Appendix H: Icy Bay

Guide to direct fieldwork for cataloging anadromous water bodies in Southeast Alaska

Alaska Department of Fish and Game **Division of Habitat**

Symbols and Abbreviations

K		Chinook salmon
CH		chum salmon
CO		coho salmon
CT		cutthroat trout (anadromous and resident juveniles and adults)
DV		Dolly Varden char
OU		eulachon
S		sockeye salmon
P		pink salmon
RT		rainbow trout (unknown juvenile or resident adult)
SC		sculpin sp.
SH		steelhead trout (adult)
SB		threespine stickleback
s		spawning
r		rearing
p		presence
EF		electrofish
VI		visual identification
HN		handnet
RS		route survey
MT		minnow trap
BS		beach seine
FN		fyke net
	(ginger pink)	route correction
	(apatite blue)	addition
	(solar yellow)	future investigation
	(poinsettia red)	resident fish
	(lepidolite lilac)	conveyance
	(electron gold)	deletion
	(lapis lazuli)	AWC
	(lapis lazuli)	overflow channel
	(electron gold)	barrier

This appendix is a working document updated as new information is acquired. Figures and tables are numbered per water body. Pages numbers are eliminated to prevent document reprinting when individual pages are inserted or removed.

ICY BAY SURVEYS

Icy Bay is located 73 miles north of Yakutat (Figure 1). The University of Alaska and Mental Health Trust have built roads and harvested timber on the west side of the bay. The area is currently uninhabited.

Figure 1.–Icy Bay survey map.

Icy Bay

186-15-10400 CORRECTION

Water body name: Watson Creek **Survey date:** 7/12/2014
Water body number: 186-15-10400 **Species & Lifestage:** COp
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: We surveyed Watson Creek with a minnow trap and a GPS (Table 1). Watson Creek has shifted course compared to the anadromous waters catalog. The stream comes off the mountain and spreads out in an undefined channel through forest (Figures 1, 2, 3). As it approaches road it starts to parallel the logging road for a bit before hitting road and going into a lake. This lake then empties into the east branch of Priest River. At high flows the stream crosses road and fills a kettle pond that is normally isolated.
Recommendations: Correct the current course in AWC (Figure 4).
Nominations: 14-680

Table 1.–186-15-10400 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
159	59.9756	-141.5964	Setting two minnow traps. One on opposite sides of road. Mountain side got 3 CO and Ocean side only got leeches.	MT	3 CO
186	59.9753	-141.6115	Watson Creek entering.		
387	59.9760	-141.5956	Found a good channel that is deep going to track up and see what can be found.		
388	59.9809	-141.5829	Possible side channel outlet.		
389	59.9811	-141.5827	Possible side channel inlet.		
390	59.9858	-141.5805	Calling it here. Believe this is new Watson channel. Have not come across a barrier. The water has been in and out of a defined channel. Looks like parts could change with each new rain event.		
395	59.9757	-141.6011	Water from new Watson going into lake.		

Figure 1.–Main new channel.

Figure 2.–Example of Watson Creek's meandering.

Figure 3.–Watson Creek flowing through forest in undefined channel.

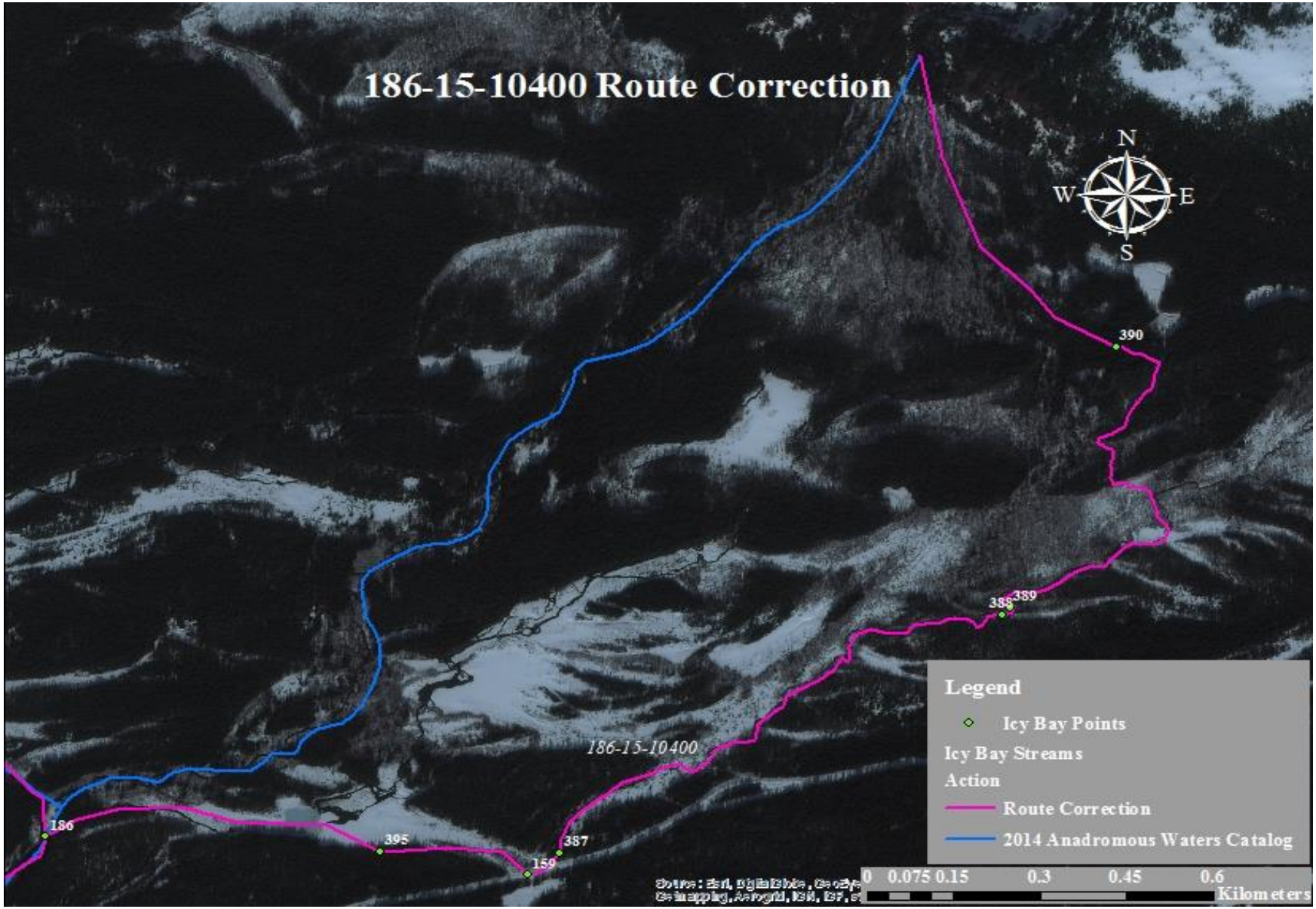

Figure 4.–186-15-10400 route correction map.

Icy Bay

Icy Bay

186-15-10400-2011 CORRECTION

Water body name: Camp Creek **Survey date:** 7/8/2014
Water body number: 186-15-10400-2011 **Species & Lifestage:** COsr
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: We surveyed stream 186-15-10400-2011 using a GPS and handnet (Table 1). We visually identified and captured rearing coho. Stream is marshy near the ocean and does not become channelized until it near logging camp (Figures 1, 2, 3). We ended the survey at the headwaters of the stream, which is seeping out of the ground from many locations.
Recommendations: Correct the current route in AWC and add rearing coho (Figure 4).
Nomination: 14-648

Table 1.–186-15-10400-2011 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
209	59.9631	-141.6509	Mouth of stream, where tide water influence ends.		
210	59.9632	-141.6462	Stream connects with a pond.		
211	59.9641	-141.6428	Water connects with another pond that is much larger.		
212	59.9634	-141.6378	On opposite side of pond from WPT# 211. We walked the river left side of pond.		
213	59.9656	-141.6406	Have left pond. Have more of a channel now. Have also come across several old beaver dams.		
214	59.9667	-141.6405	Bridge over stream.	HN	4 CO
215	59.9671	-141.6402	Water intake.		
216	59.9690	-141.6315	Small earth beaver dam. Have visual on CO from the bridge up to this point.		
217	59.9692	-141.6303	Abandoned beaver dam. Visual of CO above dam.		
218	59.9693	-141.6278	Slough branch entering on river left.		
221	59.9720	-141.6258		HN	1 CO
222	59.9721	-141.6257	Small seep entering river left.		
223	59.9733	-141.6294	Small seep entering river right.	HN	3 CO
224	59.9743	-141.6297	Tributary entering river left and providing half of the water. Continueing on main stem.		
225	59.9756	-141.6328		VI	1 CO
226	59.9755	-141.6333		HN	1 CO
227	59.9762	-141.6344		VI	1 CO

Table 1.–Continued.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
228	59.9770	-141.6346		HN	2 CO
229	59.9792	-141.6327	Calling top of main stem. Water has lost a defined channel and seeping out of ground over wide area. Don't know why CO thinned out and not at top. Could because when not wet enough no water present.		

Figure 1.–Waterfront pond at the beginning of creek.

Figure 2.–Water intake on creek near camp.

Figure 3.–Looking downstream from defined channel on marsh/pond.

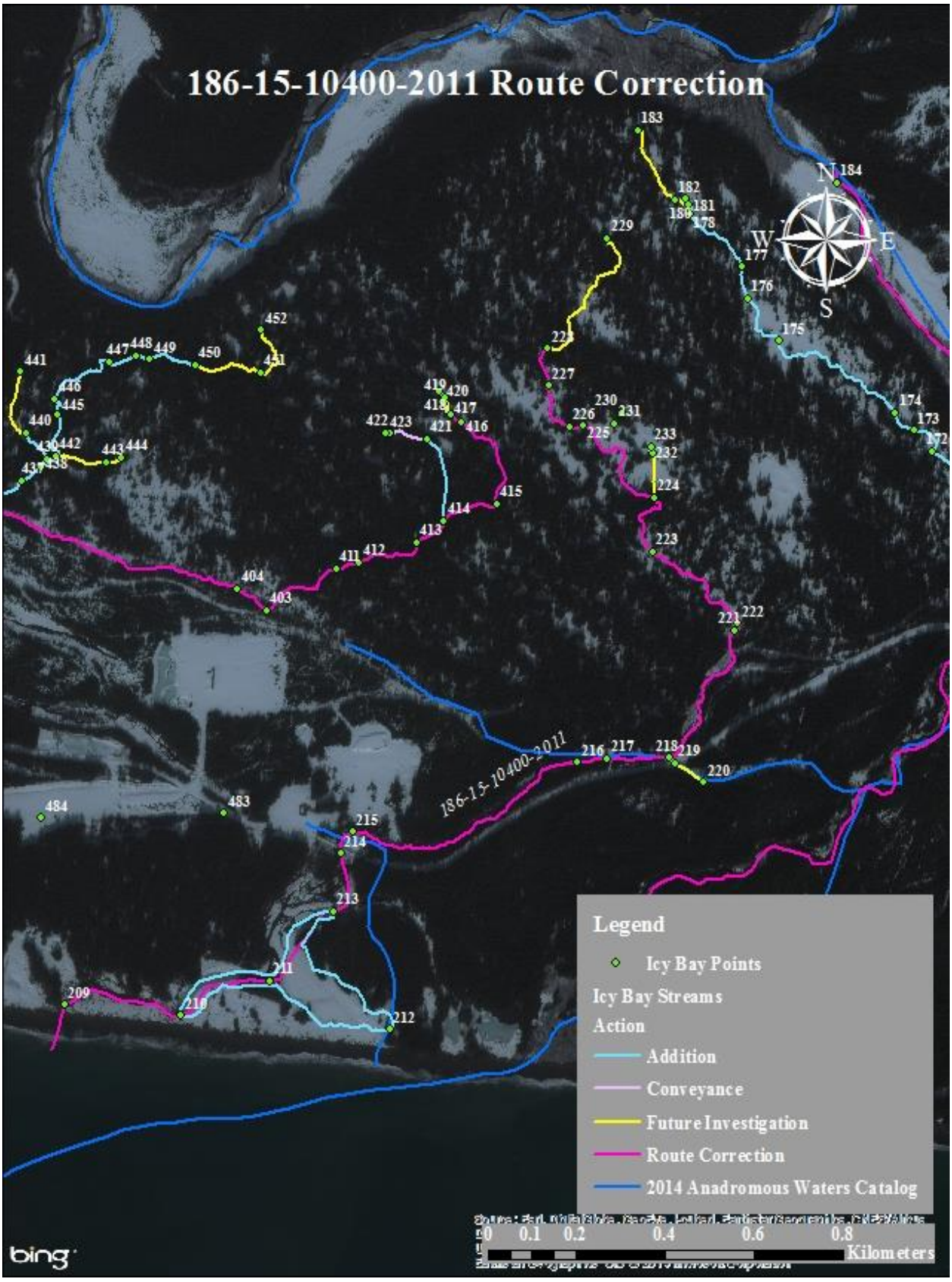

Figure 4.–186-15-10400-2011 route correction map.

Icy Bay

Icy Bay

186-15-10550-2005 CORRECTION

Water body name: **Survey date:** 7/11/2014
Water body number: 186-15-10550-2005 **Species & Lifestage:** COp
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: We surveyed stream 186-15-10550-2005 using a GPS and handnet (Table 1). We were able to catch and visually identify rearing coho salmon (Figure 1). This stream runs through a marsh and lake where there are many nesting sea birds (Figure 2). The headwater of 186-15-10550-2005 is an old beaver pond that has freshwater clams. There are only conveyance streams around the pond.
Recommendations: Add stream to AWC and add rearing coho (Figure 3).
Nomination: 14-651

Table 1.–186-15-10550-2005 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
341	59.9704	-141.5703	Tributary entering.		
342	59.9675	-141.5768		HN	2 CO
343	59.9654	-141.5853	Becoming a marsh.		
344	59.9651	-141.5941	Marsh increases in size here, becoming marsh/pond.		
345	59.9661	-141.5968	Possible inlet location. Turned out to be pond wrapping around.		
346	59.9673	-141.5935	Interesting earth wall here that divides marsh. Walking around still have seen several places with fish bones, so some adults must come up here.		
351	59.9684	-141.5923	Have an inlet stream here.		
352	59.9699	-141.5933	Tributary entering river right.		
353	59.9700	-141.5934	Side channel top. Connect with WPT# 352.		
354	59.9708	-141.5952		VI	5 CO
355	59.9718	-141.5948		VI	3 CO
356	59.9725	-141.5933	Tributary entering river right.	VI	6 CO
360	59.9728	-141.5928	Tributary entering river right.		
362	59.9740	-141.5887	Breaking down a beaver dam. HN 2 CO above the dam.	HN	2 CO
363	59.9744	-141.5882	Tributary entering beaver pond.		
366	59.9747	-141.5860		HN	2 CO

Figure 1.–A large rearing coho salmon.

Figure 2.–Lesser Yellowleg nest in marsh.

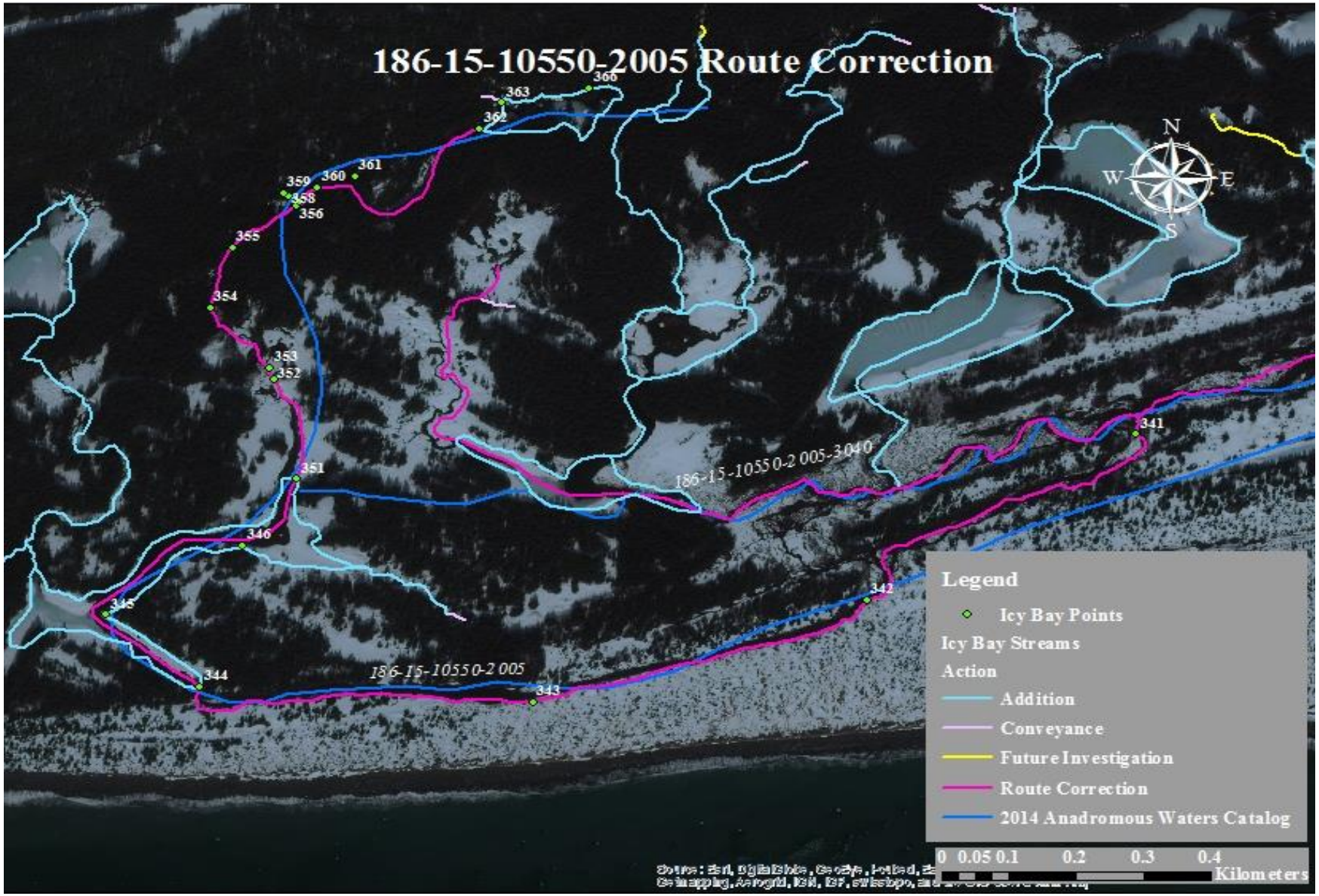

Figure 3.–186-15-10550-2005 route correction map.

Icy Bay

Icy Bay

186-15-10550-2005-3065-4011 ADDITION

Water body name: **Survey date:** 7/11/2014
Water body number: 186-15-10550-2005-3065-4011 **Species & Lifestage:** COr
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: We surveyed stream 186-15-10550-2005-3065-4011 using a GPS and handnet (Table 1). We were able to catch rearing coho salmon (Figure 1). This stream runs through several ponds before ending in a pond.
Recommendations: Add stream to AWC and rearing coho (Figure 2).
Nomination: 14-652

Table 1.–186-15-10550-2005-3065-4011 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
379	59.9683	-141.6028	Upper pond outlet. No inlet streams. Water coming from seeps from surrounding hillsides.	HN	2 CO
380	59.9669	-141.6041	Tributary entering lake here.		
381	59.9673	-141.6026	Outlet of lake.	HN	3 CO
382	59.9670	-141.5992	Mouth of tributary meeting with previous tributary.		
383	59.9668	-141.6042	Stream goes into another pond.		
384	59.9669	-141.6046	Small connection stream to another pond.	HN	2 CO
385	59.9670	-141.6046	Outlet of pond.		
386	59.9671	-141.6051	Side of pond.	VI	3 CO

Figure 1.–Couple of hand netted rearing coho salmon.

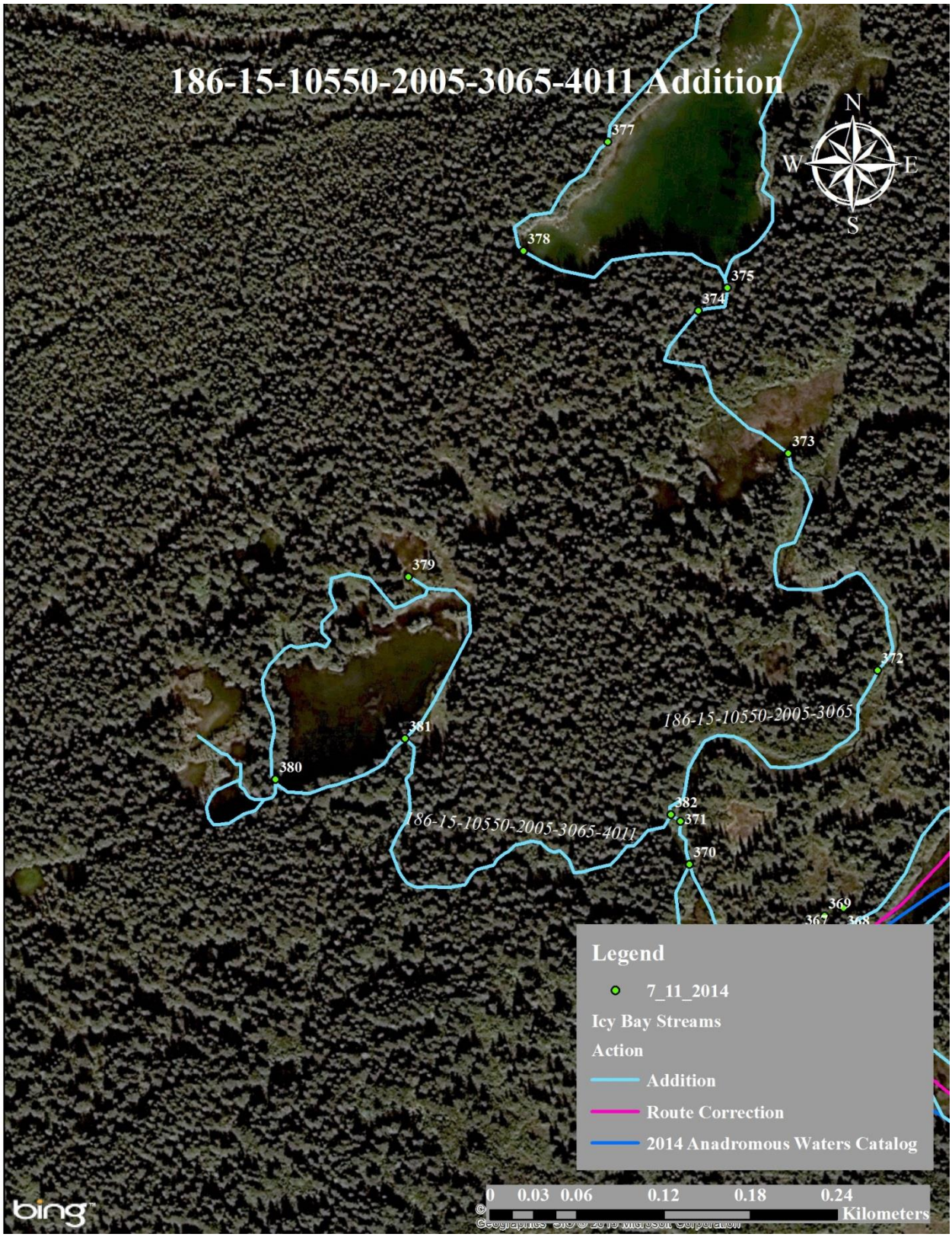

Figure 2.–186-15-10550-2005-3065-4011 addition map.

Icy Bay

186-15-10550-2005-3065 ADDITION

Water body name: **Survey date:** 7/11/2014
Water body number: 186-15-10550-2005-3065 **Species & Lifestage:** COr
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: We surveyed stream number 186-15-10550-2005-3065 using a GPS and handnet (Table 1). We were able to catch and visually identify rearing coho salmon (Figure 1). This stream ends in a large abandoned beaver pond that has several conveyance streams.
Recommendations: Add stream to AWC and add rearing coho (Figure 2).
Nomination: 14-653

Table 1.–186-15-10550-2005-3065 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
371	59.9670	-141.5991	Enter a marsh.		
372	59.9680	-141.5969	End of marsh.	VI	4 CO
373	59.9693	-141.5983	Becomes semi-marshy.	VI	3 CO
374	59.9701	-141.5996		VI	5 CO
375	59.9703	-141.5993		HN	3 CO
			Outlet to large lake. HN 3 CO at outlet. There are a lot of freshwater clams at the outlet.		
376	59.9722	-141.5995	Upper part of the lake. Water is entering from three locations that end at the hillside around lake.	HN	3 CO

Figure 1.–Captured rearing coho salmon.

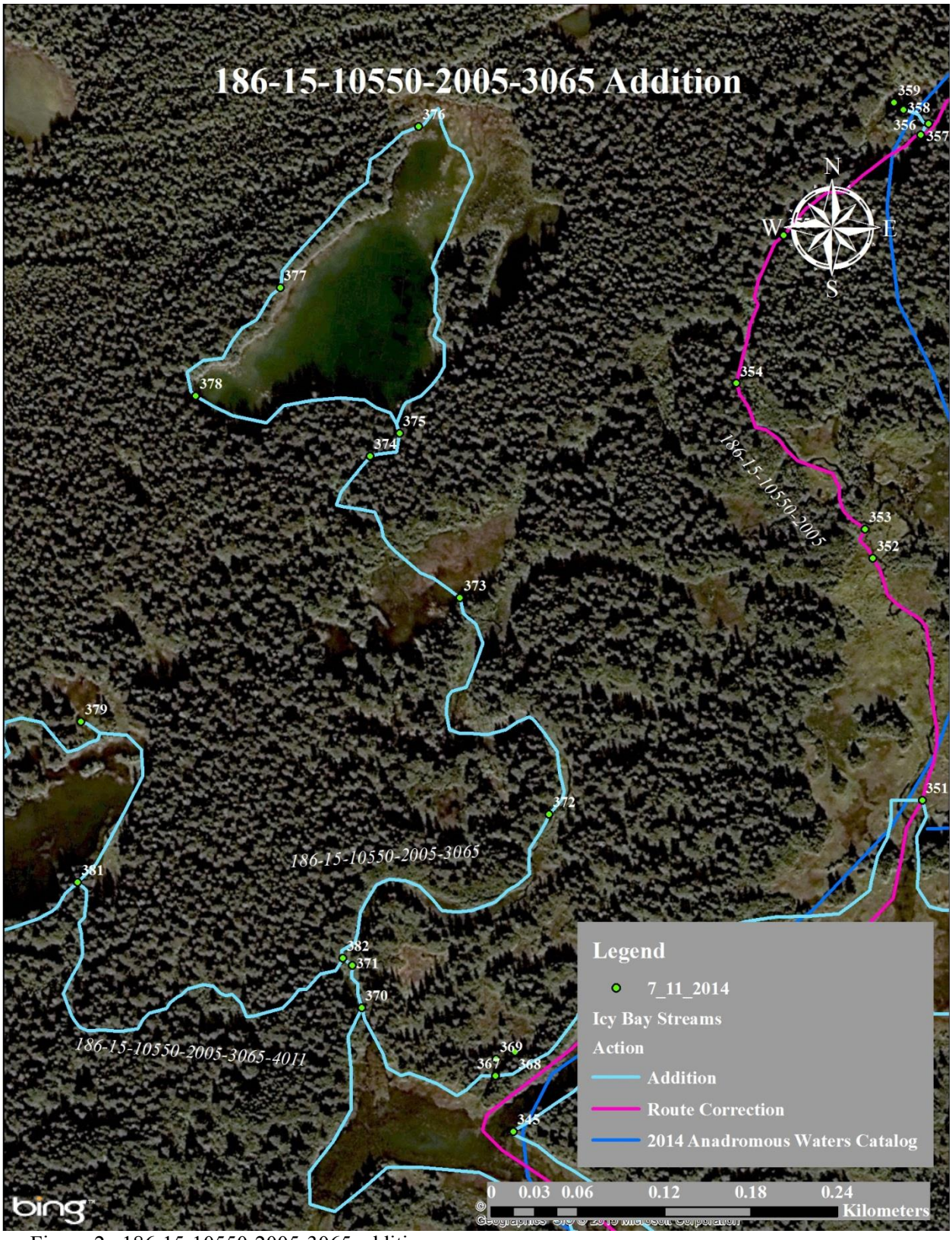

Figure 2.–186-15-10550-2005-3065 addition map.

186-15-10550-2005-3070 ADDITION

Water body name: **Survey date:** 7/11/2014
Water body number: 186-15-10550-2005-3070 **Species & Lifestage:** COr
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: We surveyed stream number 186-15-10550-2005-3070 using a GPS and handnet (Table 1). We were able to catch rearing coho salmon (Figure 1). This stream enters large marsh/pond that 186-15-10550-2005 runs through. This stream is not very wide or deep and ended were water was seeping out of the ground.
Recommendations: Add stream to AWC and rearing coho (Figure 2).
Nomination: 14-654

Table 1.–186-15-10550-2005-3070 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
347	59.9672	-141.5902	Inlet stream. Very small.		
348	59.9670	-141.5890		HN	1 CO
349	59.9666	-141.5873	Top of tributary. Ends in a mushy area where water is coming out of the ground.		
350	59.9666	-141.5879		HN	3 CO

Figure 1.–Young of the year coho salmon.

