



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

Nomination Form
Anadromous Waters Catalog



Region: Southeast USGS Quad(s): Craig A-3

AWC Number of Water Body: 103-21-10568

Name of Water body: Unnamed Creek near Coffee Chuck USGS Name Local Name

Addition Deletion Correction Backup Information

For Office Use

Nomination # 150059

Revision Year: 2016

Revision to: Atlas _____ Catalog _____
Both

Revision Code: A-2

James J. Herbrink 5/8/2015
Fisheries Scientist Date

Michelle [Signature] 5/8/15
Habitat Operations Manager Date

[Signature] 29 April 15
AWC Project Biologist Date

[Signature] 5/23/15
GIS Analyst Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Coho salmon	August 19, 2014	X	X	X	<input checked="" type="checkbox"/>
Pink salmon	August 19, 2014	X		X	<input checked="" type="checkbox"/>
Chum salmon	August 19, 2014	X		X	<input checked="" type="checkbox"/>
Dolly Varden	August 19, 2014			X	<input type="checkbox"/>
Rainbow and Cutthroat trout	August 19, 2014			X	<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

See supplemental information attached. This package was prepared by Cathy Needham and Melanie Kadake. For questions or more information contact Ms. Kadake at 907-285-2666 or mjkadake13@gmail.com or Ms. Needham at 907-723-4436 or cathy@kaienvironmental.com

add new stream w/ Coho Salmon REARING

ALASKA DEPT. OF FISH & GAME

DEC 11 2014

Name of Observer (please print): Tony Sanderson

Signature: [Signature] Date: 12-8-14

Agency: Hydaburg Cooperative Association

Address: P.O. Box 349
Hydaburg, AK 99922

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): _____

Supplemental information for Unnamed stream near Coffee chuck

Three baited minnow traps were soaked for 1-5 hours in unnamed stream near Coffee Chuck on August 19th, 2014. This Stream is not listed in the Anadromous Waters Catalog. This current nomination is to include the presence, rearing, and spawning of coho salmon, the spawning and presence of pink and chum salmon. It is also noted Dolly Varden, Rainbow and Cutthroat trout were present in traps set in the stream. An ADFG fish trapping permit datasheet is attached to this nomination packet for further details on fish trapping efforts. Adult foot counts were performed on August 19th, 2014 and adult pink salmon, chum salmon and Coho salmon were observed in reaches 2 and 3 (see map for reach locations; adult foot count data sheets are attached).

Stream mapping and survey data was collected by the Hydaburg Cooperative Association Stream Survey crew for this stream on August 19th, 2014. Data was taken on four reaches (reach numbers in the tables correspond to a master dataset; see attached figure for locations). The stream survey data are in the following table:

	Reach 1	Reach 2	Reach 3	Reach 4
Average stream gradient	3	3	3	2.1
Average bankfull width	10	5.6	5.6	7.5
Average channel bed width	7.3	6	5.4	5.1
Average incision depth	0.55	0.7	0.65	0.3
Bank composition	Mixed	Mixed	Alluvium	Alluvium
Dominant substrate	Large cobble	Large cobble	Small cobble	Small cobble
Sub-dominant substrate	Small cobble and very coarse gravel	Small cobble and very coarse gravel	Very coarse gravel and coarse gravel	Very coarse gravel and large cobble
Large wood count	19	60	35	34
Key wood count	14	29	20	13
Macro-pool count	23	42	36	23

Reach 1-4 were classified as MMS (moderate gradient mixed control). At the top of Reach 4, the survey crew documented a Lake. There were no other barriers documented by the stream crew. The following pictures show the lake documented on this Stream.



Photo 1. Lake documented at the top of Unnamed stream near Coffee Chuck



Photo 2. Taken down from lake documented at the top of stream.

