State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Anadromous Waters Catalog

Region: Southeastern

USGS Quad(s): Sitka-A-4

Anadromous Waters Catalog Number of Waterway: 113-41-10190-2013

Name of Waterway: ☐ USGS Name ☐ Local Name

☐ Addition ☐ Deletion ☑ Correction ☐ Backup Information

For Office Use

Nomination #	12-524	[signature] Fisheries Scientist	11/2/12 Date
Revision Year:	2013	[signature] Habitat Operations Manager	11/2/12 Date
Revision to:	Atlas ___ ___ Both x	[signature] AWC Project Biologist	10/25/12 Date
Revision Code:	C-9, A-1	[signature] Cartographer	11/13/12 Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon	06/04/2012		✓	✓	✓

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(57.061768,-135.317154) Lower(57.054441,-135.312768)

Extend coho salmon rearing & revise 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):

Indian River Tributary: Stream 113-41-10190-2013

Stream: 113-41-10190-2013
Watershed: Billy Basin
USGS Quadrangle: Sitka-A-4
MTRS: Section: 36 Township: 55 S Range: 63 E
Date Surveyed: June 4, 2012
Findings: This stream provides excellent coho salmon rearing habitat, and we were able to find coho nearly all the way to the stream's source.
Recommendations: We recommend updating the stream course and extending the anadromous portion of this stream to the point of our last two coho captured.
Nomination form submitted: yes
Nomination Status:
Notes:

Table 1. Survey notes from stream survey on June 4, 2012.

Waypoints	lat	lon	Notes	Sample Effort	Sample Results
53	57.055962	-135.31203	Gordon and Rick captured a Coho on the margins of Kaelke pond.		
54	57.056895	-135.311965	Outlet of stream into pond. So far just Dolly Varden in the mouth. Captured a Coho at the mouth, finally!	Electrofisher	1 Coho and couple of Dolly Varden
55	57.056925	-135.312096	Rick and Gordon caught two Coho in log weir pool above pond.	Electrofisher	2 Coho
56	57.056997	-135.312317	Gordon handnetted two Coho, similar habitat.	Handnet	2 Coho
57	57.057023	-135.312384	Captured another Coho	Electrofisher	1 Coho
58	57.057066	-135.312486	Gordon netted a Coho in large still pool with gravel substrate.	Electrofisher	1 Coho
59	57.057433	-135.312863	Gordon captured two Coho and one Dolly Varden	Electrofisher	2 Coho and 1 Dolly Varden
60	57.057568	-135.31278	Coho captured two Coho above woody, twisty section in shallow riffle.	Electrofisher	2 Coho
61	57.057585	-135.313309	Coho captured two Coho in large still pool amongst mossy logs.	Electrofisher	2 Coho
62	57.05779	-135.313456	Coho captured by Gordon.	Electrofisher	1 Coho
63	57.058019	-135.313636	Coho captured in calm pool.	Electrofisher	1 Coho
64	57.058443	-135.314346	Coho captured two in slow run.	Electrofisher	2 Coho
65	57.058872	-135.314877	Two Coho captured in shallow pool.	Electrofisher	2 Coho

66	57.059204	-135.314995	Pool below small foot bridge, saw small fry schooling Coho.	Visual ID	Coho
67	57.059281	-135.315098	Coho captured just below foot bridge.	Electrofisher	1 Coho
68	57.059931	-135.31577	Two Coho captured in still pool	Electrofisher	2 Coho
69	57.060136	-135.315985	Coho captured above subsurface flow section in shallow riffle.	Electrofisher	1 Coho
70	57.060242	-135.316051	Two Coho captured by Rick and Gordon in large corner pool.	Electrofisher	2 Coho
71	57.060402	-135.316399	Pocket dial		
72	57.061181	-135.316312	E-battery died went back retrieved and started again. Two Coho and one Dolly Varden.	Electrofisher	2 Coho and 1 Dolly Varden
73	57.061371	-135.316163	Tributary river left. See photos (1). Might be washed out. Fishing up.		
74	57.06141	-135.316122	One Dolly Varden and one Coho in above mentioned triburary on river left.		
75	57.0616	-135.315818	Flow from tributary ends here.. There is a defined channel, but no H2O. Also no barrier to spot fish. Worth further investigation @ higher H2O.		
76	57.061703	-135.316725	One Coho about 65mm in small pool flow has diminished a bit. Also got one Dolly Varden about 50mm.	Electrofisher	1 Coho about 65mm and 1 Dolly Varden about 50mm
77	57.061768	-135.317154	One Coho see photo.	Electrofisher	1 Coho
78	57.061655	-135.317601	Gradient change. Creek becomes series of deep semi-stagnant pools. Caught one Dolly Varden in deep pool about 100mm.	Electrofisher	1 Dolly Varden about 100mm
79	57.061717	-135.317757	Pools end here goes subsurface around base of small hill. See photos (2). End survey.		