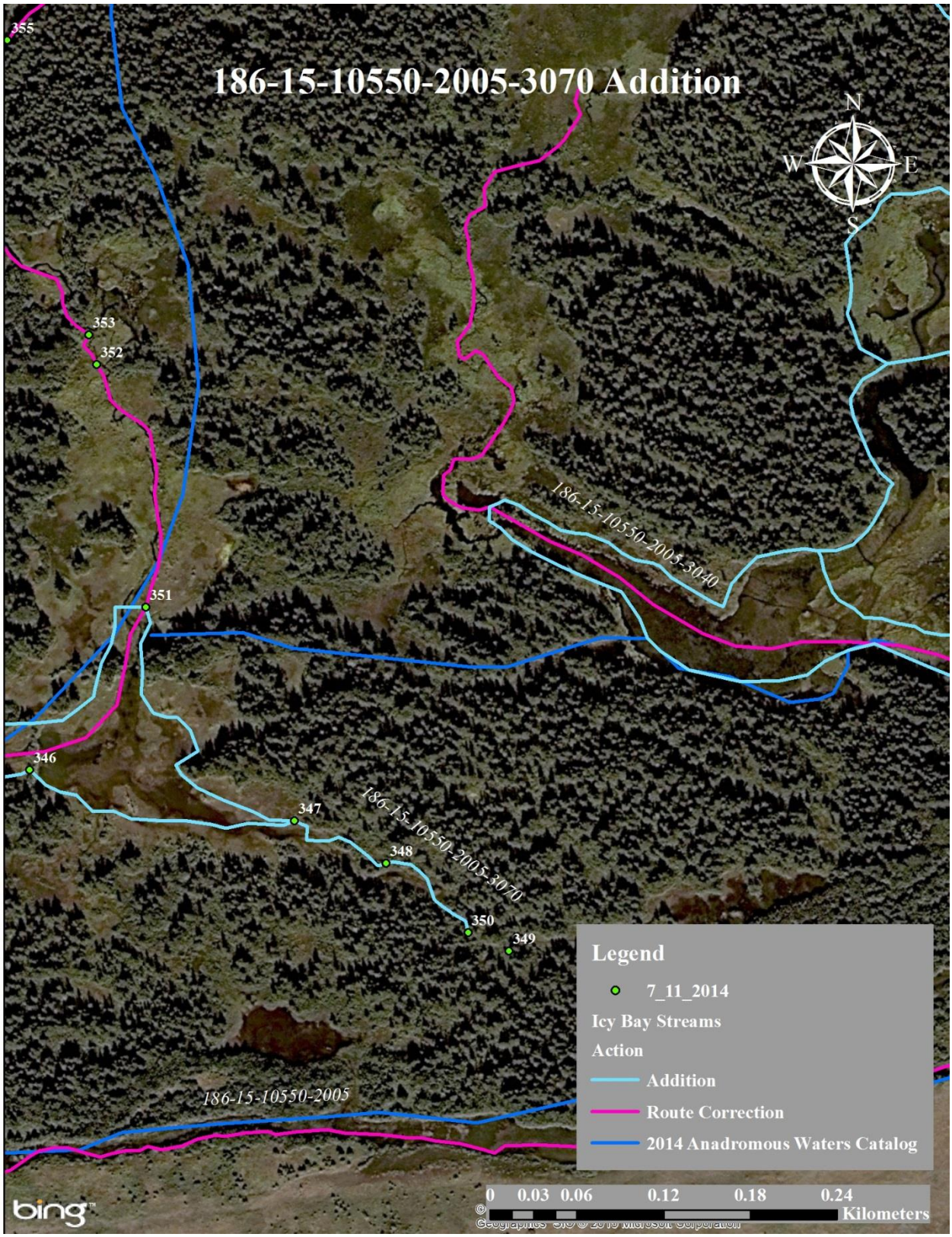

Figure 2.–186-15-10550-2005-3070 addition map.

Icy Bay

186-15-10550-2005-3040 CORRECTION

Water body name: **Survey date:** 7/10/2014
Water body number: 186-15-10550-2005-3040 **Species & Lifestage:** COp
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: We surveyed stream 186-15-10550-2005-3040 using a GPS and handnet (Table 1). We were able to catch and visually identify rearing coho salmon (Figure 1). This stream ends in a marsh were water is seeping in from surrounding area.
Recommendations: Add stream to AWC and rearing coho salmon (Figure 2).
Nomination: 14-655

Table 1.–186-15-10550-2005-3040 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
128	59.9852	-141.5150	At the end of road and going to track stream that from lagoon. WPT where clear water meet Carson Creek on delta.		
129	59.9850	-141.5212	Tributary entering river left.		
145	59.9818	-141.5339	Small tributary entering river left.		
152	59.9806	-141.5392	Tributary entering river left.		
279	59.9722	-141.5641	Middle of large and long marsh pond. VL on many CO.		
280	59.9692	-141.5764	Tributary entering river left.	VI	10 CO
304	59.9685	-141.5815	Possible tributary entering river left, turned out to be main water.		
331	59.9693	-141.5882	Marsh area coming to an end. Have sight of a channel, but to soft to get close.		
332	59.9693	-141.5888	Possible tributary entering river right.		
333	59.9711	-141.5889		HN	2 CO
334	59.9714	-141.5881	Tributary entering river right.	HN	3 CO
335	59.9716	-141.5878		HN	2 CO
336	59.9719	-141.5877	Outlet of marsh pond. There is no inlet stream to marsh pond. Water is just collecting from surrounding area.	HN	2 CO

Figure 1.–Captured rearing coho salmon.

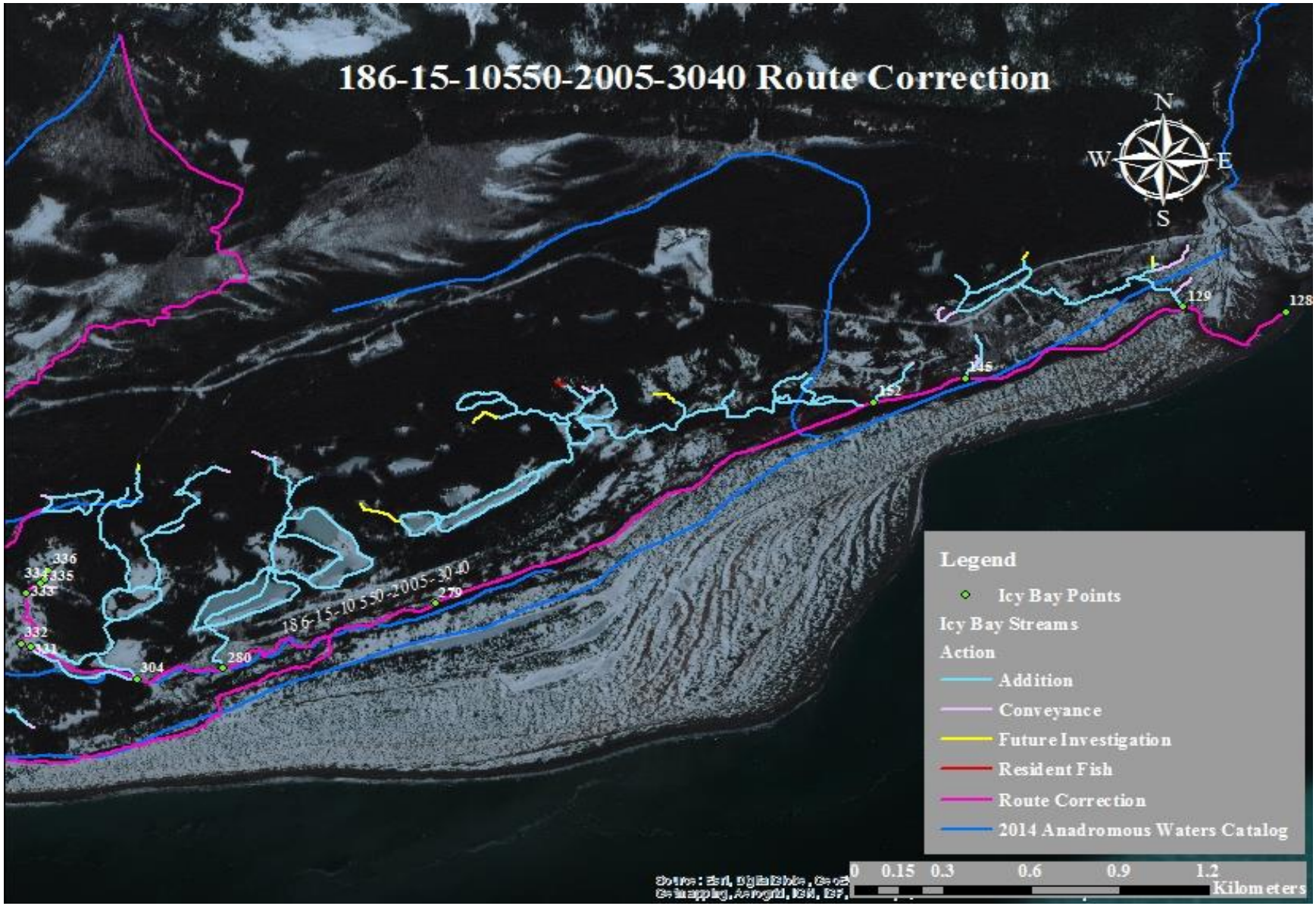

Figure 2.–186-15-10550-2005-3040 route correction map.

Icy Bay

Icy Bay

186-15-10550-2005-3002 ADDITION

Water body name: **Survey date:** 6/10/2014
Water body number: 186-15-10550-2005-3002 **Species & Lifestage:** COr
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: We surveyed stream 186-15-10550-2005-3002 using a GPS and handnet (Table 1). We were able to catch rearing coho salmon (Figure 1). The headwater is water seeping out of the ground. This stream comes off hillside and flows into an active beaver pond before flowing over logging road and into marsh.
Recommendations: Add stream to AWC and rearing coho (Figure 2).
Nomination: 14-656

Table 1.–186-15-10550-2005-3002 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
129	59.9850	-141.5212	Tributary entering river left.		
130	59.9854	-141.5220	Tributary entering river left.		
132	59.9858	-141.5241	Tributary entering river left.		
138	59.9858	-141.5248	Stream spreads out here, but still has a slight channel.		
139	59.9852	-141.5259	Tributary entering river left, but a conveyance stream.		
140	59.9847	-141.5280	Old beaver dam, abandoned and has a large hole through it.		
141	59.9851	-141.5294	Tributary entering river left.		
142	59.9849	-141.5299	Becomes a stream with decent gravel.		
143	59.9851	-141.5309	Water spreads out a bit here.		
144	59.9852	-141.5312	Creek flowing over road.	HN	7 CO
396	59.9858	-141.5311	Inlet stream.		
397	59.9861	-141.5313		HN	3 CO
398	59.9863	-141.5311	End of stream. Water seeping out of ground.		
399	59.9847	-141.5344	Mouth of creek into beaver pond.		
400	59.9853	-141.5353	Beaver dam that fish can't pass. HN 3 CO below the dam.	HN	3 CO
401	59.9841	-141.5348	Tributary entering pond.	HN	2 CO

Figure 1.–Captured rearing coho salmon.

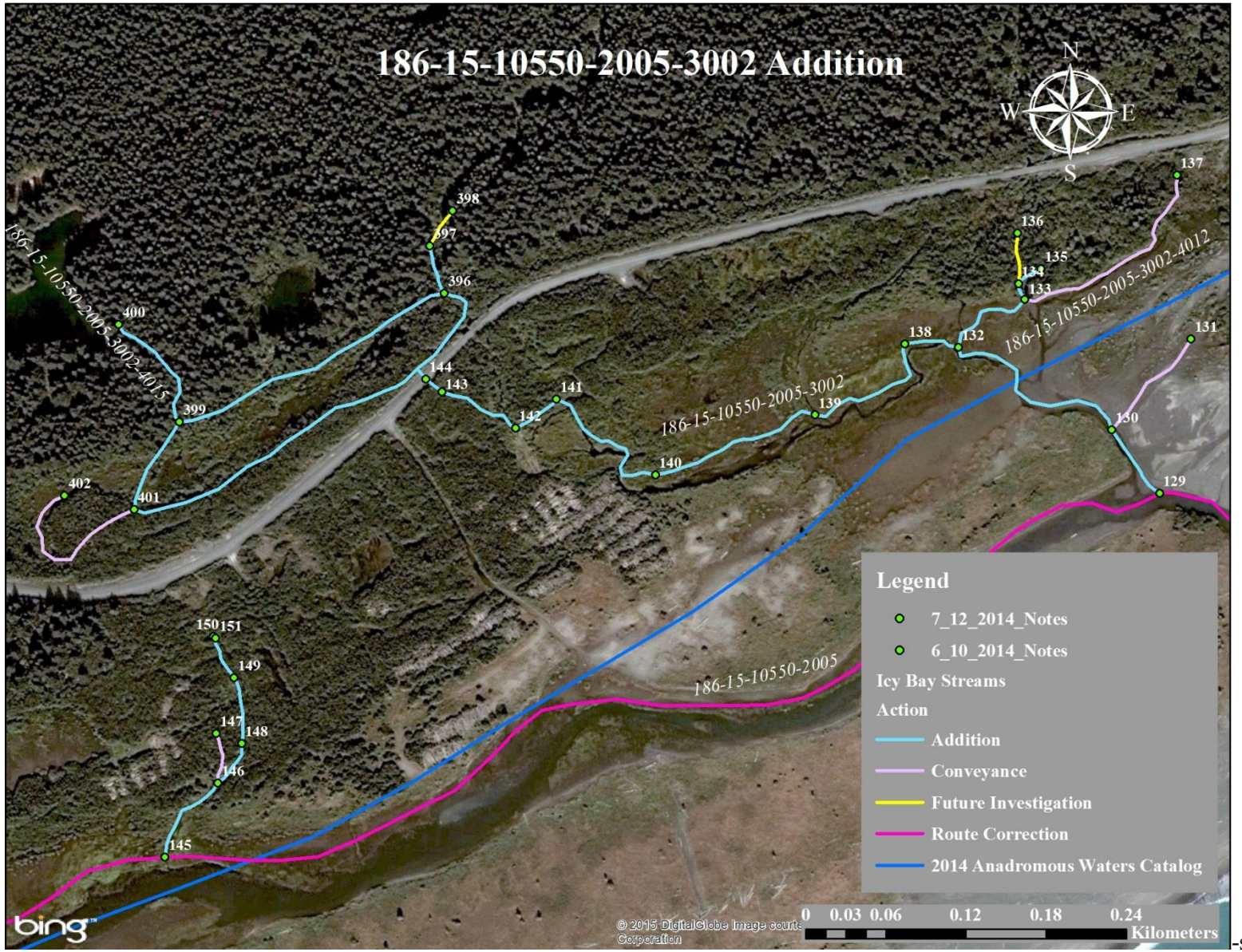

Figure 2.–186-15-10550-2005-3002 addition map.

Icy Bay

186-15-10550-2005-3002-4012 ADDITION

Water body name: **Survey date:** 6/10/2014
Water body number: 186-15-10550-2005-3002-4012 **Species & Lifestage:** COr
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: We surveyed stream number 186-15-10550-2005-3002-4012 using a GPS and handnet (Table 1). We were able to catch rearing coho salmon (Figure 1). This stream ends where water is upwelling and at a one foot drop.
Recommendations: Add stream and rearing coho (Figure 2).
Nomination: 14-657

Table 1.–186-15-10550-2005-3002-4012 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
132	59.9858	-141.5241	Tributary entering river left.		
133	59.9862	-141.5233	Tributary entering river right.		
134	59.9863	-141.5234	Tributary entering river left.		
135	59.9864	-141.5232	Top of tributary. Has little flow and 1ft drop with no defined channel above drop.	HN	2 CO

Figure 1.–Young of the year coho salmon.

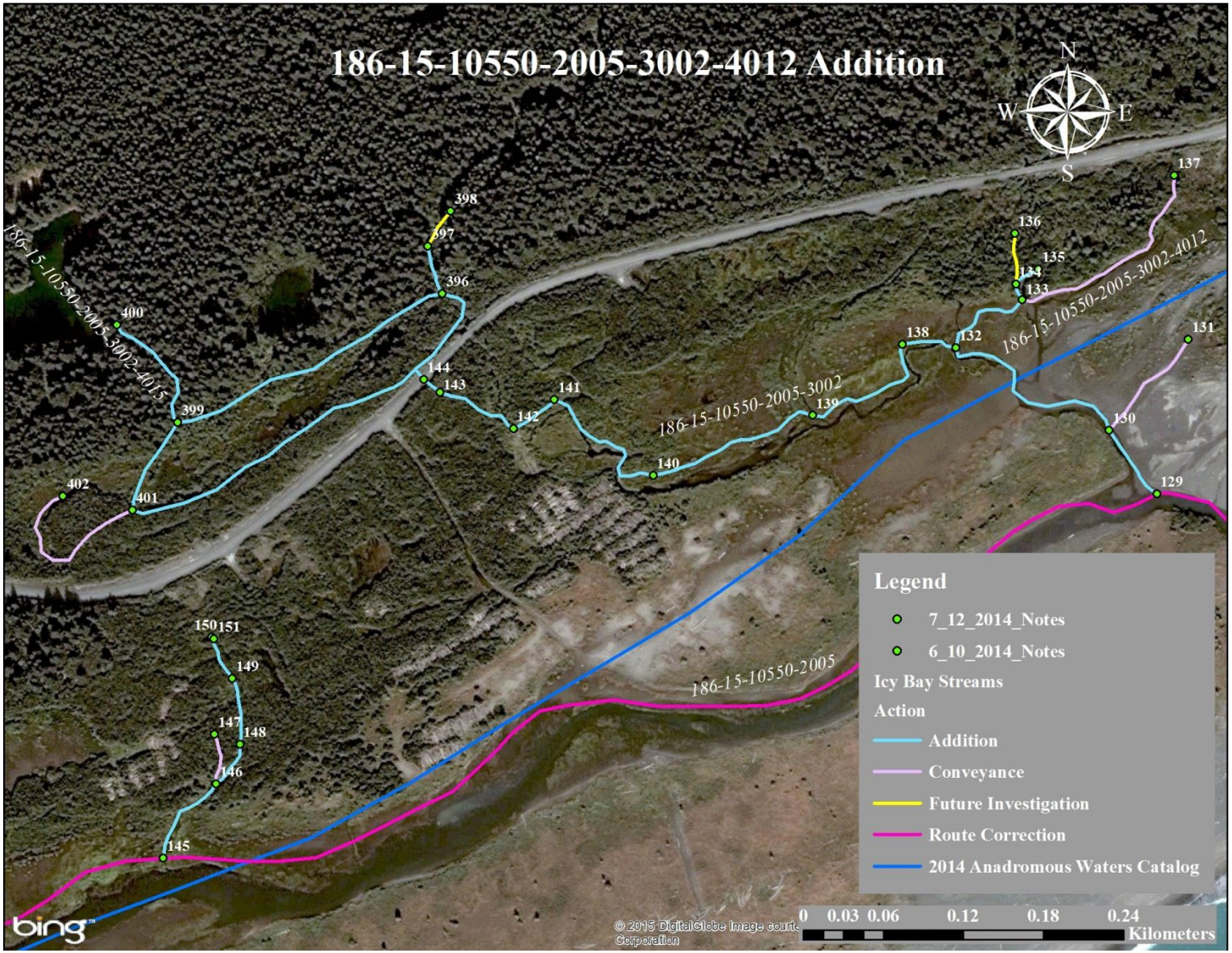

Figure 2.–186-15-10550-2005-3002-4012 addition map.

Icy Bay

186-15-10550-2005-3002-4015 ADDITION

Water body name: **Survey date:** 7/12/2014
Water body number: 186-15-10550-2005-3002-4015 **Species & Lifestage:** COr
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: We surveyed stream number 186-15-10550-2005-3002-4015 using a GPS and handnet (Table 1). We were able to catch rearing coho salmon. This stream ends at the base of a 5 foot tall beaver dam. The dam is a fish barrier since stream is so small and no pools for fish to use to get around.
Recommendations: Add stream to AWC and rearing coho (Figure 1).
Nomination: 14-658

Table 1.–186-10550-2005-3002-4015 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
399	59.9847	-141.5344	Mouth of creek into beaver pond.		
400	59.9853	-141.5353	Beaver dam that fish can't pass. HN 3 CO below the dam.	HN	3 CO

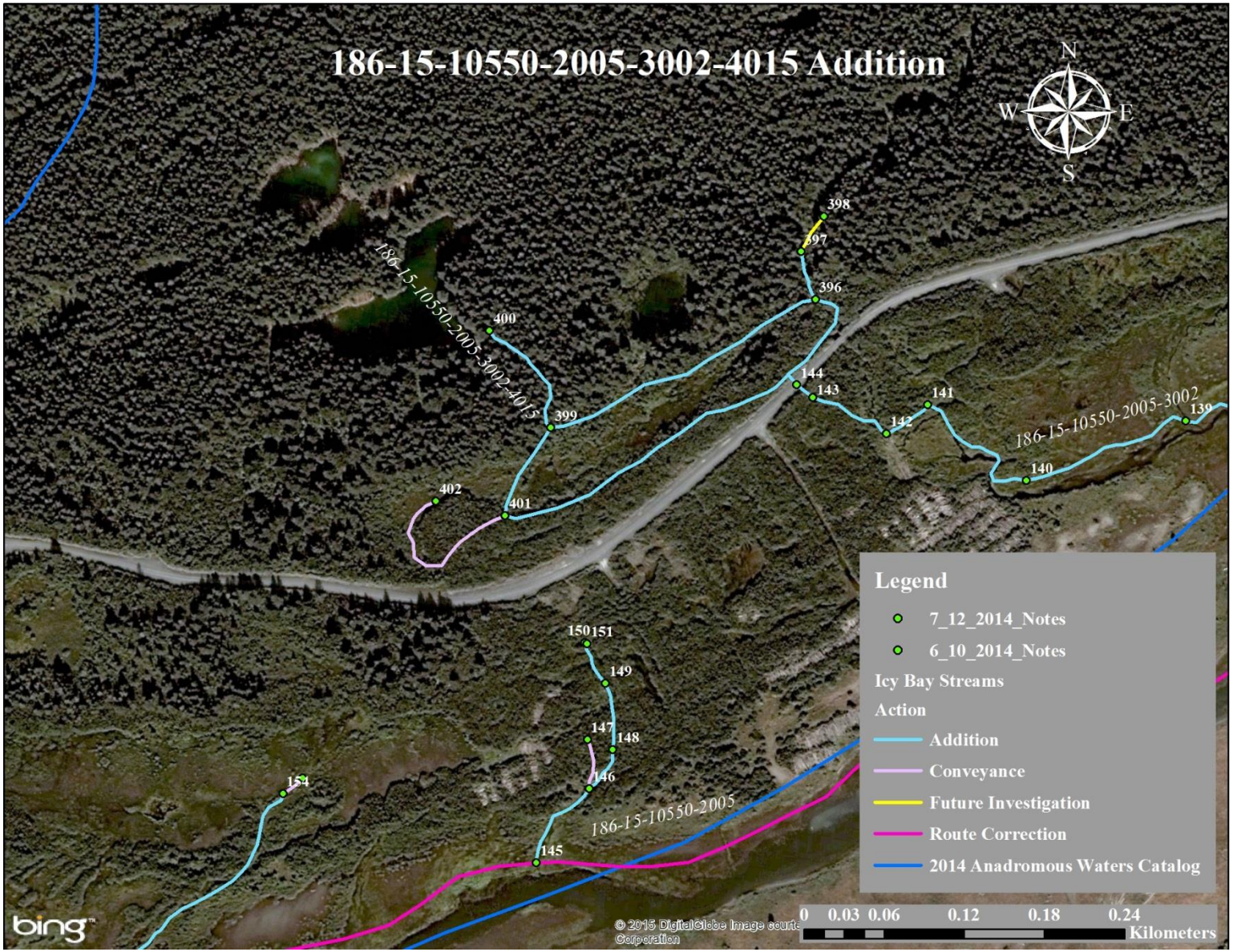

Figure 1.–186-15-10550-2005-3002-4015 addition map.

Icy Bay

186-15-10550-2005-3014 ADDITION

Water body name: **Survey date:** 6/10/2014
Water body number: 186-15-10550-2005-3014 **Species & Lifestage:** COr
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: We surveyed stream number 186-15-10550-2005-3014 using a GPS and handnet (Table 1). We were able to catch rearing coho salmon (Figure 1). This stream ends in an iron filled pool where water is seeping out of the ground.
Recommendations: Add stream to AWC and rearing coho (Figure 2).
Nomination: 14-659

Table 1.–186-15-10550-2005-3014 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
145	59.9818	-141.5339	Small tributary entering river left. Tracking at this time.		
146	59.9823	-141.5333	Possible side channel entering river left. Will come back to if not a side channel.	HN	3 CO
148	59.9826	-141.5330		HN	2 CO
149	59.9830	-141.5332		HN	4 CO
150	59.9833	-141.5336	Top of tributary. Ends in iron filled pool. The iron is really thick and water is just seeping out of ground.		
151	59.9833	-141.5336		HN	3 CO

Figure 1.–Captured rearing coho salmon.

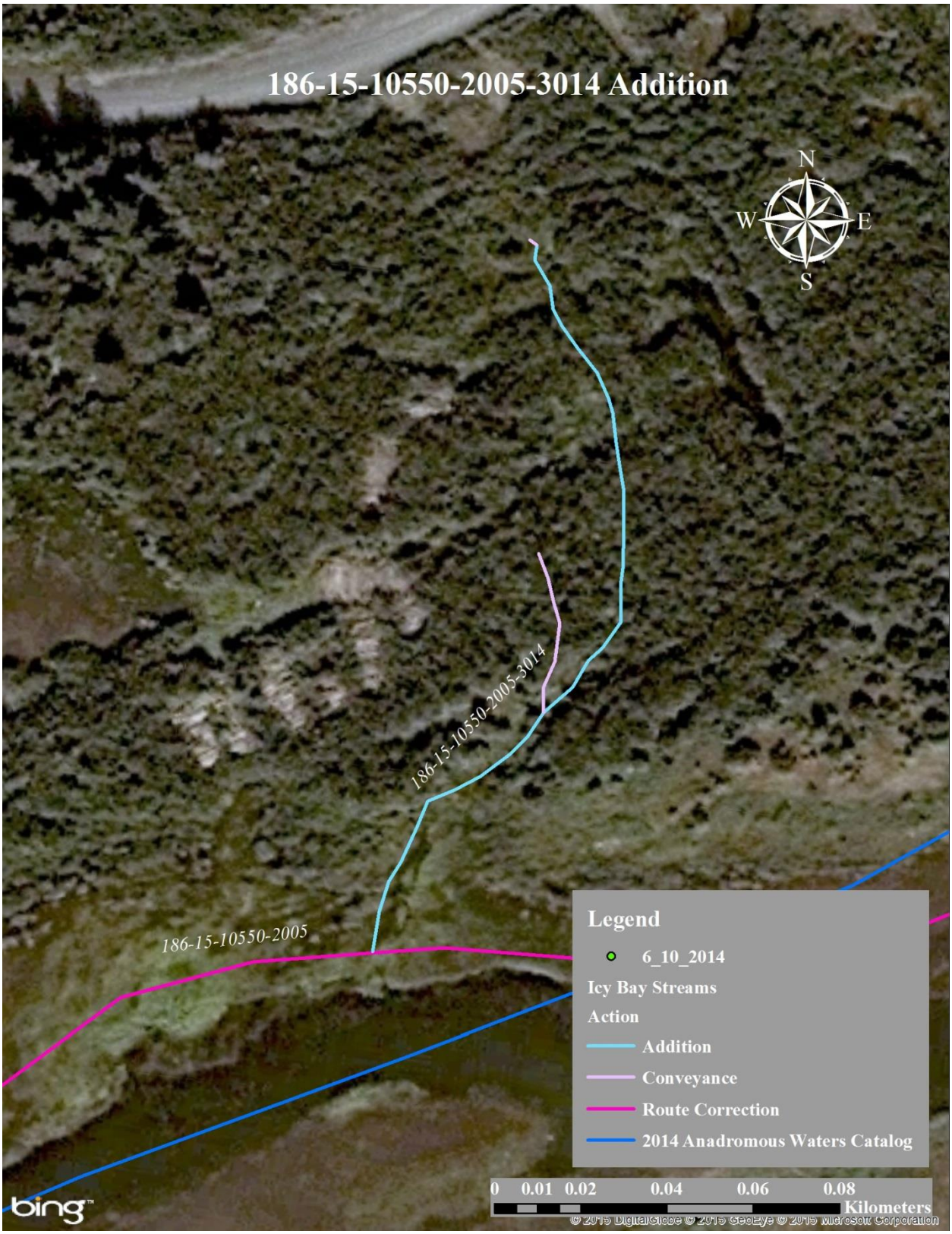

Figure 2.–186-15-10550-2005-3014 addition map.

Icy Bay

186-15-10550-2005-3020 ADDITION

Water body name: **Survey date:** 6/10/2014
Water body number: 186-15-10550-2005-3020 **Species & Lifestage:** COr
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: We surveyed stream number 186-15-10550-2005-3020 using a GPS and handnet (Table 1). We were able to catch rearing coho salmon (Figure 1). This stream ends were tributary spreads out in a marsh with no defined channel.
Recommendations: Add stream to AWC and rearing coho (Figure 2).
Nomination: 14-660

Table 1.–186-15-10550-2005-3020 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
152	59.9806	-141.5392	Tributary entering river left.		
153	59.9822	-141.5371	Top of tributary. Spreads out in a marsh. No defined channel.		
154	59.9820	-141.5374		HN	6 CO

Figure 1.–Captured rearing coho salmon.

Figure 2.–186-15-10550-2005-3020 addition map.