Coffee Chuck Unnamed Stream 1

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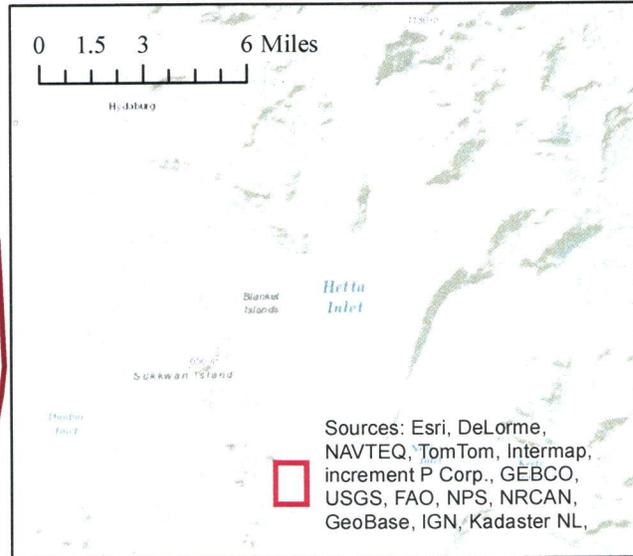
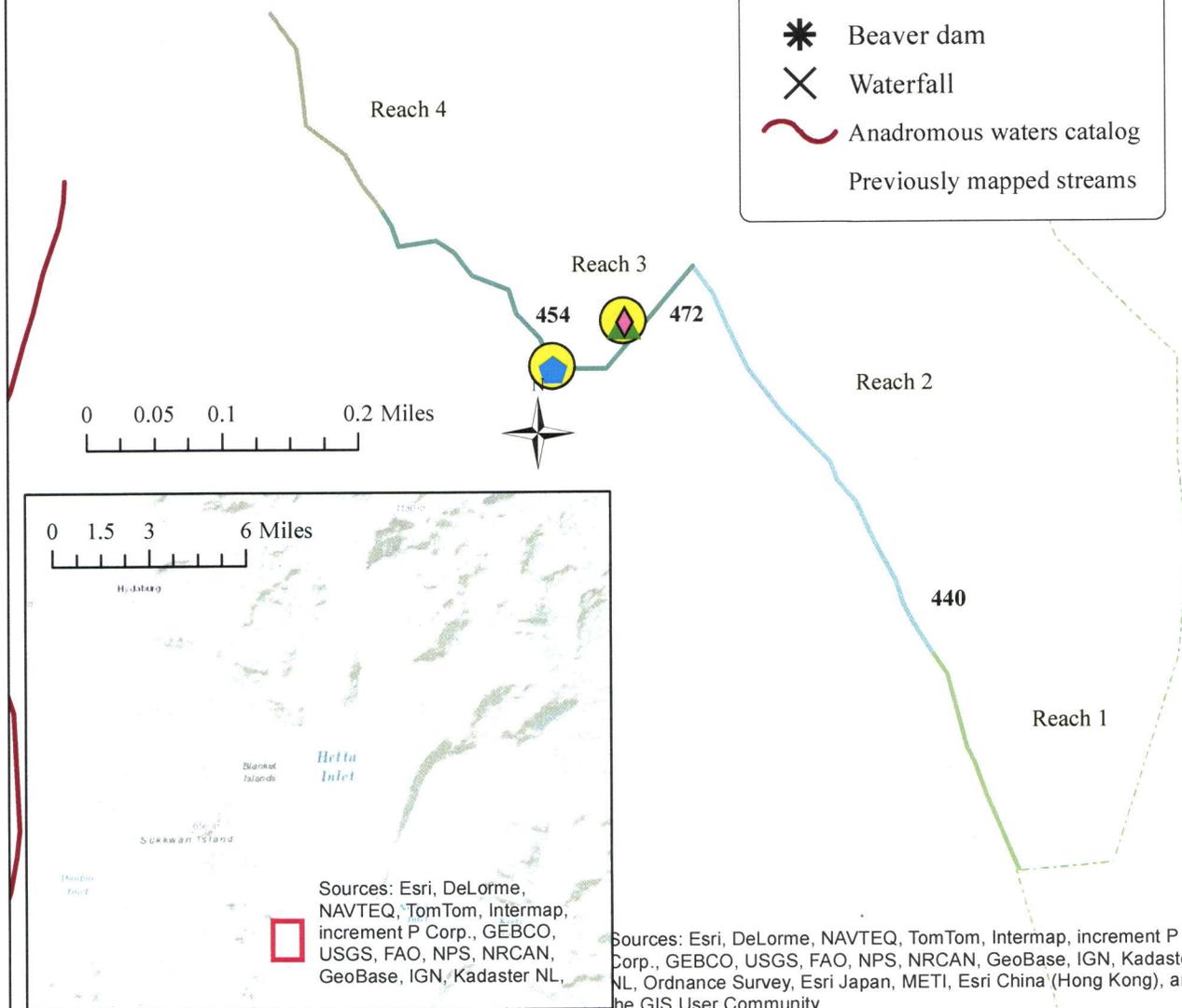
Key to symbols

