



State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Anadromous Waters Catalog

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Region Southeastern USGS Quad(s) ICY BAY D-2 & D-3, D-2 & D-3 N

Anadromous Waters Catalog Number of Waterway 191-20-13800-2023 2029

Name of Waterway Crystal Creek USGS Name Local Name
 Addition Deletion Correction Backup Information

For Office Use

Nomination #	<u>14-646</u>	<u>James J Hasbrouck</u>	<u>10/3/2014</u>
		Fisheries Scientist	Date
Revision Year:	<u>2015</u>	<u>Michelle J. A.</u>	<u>10/3/14</u>
Revision to:	Atlas _____	Habitat Operations Manager	Date
	Both <u>X</u>	<u>JF</u>	<u>9/16/14</u>
		AWC Project Biologist	Date
Revision Code:	<u>B-2C-9</u>	<u>TA</u>	<u>10/13/14</u>
		Cartographer	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon	06/06/2014		✓	✓	✓

ref nom #
14-634
stream #
change

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(59.9912,-141.6475) Lower(59.9832,-141.6577)

add coho salmon rearing and revise stream hydrography

Name of Observer (please print): Richard Hoffman
 Signature: 10.7.168.129 (Web Nomination) Date: 08/18/2014
 Agency: _____
 Address: P.O. Box 110024
Juneau, AK 99811-0024

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): _____

CRYSTAL CREEK**CORRECTION****Water body name:** Crystal Creek**Survey date:** 6/9/2014**Water body number:** 191-20-13800-2023**Species & Lifestage:** COs, DVp**Watershed:** White River-Frontal Gulf of Alaska**MTR:** C022S022E **Quad:** Icy Bay D-2**Findings:** We surveyed stream 191-20-13800-2023 using a GPS and handnet. We were able to catch rearing coho salmon. We did not come across any fish barrier, but we were above area that was being considered for logging.**Recommendations:** Correct the current route in the AWC and add rearing coho salmon.

Table 1.-191-20-13800-2023 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
82	59.9832	-141.6577	Crystal Creek entering Priest River on river right. Tracking.		
83	59.9840	-141.6587		HN	6 CO
84	59.9844	-141.6575		HN	2 CO
85	59.9868	-141.6543	Tributary entering river right. Will come back too.	HN	3 CO
86	59.9880	-141.6460		HN	4 CO
87	59.9883	-141.6450	Tributary entering river left. Only 10ft long and ends where coming out of ground. There is also an old beaver dam here.		
88	59.9888	-141.6429	Tributary entering river left. Not tracking and staying on main tributary. Area looks to be where old beaver pond was located.		
89	59.9891	-141.6429	Beaver dam with a hole in it. Have a tributary entering river left here also. Not tracking.	HN	3 CO
90	59.9897	-141.6436	Have water entering river left, may be a side channel. Staying with main tributary.	HN	2 CO
91	59.9903	-141.6451		HN	1 CO
92	59.9904	-141.6456		HN	2 CO
93	59.9904	-141.6457	Stream forks here.		
94	59.9905	-141.6474		HN	3 CO
95	59.9912	-141.6475	Calling it here. No barrier was located, but out of timber stand.	HN	5 CO

Table 2.—Continued.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
96	59.9906	-141.6448		HN	3 CO
97	59.9906	-141.6431	Tributary entering river left. Not tracking and staying on branch.		



Figure 1.—Looking upstream.



Figure 2.—There is no defined channel once stream leaves mountain side.



Figure 3.—The stream is cutting back through the sediment layer that had been deposited here when beavers were active in area.