Icy Bay

186-15-10550-2005-3022 ADDITION

Water body name: **Survey date:** 7/9/2014
Water body number: 186-15-10550-2005-3022 **Species & Lifestage:** COr
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: We surveyed stream number 186-15-10550-2005-3022 using a GPS and handnet (Table 1). We were able to catch rearing coho salmon (Figure 1). This stream goes through a marsh/pond before continuing to the headwater which is an abandoned beaver pond (Figure 2).
Recommendations: Add stream to AWC and rearing coho (Figure 3).
Nomination: 14-661

Table 1.–186-15-10550-2005-3022 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
155	59.9806	-141.5416	Tributary entering river left.		
156	59.9804	-141.5429	Tributary entering river left.		
237	59.9804	-141.5443	Water loses defined channel and spreads out towards lagoon.		
238	59.9799	-141.5453	Following a deep channel stream not much flow.		
239	59.9796	-141.5479	Stopping track. Not much of channel look at making polygon.		
240	59.9799	-141.5481	Following stream into trees from marsh.		
242	59.9797	-141.5498		HN	3 CO
243	59.9795	-141.5507	Tributary heading up. Near edge of marsh. Has a defined channel.		
246	59.9790	-141.5510	Stream entering marsh.		
247	59.9789	-141.5567	Stream goes into marsh pond. Going to walk around looking for inlet stream.	HN	3 CO
250	59.9800	-141.5561	Tributary entering pond.		
252	59.9796	-141.5566	Tributary entering.		
257	59.9790	-141.5577	Tributary entering.	HN	1 CO
258	59.9790	-141.5587	WPT#257 to here a branch to main water to pond.		
259	59.9790	-141.5606	Tributary entering river right.	HN	3 CO
263	59.9794	-141.5616	Abandoned beaver dam. Fish are able to pass dam.	VI	5 CO
264	59.9796	-141.5618	Tributary entering.		
265	59.9796	-141.5621	Water seeping out of hillside.		
266	59.9796	-141.5622	Another hillside seep.	HN	4 CO

Table 1.–Continued.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
267	59.9789	-141.5643	Water seeping from hillside.	HN	2 CO
268	59.9792	-141.5638	Connect with WPT#263.		
269	59.9788	-141.5574	Where stream enters pond connect with WPT#259.		
270	59.9782	-141.5570	Tributary entering.		

Figure 1.–Couple of rearing coho salmon that were handnetted.

Figure 2.–Pond at the top of stream.

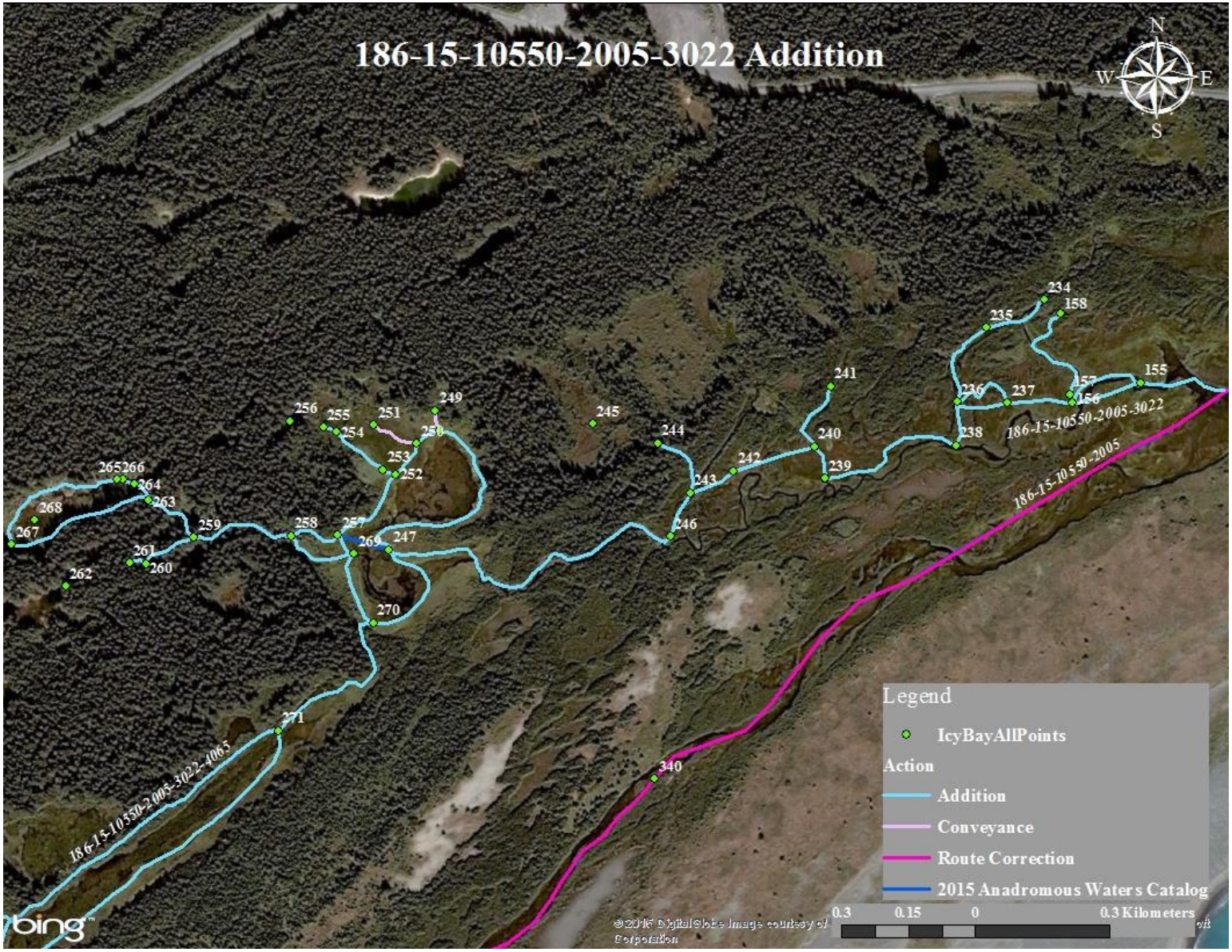

Figure 3.–186-15-10550-2005-3022 addition map.

Icy Bay

Icy Bay

186-15-10550-2005-3022-4010 ADDITION

Water body name: **Survey date:** 6/10/2014
Water body number: 186-15-10550-2005-3022-4010 **Species & Lifestage:** COr
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: We surveyed stream number 186-15-10550-2005-3022-4010 using a GPS and handnet (Table 1). We were able to catch rearing coho salmon (Figure 1). This stream is influenced by how much water is in marsh and ends at the base of an abandoned beaver dam near the marsh and forest border.
Recommendations: Add stream to AWC and rearing coho (Figure 2).
Nomination: 14-664

Table 1.–186-15-10550-2005-3022-4010 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
155	59.9806	-141.5416	Tributary entering river left.		
156	59.9804	-141.5429	Tributary entering river left.		
157	59.9805	-141.5430	Tributary entering river left.		
158	59.9813	-141.5432	Calling it here. Near an abandoned beaver dam.	HN	3 CO

Figure 1.–Captured rearing coho salmon.

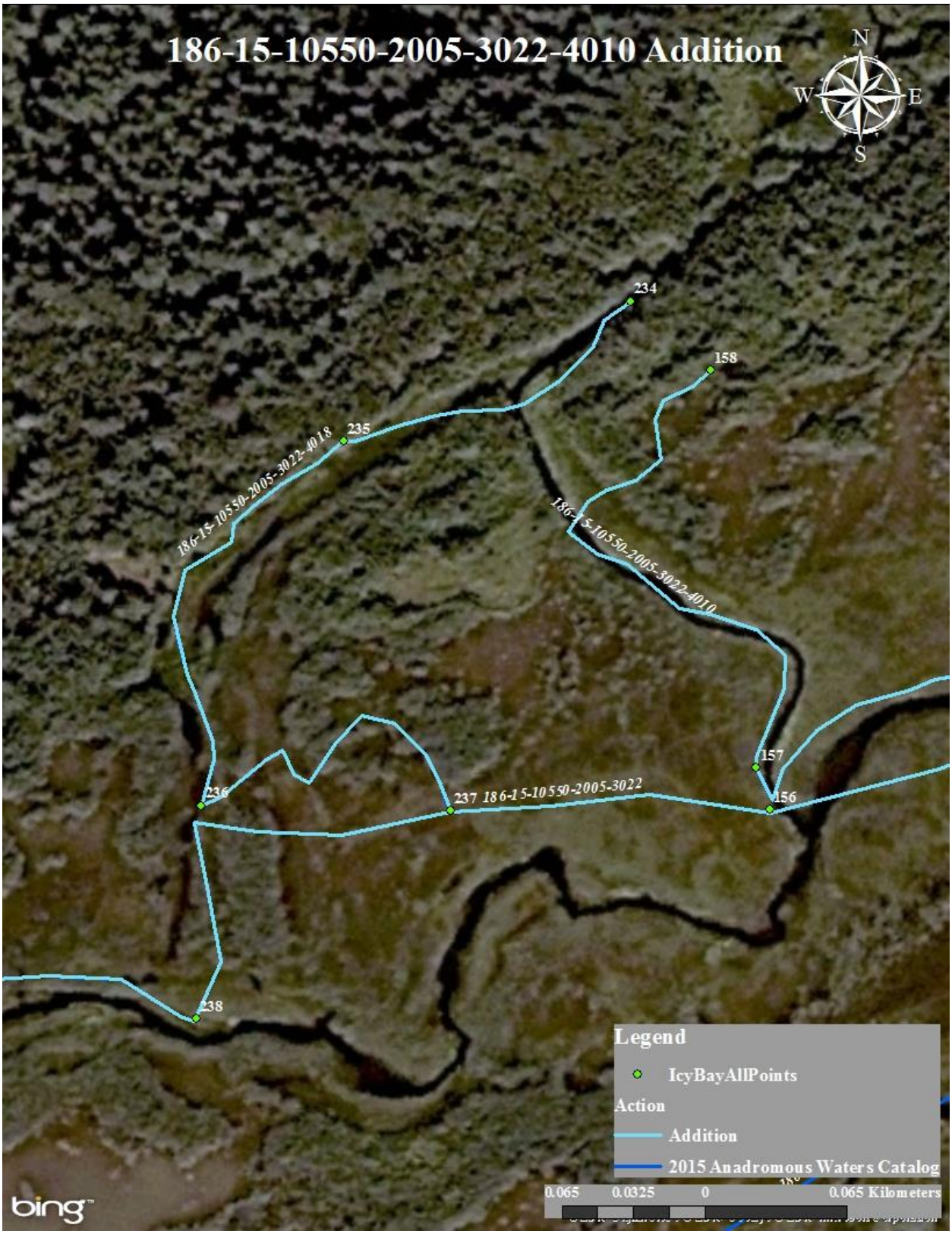

Figure 2.–186-10-10550-2005-3022-4010 addition map.

Icy Bay

186-15-10550-2005-3022-4018 ADDITION

Water body name: **Survey date:** 7/9/2014
Water body number: 186-15-10550-2005-3022-4018 **Species & Lifestage:** COr
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: We surveyed a stream number 186-15-10550-2005-3022-4018 using a GPS and handnet (Table 1). We were able to catch rearing coho salmon. The water is from conveyance streams behind an abandoned beaver dam. This stream flows through a hole in beaver dam and into the marsh.
Recommendations: Add stream to AWC and rearing coho (Figure 1).
Nomination: 14-665

Table 1.–186-15-10550-2005-3022-4018 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
234	59.9814	-141.5435	Beaver pond on the other side of old dam from WPT#158 the water is not high enough to flow towards WPT 158. Going to track down looking for how CO got in.	HN	6 CO
235	59.9811	-141.5447	Where some water seeps through dam. VL on CO on downstream side.		
236	59.9804	-141.5453	Water breaks off into several channels that head back in direction of dam.		
237	59.9804	-141.5443	Water loses defined channel and spreads out towards lagoon.		

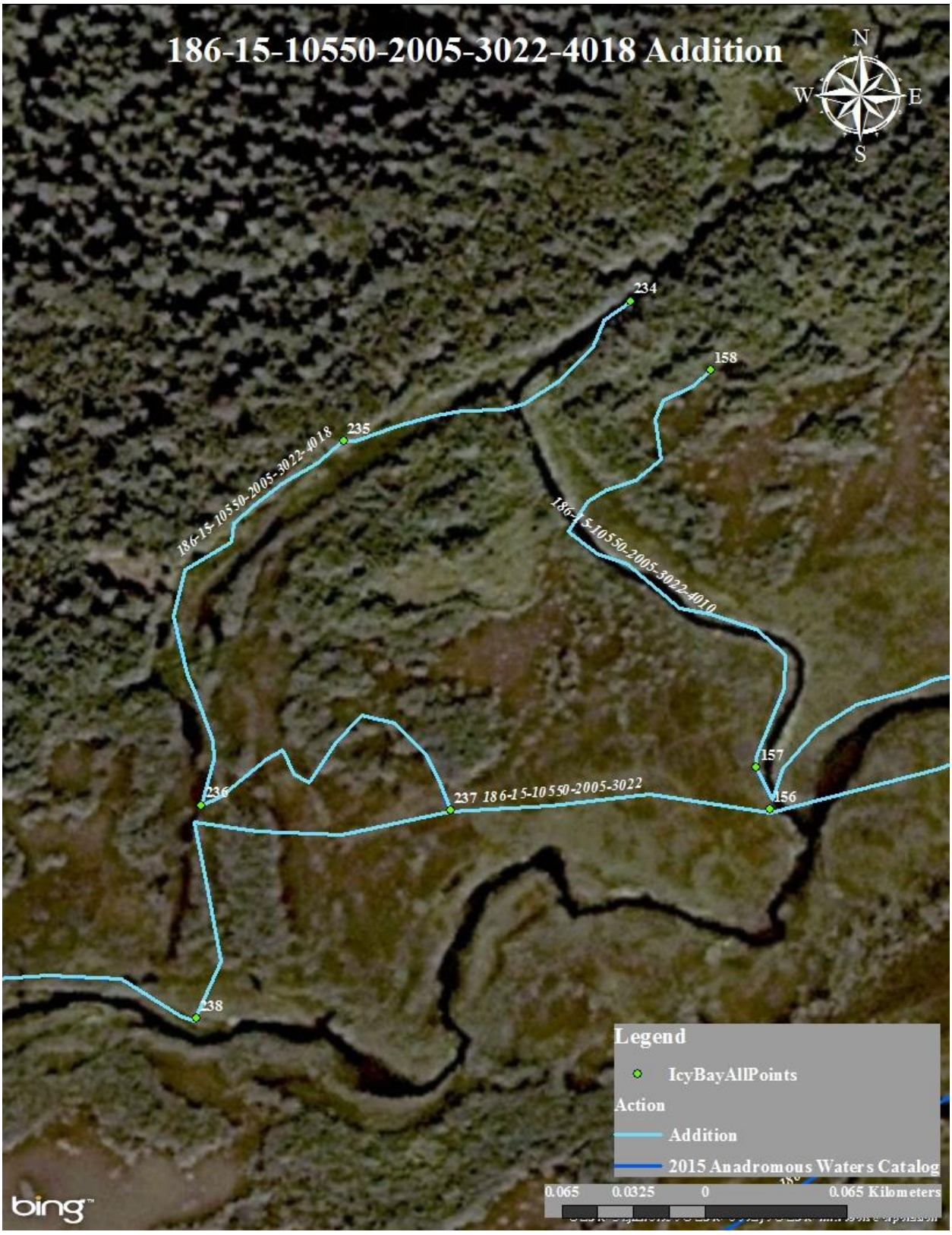

Figure 1.–186-15-10550-2005-3022-4018 addition map.

Icy Bay

186-15-10550-2005-3022-4030 ADDITION

Water body name: **Survey date:** 7/9/2014
Water body number: 186-15-10550-2005-4030 **Species & Lifestage:** COr
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: We surveyed stream number 186-15-10550-3022-4030 using a GPS and handnet (Table 1). We were able to catch rearing coho salmon. The water seeps out of the ground and flowing into marsh.
Recommendations: Add stream to AWC and rearing coho (Figure 1).
Nomination: 14-666

Table 1.–186-15-10550-2005-3022-4030 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
240	59.9799	-141.5481	Following stream into trees from marsh.		
241	59.9805	-141.5478	Top of tributary just ends at the edge of transition from marsh to forest.	HN	2 CO

Figure 1.–186-15-10550-2005-3040 addition map.

Icy Bay

186-15-10550-2005-3022-4038 ADDITION

Water body name: **Survey date:** 7/9/2014
Water body number: 186-15-10550-2005-3022-4038 **Species & Lifestage:** COr
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: We surveyed stream number 186-15-10550-2005-3022-4038 using a GPS and handnet (Table 1). We were able to catch rearing coho salmon (Figure 1). This is a beautiful clear water tributary. There were very few fish within the stream and at the headwater there is a 3 foot falls in the middle of a meadow (Figure 2).
Recommendations: Add stream to AWC and rearing coho (Figure 3).
Nomination: 14-667

Table 1.–186-15-10550-2005-3022-4038 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
243	59.9795	-141.5507	Tributary heading up. Near edge of marsh. Has a defined channel.		
244	59.9800	-141.5513		HN	2 CO
245	59.9802	-141.5526	Top of tributary has a 3 foot fall.		

Figure 1.–Couple of captured rearing coho salmon.

Figure 2.–Fish barrier.

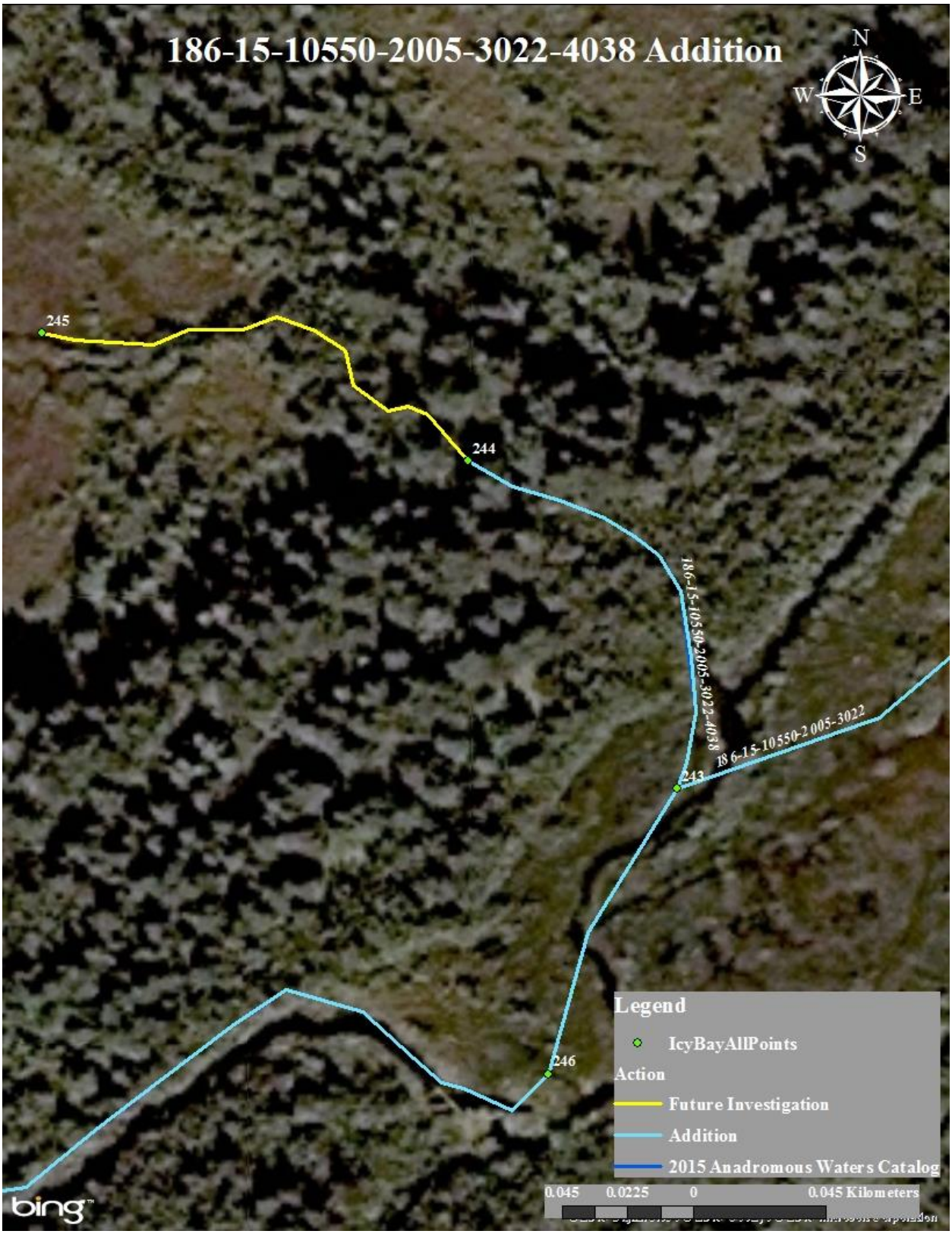

Figure 3.–186-15-10550-2005-3022-4038 addition map.

Icy Bay

186-15-10550-2005-3022-4068 ADDITION

Water body name: **Survey date:** 7/9/2014
Water body number: 186-15-10550-2005-3022-4068 **Species & Lifestage:** COr
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: We surveyed stream number 186-15-10550-2005-3022-4068 using a GPS and handnet (Table 1). We were able to catch rearing coho salmon and Dolly Varden char. The water is seeping out of the ground half way up a hillside.
Recommendations: Add stream to AWC and rearing coho (Figure 1).
Nomination: 14-668

Table 1.–186-15-10550-2005-3022-4068 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
252	59.9796	-141.5566	Tributary entering.		
253	59.9797	-141.5568		HN	2 CO
254	59.9801	-141.5578		HN	1 DV
255	59.9801	-141.5580		HN	2 CO
256	59.9802	-141.5587	End of tributary. Water is just coming out of the hillside.	HN	1 DV

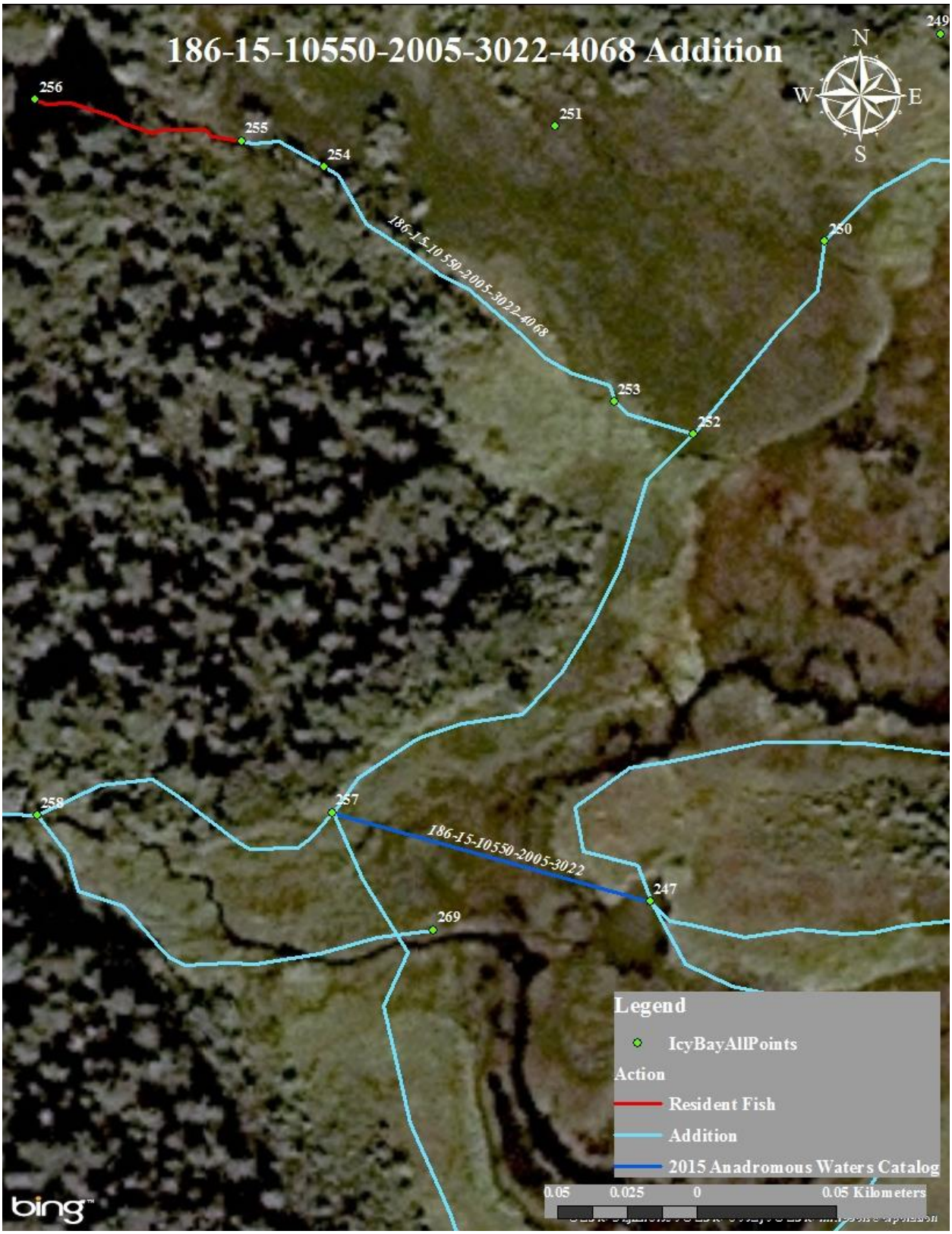

Figure 1.–186-15-10550-2005-3022-4068 addition map.

Icy Bay

186-15-10550-2005-3022-4077 ADDITION

Water body name: **Survey date:** 7/9/2014
Water body number: 186-15-10550-2005-3022-4077 **Species & Lifestage:** COr
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: We surveyed stream number 186-15-10550-2005-3022-4077 using a GPS and handnet (Table 1). We were able to catch and visually identify rearing coho salmon. The water is coming out of an abandoned beaver pond. The beaver dam at the pond outlet is a barrier to fish passage. The water is not flowing over dam, but filtering through beaver dam.
Recommendations: Add stream to AWC and rearing coho (Figure 1).
Nomination: 14-669

Table 1.–186-15-10550-2005-3022-4077 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
259	59.9790	-141.5606	Tributary entering river right.	HN	3 CO
260	59.9787	-141.5616		HN	3 CO
261	59.9788	-141.5619		VI	2 CO
262	59.9785	-141.5632	Water coming out of a large pond. Looks to be an abandoned beaver pond. Beaver dam looks to be a barrier, water flowing on top then filtering through to ground.		

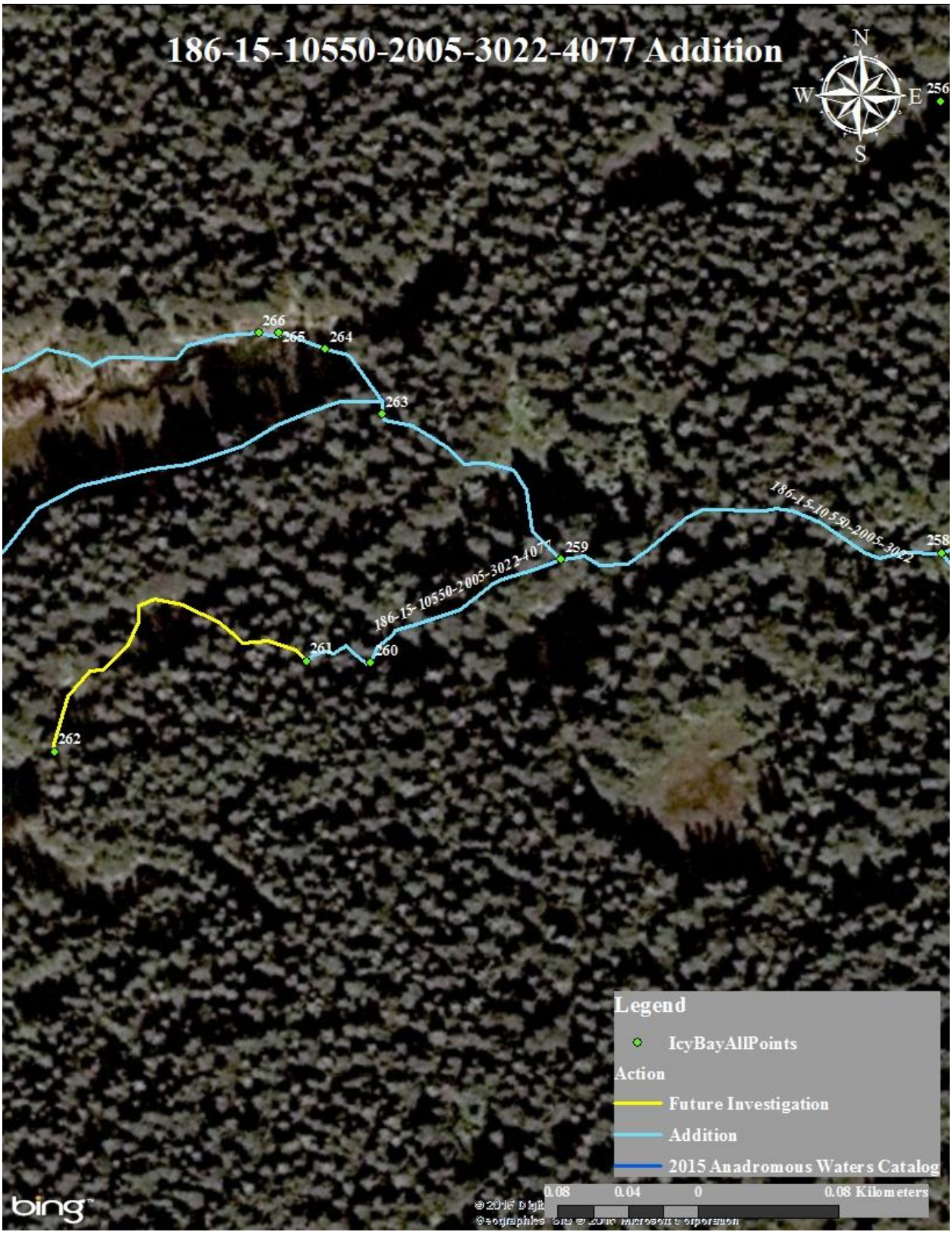

Figure 1.–186-15-10550-2005-3022-4077 addition map.