Species

-  Dolly Varden
-  Cutthroat trout
-  Rainbow trout
-  Coho salmon

Other features

-  Beaver dam
-  Waterfall
-  Anadromous waters catalog
-  Previously mapped streams



Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), and the GIS User Community

ADF&G permit no. SF2014-154

Summary report of fish collection activity.

The area biologist was contacted on: 6/9/14 at 10:35 a.m.

Location ID (optional)	Latitude	Longitude	Datum	Coordinate determination method	Name of water body	Date	Observer name (first name, middle initial, last name)	Fish collection method	Species	Life stage	Length (mm)	Disposition (1)
440	55.04394	-132.68834	WGS84	GPS	Coffee Chuck	8/19/2014	Tony Sanderson	Minnow Trap	sculpin-unnspecified	juvenile	100	measured and released
440	55.04394	-132.68834	WGS84	GPS	Coffee Chuck	8/19/2014	Tony Sanderson	Minnow Trap	sculpin-unnspecified	juvenile	103	measured and released
440	55.04394	-132.68834	WGS84	GPS	Coffee Chuck	8/19/2014	Tony Sanderson	Minnow Trap	sculpin-unnspecified	juvenile	100	measured and released
440	55.04394	-132.68834	WGS84	GPS	Coffee Chuck	8/19/2014	Tony Sanderson	Minnow Trap	sculpin-unnspecified	juvenile	92	measured and released
440	55.04394	-132.68834	WGS84	GPS	Coffee Chuck	8/19/2014	Tony Sanderson	Minnow Trap	sculpin-unnspecified	juvenile	115	measured and released
440	55.04394	-132.68834	WGS84	GPS	Coffee Chuck	8/19/2014	Tony Sanderson	Minnow Trap	sculpin-unnspecified	juvenile	87	measured and released
440	55.04394	-132.68834	WGS84	GPS	Coffee Chuck	8/19/2014	Tony Sanderson	Minnow Trap	sculpin-unnspecified	juvenile	76	measured and released
454	55.04703	-132.69524	WGS84	GPS	Coffee Chuck	8/19/2014	Tony Sanderson	Minnow Trap	coho salmon	juvenile	71	measured and released
454	55.04703	-132.69524	WGS84	GPS	Coffee Chuck	8/19/2014	Tony Sanderson	Minnow Trap	coho salmon	juvenile	70	measured and released
454	55.04703	-132.69524	WGS84	GPS	Coffee Chuck	8/19/2014	Tony Sanderson	Minnow Trap	coho salmon	juvenile	74	measured and released
454	55.04703	-132.69524	WGS84	GPS	Coffee Chuck	8/19/2014	Tony Sanderson	Minnow Trap	coho salmon	juvenile	66	measured and released
454	55.04703	-132.69524	WGS84	GPS	Coffee Chuck	8/19/2014	Tony Sanderson	Minnow Trap	coho salmon	juvenile	69	measured and released
454	55.04703	-132.69524	WGS84	GPS	Coffee Chuck	8/19/2014	Tony Sanderson	Minnow Trap	coho salmon	juvenile	73	measured and released
