



State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Anadromous Waters Catalog

4

Region USGS Quad(s)
 Anadromous Waters Catalog Number of Waterway
 Name of Waterway USGS Name Local Name
 Addition Deletion Correction Backup Information

For Office Use

Nomination #	<u>12-523</u>	<u>[Signature]</u>	<u>11/2/12</u>
		Fisheries Scientist	Date
Revision Year:	<u>2013</u>	<u>[Signature]</u>	<u>11/2/12</u>
		Habitat Operations Manager	Date
Revision to:	Atlas _____	<u>[Signature]</u>	<u>10/25/12</u>
	Both <u>Y</u>	AWG Project Biologist	Date
Revision Code:	<u>A-1, BC-9</u>	<u>[Signature]</u>	<u>11/13/12</u>
		Cartographer	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon	06/02/2012		✓	✓	✓

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:

Coordinates (Lat,Long): Upper(57.061623,-135.322922) Lower(57.054377,-135.315172)

Extend stream w/ coho salmon rearing & re-use hydrography

Name of Observer (please print): Matthew Kern
 Signature: 146.63.61.200 (Web Nomination) Date: 09/05/2012
 Agency: _____
 Address: 1416 3rd St 1416 3rd St
Douglas, AK 99824

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 02/08
 Name of Area Biologist (please print): _____

25	57.059682	-135.320915	Two Coho and one Dolly Varden. H2O is losing flow, much more stagnant.	Electrofisher	2 Coho and 1 Dolly Varden
26	57.059839	-135.321378	Tributary river right, not worth fishing runs about 12'. One Coho in main stem.	Electrofisher	1 Coho
27	57.060087	-135.321711	One Coho	Electrofisher	1 Coho
28	57.060193	-135.321756	Two Coho	Electrofisher	2 Coho
29	57.060728	-135.322534	One Coho	Electrofisher	1 Coho
30	57.061173	-135.322831	Two Coho in pool with deep under cut banks and lots of security.	Electrofisher	2 Coho
31	57.061404	-135.323024	Possible end. H2O goes subsurface. It reappears 35'. See photos (2).		
32	57.061506	-135.322949	H2O reappears.		
33	57.061581	-135.322922	Pocket dial.		
34	57.061623	-135.322922	One Coho	Electrofisher	1 Coho
35	57.061713	-135.32288	Beginning of gradient change, creek running up the base of a hill.		
36	57.061899	-135.322779	Tributary river left runs up for 12+' right @ confluence. Shocking above.	Electrofisher	Nothing
37	57.062013	-135.322644	End of tributary @ gradient and lack of flow barrier.		
38	57.063791	-135.323534	Two fat Dolly Varden in pool, have not seen Coho in a while however have not seen a definitive barrier.		
39	57.064045	-135.323615	Ending survey here, creek crosses maintained trail, gradient change us of trail.		
40	57.055653	-135.311938	Inlet of culvert that crosses road. Water is spread out behind culvert, no flow culvert is not bedded well. See photos (3).		
41	57.055557	-135.311848	Pocket dial.		
42	57.055558	-135.311848	Pocket dial.		
43	57.055557	-135.311848	Outlet of culvet there is a large log laying in cut in log for fish pass. See photo (1). Rick and Gordon moved log.		
44	57.055409	-135.312049	Creek has no defined channel here runs into forest through lots of debris dams. See photos (1). Confluence with Indian River. See photo (1).		
45	57.054563	-135.312636	Confluence with Indian River. See photo (1).		