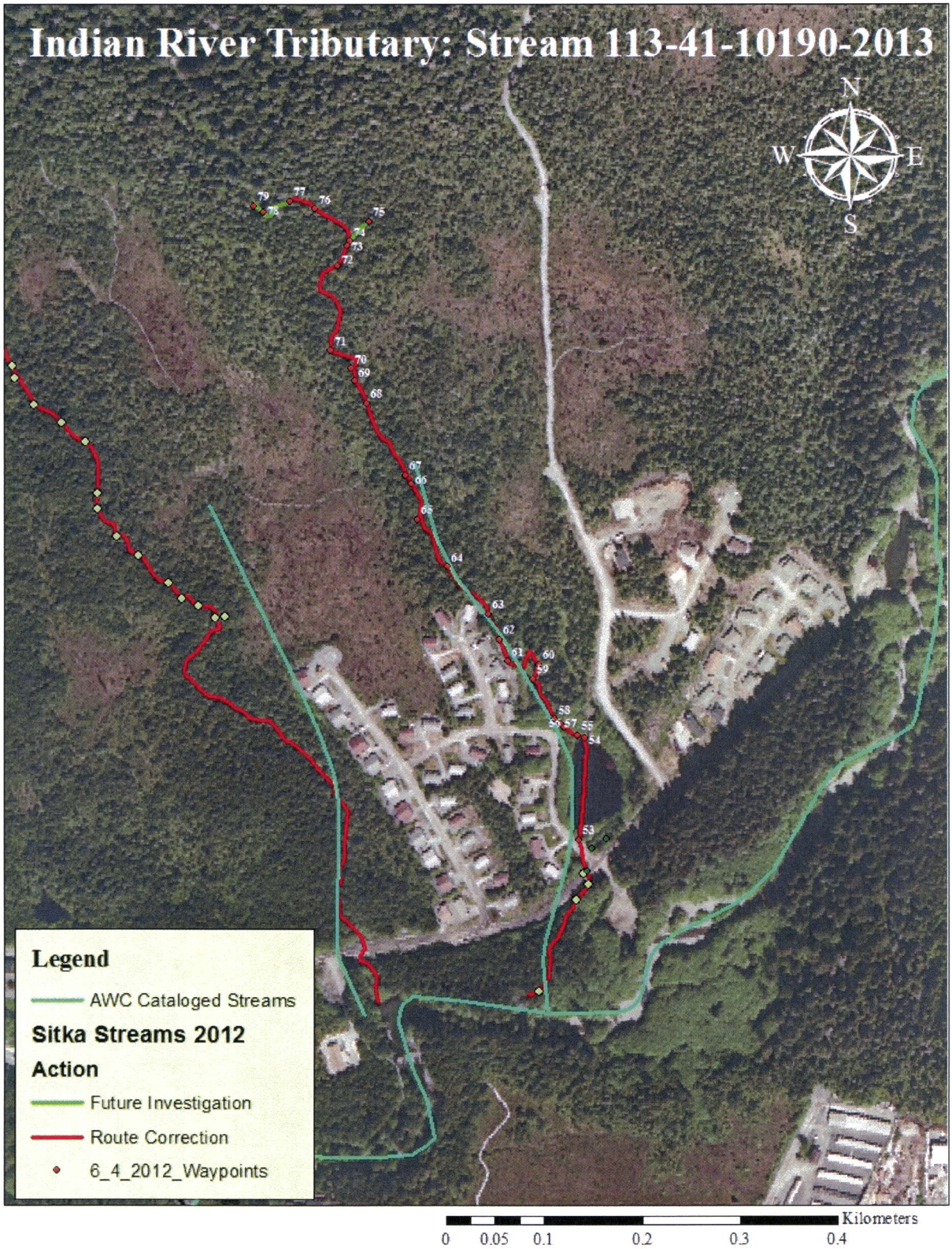
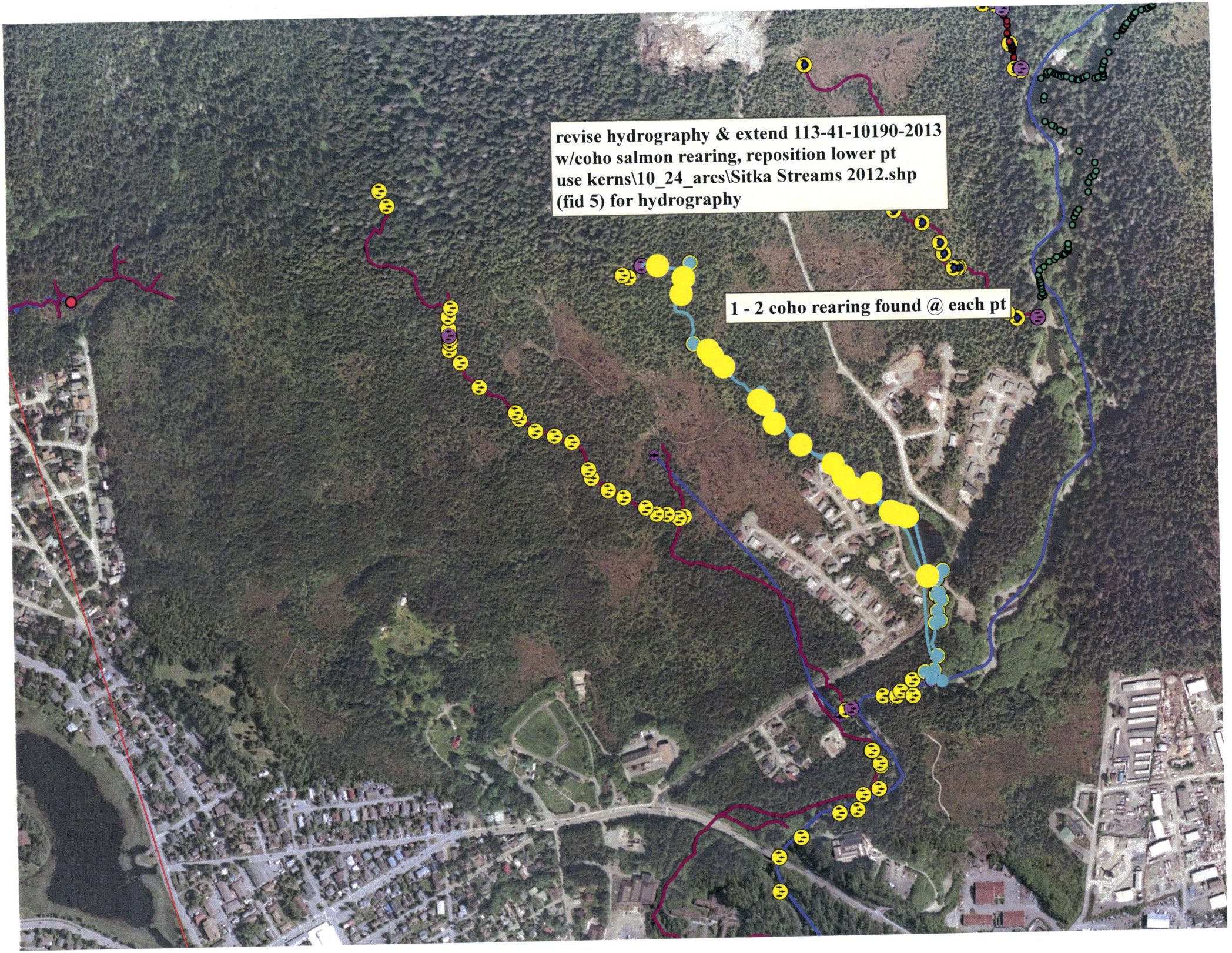


Figure 1. Map of Indian River Tributary, Stream No 113-41-10190-2013, with survey waypoints and stream track.


revise hydrography & extend 113-41-10190-2013
w/coho salmon rearing, reposition lower pt
use kerns\10_24_arcs\Sitka Streams 2012.shp
(fid 5) for hydrography
1 - 2 coho rearing found @ each pt