454	55.04703	-132.69524	WGS84	GPS	Coffee Chuck	8/19/2014	Tony Sanderson	Minnow Trap	coho salmon	juvenile	66	measured and released
454	55.04703	-132.69524	WGS84	GPS	Coffee Chuck	8/19/2014	Tony Sanderson	Minnow Trap	coho salmon	juvenile	65	measured and released
454	55.04703	-132.69524	WGS84	GPS	Coffee Chuck	8/19/2014	Tony Sanderson	Minnow Trap	coho salmon	juvenile	76	measured and released
454	55.04703	-132.69524	WGS84	GPS	Coffee Chuck	8/19/2014	Tony Sanderson	Minnow Trap	coho salmon	juvenile	55	measured and released
454	55.04703	-132.69524	WGS84	GPS	Coffee Chuck	8/19/2014	Tony Sanderson	Minnow Trap	coho salmon	juvenile	76	measured and released
454	55.04703	-132.69524	WGS84	GPS	Coffee Chuck	8/19/2014	Tony Sanderson	Minnow Trap	coho salmon	juvenile	44	measured and released
454	55.04703	-132.69524	WGS84	GPS	Coffee Chuck	8/19/2014	Tony Sanderson	Minnow Trap	coho salmon	juvenile	77	measured and released
454	55.04703	-132.69524	WGS84	GPS	Coffee Chuck	8/19/2014	Tony Sanderson	Minnow Trap	coho salmon	juvenile	67	measured and released
454	55.04703	-132.69524	WGS84	GPS	Coffee Chuck	8/19/2014	Tony Sanderson	Minnow Trap	coho salmon	juvenile	71	measured and released
454	55.04703	-132.69524	WGS84	GPS	Coffee Chuck	8/19/2014	Tony Sanderson	Minnow Trap	coho salmon	juvenile	70	measured and released
454	55.04703	-132.69524	WGS84	GPS	Coffee Chuck	8/19/2014	Tony Sanderson	Minnow Trap	coho salmon	juvenile	69	measured and released
454	55.04703	-132.69524	WGS84	GPS	Coffee Chuck	8/19/2014	Tony Sanderson	Minnow Trap	coho salmon	juvenile	66	measured and released
454	55.04703	-132.69524	WGS84	GPS	Coffee Chuck	8/19/2014	Tony Sanderson	Minnow Trap	rainbow trout	juvenile	186	measured and released
472	55.04750	-132.69391	WGS84	GPS	Coffee Chuck	8/19/2014	Tony Sanderson	Minnow Trap	Dolly Varden	juvenile	188	measured and released
472	55.04750	-132.69391	WGS84	GPS	Coffee Chuck	8/19/2014	Tony Sanderson	Minnow Trap	Dolly Varden	juvenile	136	measured and released
472	55.04750	-132.69391	WGS84	GPS	Coffee Chuck	8/19/2014	Tony Sanderson	Minnow Trap	Dolly Varden	juvenile	125	measured and released
472	55.04750	-132.69391	WGS84	GPS	Coffee Chuck	8/19/2014	Tony Sanderson	Minnow Trap	Dolly Varden	juvenile	150	measured and released
472	55.04750	-132.69391	WGS84	GPS	Coffee Chuck	8/19/2014	Tony Sanderson	Minnow Trap	Dolly Varden	juvenile	176	measured and released

