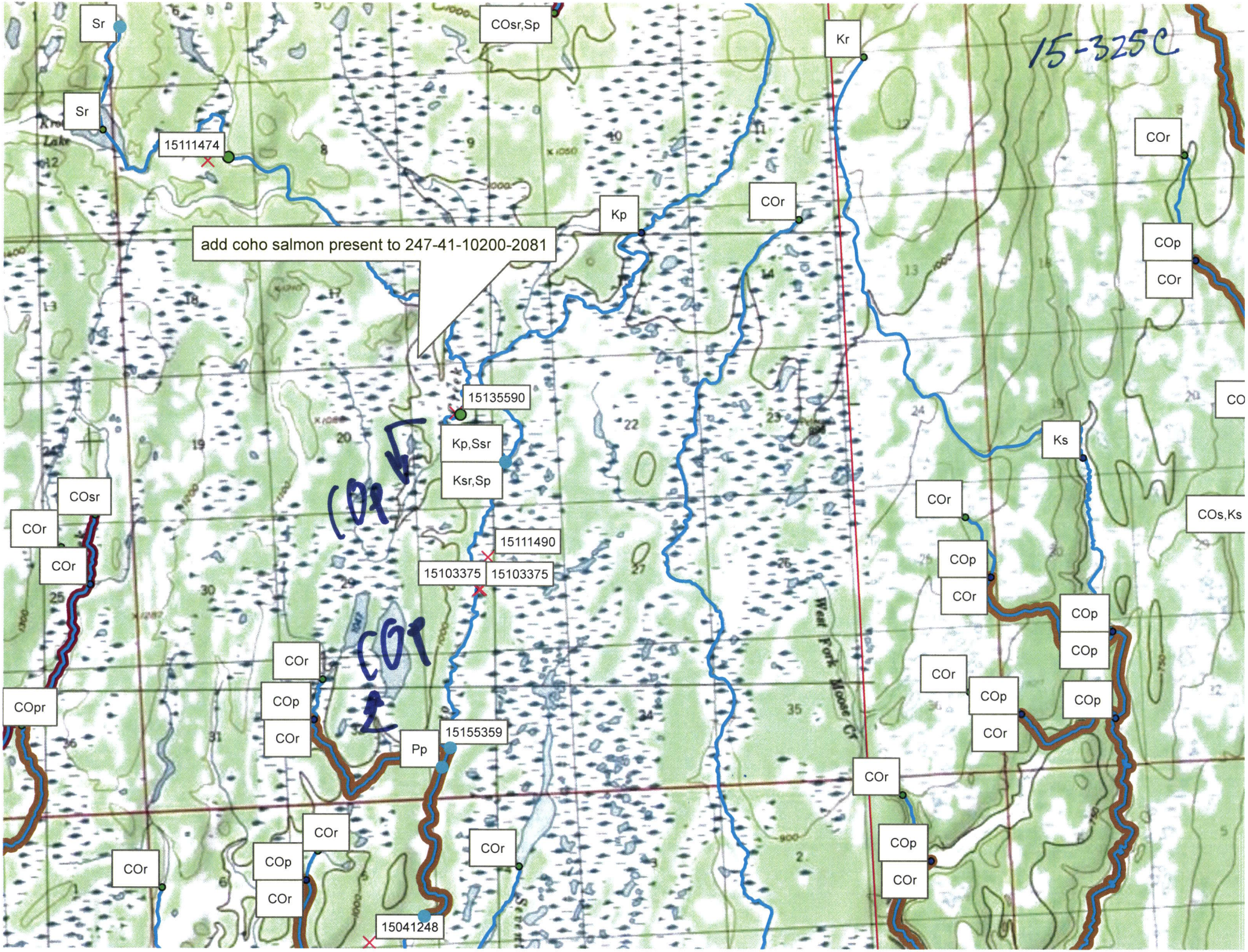
FID	Shape	transmitte	decDegLat	decDegLon	species	telemetryT	FinalLat	FinalLong	DayOfYear
6647	Point	15162544	62.417842	-150.583333	Chinook salmon	Aerial	0	0	190
7728	Point	15171300	62.385595	-150.596993	Chinook salmon	Aerial	0	0	190
7819	Point	15171300	62.394465	-150.582228	Chinook salmon	Aerial	0	0	219
10796	Point	15171365	62.442585	-150.635077	Chinook salmon	Aerial	0	0	246
17052	Point	15176468	62.398683	-150.58043	Chinook salmon	Aerial	0	0	219
17271	Point	15176468	62.410522	-150.58175	Chinook salmon	Aerial	0	0	246
17368	Point	15176468	62.412435	-150.58523	Chinook salmon	Aerial	0	0	266
17369	Point	15176468	62.413347	-150.585752	Chinook salmon	Aerial	0	0	266
17370	Point	15176468	62.410628	-150.58388	Chinook salmon	Aerial	0	0	266
17374	Point	15176468	62.414265	-150.586168	Chinook salmon	Aerial	0	0	266
25533	Point	15193533	62.442487	-150.634133	Chinook salmon	Aerial	0	0	219

15-325

Coho_2014_fixed, 7/21/2015, Page 1

FID	Shape	transmitte	decDegLat	decDegLon	species	telemetryT	FinalLat	FinalLong	DayOfYear
3797	Point	15103375	62.4	-150.583783	coho salmon	Aerial	0	0	266
3798	Point	15103375	62.399953	-150.584185	coho salmon	Aerial	0	0	266
7669	Point	15111474	62.444013	-150.637892	coho salmon	Aerial	62.4912	-150.255	266
7672	Point	15111490	62.40315	-150.58184	coho salmon	Aerial	0	0	266
16122	Point	15135590	62.417712	-150.587187	coho salmon	Aerial	0	0	266
18919	Point	15155359	62.384485	-150.595698	coho salmon	Aerial	0	0	266


15-325 K
Kp
7
8
9
x1050
1000
15171365
15193533
add Chinook salmon present to 247-41-10200-2081
x1210
17
16
18
19
20
x1080
Creek
15162544
21
15176468
15176468
15176468
Kp,Ssr
15176468


15-325C
Sr
Sr
15111474
COsr,Sp
Kr
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COr
add coho salmon present to 247-41-10200-2081
COp
COr
15135590
Kp,Ssr
Ksr,Sp
Ks
COsr
COr
COr
COr
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15103375
15103375
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West Fork Moose Cr
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15041248