Icy Bay

186-15-10550-2005-3022-4065 ADDITION

Water body name: **Survey date:** 7/9/2014
Water body number: 186-15-10550-2005-4065 **Species & Lifestage:** COr
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: We surveyed stream number 186-15-10550-2005-3022-4065 using a GPS and handnet (Table 1). We were able to catch rearing coho salmon (Figure 1). The stream goes through two marsh/ponds before becoming a stream channel and ending in marsh/pond.
Recommendations: Add stream to AWC and rearing coho (Figure 2).
Nomination: 14-670

Table 1.–186-15-10550-2005-3022-4065 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
270	59.9782	-141.5570	Tributary entering.		
271	59.9771	-141.5589	Goes into large marsh pond. VI on many CO.		
272	59.9748	-141.5646	Top of large marsh pond. Outlet of upper pond.	HN	3 CO
273	59.9752	-141.5649	Top of upper pond. Also have tributary entering here.	HN	4 CO
274	59.9749	-141.5668	Tributary empting a pond, looks like old beaver work. It may be hard for fish to get into pond.	HN	2 CO
275	59.9749	-141.5670	Top of pond. VI on unknown fish.		
276	59.9751	-141.5678			
277	59.9754	-141.5694			

Figure 1.–A fat rearing coho salmon.

Figure 2.–186-15-10550-2005-3022-4065 addition map.

Icy Bay

186-15-10550-2005-3040-4020 ADDITION

Water body name: **Survey date:** 7/9/2014
Water body number: 186-15-10550-2005-3040-4020 **Species & Lifestage:** COr
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: We surveyed stream number 186-15-10550-2005-3040-4020 using a GPS and handnet (Table 1). We were able to catch and visually identify rearing coho salmon. This stream flows through several large lakes created by beavers (Figure 1). Above the last large lake the stream becomes beautiful and has good spawning gravel (Figure 2). The headwater of the stream is water seeping out of a hillside.
Recommendations: Add stream to AWC and rearing coho (Figure 3).
Nomination: 14-671

Table 1.–186-15-10550-2005-3040-4020 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
280	59.9692	-141.5764	Tributary entering river left.	VI	10 CO
281	59.9703	-141.5768	Old beaver dam, easy fish pass. VIon CO above dam		
282	59.9706	-141.5778	Outlet of a lake.		
283	59.9716	-141.5778		HN	2 CO
284	59.9720	-141.5761	Inlet stream	HN	3 CO
285	59.9728	-141.5744	Tributary entering river left.		
286	59.9728	-141.5743	Tributary entering river left.		
287	59.9729	-141.5742	Another large lake, beaver dam		
288	59.9740	-141.5744	Inlet stream, has small dame on it.	HN	2 CO
289	59.9746	-141.5739	Tributary entering river right, providing half of flow.		
290	59.9753	-141.5738			
291	59.9760	-141.5743	Tributary entering river right, providing half of flow.	HN	3 CO
292	59.9765	-141.5751	Top of main, water coming out of hillside.		
293	59.9766	-141.5750	Top of stream. Water is just seeping out of a hillside.		
294	59.9766	-141.5756		HN	2 CO
295	59.9767	-141.5765			

Figure 1.–First large lake created by beavers.

Figure 2.–Tess Quinn walking upstream above last large beaver lake.

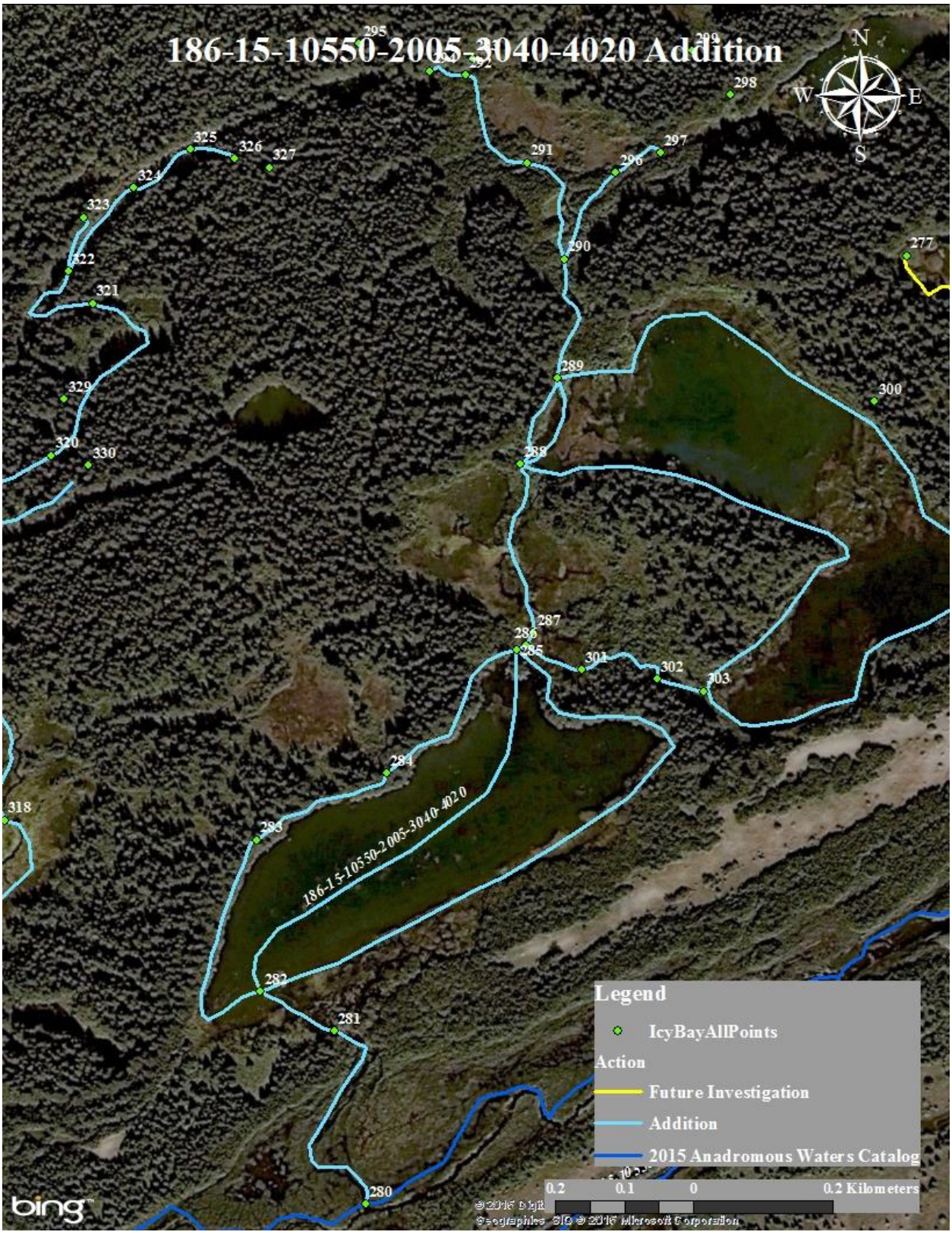

Figure 3.–186-15-10550-2005-3040-3040-4020 addition map.

Icy Bay

Icy Bay

186-15-10550-2005-3040-4020-5050 ADDITION

Water body name: **Survey date:** 7/9/2014
Water body number: 186-15-10550-2005-3040-4020-5050 **Species & Lifestage:** COr
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: We surveyed this stream using a GPS and handnet (Table 1). We were able to catch rearing coho salmon. This tributary was providing half of the flow to the main tributary. Water was coming out of a beaver pond, but due to the beaver dam fish passage is not possible.
Recommendations: Add stream to AWC and rearing coho (Figure 1).
Nomination: 14-672

Table 1.–186-15-10550-2005-3040-4020-5050 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
290	59.9753	-141.5738	Tributary entering river right, providing half of flow.		
296	59.9759	-141.5732		HN	3 CO
297	59.9760	-141.5726	Beaver dam, don't think fish can pass dam. HN 2 CO below the dam.	HN	2 CO

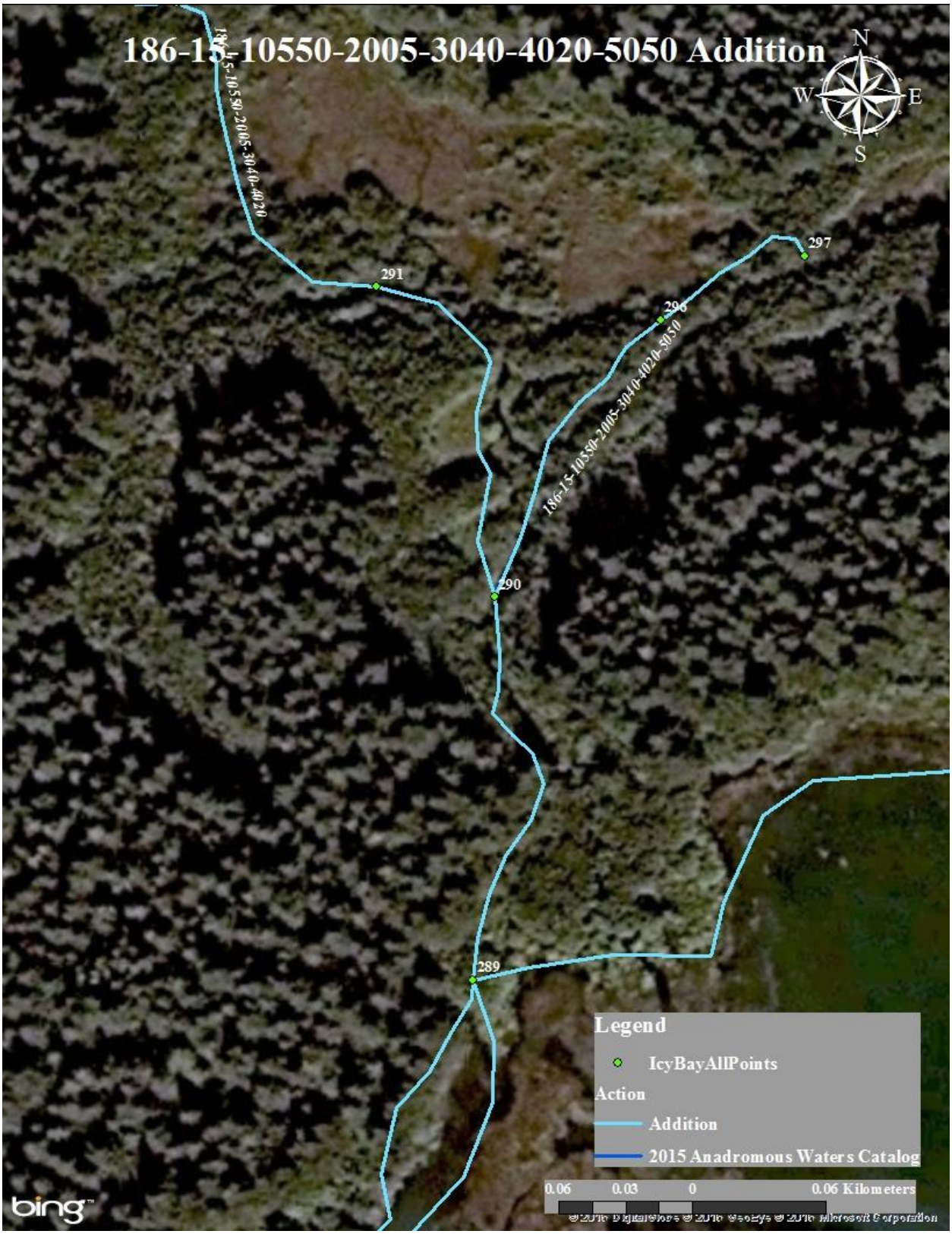

Figure 1.–186-15-10550-2005-3040-5050 addition map.

Icy Bay

186-15-10550-2005-3040-4040-5050 ADDITION

Water body name: **Survey date:** 7/10/2014
Water body number: 186-15-10500-2005-3040-4040-5050 **Species & Lifestage:** COr
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: We surveyed this stream using a GPS and handnet (Table 1). We were able to catch and visually identify rearing coho salmon (Figure 1). The water flows through several marshy areas and ends with water seeping out of the ground (Figure 2).
Recommendations: Add stream to AWC and rearing coho (Figure 3).
Nomination: 14-673

Table 1.–186-15-10550-2005-3040-4040-5050 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
318	59.9717	-141.5811	Tributary entering marsh/pond.		
319	59.9738	-141.5814		HN	3 CO
320	59.9741	-141.5805		VI	8 CO
321	59.9751	-141.5799		VI	3 CO
322	59.9753	-141.5803	Tributary entering river right.	HN	5 CO
324	59.9758	-141.5794	Outlet of marsh pond.		
325	59.9760	-141.5787	Have left marsh pond.	VI	4 CO
326	59.9760	-141.5781	Water level decreasing rapidly.	HN	2 CO
327	59.9759	-141.5776	Top of tributary. Water ends by seeping out of the ground. This area highly fed by ground water.		

Figure 1.–Rearing coho salmon.

Figure 2.–The headwater of the tributary.

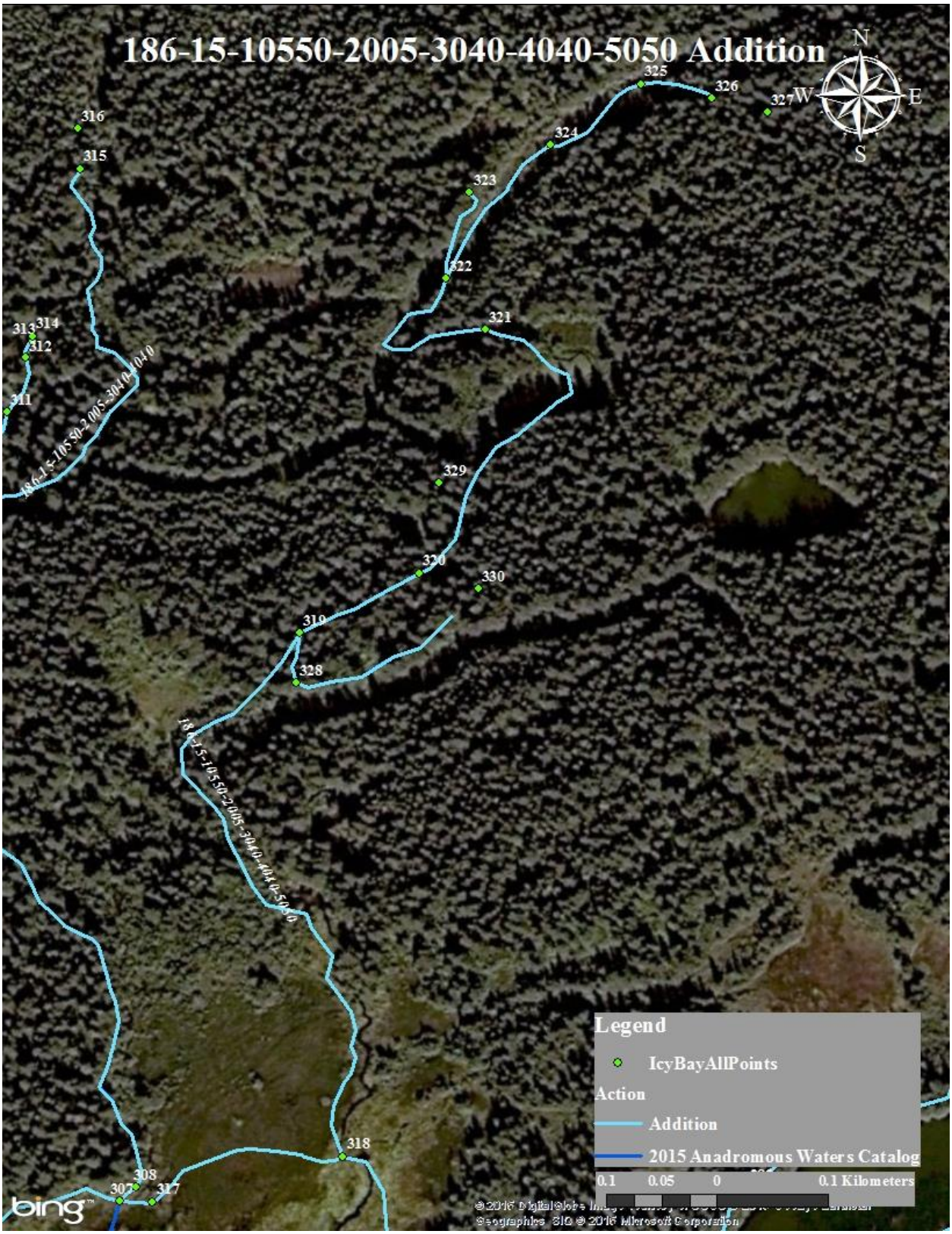

Figure 3.–186-15-10550-2005-3040-4040-5050 addition map.

Icy Bay

186-15-10550-2005-3040-4040-5050-6030 ADDITION

Water body name: **Survey date:** 7/10/2014
Water body number: 186-10-10500-2005-3040-4040-5050-6030 **Species & Lifestage:** COr
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: We surveyed stream number 186-15-10550-2005-3040-4040-5050-6030 using a GPS and handnet (Table 1). We were able to catch rearing coho salmon. The water is for the most part stagnate and low connectivity when low rainfall. The stream ended in a mossy seep.
Recommendations: Add stream to AWC and rearing coho (Figure 1).
Nomination: 14-674

Table 1.–186-15-10550-2005-3040-4040-5050-6030 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
319	59.9738	-141.5814		HN	3 CO
328	59.9736	-141.5815	Stream, connect with WPT#319.		
329	59.9744	-141.5803	WPT is off.	HN	3 CO
330	59.9740	-141.5800	Top of tributary. Ends in a mossy seep.		

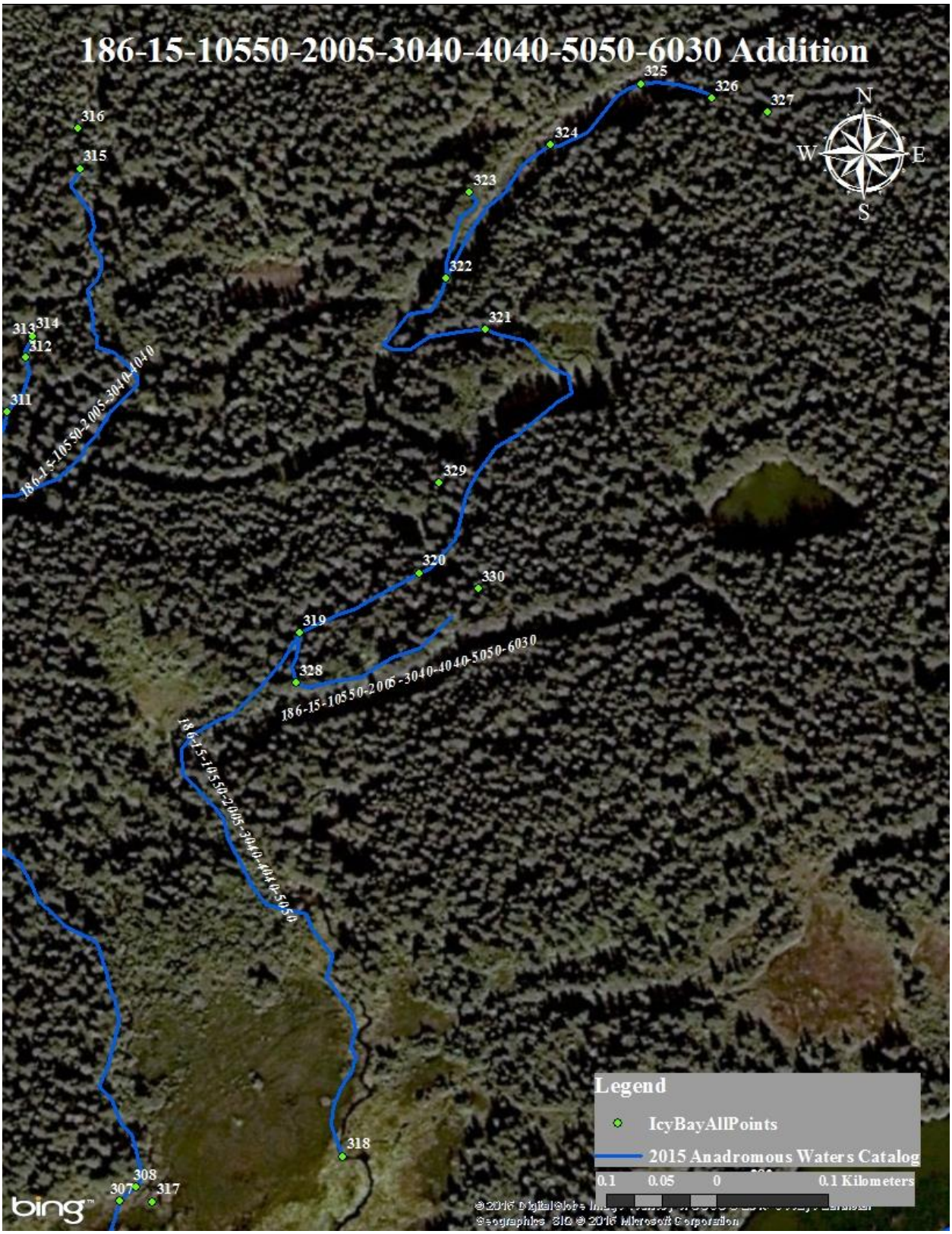

Figure 1.–186-15-10550-2005-3040-4040-5050-6030 addition map.

Icy Bay

186-15-10550-2005-3040-4040-5050-6051 ADDITION

Water body name: **Survey date:** 7/10/2014
Water body number: 186-15-10550-2005-3040-4040-5050-6051 **Species & Lifestage:** COr
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: We surveyed stream number 186-15-10550-2005-3040-4040-5050-6051 using a GPS and handnet (Table 1). We were able to catch rearing coho salmon. This is a very small channeled stream that ends where water is seeping out of the ground.
Recommendations: Add stream to AWC and add rearing coho (Figure 1).
Nomination: Accepted

Table 1.–186-15-10550-2005-3040-4040-5050-6051 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
322	59.9753	-141.5803	Tributary entering river right.	HN	5 CO
323	59.9756	-141.5801	This marsh is fed by water seeping out of the ground.	HN	3 CO

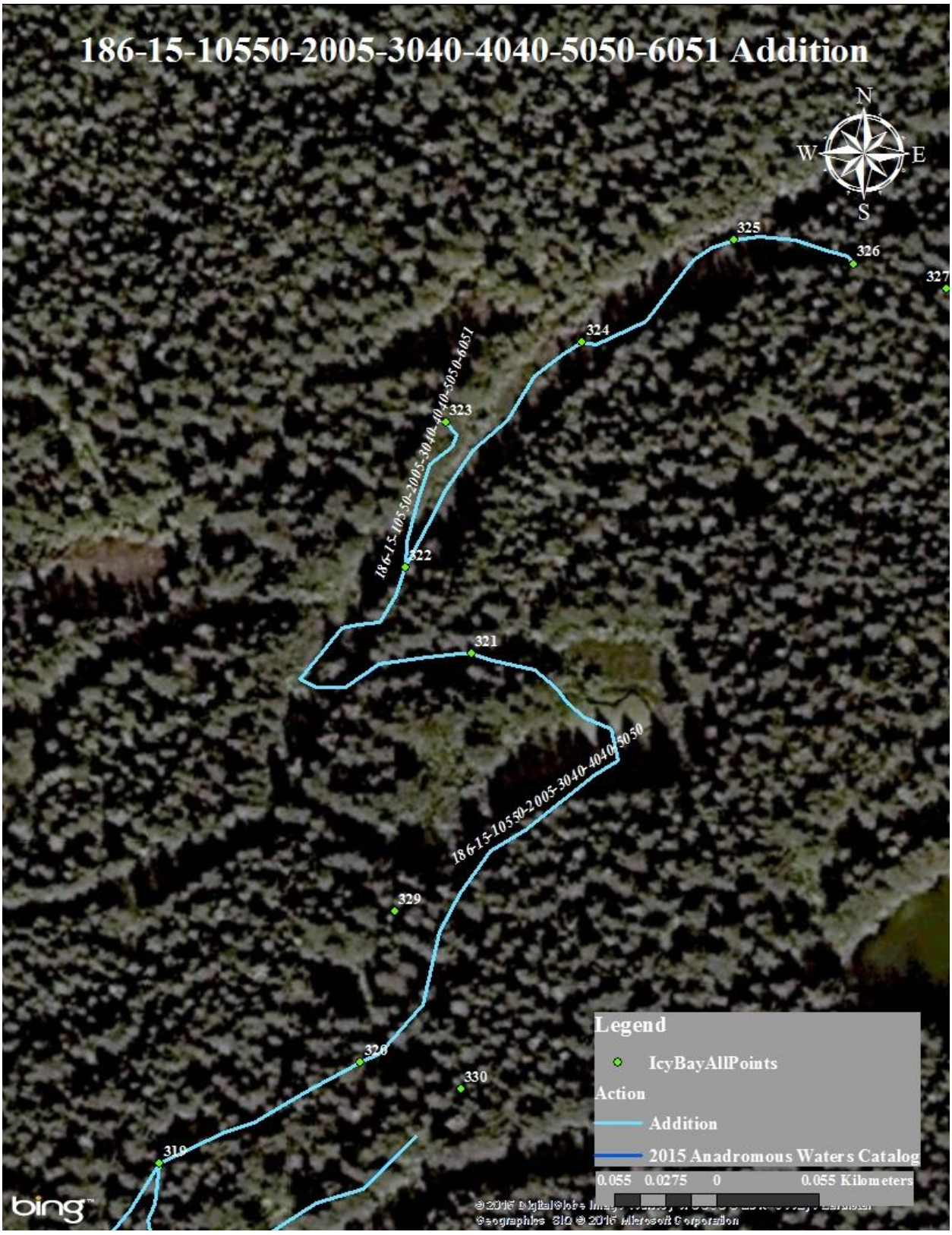

Figure 1.–186-15-10550-2005-3040-4040-5050-6051 addition map.

Icy Bay

186-15-10550-2005-3040-4040 ADDITION

Water body name: **Survey date:** 7/10/2014
Water body number: 186-15-10550-2005-3040-4040 **Species & Lifestage:** COr
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: We surveyed stream number 186-15-10550-2005-3040-4040 using a GPS and handnet (Table 1). We were able to catch and visually identify rearing coho salmon (Figure 1). Stream had very good flows and gravel, but as we continued upstream it became pools and then a dry stream bed. The dry stream bed continued beyond where water was seeping out of the gravel.
Recommendations: Add stream to AWC and rearing coho (Figure 2).
Nomination: 14-676

Table 1.–186-15-10550-2005-3040-4040 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
305	59.9693	-141.5841	Goes into a marsh pond. Also possible tributary.		
306	59.9705	-141.5835	Goes into a marsh/pond, going to circle around from this point.		
307	59.9715	-141.5829	Tributary entering.	HN	3 CO
308	59.9716	-141.5828	Water splits here going river left.		
309	59.9732	-141.5849		VI	8 CO
310	59.9745	-141.5842	Tributary entering river right.	HN	3 CO
315	59.9757	-141.5832	Water level is decreasing.	HN, VI	3, 6 CO
316	59.9759	-141.5832	The water ends here. After WPT#315 stream became dry streambed with pools. This point was taken at the last pool. There is a nice stream bed that continues, but is dry.		
317	59.9715	-141.5826	Side channel enters marsh/pond. Circling.		

Figure 1.–Captured rearing coho salmon.

Icy Bay

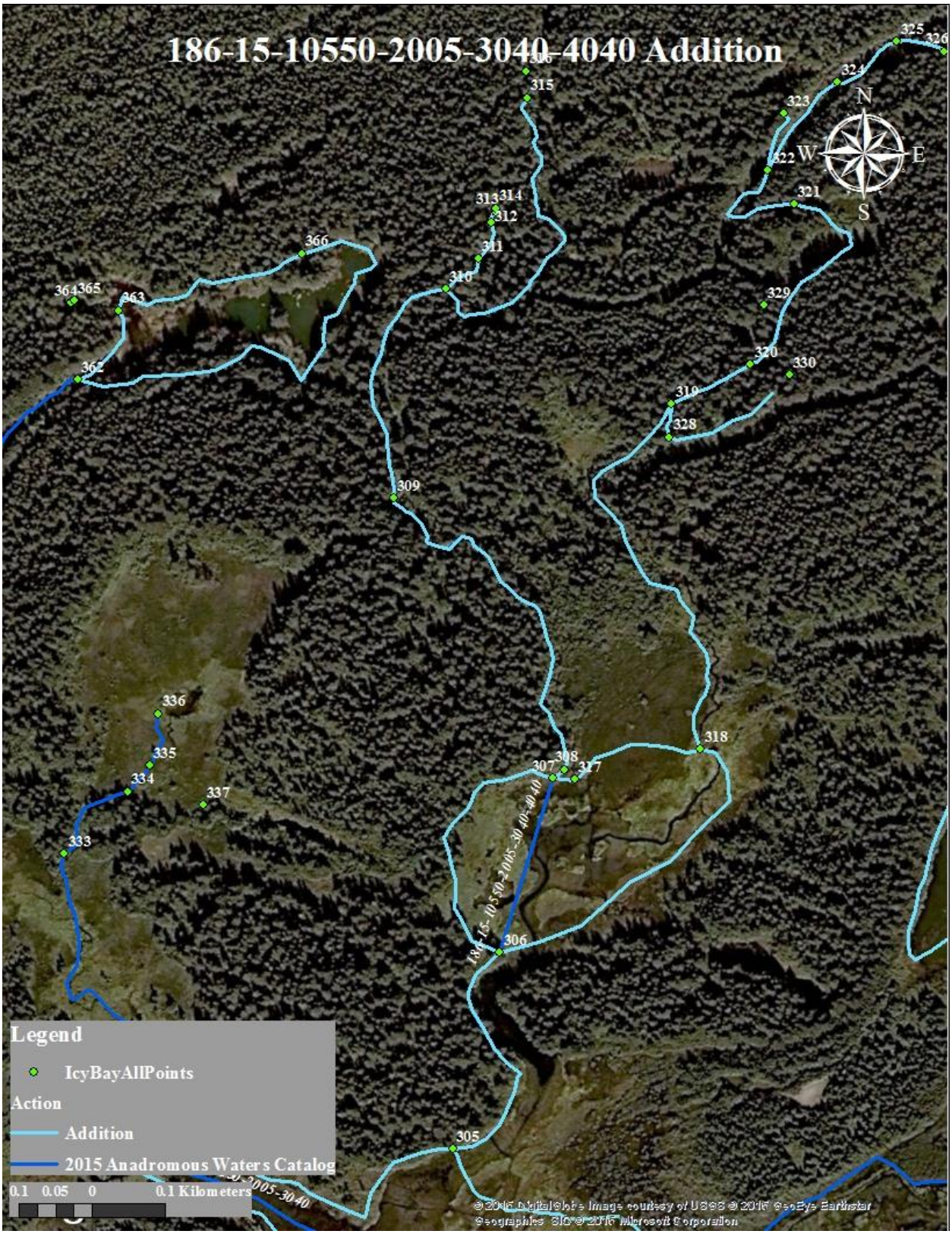

Figure 2.–186-15-10550-2005-3040-4040 addition map.