FISH ESCAPEMENT COUNTS

Hydaburg Cooperative Association Stream Habitat Surveys

Fish Habitat permit: SF2014-154 (various stream)

Date of Survey	Watershed	Stream/Tributary	Reach	Survey End GPS Point
8-19-14	CORee chuck	Stream	2	451

Index Area	Pink Salmon		Chum Salmon		Coho Salmon		Sockeye Salmon		Other	
	Live	Carcass	Live	Carcass	Live	Carcass	Live	Carcass	Live	Carcass
Mount										
Intertidal										
In Stream	15-6-35 64020	3	1	1						
Riparian		9								
TOTAL NUMBERS										
Upper GPS Point										

Observers	Wind	Weather	Water	Visibility	Bottom	Additional Comments
LE TS	calm	overcast				

FISH ESCAPEMENT COUNTS

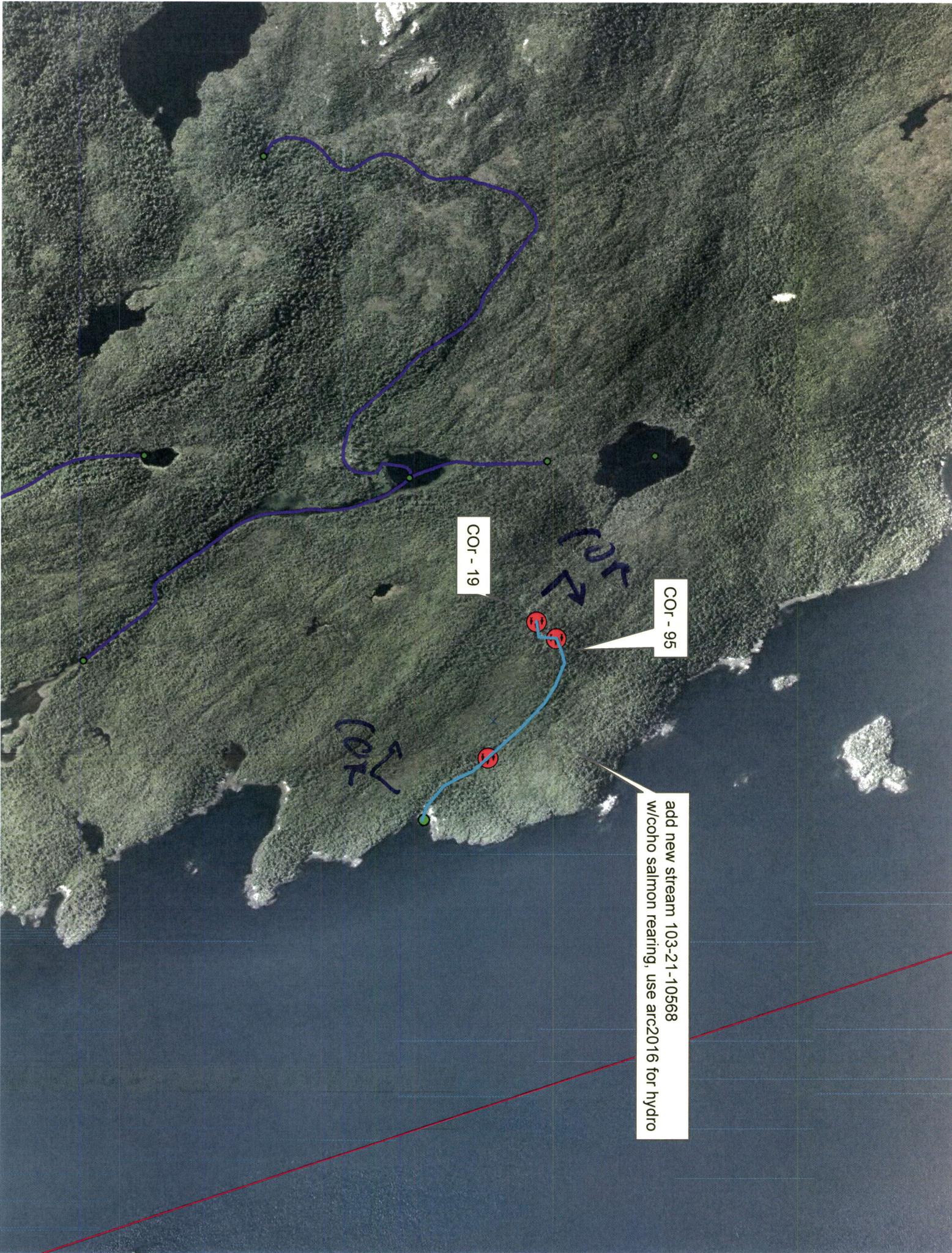
Hydaburg Cooperative Association Stream Habitat Surveys

Fish Habitat permit: SF2014-154 (various stream)

Date of Survey	Watershed	Stream/Tributary	Reach	Survey End GPS Point
8-19	Coffee Creek		3	

Index Area	Pink Salmon		Chum Salmon		Coho Salmon		Sockeye Salmon		Other	
	Live	Carcass	Live	Carcass	Live	Carcass	Live	Carcass	Live	Carcass
Mount										
Intertidal										
In Stream	35				1		2			
Riparian				12						
TOTAL NUMBERS										
Upper GPS Point	352									

Observers	Wind	Weather	Water	Visibility	Bottom	Additional Comments
KE S	Calms	Overcast				



COR - 19

COR - 95

add new stream 103-21-10568
w/coho salmon rearing, use arc2016 for hydro

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