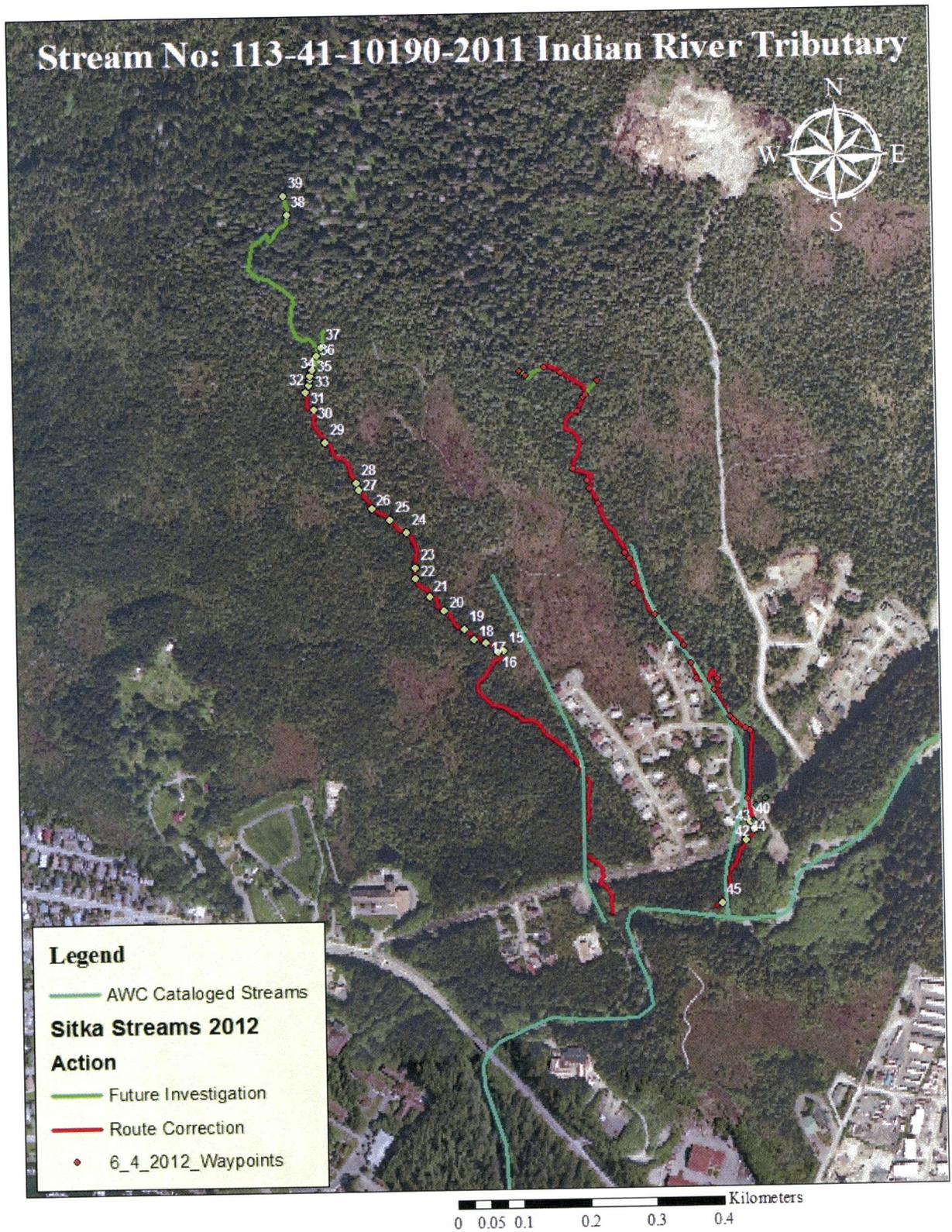


Figure 1. Map of Indian River Tributary area.

Stream No: 113-41-10190-2011 Indian River Tributary

Stream: 113-41-10190-2011

Watershed: Billy Basin

USGS Quadrangle: Sitka-A-4

MTRS: Section 36, Township 55 S, Range 63 E

Date Surveyed: June 2, 2012

Findings: This stream provides good rearing habitat for juvenile coho salmon. We captured coho nearly all the way to the top of this stream.

Recommendations: We recommend updating the stream route and extending the top of the anadromous portion to the point of our last coho.