186-15-10550-2005-3040-4040-5201 ADDITION

Water body name: **Survey date:** 7/10/2014
Water body number: 186-15-10550-2005-3040-4040-5201 **Species & Lifestage:** COr
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: We surveyed stream number 186-15-10550-2005-3040-4040-5201 using a GPS and handnet (Table 1). We were able to catch rearing coho salmon (Figure 1). The stream had good flow that slowly decreased as we continued upstream. The headwater was in a small bowl where water was seeping out of ground (Figure 2).
Recommendations: Add stream to AWC and rearing coho (Figure 3).
Nomination: 14-677

Table 1.–186-15-10550-2005-3040-4040-5201 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
310	59.9745	-141.5842	Tributary entering river right.	HN	3 CO
311	59.9747	-141.5838		HN	1 CO
312	59.9749	-141.5837	Losing flow.	HN	1 CO
313	59.9750	-141.5836		HN	2 CO
314	59.9750	-141.5836	Top of tributary. Ends in a small bowl where water is seeping out of the ground.		

Figure 1.–Two captured rearing coho salmon.

Figure 2.–Headwaters of tributary.

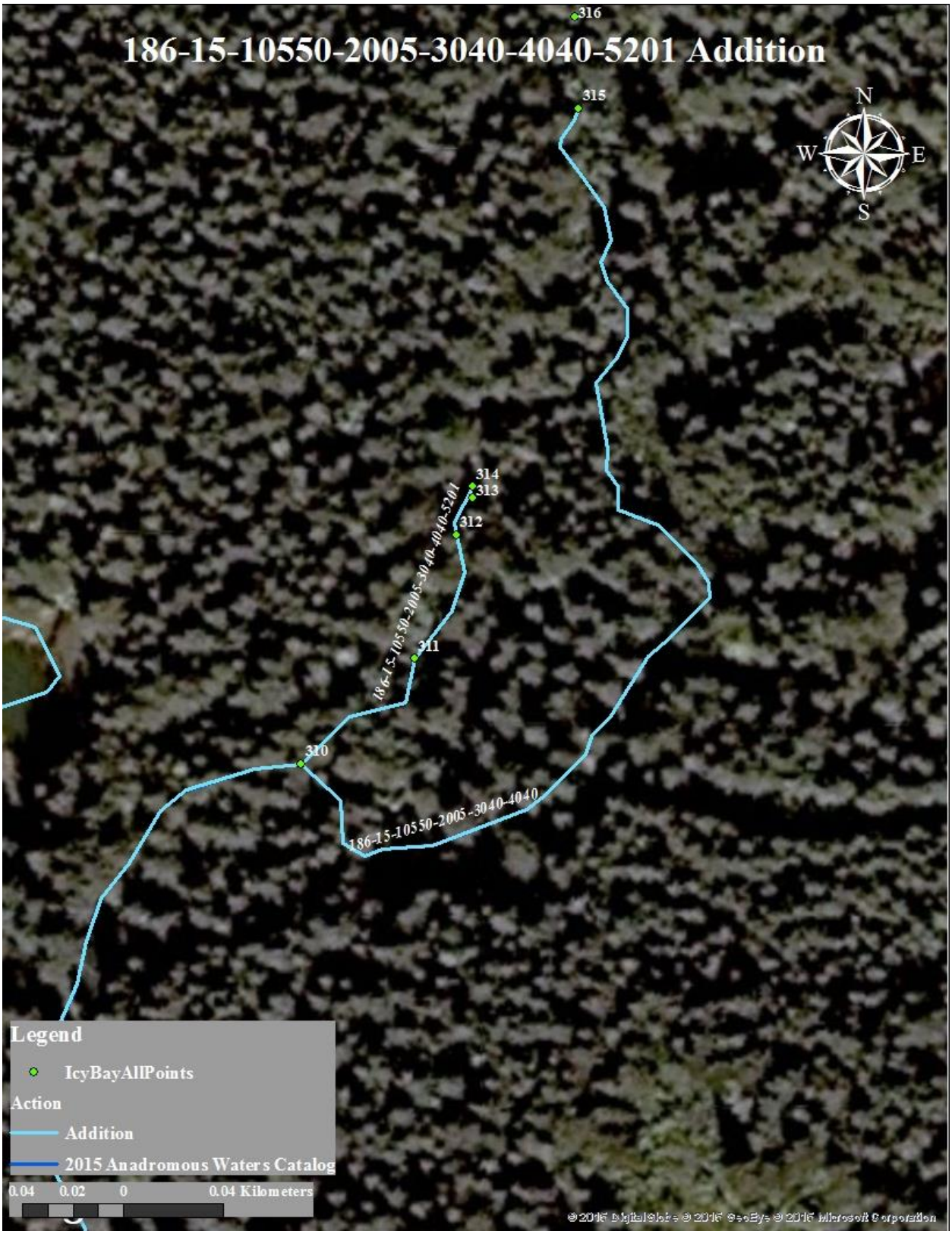

Figure 3.– 186-15-10550-2005-3040-4040-5201 addition map.

Icy Bay

186-15-10550-2005-3040-4020-5030 ADDITION

Water body name: **Survey date:** 7/10/2014
Water body number: 186-15-10550-2005-3040-4020-5030 **Species & Lifestage:** COr
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: Surveyed this stream thinking it was a new stream, but is an overflow site for a large beaver pond (Table 1). The beaver pond was nominated as part of 186-15-10550-2005-3040-4020. This stream's waters level will likely be highly influence by the water level in beaver pond. The rearing coho that we captured were large and fat.
Recommendations: Add stream to AWC and rearing coho salmon (Figure 1).
Nomination: 14-678

Table 1.–186-15-10550-2005-3040-4020-5030 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
286	59.9728	-141.5743	Tributary entering river left.		
301	59.9727	-141.5736	Connect with WPT#286.	HN	4 CO
302	59.9726	-141.5726		HN	2 CO
303	59.9725	-141.5720	Creek coming from large lake. Which is beaver pond from WPT#288.	HN	3 CO

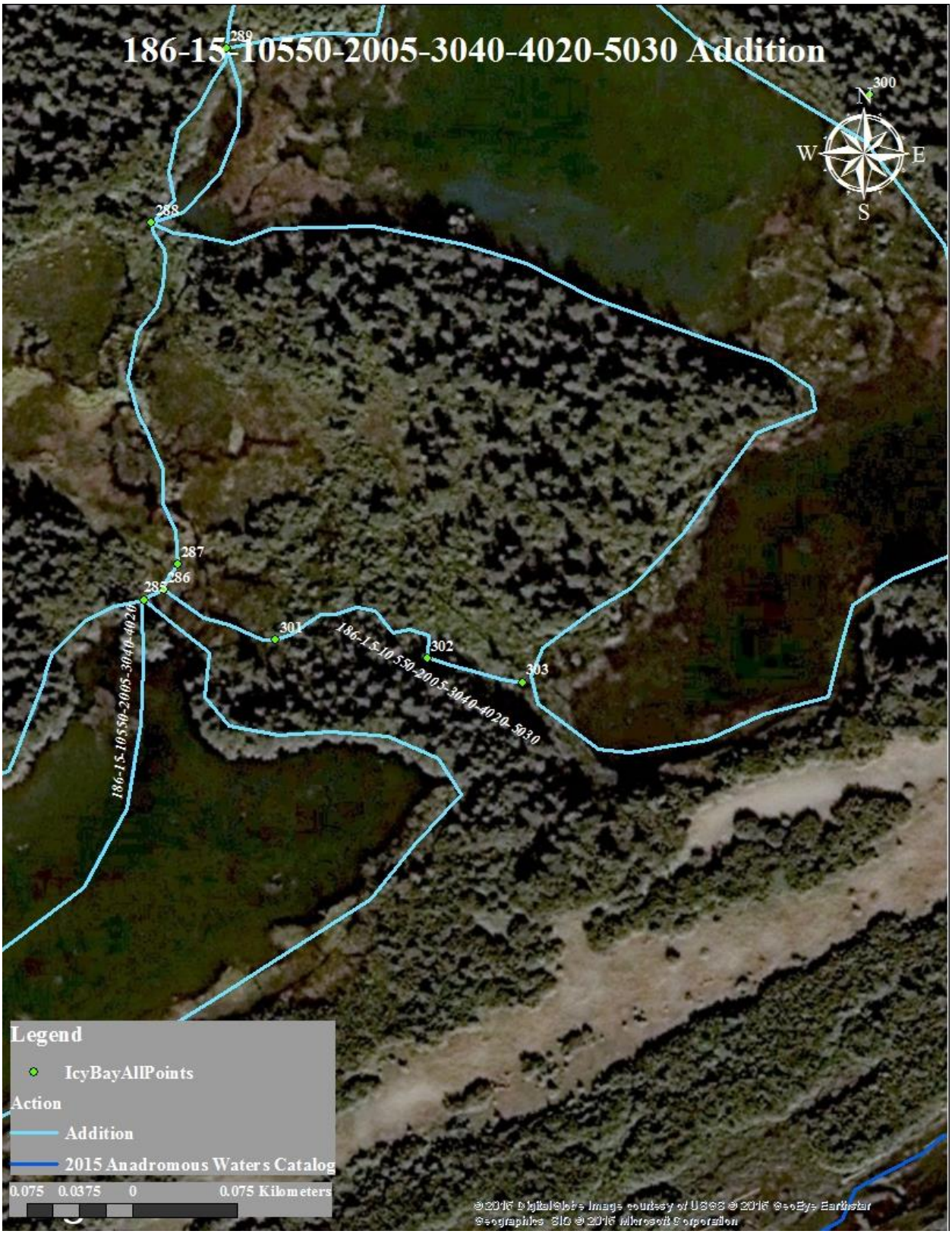

Figure 1.– 186-15-10550-2005-3040-4020-5030 addition map.

Icy Bay

191-20-13600-2046 CORRECTION

Water body name: **Survey date:** 7/9/2014
Water body number: 191-20-13600-2046 **Species & Lifestage:** COsr
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: Further investigation is needed to see if this stream still exists or has become seasonal. After two different visits water was not observed in this stream. If stream still exists it would connect with the new braid of the Big River that was thoroughly investigated.
Recommendations: Shorten the existing stream arc to reflect more likely stream arc in the Anadromous Waters Catalog (Figure 1).
Nomination: 15-590

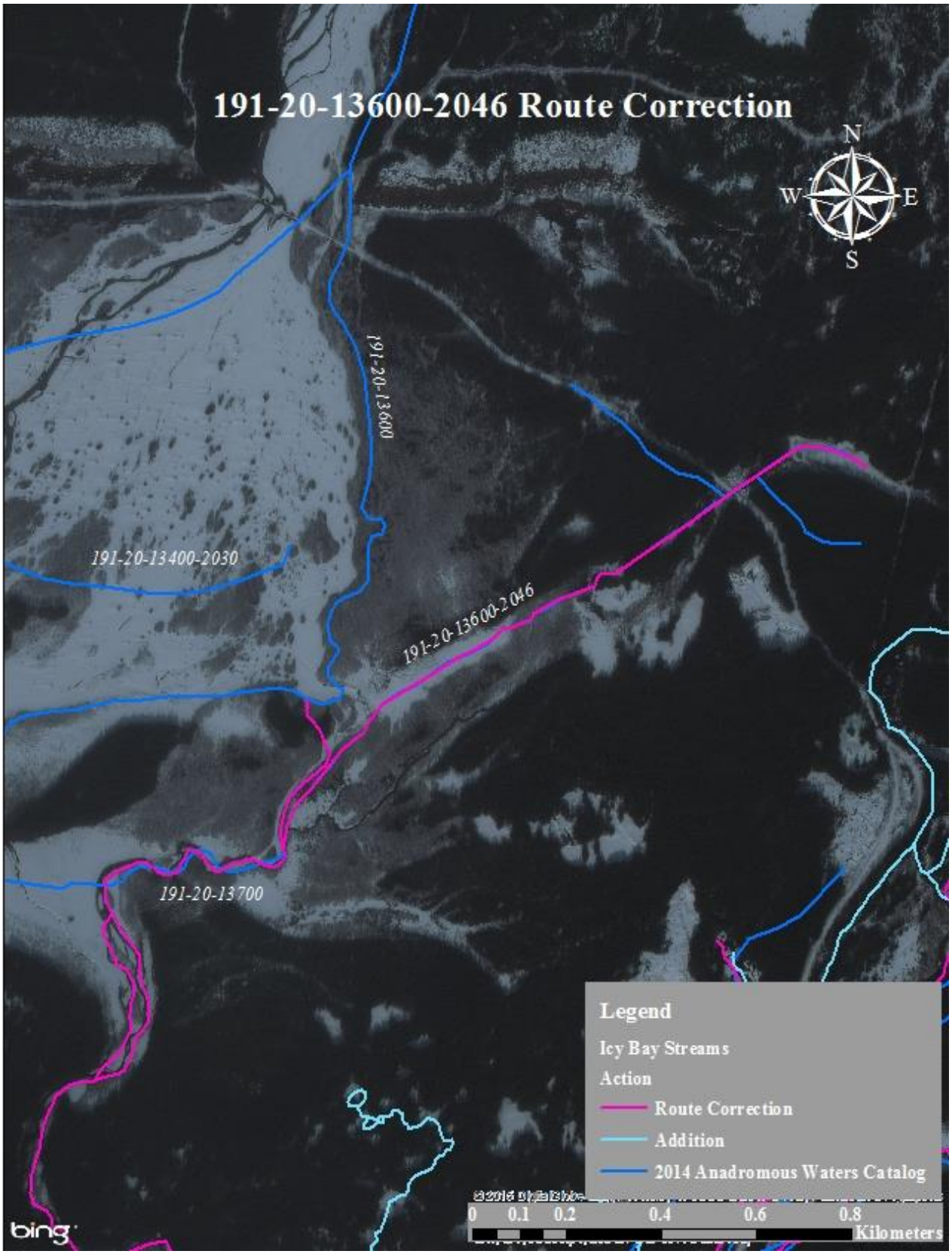

Figure 1.–191-20-13600-2046 route correction map.

Icy Bay

191-20-13700 ADDITION

Water body name: **Survey date:** 6/11/2014
Water body number: 191-20-13700 **Species & Lifestage:** COr
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: We surveyed this branch off Big River using a handnet and a GPS (Table 1). The substrate was clay with patches of nice spawning gravel (Figures 1, 2).
Recommendations: Add stream to AWC with the same stream number as Big River and its own arc line (Figure 3).
Nomination: 14-679

Table 1.–191-20-13700 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
4	59.9628	-141.6931	Big River braid mouth into Pacific Ocean.		
5	59.9653	-141.6941	Stepped on gravel bar edge and saw and captured 2 Co young of the year.	HN	2 CO
6	59.9664	-141.6964	Tributary entering river left. Not much flow coming from stream, but going to track.		
9	59.9670	-141.7017	Tributary entering river right.		
10	59.9693	-141.6998		VI	3 CO
11	59.9695	-141.6996	Tributary entering river right.		
12	59.9704	-141.6980	Calling it here on braid of Big River.		
160	59.9835	-141.6945	Walking furthest river right braid of Big River.		
161	59.9703	-141.6982	End of walk down Big River braid looking for tributaries.		
162	59.9721	-141.6999	Overflow channel that is currently fed by ground water.	HN	7 CO

Figure 1.–Clay substrate that made up most of the major stream systems.

Figure 2.–Bear tracks in silt/clay substrate.

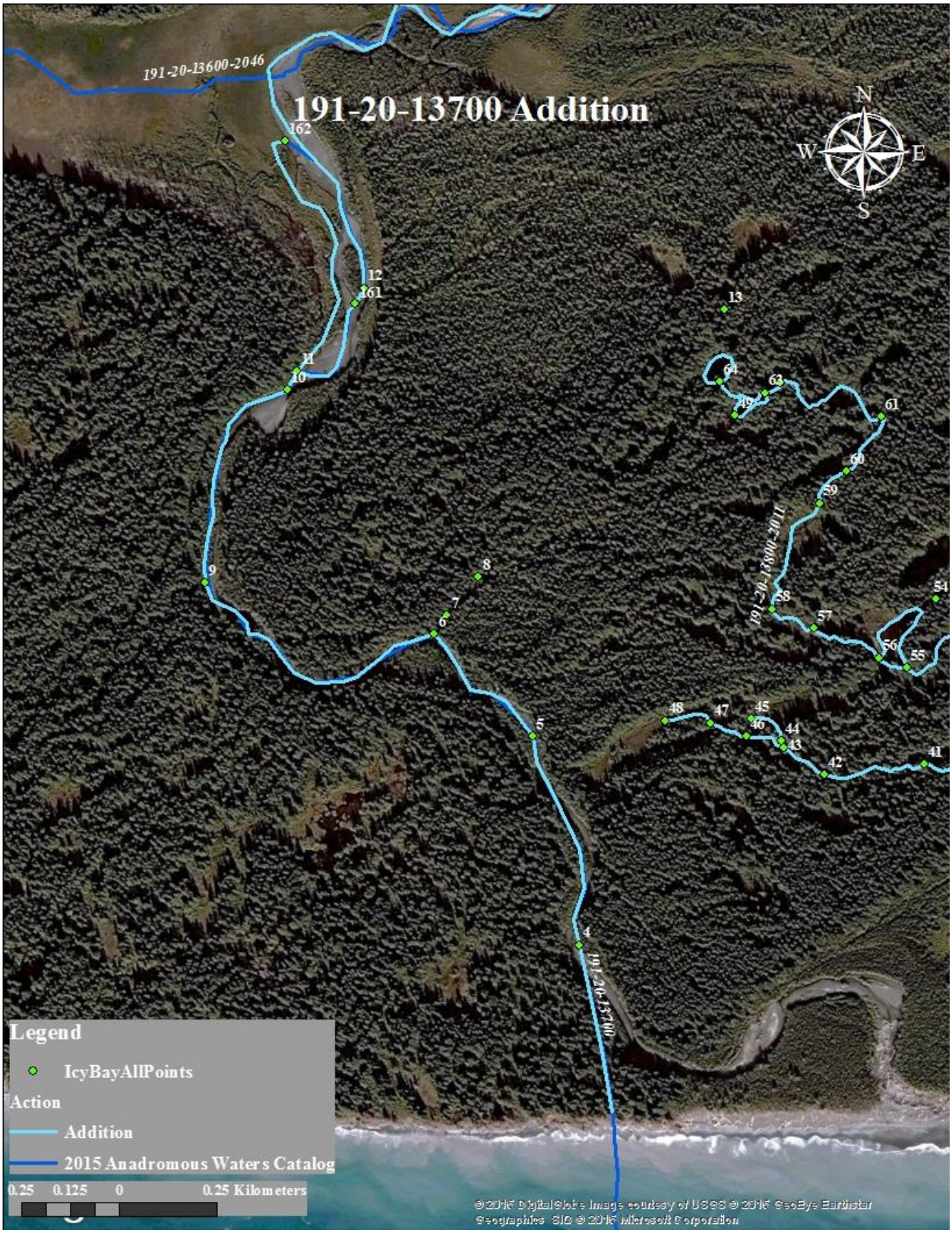

Figure 3.–191-20-13700 addition map.

Icy Bay

191-20-13700 CORRECTION

Water body name: **Survey date:** 7/9/2014
Water body number: 191-20-13700 **Species & Lifestage:** COr
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: This is a branch of the Big River. Has about one quarter of total flows.
Recommendations: Extend the stream arc currently in the Anadromous Waters Catalog so that 191-20-13700 connects with 191-20-13600 (Figure 1).
Nomination: 15-591

Figure 1.–191-20-13700 route correction map.

191-20-13800 CORRECTION

Water body name: Priest River **Survey date:** 6/9/2014
Water body number: 191-20-13800 **Species & Lifestage:** Cos, DVp
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: We surveyed the west branch of Priest River to make sure that current route in the anadromous water catalog was correct (Table 1), (Figures 1, 2, 3). We surveyed from the mouth to where Crystal Creek empties into Priest River.
Recommendations: Correct the current route in AWC (Figure 4).
Nomination: 14-625

Table 1.–191-20-13800 survey data

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
3	59.9627	-141.6797	Mouth of Priest Creek.		
17	59.9682	-141.6750	Tributary entering river right.		
25	59.9651	-141.6780	Stopping here for downstream investigation of Priest River. No tributaries entering below this point.		
26	59.9662	-141.6770	Tributary entering river right.		
75	59.9685	-141.6743	Priest River above the bridge.		
76	59.9698	-141.6724	Tributary entering river right.		
77	59.9745	-141.6685	Tributary entering river right.		
78	59.9753	-141.6680	Tributary entering river right.		
79	59.9780	-141.6634	Tributary entering river left. Conveyance stream.		
80	59.9786	-141.6634	Tributary entering river right. Conveyance stream.		
81	59.9804	-141.6625	Tributary entering river right.		
82	59.9832	-141.6577	Crystal Creek entering Priest River on river right.		

Figure 1.–Looking downstream at log jam at mouth of Priest River.

Figure 2.–Young of the year coho captured in Priest River.

Figure 3.–Greg standing in middle of west branch of Priest River.

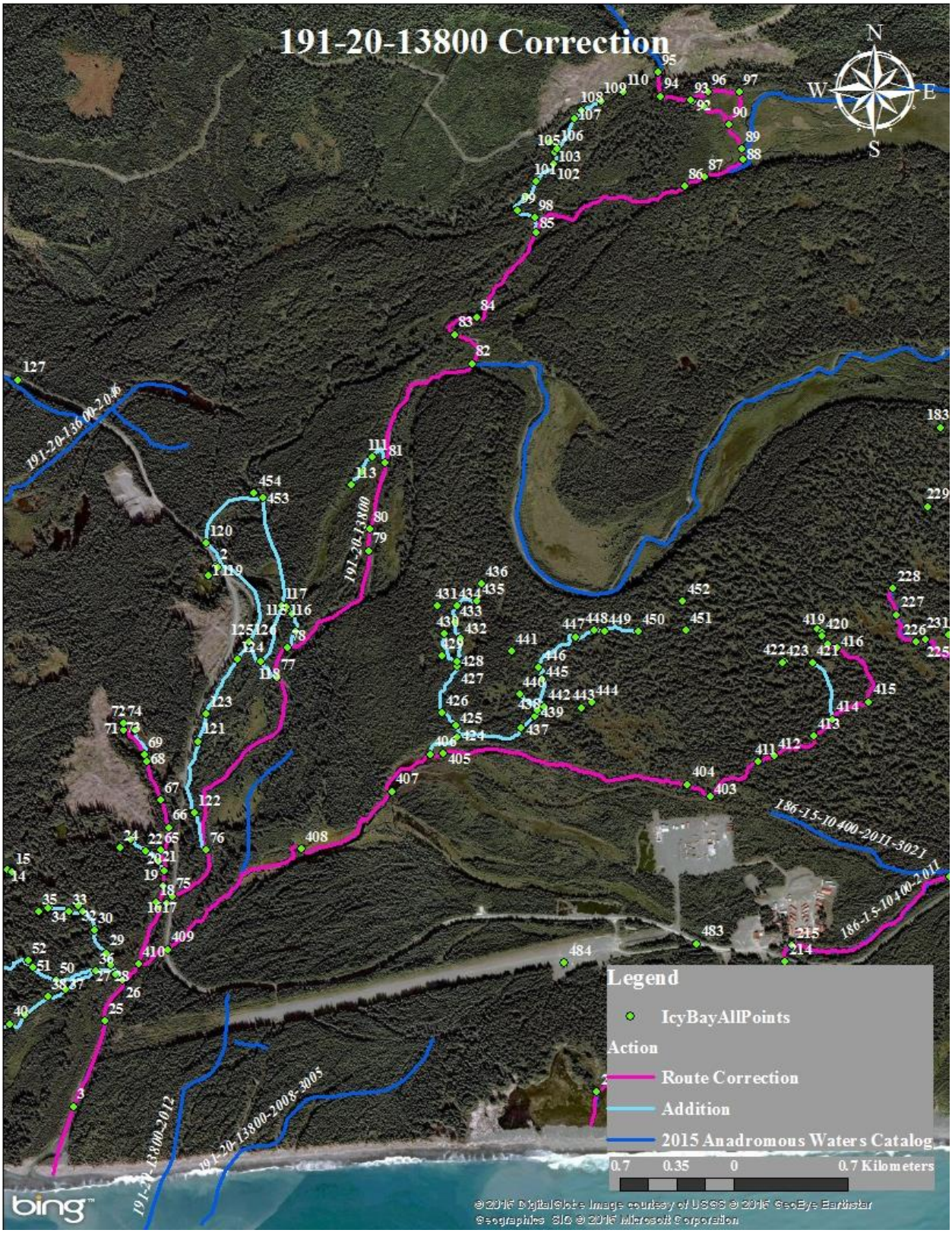

Figure 4.–191-20-13800 correction map.

Icy Bay

Icy Bay

191-20-13800-2011-3008 ADDITION

Water body name: **Survey date:** 6/8/2014
Water body number: 191-20-13800-2011-3008 **Species & Lifestage:** COr
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: We surveyed stream number 191-20-13800-2011-3008 using a GPS and handnet (Table 1). We were able to capture rearing coho salmon with no effort (Figure 1). We ended the survey where water was just seeping out of the ground.
Recommendations: Add stream to AWC and rearing coho salmon (Figure 2).
Nomination: 14-626

Table 1.–191-20-13800-2011-3008 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
26	59.9662	-141.6770	Tributary entering river right.		
27	59.9663	-141.6774	Tributary entering river left.	HN	2 CO
28	59.9666	-141.6777		HN, VI	2 CO, 6 CO
29	59.9669	-141.6779		HN	4 CO
30	59.9675	-141.6786		HN	2 CO
31	59.9681	-141.6792	Tributary entering river left, with not much flow.		
33	59.9681	-141.6800		HN	3 CO
34	59.9682	-141.6811		HN	2 CO
35	59.9681	-141.6816	Calling top of tributary. Water is just seeping out of the ground.		

Figure 1.–Four young of the year coho salmon.

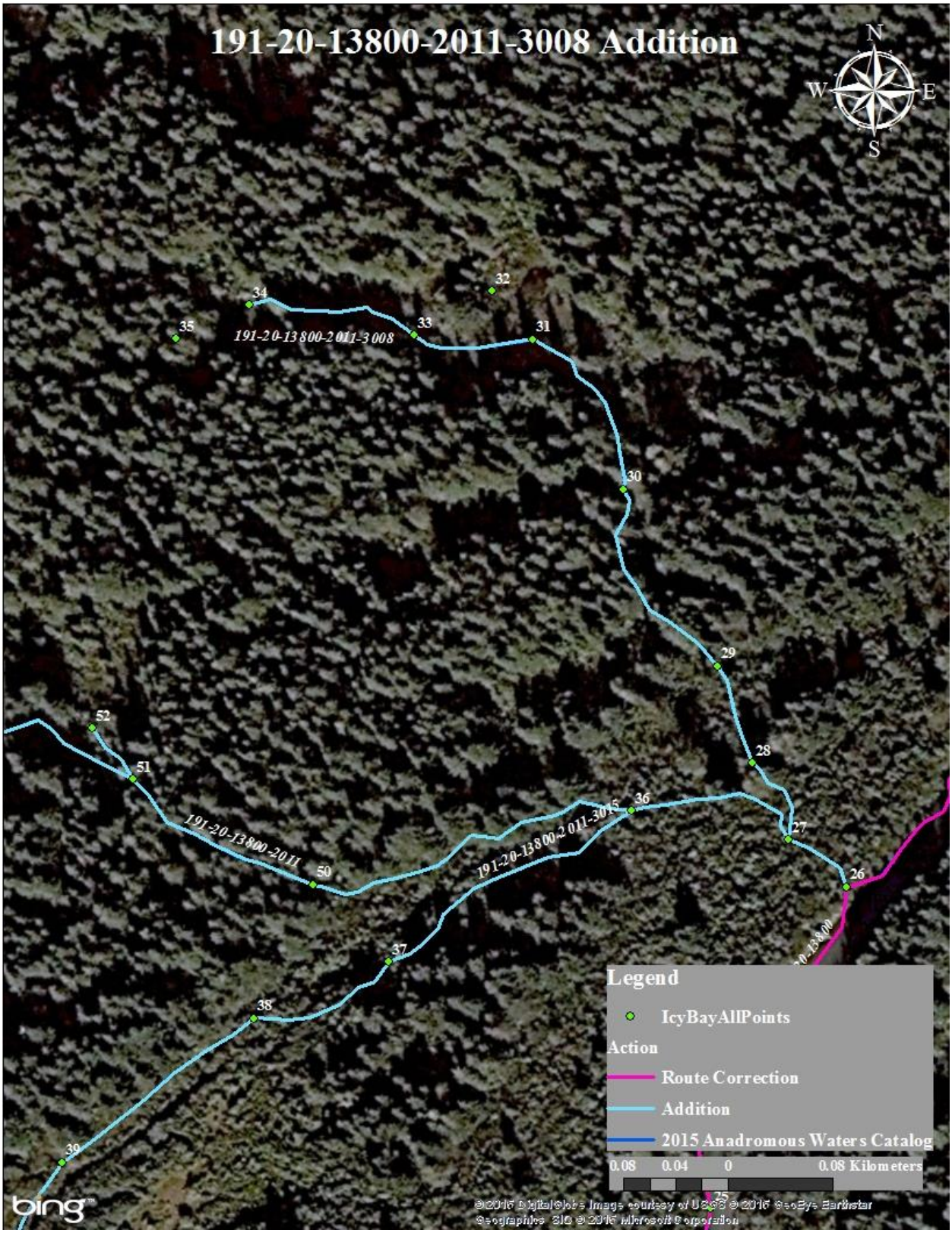

Figure 2.–191-20-13800-2011-3008 addition map.