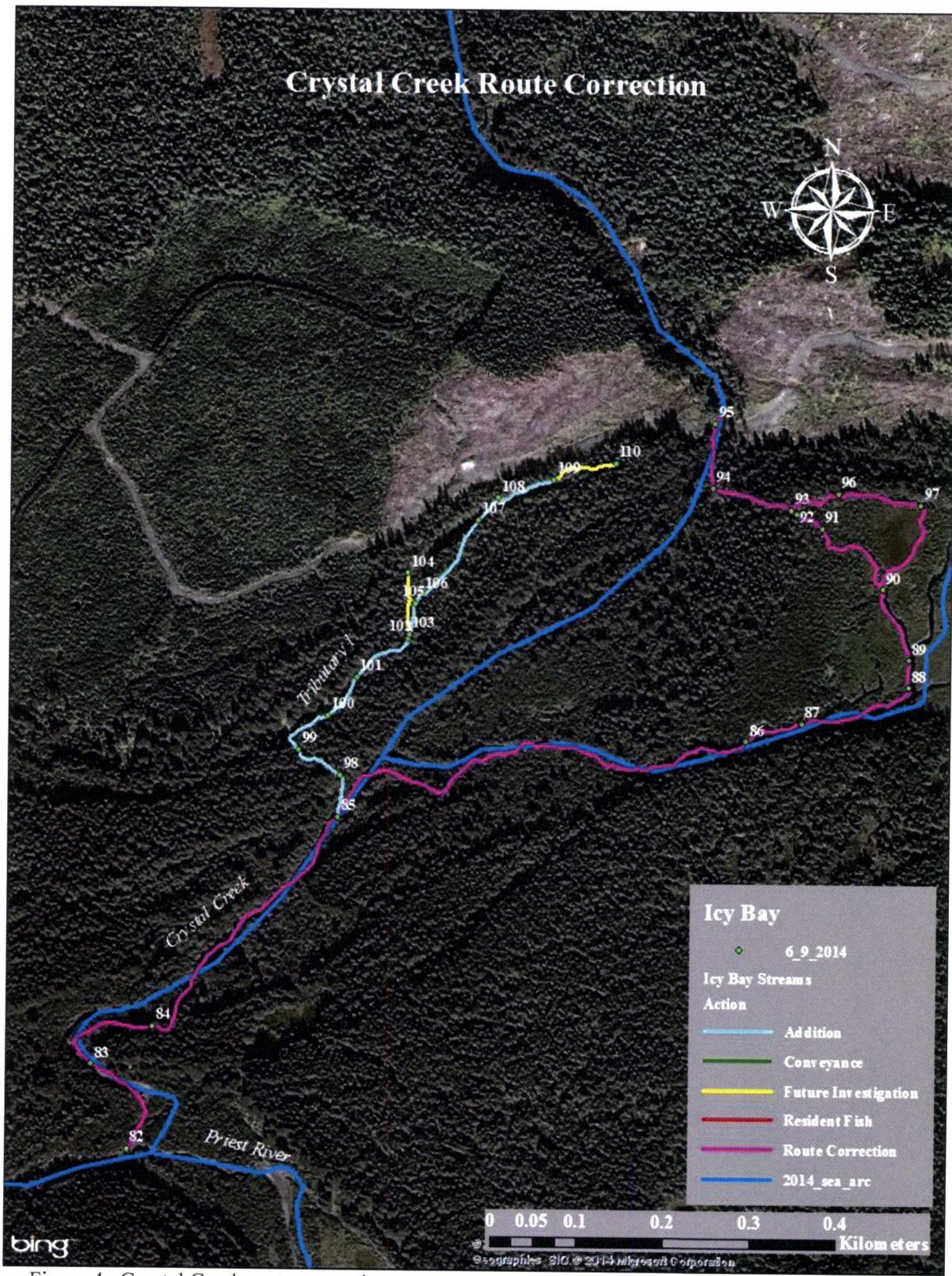
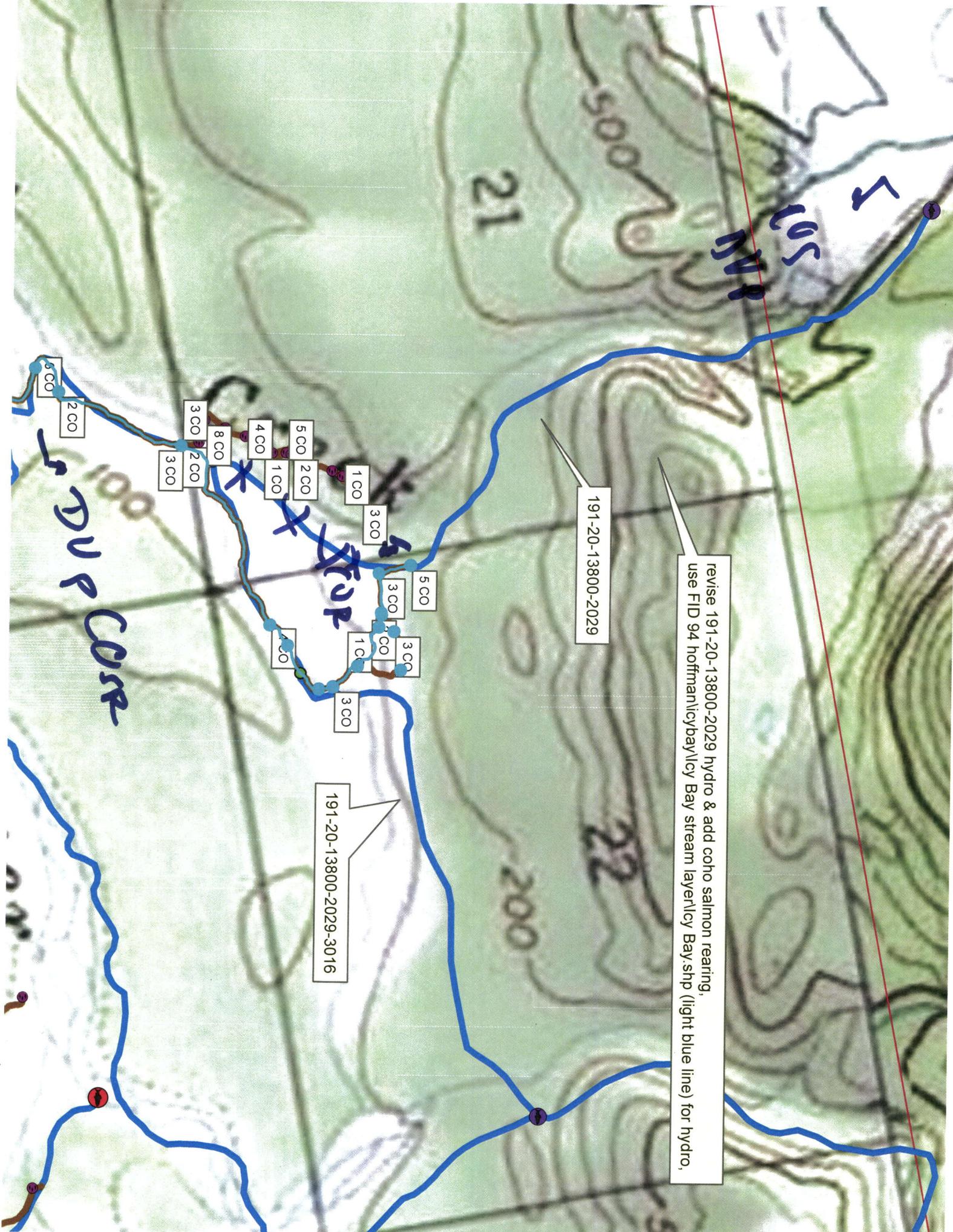


Figure 4.—Crystal Creek route correction map.



revise 191-20-13800-2029 hydro & add coho salmon rearing,
use FID 94 hoffmanlicybaylicy Bay stream layerlicy Bay.shp (light blue line) for hydro,

191-20-13800-2029

191-20-13800-2029-3016