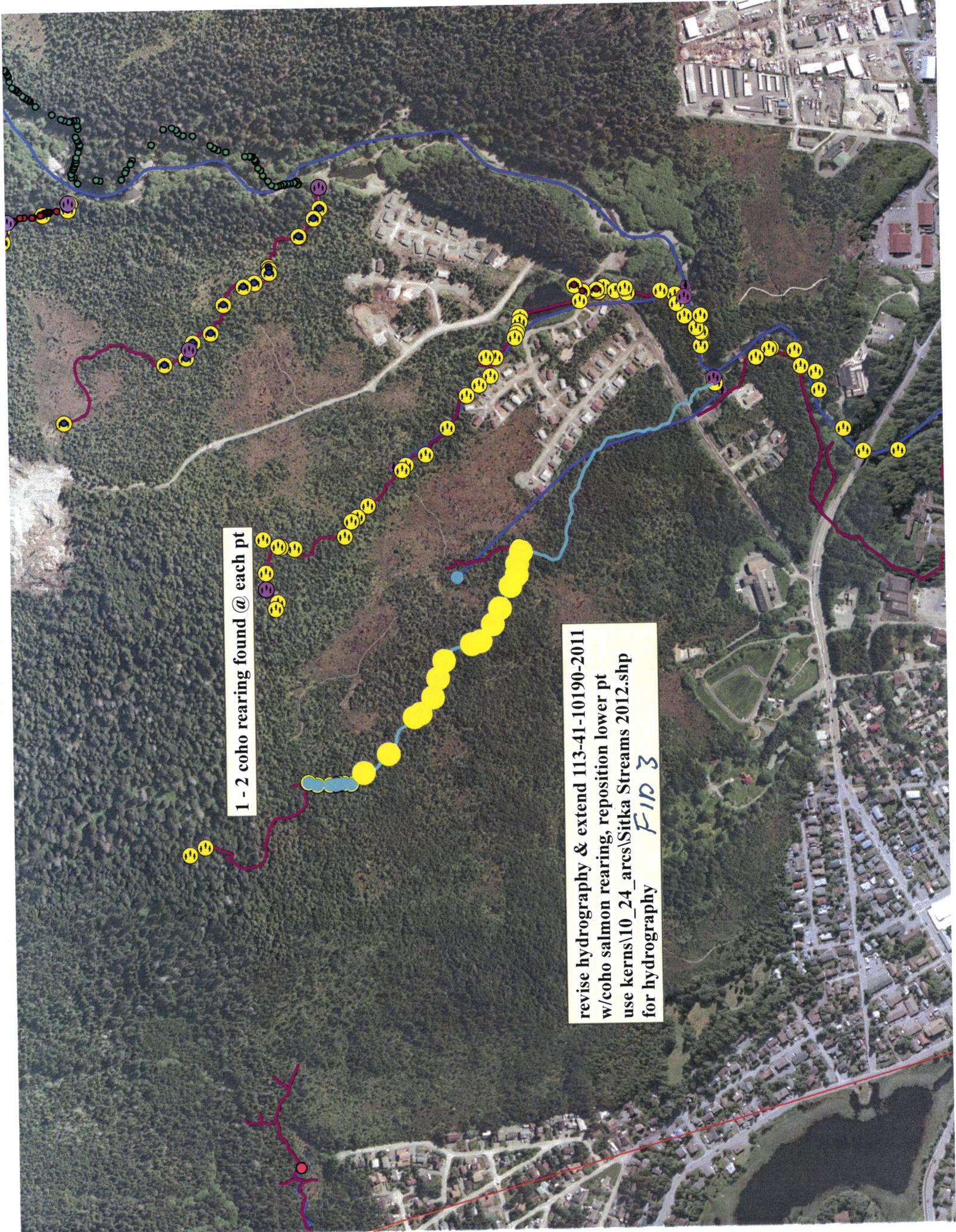
Nomination form submitted: Yes

Nomination Status:

Notes:

Table 1. Survey notes from June 2, 2012.

Waypoints	lat	lon	Notes	Sample Effort	Sample Results
15	57.057929	-135.31808	Fork in tributary we went river left yesterday, today going river right.		
16	57.057924	-135.31823	Coho about 65mm.	Handnet	1 Coho
17	57.058033	-135.318517	Two Coho and Rick only gets one.	Electrofisher	2 Coho
18	57.058086	-135.318804	One Coho about 65mm by Rick.	Electrofisher	1 Coho
19	57.058226	-135.319049	Two Coho by Rick and one Dolly Varden by Gordon.	Electrofisher	2 Coho and 1 Dolly Varden
20	57.058477	-135.319557	One Coho by Gordon and one Dolly Varden by Rick.	Electrofisher	1 Coho and 1 Dolly Varden
21	57.058649	-135.319922	Two Coho with one caught by Gordon and other by Rick.	Electrofisher	2 Coho
22	57.058901	-135.320273	One Coho by Gordon	Electrofisher	1 Coho
23	57.05904	-135.320282	Two Coho	Electrofisher	2 Coho
24	57.059515	-135.320497	Tributary river left, large pond with lots of skunk cabbage, dies quickly no need to track. Got two Coho in main stem @ confluence.	Electrofisher	2 Coho



1 - 2 coho rearing found @ each pt

revise hydrography & extend 113-41-10190-2011
w/coho salmon rearing, reposition lower pt
use kerns\10_24_arcs\Sitka Streams 2012.shp
for hydrography *FIP 3*