Icy Bay

191-20-13800-2011-3015 ADDITION

Water body name: **Survey date:** 6/8/2014
Water body number: 191-20-13800-2011-3015 **Species & Lifestage:** COr
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: We surveyed stream number 191-20-13800-2011-3015 using a handnet and GPS and caught coho salmon (Table 1), (Figure 1). We ended the survey in marsh where water is collecting from surrounding area.
Recommendations: Add stream to AWC (Figure 2).
Nomination: 14-627

Table 1.–191-20-13800-2011-3015 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
36	59.9664	-141.6785	Tributary entering river right.		
37	59.9659	-141.6802		HN	1 CO
38	59.9657	-141.6811		HN	3 CO
39	59.9652	-141.6824	Tributary entering river right, but ends quickly.	HN	3 CO
40	59.9650	-141.6832		HN	1 CO
41	59.9649	-141.6851		HN	2 CO
42	59.9648	-141.6874		HN	1 CO
43	59.9651	-141.6883	Tributary entering river right.		
46	59.9653	-141.6892	In a marsh area, water coming in from random places. One main channel.	HN	3 CO
47	59.9654	-141.6900		HN	1 CO
48	59.9654	-141.6911	Setting a minnow trap at the top of tributary. Ends in a marsh were water collects from surrounding area.	MT	3 CO

Figure 1.–Coho captured in minnow trap.

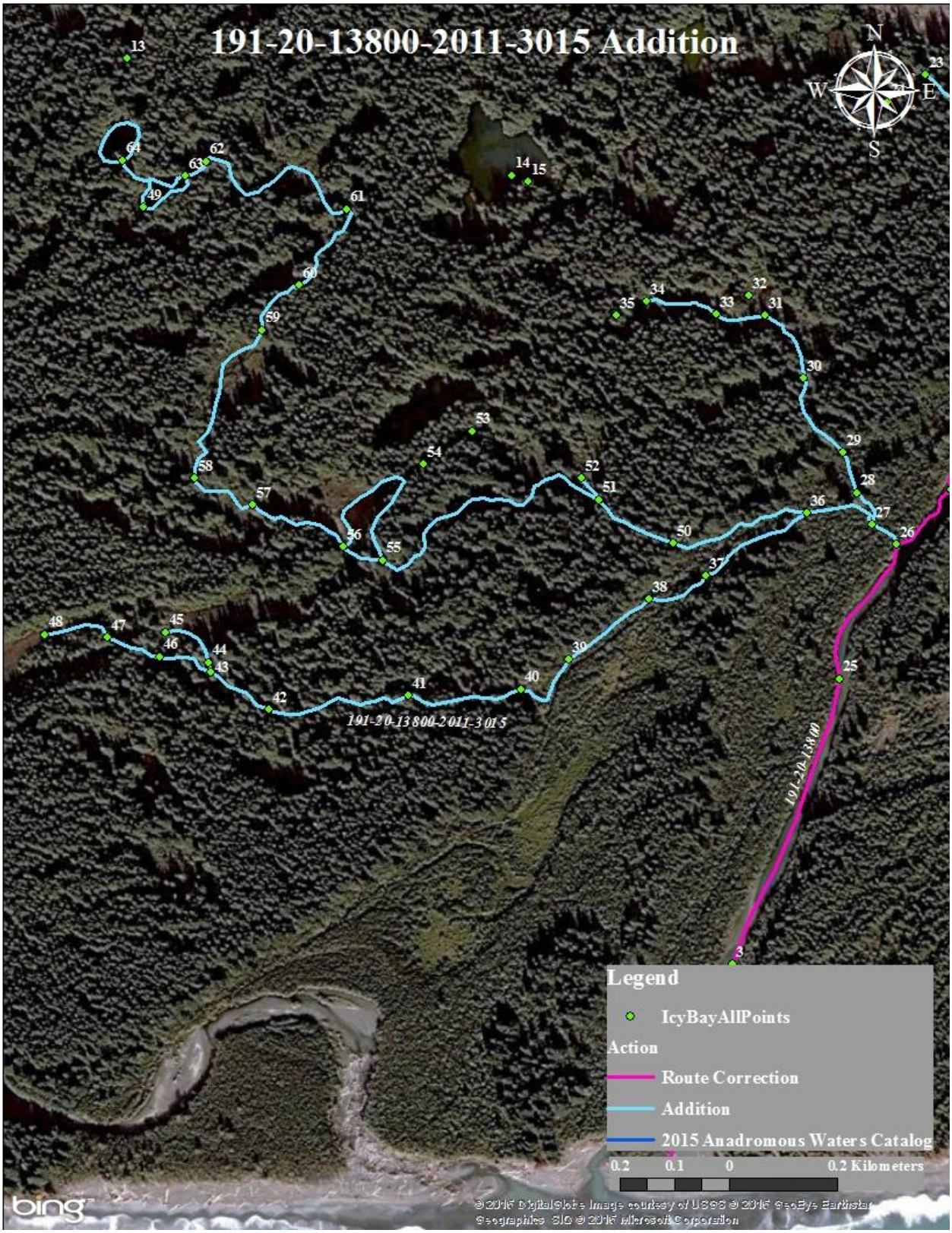

Figure 2.–191-20-13800-2011-3015 addition map.

Icy Bay

191-20-13800-2011-3015-4302 ADDITION

Water body name: **Survey date:** 6/8/2014
Water body number: 191-20-13800-2011-3015-4302 **Species & Lifestage:** COr
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: We surveyed stream number 191-20-13800-2011-3015-4302 using a handnet and GPS and caught coho salmon (Table 1). We ended the survey at a pool near edge of marsh area.
Recommendations: Add stream to AWC (Figure 1).
Nomination: 14-628

Table 1.–191-20-13800-2011-3015-4302 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
43	59.9651	-141.6883	Tributary entering river right.		
44	59.9652	-141.6884		HN	2 CO
45	59.9655	-141.6891	Calling it here for tributary. Ends in a pool in march.	HN	3 CO

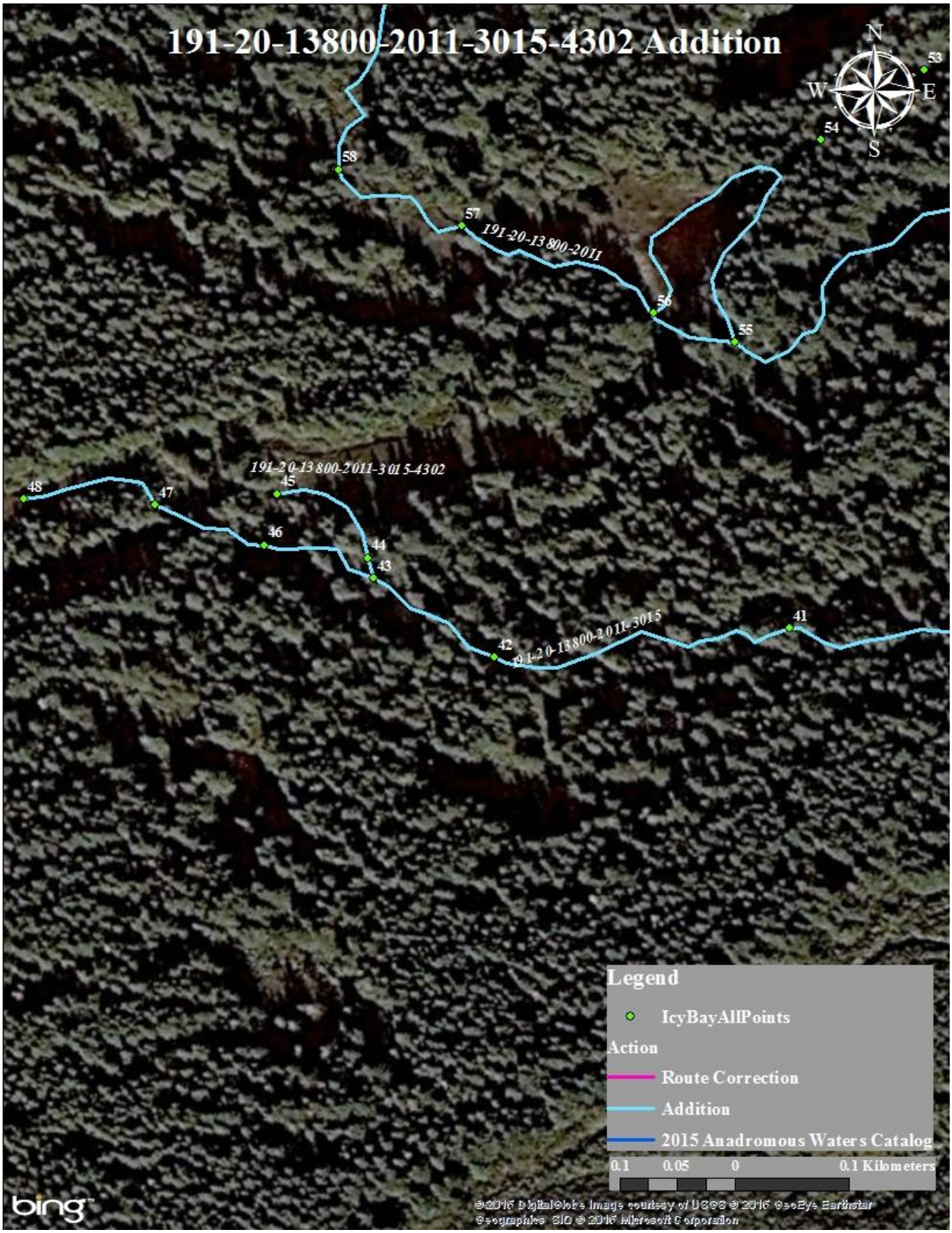

Figure 1.–191-20-13800-2011-3015-4302 addition map.

Icy Bay

191-20-13800-2011-3022 ADDITION

Water body name: **Survey date:** 6/8/2014
Water body number: 191-20-13800-2011-3022 **Species & Lifestage:** COr
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: We surveyed stream number 191-20-13800-2011-3022 using a handnet and GPS and captured rearing coho salmon (Table 1). As we headed up stream the water level decreased becoming disconnected pools and then a dry stream channel. Water does not appear to flow in upper part of stream channel regularly. We ended the survey in dry moss covered stream channel.
Recommendations: Add stream to AWC (Figure 1).
Nomination: 14-629

Table 1.–191-20-13800-2011-3022 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
51	59.9665	-141.6819	Tributary entering river left.		
52	59.9667	-141.6822		HN	2 CO
53	59.9671	-141.6840		HN	1 CO
54	59.9668	-141.6848	Stream loses water here, there is a semi-channel. Looks channel has not been used in awhile.		

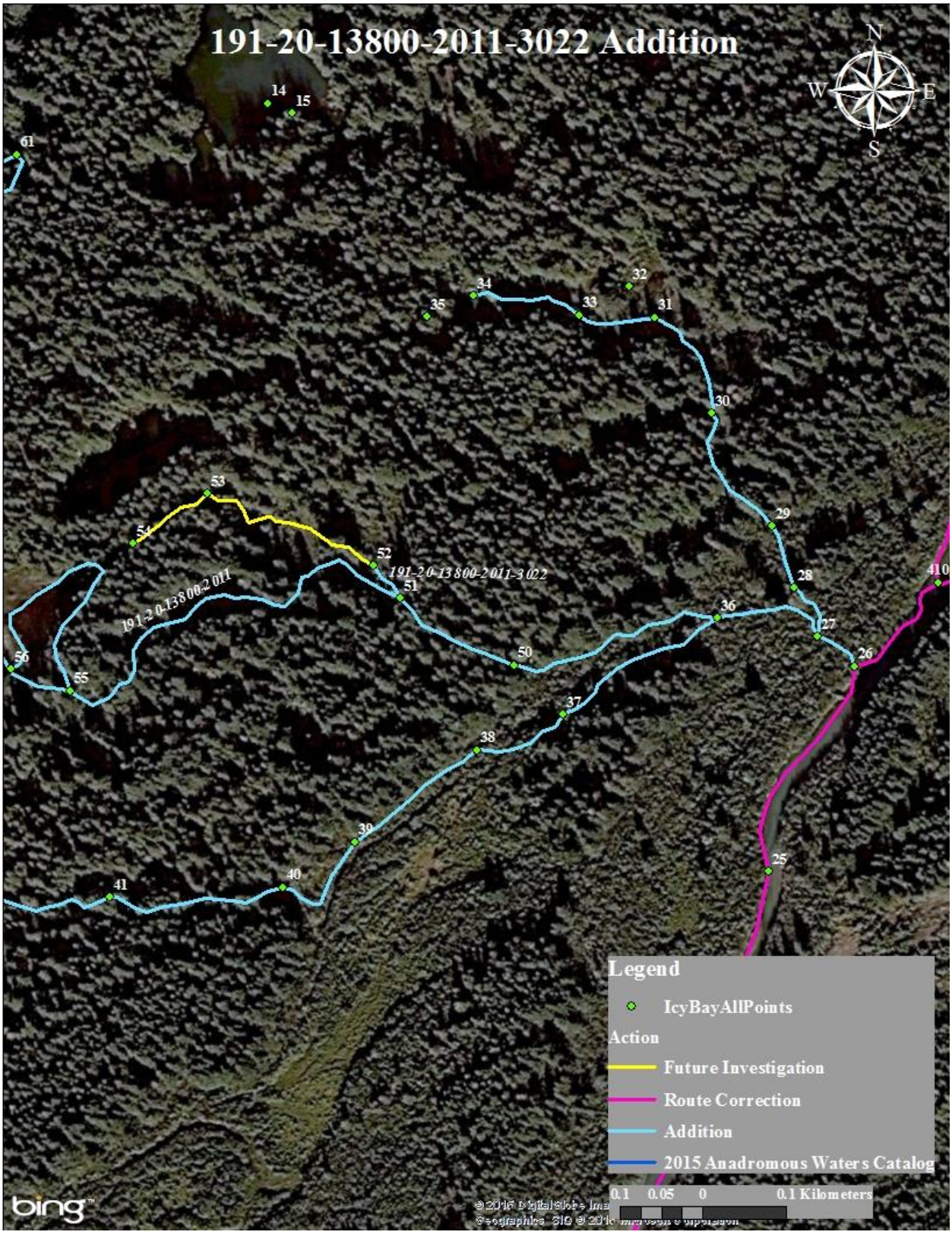

Figure 1.–191-20-13800-2011-3022 addition map.

Icy Bay

191-20-13800-3011 ADDITION

Water body name: **Survey date:** 6/8/2014
Water body number: 191-20-13800-3011 **Species & Lifestage:**
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: We surveyed stream number 191-20-13800-3011 using a handnet and GPS and caught coho salmon (Table 1), (Figures 1, 2). This stream flows through several different ponds of varying depth and size. We ended the survey at the upper most pond since no inlet streams.
Recommendations: Add stream to AWC (Figure 3).
Nomination: 14-630

Table 1.–191-20-13800-3011 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
26	59.9662	-141.6770	Tributary entering river right.		
27	59.9663	-141.6774	Tributary entering river left.	HN	2 CO
36	59.9664	-141.6785	Tributary entering river right.		
50	59.9662	-141.6807		HN	3 CO
51	59.9665	-141.6819	Tributary entering river left.		
55	59.9660	-141.6855	There is a pond here.	HN	3 CO
56	59.9662	-141.6861	Inlet to pond.		
57	59.9665	-141.6876	Connection with another pond.	HN	4 CO
58	59.9667	-141.6886		HN	2 CO
59	59.9679	-141.6875	Enter another pond circling river left looking for inlet stream.	HN	3 CO
60	59.9683	-141.6869	Inlet stream to pond.		
61	59.9689	-141.6861	Another pond.	HN	1 CO
62	59.9693	-141.6884	Pond outlet.		
63	59.9692	-141.6888	Pond inlet.		
64	59.9693	-141.6898	Outlet of pond. This pond is the upper extent since there are no inlet streams. Captured smolty coho in minnow traps.	MT	6 CO

Figure 1.–Minnow trap with coho salmon.

Figure 2.–Smolty coho salmon.

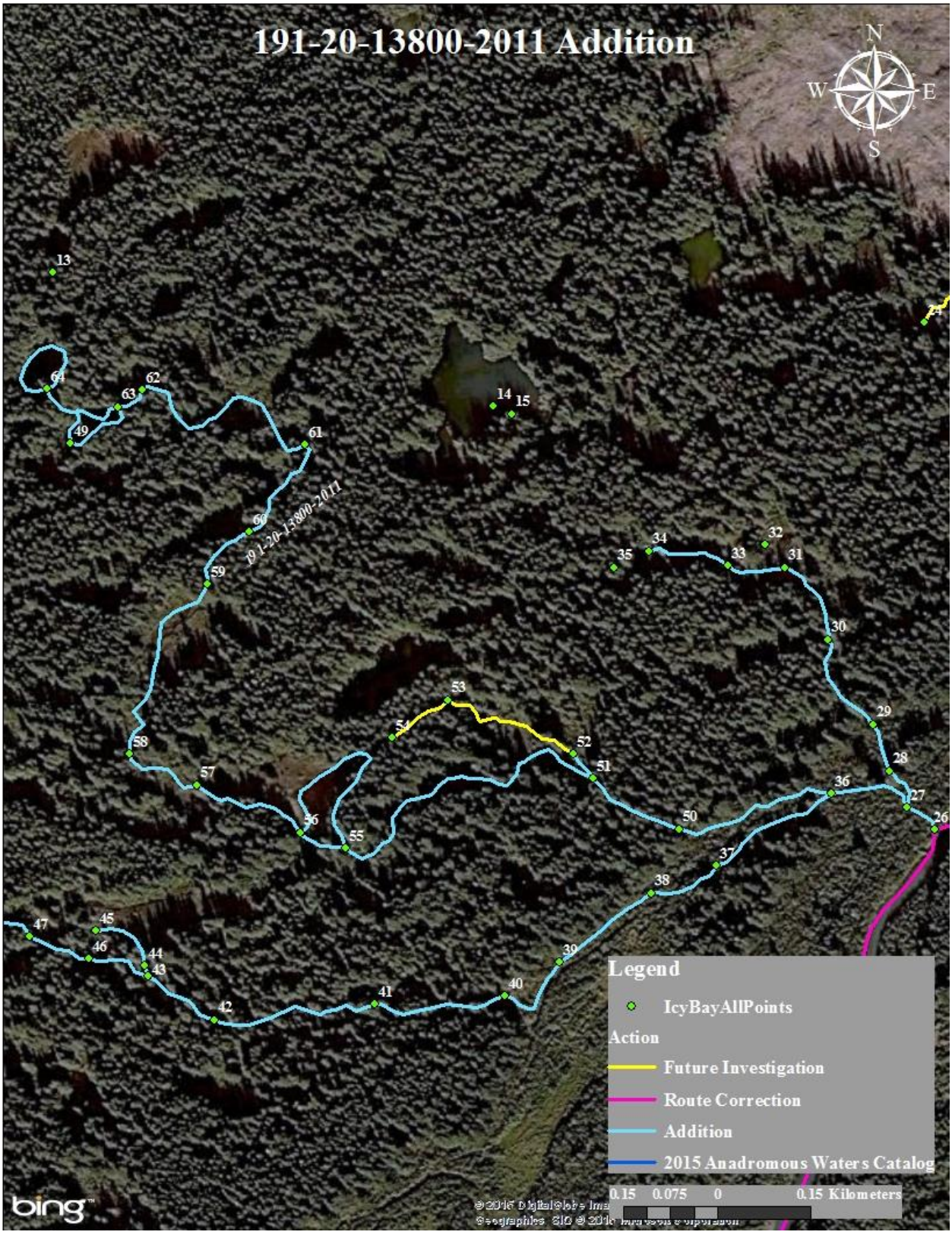

Figure 3.–191-20-13800-2011 addition map.

Icy Bay

191-20-13800-2017 ADDITION

Water body name: **Survey date:** 6/9/2014
Water body number: 191-20-13800-2017 **Species & Lifestage:** COr
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: We surveyed stream number 191-20-13800-2017 using a GPS and handnet (Table 1). We were able to capture rearing coho salmon with no effort (Figure 1). The stream flows along the hillside that logging road is on. The water in the stream is from when the beaver pond is overflowing.
Recommendations: Add stream to AWC and rearing coho salmon (Figure 2).
Nomination: 14-631

Table 1.–191-20-13800-2017 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
76	59.9698	-141.6724	Tributary entering river right.		
122	59.9708	-141.6731	There are pools now and connectability has ended. Connected with WPT#76.		
123	59.9735	-141.6724	Water seeping from hillside river right.	HN	2 CO
124	59.9750	-141.6707		HN	1 CO
125	59.9755	-141.6700	Tributary is overflow from the large beaver pond. Saw 8 CO swimming around at mouth of outlet.	VI	8 CO

Figure 1.–One of several rearing coho salmon that were captured.

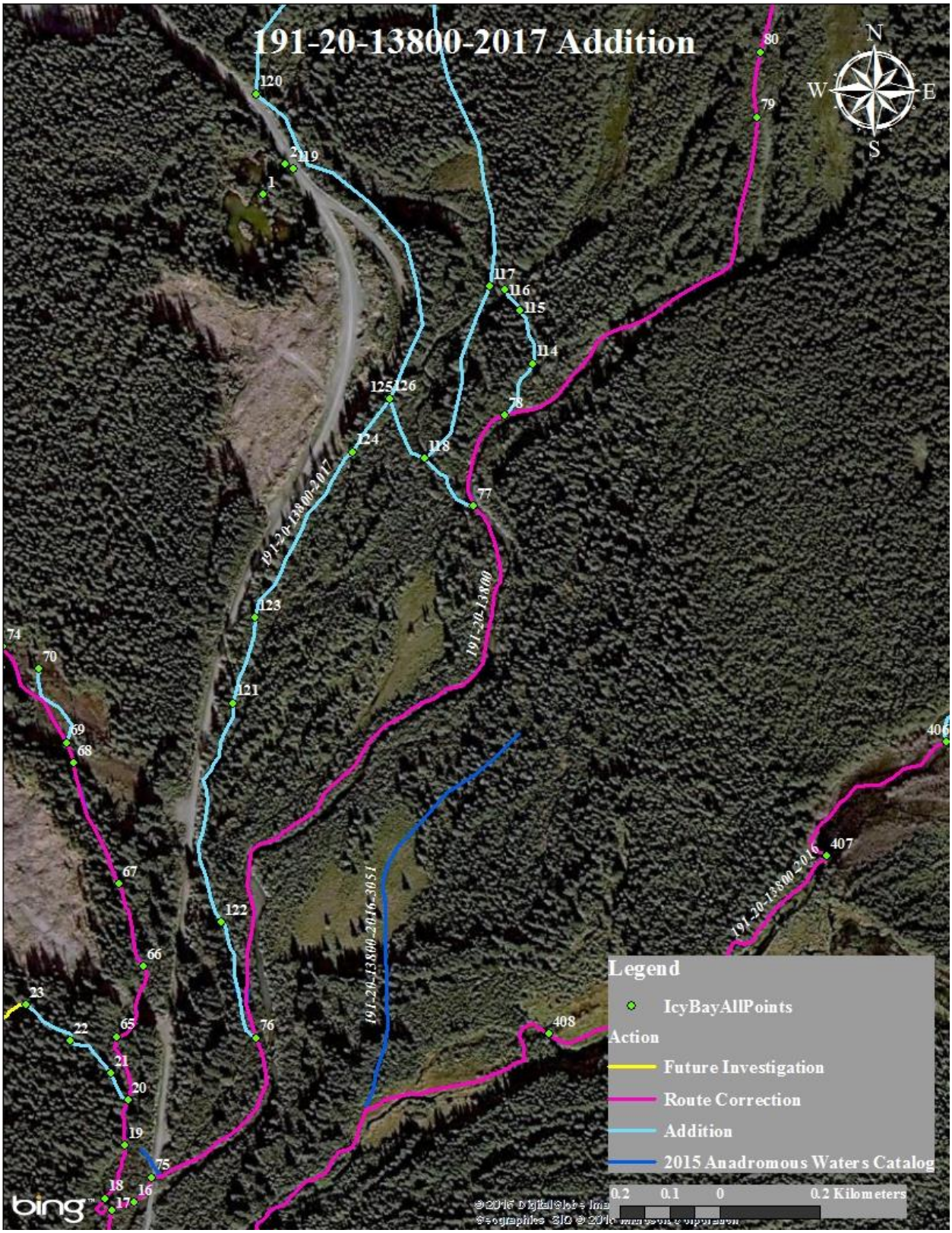

Figure 2.–191-20-13800-2017 addition map.

Icy Bay

191-20-13800-2019 ADDITION

Water body name: **Survey date:** 6/9/2014
Water body number: 191-20-13800-2019 **Species & Lifestage:** COr
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: We surveyed stream number 191-20-13800-2019 using a GPS and handnet (Table 1). We were able to capture rearing coho salmon (Figure 1). This stream is the main channel of water leaving large beaver pond.
Recommendations: Add stream to AWC and rearing coho salmon (Figure 2).
Nomination: 14-632

Table 1.–191-20-13800-2019 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
77	59.9745	-141.6685	Tributary entering river right.		
118	59.9750	-141.6694	Outlet of large beaver pond.	HN	8 CO

Figure 1.–Captured rearing coho salmon.

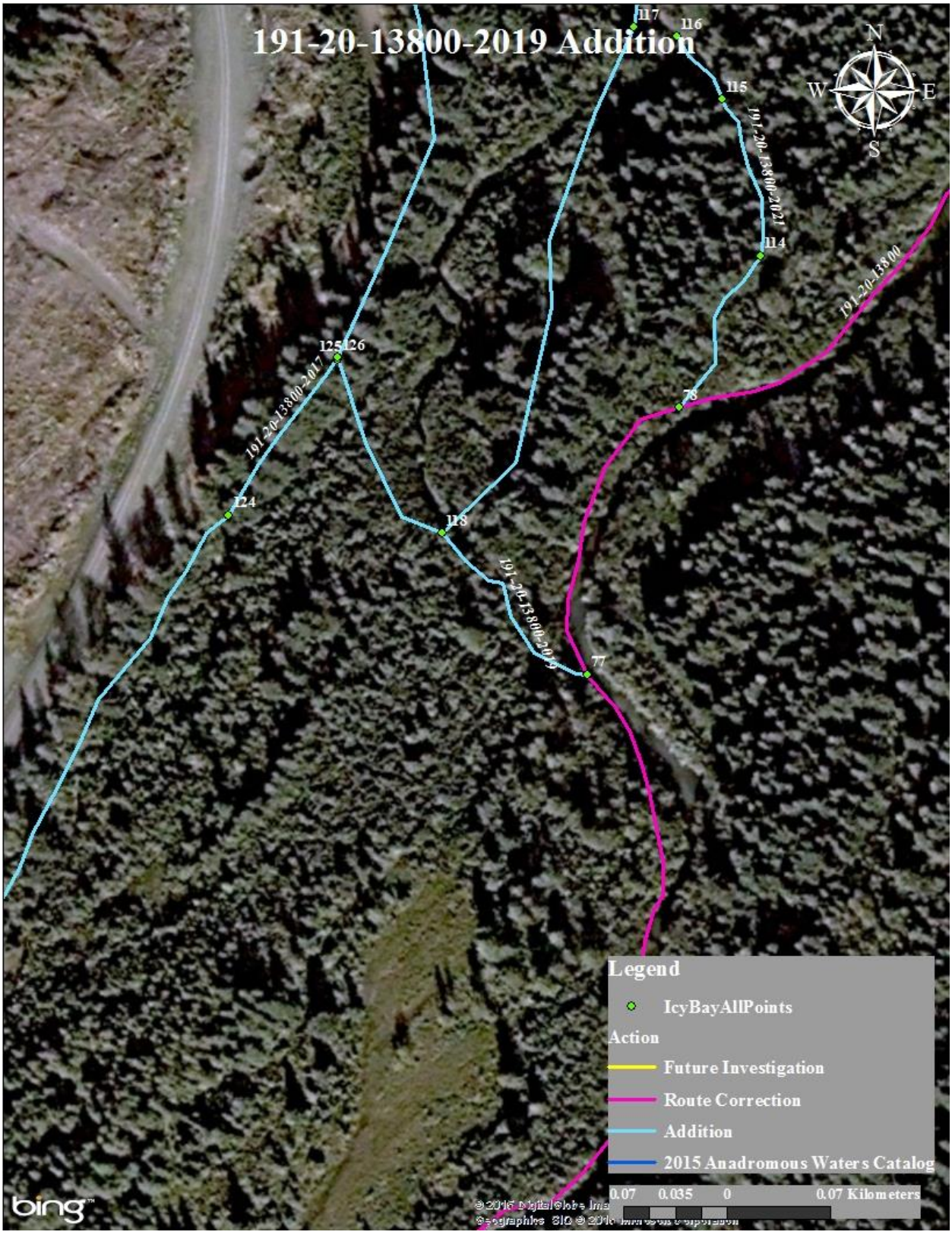

Figure 2.–191-20-13800-2019 addition map.

Icy Bay

191-20-13800-2021 ADDITION

Water body name: **Survey date:** 6/9/2014
Water body number: 191-20-13800-2021 **Species & Lifestage:** COr
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: We surveyed stream number 191-20-13800-2021 using a GPS and handnet (Table 1). We were able to capture rearing coho salmon (Figure 1). This stream went to the base of a hill, where water had collected in a pool.
Recommendations: Add stream to AWC and rearing coho salmon (Figure 2).
Nomination: 14-633

Table 1.–191-20-13800-2021 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
78	59.9753	-141.6680	Tributary entering river right.		
114	59.9758	-141.6675		HN	3 CO
115	59.9763	-141.6677		HN	1 CO
116	59.9765	-141.6680	Calling top of tributary that started at WPT#78. Ends at the base of a hill in a pond that is about 350ft long. On other side of hill is a large beaver pond.	HN	6 CO

Figure 1.–Captured rearing coho salmon.

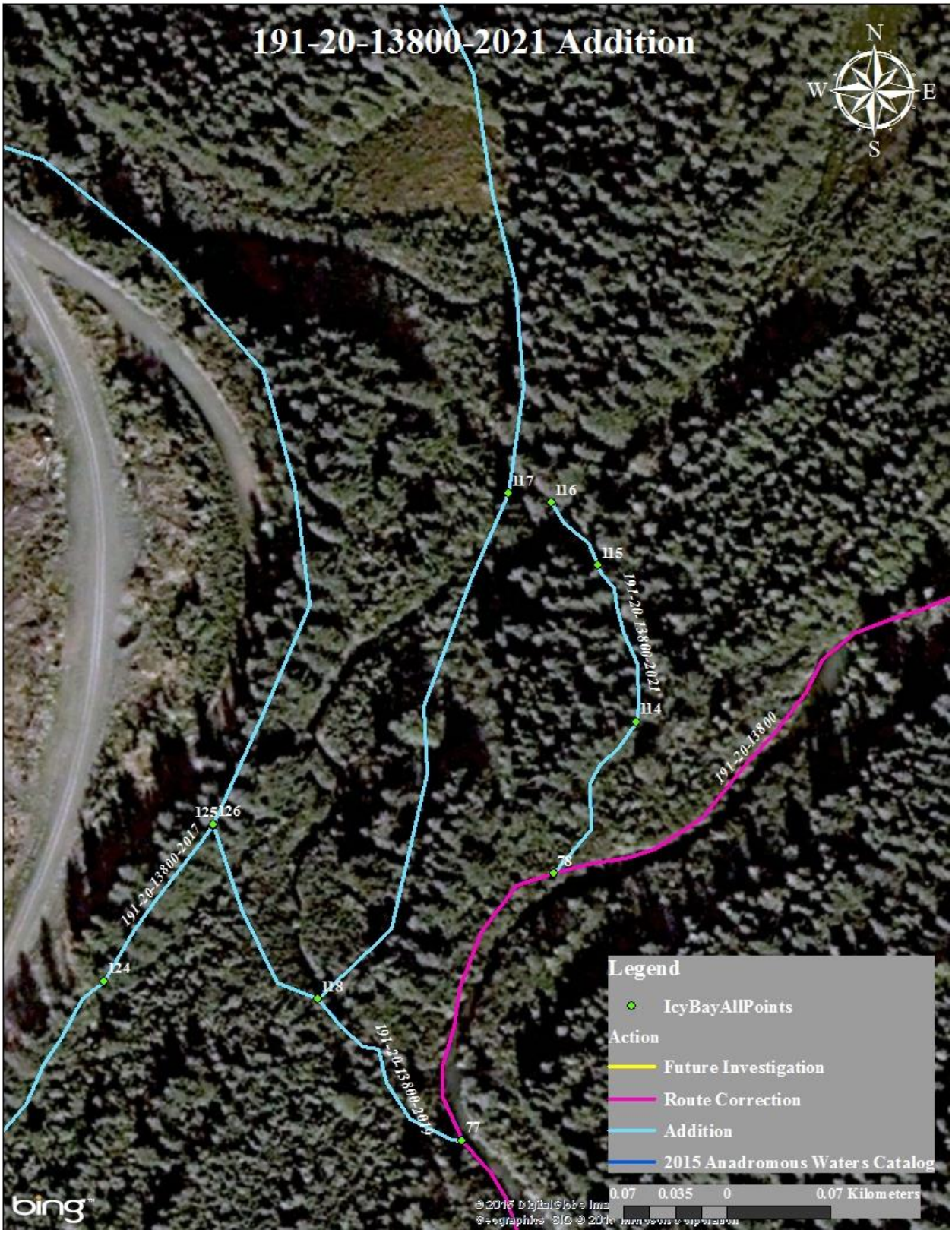

Figure 2.–191-20-13800-2021 addition map.

Icy Bay

191-20-13800-2023 ADDITION

Water body name: **Survey date:** 6/9/2014
Water body number: 191-20-13800-2023 **Species & Lifestage:** COr
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: We surveyed stream number 191-20-13800-2023 using a GPS and handnet (Table 1). We were able to capture rearing coho salmon (Figure 1). Stream started with a nice channel that quickly became quicksand. We ended the survey where stream spreads out and had no defined channel.
Recommendations: Add stream to AWC and rearing coho salmon (Figure 2).
Nomination: 14-634

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

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
81	59.9804	-141.6625	Tributary entering river right.		
111	59.9806	-141.6633		HN	3 CO
112	59.9802	-141.6639		HN	2 CO
113	59.9798	-141.6644	This tributary lost a lot of water once hillside seeps end. From here becomes a spread out stream with no defined channel. Marsh is inaccessible to foot traffic due to sinking into clay/silt substrate up over knees. Calling top.	HN	3 CO

Figure 1.–A captured rearing coho salmon.

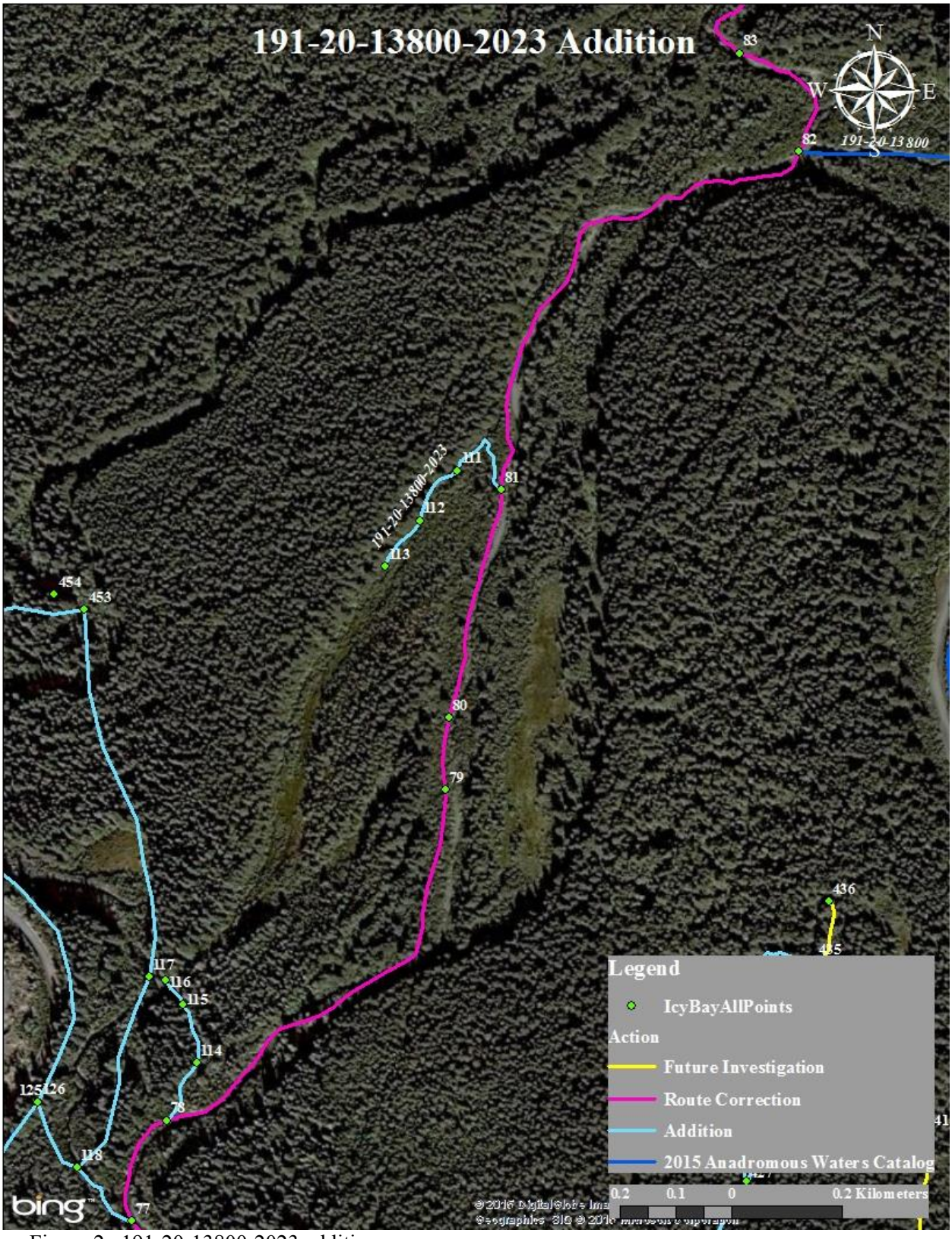

Figure 2.–191-20-13800-2023 addition map.

Icy Bay

186-15-10400-2025 ADDITION

Water body name: **Survey date:** 6/11/2014
Water body number: 186-15-10400-2025 **Species & Lifestage:** COr
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: We surveyed stream number 186-15-10400-2025 using a GPS and handnet (Table 1). We were able to catch rearing coho salmon (Figure 1). The stream started with pools and then became a flowing stream. The stream went through several meadows and ended in a moose trail that went through a meadow (Figure 2).
Recommendations: Add stream to AWC and rearing coho (Figure 3).
Nomination: 14-636

Table 1.–186-15-10400-2025 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
166	59.9738	-141.6138	Tributary entering river right.		
167	59.9739	-141.6138	Stream becomes disconnected pools with CO.	VI	5 CO
168	59.9742	-141.6138	Fork in stream. Was a side channel.	HN	4 CO
169	59.9751	-141.6147		HN	3 CO
170	59.9754	-141.6158		HN	1 CO
171	59.9756	-141.6175		HN	1 CO
172	59.9759	-141.6187		HN	1 CO
173	59.9763	-141.6195		HN	1 CO
174	59.9766	-141.6204		HN	2 CO
175	59.9777	-141.6254		HN	1 CO
176	59.9784	-141.6268		HN	2 CO
177	59.9790	-141.6272		HN	2 CO
178	59.9799	-141.6295	Tributary entering river right. Little flow coming from this tributary and ends after 15'.		
179	59.9801	-141.6296	Tributary entering river left.		
180	59.9802	-141.6298	Top of tributary. Spreads out without a defined channel.		
181	59.9801	-141.6296	Main flow.	HN	1 CO
182	59.9801	-141.6302		HN	1 CO
183	59.9814	-141.6320	Top of stream ends in a moose trail in a marsh.		

Figure 1.–A handnet full of rearing coho salmon.

Figure 2.–Cow moose watching us survey stream through a meadow.

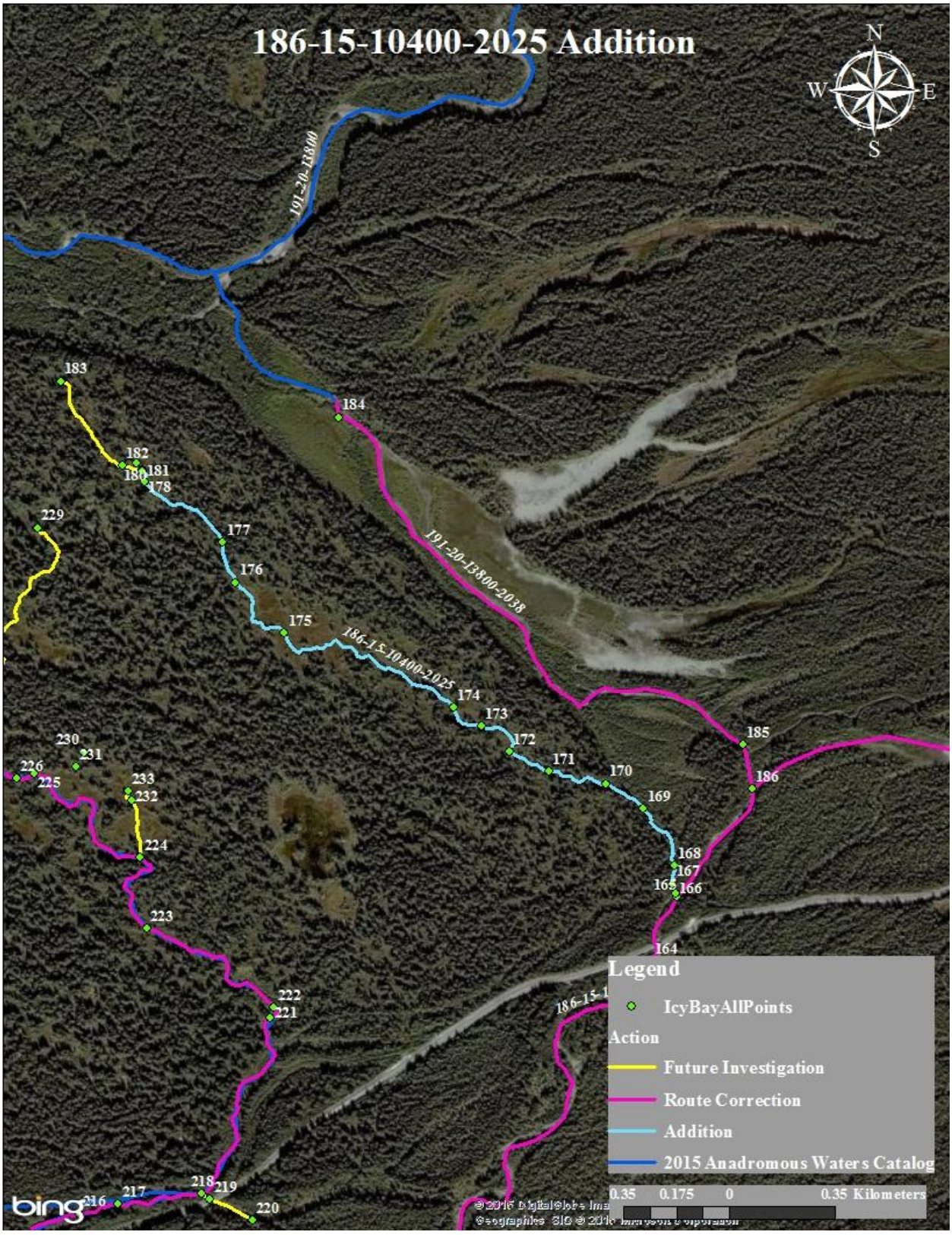

Figure 3.–186-15-10400-2025 addition map.

Icy Bay

Icy Bay

191-20-13800-2015 CORRECTION

Water body name: **Survey date:** 6/8/2014
Water body number: 191-20-13800-2015 **Species & Lifestage:** COsr
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: We surveyed stream 191-20-13800-2015 using a GPS and handnet (Table 1). We were able to catch and visually identify rearing coho salmon (Figure 1). We ended the survey at the headwater of stream which started on the edge of a marsh. The water was just seeping out of the ground at the edge of marsh.
Recommendations: Correct the current route in the AWC (Figure 2).
Nomination: 14-637

Table 1.–191-20-13800-2015 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
17	59.9682	-141.6750	Tributary entering river right.		
18	59.9683	-141.6751		VI	3 CO
19	59.9688	-141.6748		HN	6 CO
20	59.9692	-141.6747	Tributary entering river right.		
65	59.9698	-141.6749	Connect with WPT#20.		
66	59.9704	-141.6744	Calling it here. Will return tomorrow.	HN	3 CO
67	59.9711	-141.6749		VI	10 CO
68	59.9722	-141.6757	Have a tributary entering here, but this is a polygon area since in march and tributary is running along perimeter.		
69	59.9724	-141.6758	Tributary entering in marsh. Going to track this one since has more of a channel.		
73	59.9732	-141.6770	Top of main stream ends in edge of marsh as a seep.	HN	4 CO
74	59.9733	-141.6770	Top of seep into main tributary.	HN	3 CO

Figure 1.–Rearing coho salmon.

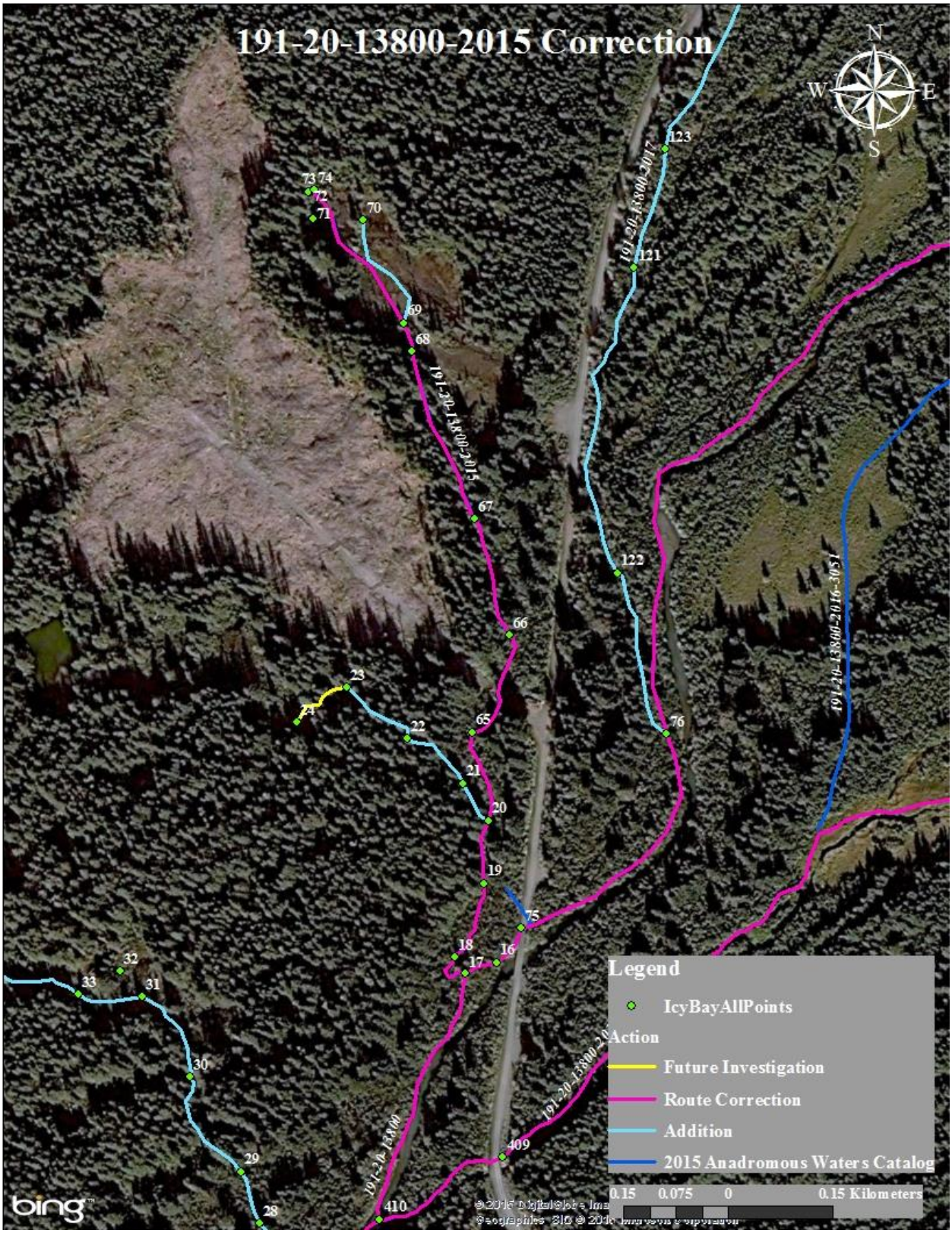

Figure 2.–191-20-13800-2015 correction map.

Icy Bay

191-20-13800-2015-3050 ADDITION

Water body name: **Survey date:** 6/8/2014
Water body number: 191-20-13800-2015-3050 **Species & Lifestage:** COr
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: We surveyed stream number 191-20-13800-2015-3050 using a GPS, handnet and a minnow trap (Table 1). We were able to capture rearing coho salmon (Figure 1). The stream goes into a small pond that is fed by water seeping out of the ground.
Recommendations: Add stream to AWC and rearing coho (Figure 2).
Nomination: 14-639

Table 1.–191-20-13800-2015-3050 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
20	59.9692	-141.6747	Tributary entering river right.		
21	59.9694	-141.6750		HN	4 CO
22	59.9697	-141.6758		HN	2 CO
23	59.9701	-141.6766	Pond here that is about 25ft wide and 100ft long.	MT	5 CO
24	59.9698	-141.6772	Calling top of tributary. Ends in open moss pond with no inlet streams. Water is upwelling from the ground. Set a minnow trap.		

Figure 1.–A captured rearing coho salmon.

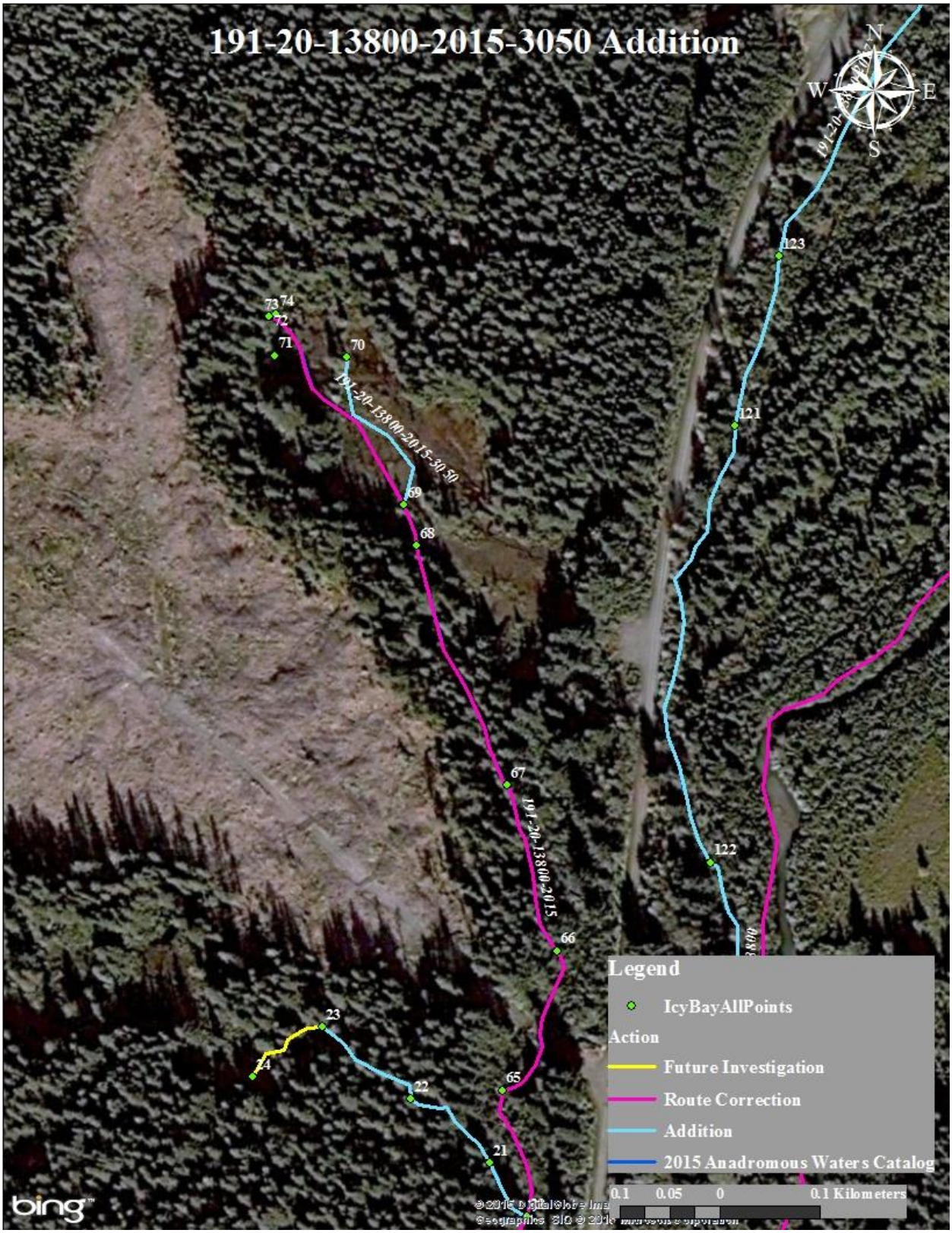

Figure 2.–191-20-13800-2015-3050 addition map.

Icy Bay

191-20-13800-2015-3013 ADDITION

Water body name: **Survey date:** 6/9/2014
Water body number: 191-20-13800-2015-3013 **Species & Lifestage:** COr
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: We surveyed stream number 191-20-13800-2015-3013 using a GPS and handnet (Table 1). We were able to capture rearing coho salmon (Figure 1). One of several fingers that makes up stream in meadow, but the only finger to have rearing coho salmon. We ended the survey where water was seeping out of the ground at the edge of the meadow.
Recommendations: Add stream to AWC and rearing coho (Figure 2).
Nomination: 14-638

Table 1.–191-20-13800-2015-3013 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
69	59.9724	-141.6758	Another tributary entering in marsh. Going to track this one since has more of a channel.		
70	59.9731	-141.6763	Top of tributary. Ends in a seep from the edge of the marsh.	HN	3 CO

Figure 1.–Several rearing coho that were captured.

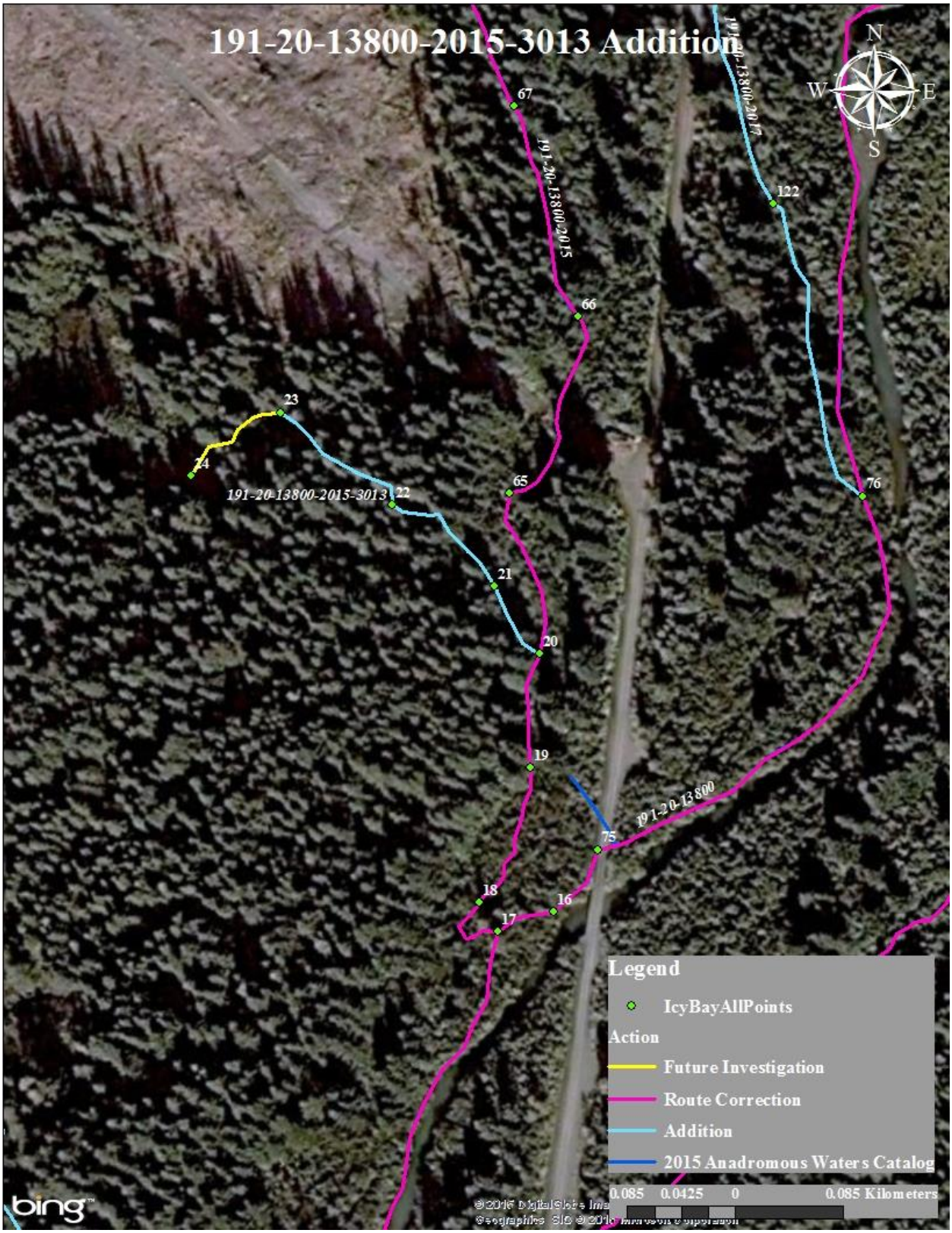

Figure 2.–191-20-13800-2015-3013 addition map.

191-20-13800-2016 CORRECTION

Water body name: **Survey date:** 7/13/2014
Water body number: 191-20-13800-2016 **Species & Lifestage:** COsr
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: We surveyed stream 191-20-13800-2016 using a GPS and handnet (Table 1). We were able to catch rearing coho salmon (Figure 1). The stream had a deep narrow channel for most of it and the water was tannic. The headwater was where rain water was collecting and ground water was upwelling.
Recommendations: Correct the current course in AWC (Figure 2).
Nomination: 14-640

Table 1.–191-20-13800-2016 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
410	59.9666	-141.6761	Mouth of creek into Priest River.		
409	59.9670	-141.6745	Bridge over creek.		
408	59.9698	-141.6672	Beaver check dam.		
407	59.9714	-141.6622	Beaver dam abandoned.		
406	59.9724	-141.6601	Tributary entering river right, providing half of the flow.		
405	59.9724	-141.6594	Change from shallow channel to deep channel. Area possible old beaver pond.		
404	59.9716	-141.6459		VI	2 CO
403	59.9712	-141.6447	Creek flowing towards Priest Creek.		
411	59.9722	-141.6420		HN	1 CO
412	59.9724	-141.6412	Conveyance stream enters. Water flowing over moss. Likely only has flow because of rainfall.	HN	2 CO
413	59.9729	-141.6390		VI	2 CO
414	59.9734	-141.6380	Tributary enter river right, providing half of flow.	HN	2 CO
415	59.9738	-141.6359		VI	3 CO
416	59.9753	-141.6377	Conveyance stream enter river left.	VI	1 CO
417	59.9755	-141.6382	Tributary enters river right.	HN	1 CO
418	59.9759	-141.6388	Top of main stream. Ends in a mushy area where water is collecting from rain and water seeping out of ground.		

Icy Bay

Figure 1.–Rearing coho salmon.

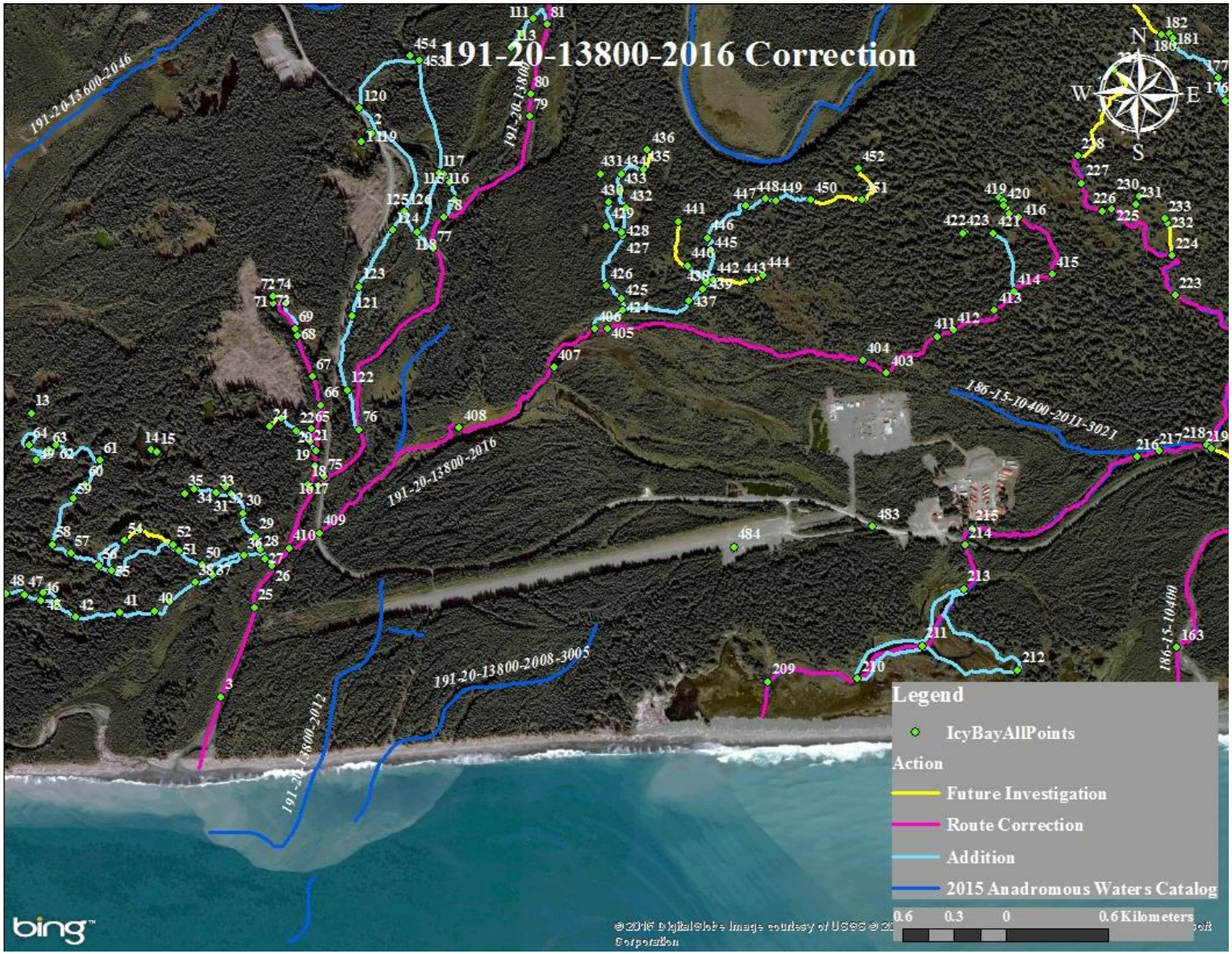

Figure 2.–191-20-13800-2016 correction map.

Icy Bay

Icy Bay

191-20-13800-2016-3151 ADDITION

Water body name: **Survey date:** 7/13/2014
Water body number: 191-20-13800-2016-3151 **Species & Lifestage:** COr
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: We surveyed stream number 191-20-13800-2016-3151 using a GPS and handnet (Table 1). We were able to catch and identify rearing coho salmon (Figure 1). This tributary was providing half of the flow to mainstem. At the end the stream was going through skunk cabbage patches and barely enough flow to keep stream going. Stream going through the skunk cabbage patches is likely dry at low flows.
Recommendations: Add stream to AWC and rearing coho (Figure 2).
Nomination: 14-641

Table 1.–191-20-13800-2016-3151 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
406	59.9724	-141.6601	Tributary entering river right, providing half of the flow.		
424	59.9729	-141.6586	Tributary off tributary that starts at WPT#406.		
437	59.9731	-141.6551		VI	5 CO
438	59.9735	-141.6543	Tributary entering river right.		
442	59.9737	-141.6538	Tributary entering river left.	HN	3 CO
445	59.9745	-141.6539		HN	2 CO
446	59.9748	-141.6541		VI	2 CO
447	59.9756	-141.6521		HN	2 CO
448	59.9758	-141.6510		VI	3 CO
449	59.9758	-141.6505		HN	1 CO
450	59.9758	-141.6486		HN	2 CO
451	59.9758	-141.6460		VI	1 CO
452	59.9766	-141.6462	Calling it here. Water flow has become very low and is now spread out in a skunk cabbage patch. Have not seen or captured a fish in awhile.		

Figure 1.–Captured rearing coho salmon.

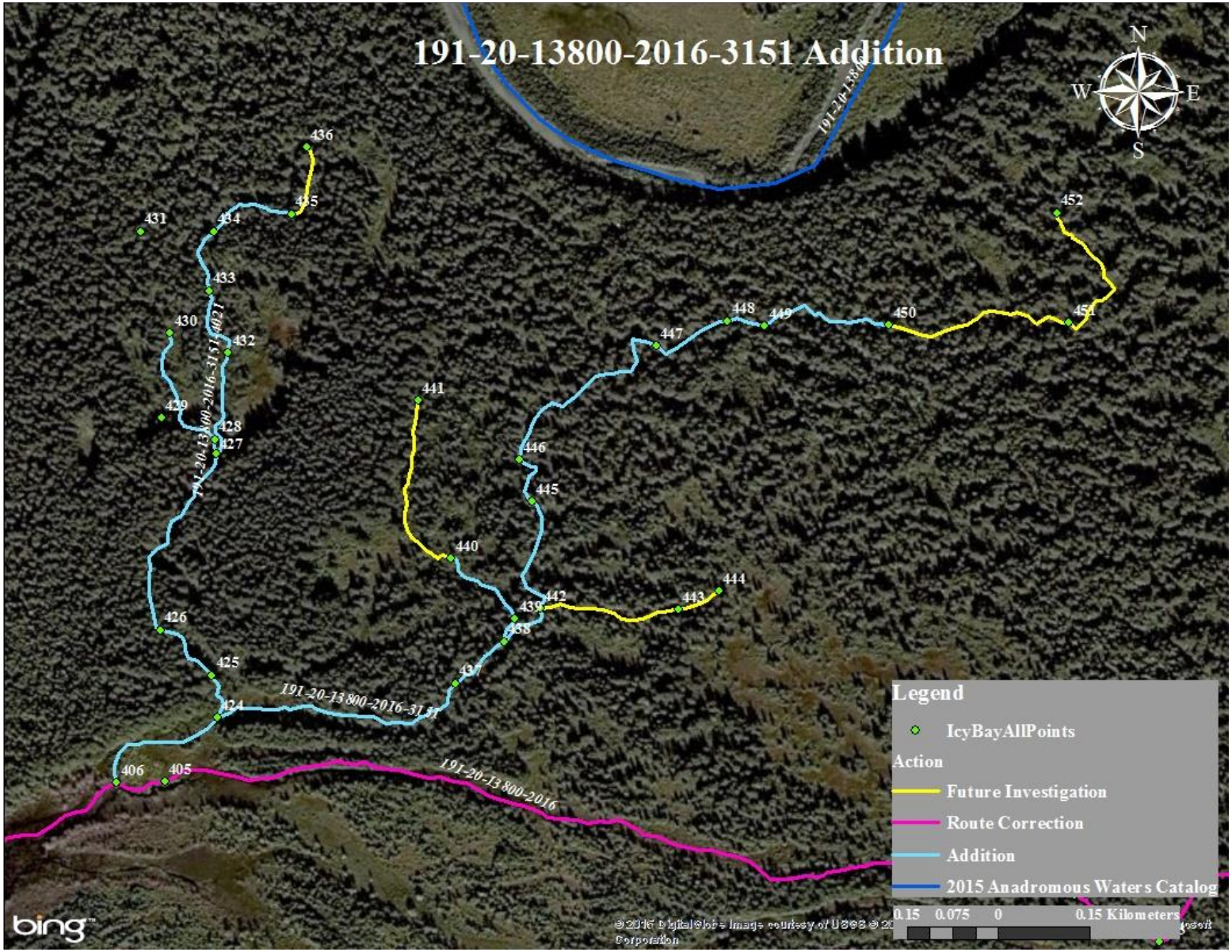

Figure 2.–191-20-13800-2016-3151 addition map.

Icy Bay

191-20-13800-2016-3151-4021 ADDITION

Water body name: **Survey date:** 7/13/2014
Water body number: 191-20-13800-2016-3151-4021 **Species & Lifestage:**
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: We surveyed stream number 191-20-13800-2016-3151-4021 using a GPS and handnet (Table 1). We were able to catch and visually identify rearing coho salmon (Figure 1). We ended the survey after a 1 ½ foot falls when we did not capture or see any more fish.
Recommendations: Add stream to AWC and rearing coho (Figure 2).
Nomination: 14-642

Table 1.–191-20-13800-2016-3151-4021 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
425	59.9732	-141.6587		VI	4 CO
426	59.9735	-141.6594		VI	3 CO
427	59.9748	-141.6586	Tributary entering river right.	HN	2 CO
432	59.9756	-141.6584		HN	3 CO
433	59.9760	-141.6587		HN	1 CO
434	59.9765	-141.6586		VI	3 CO
435	59.9766	-141.6575	There is a large pool here with 1 1/2 foot falls.	HN	2 CO
436	59.9771	-141.6573	Calling it here for tributary. There is still some flow but have not seen or captured any fish above small falls at WPT#435.		

Figure 1.–Some captured rearing coho salmon.

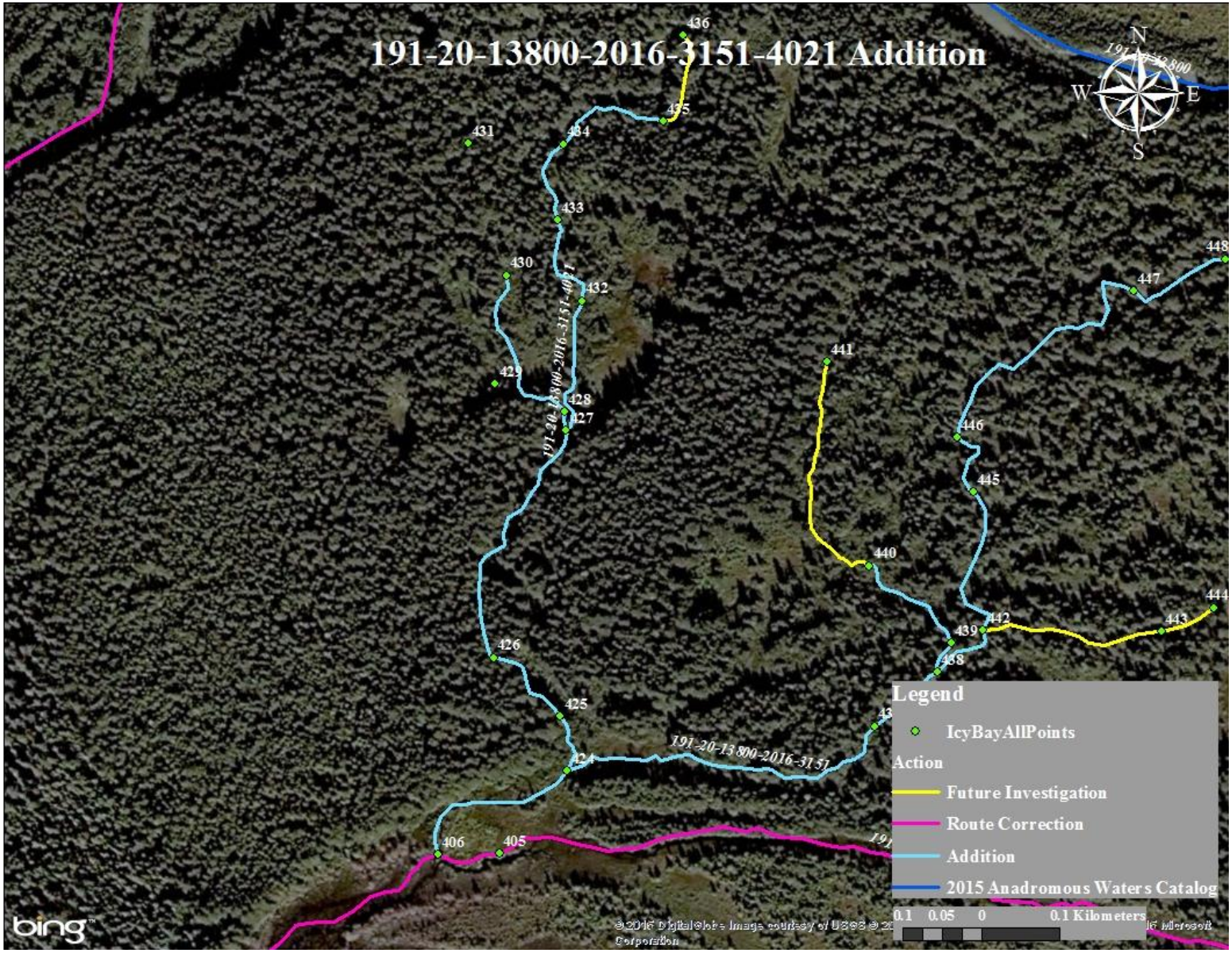

Figure 2.–191-20-13800-2016-3151-4021 addition map.

Icy Bay

191-20-13800-2016-3151-4021-5031 ADDITION

Water body name: **Survey date:** 7/13/2014
Water body number: 191-20-13800-2016-3151-4021-5031 **Species & Lifestage:** COr
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: We surveyed stream number 191-20-13800-2016-3151-4021-5031 using a GPS and handnet (Table 1). We were able to catch rearing coho salmon. We ended the survey after the stream had gone subterranean several times and there was no more flow.
Recommendations: Add stream to AWC and rearing coho (Figure 1).
Nomination: 14-643

Table 1.–191-20-13800-2016-3151-4021-5031 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
427	59.9748	-141.6586	Tributary entering river right.	HN	2 CO
428	59.9749	-141.6586		HN	1 CO
429	59.9751	-141.6594	Top of tributary. Water coming from a marsh area where water spreads out and coming out of ground.		
430	59.9757	-141.6593	Still on tributary from WPT#427.	HN	2 CO
431	59.9765	-141.6597	Stopping on tributary. Water has gone subterranean several times up to this point and water level dropping with each cabbage patch.		

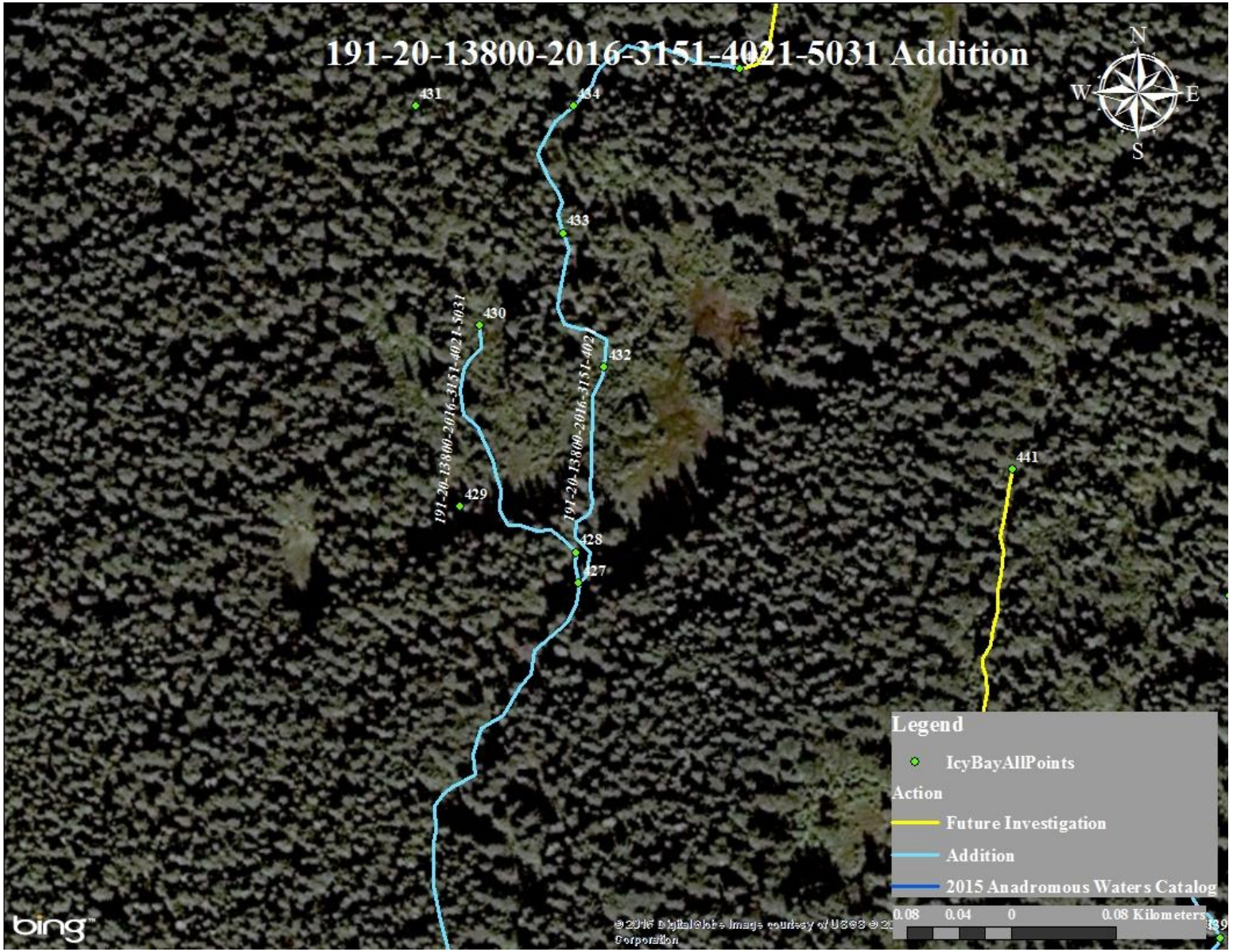

Figure 1.–191-20-13800-2016-3151-4021-5031 addition map.

Icy Bay

191-20-13800-2016-3151-4041 ADDITION

Water body name: **Survey date:** 7/13/2014
Water body number: 191-20-13800-2016-3151-4041 **Species & Lifestage:** COr
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: We surveyed a tributary to stream 191-20-13800-2016 using a GPS and handnet (Table 1). We were able to catch rearing coho salmon. We did not come across a fish barrier on stream, but stopped capturing and seeing fish.
Recommendations: Add stream to AWC and rearing coho (Figure 1).
Nomination: 14-644

Table 1.–191-20-13800-2016-3151-4041 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
438	59.9735	-141.6543	Tributary entering river right.		
439	59.9736	-141.6542		HN	2 CO
440	59.9741	-141.6551		HN	2 CO
441	59.9752	-141.6556	Calling it here for the tributary. The water is still flowing and have not come across a barrier. But have not seen or captured any fish in awhile.		

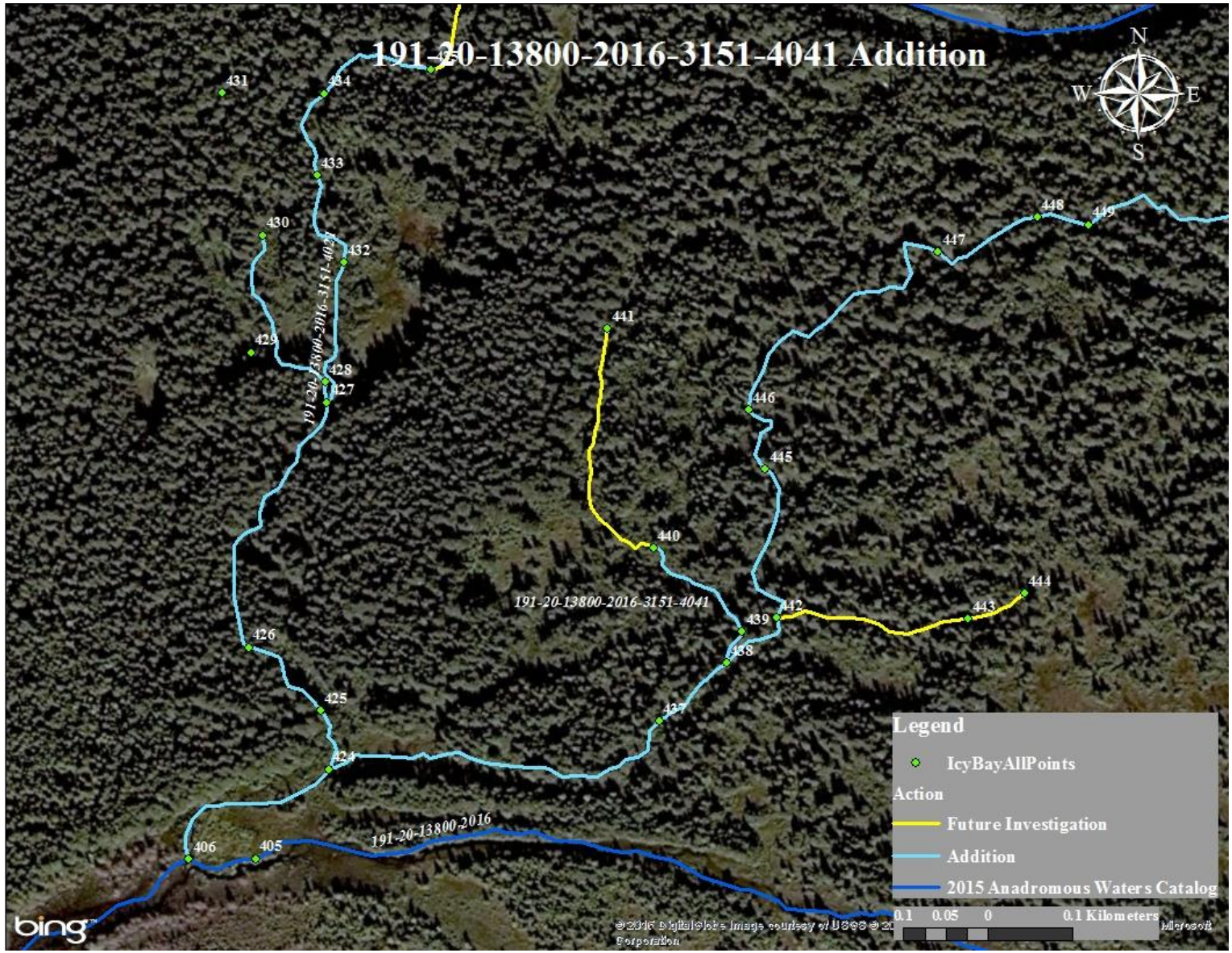

Figure 1.–191-20-13800-2016-3151-4041 addition map.

Icy Bay

191-20-13800-2016-3201 ADDITION

Water body name: **Survey date:** 7/13/2014
Water body number: 191-20-13800-2016-3201 **Species & Lifestage:** COr
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: We surveyed stream number 191-20-13800-2016-3201 using a GPS and handnet (Table 1). We were able to catch rearing coho salmon. We did not come across any fish barrier, but water was spreading out in every skunk cabbage patch and there was no longer a defined channel. Likely that water was only present here because of rainfall the last couple of days.
Recommendations: Add stream to AWC and rearing coho (Figure 1).
Nomination: 14-645

Table 1.–191-20-13800-2016-3201 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
414	59.9734	-141.6380	Tributary enter river right, providing half of flow.	HN	2 CO
421	59.9749	-141.6390	Connect with WPT# 414. On tributary providing half of flow.	HN	2 CO
422	59.9749	-141.6405	Calling it here. There is no barrier but it looks like water is only running because of rainfall. Water spreads out in skunk cabbage patch with water being shallow.		
423	59.9749	-141.6407	GPS shut off made point.		

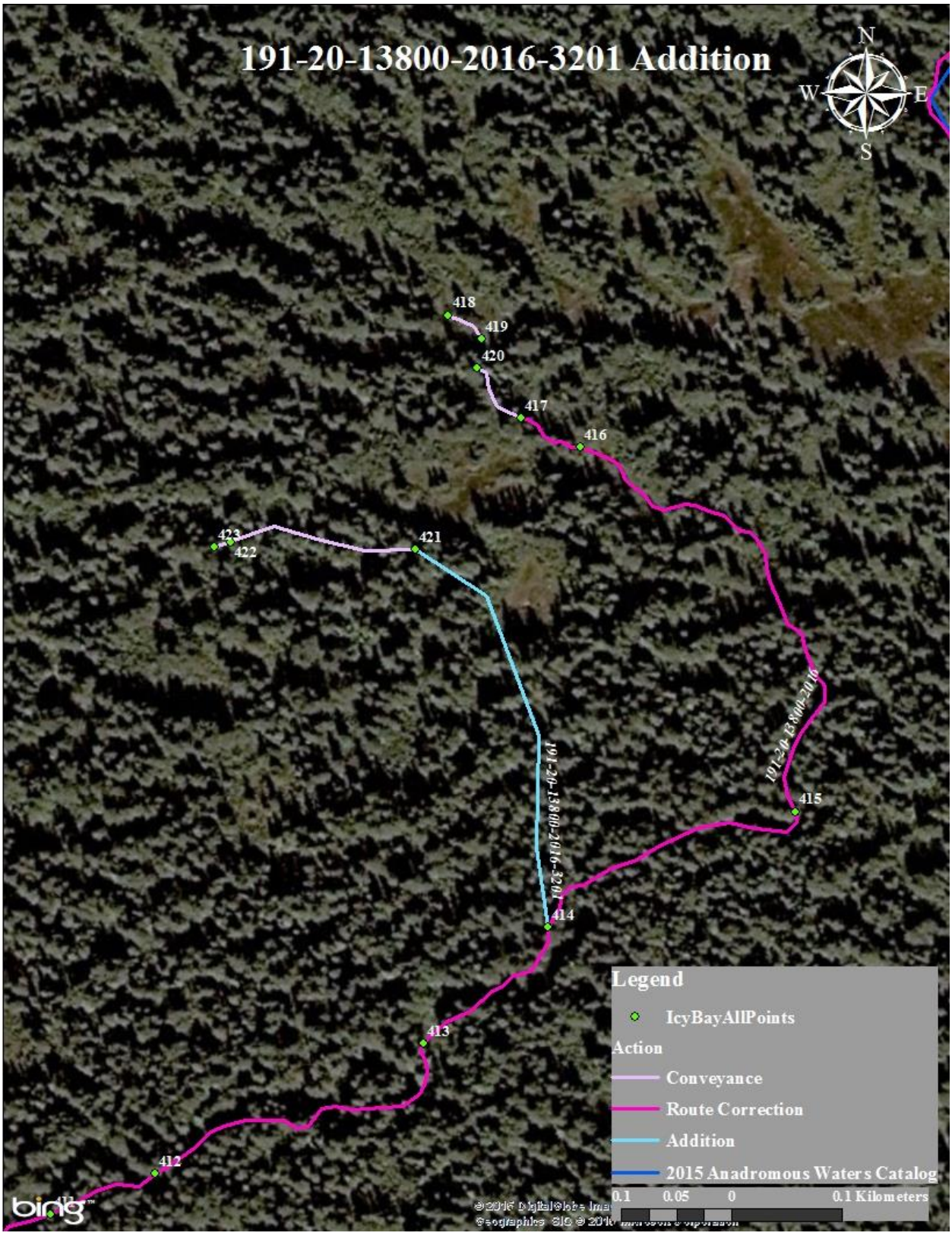

Figure 1.–191-20-13800-2016-3201 addition map.

Icy Bay

191-20-13800-2029 CORRECTION

Water body name: Crystal Creek **Survey date:** 6/9/2014
Water body number: 191-20-13800-2029 **Species & Lifestage:** COrs, DVp
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: We surveyed stream number 191-20-13800-2029 using a GPS and handnet (Table 1). We captured rearing coho salmon. We did not come across any fish barrier, but we were above area that was being considered for logging (Figures 1-3).
Recommendations: Correct the current route in the AWC and rearing coho salmon (Figure 4).
Nomination: 14-646

Table 1.–191-20-13800-2029 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
82	59.9832	-141.6577	Crystal Creek entering Priest River on river right.		
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.	HN	3 CO
86	59.9880	-141.6460		HN	4 CO
87	59.9883	-141.6450	Tributary entering river left. Only 10' 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.	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
96	59.9906	-141.6448		HN	3 CO
97	59.9906	-141.6431	Tributary entering river left. Not tracking and staying on branch.		

Icy Bay

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.

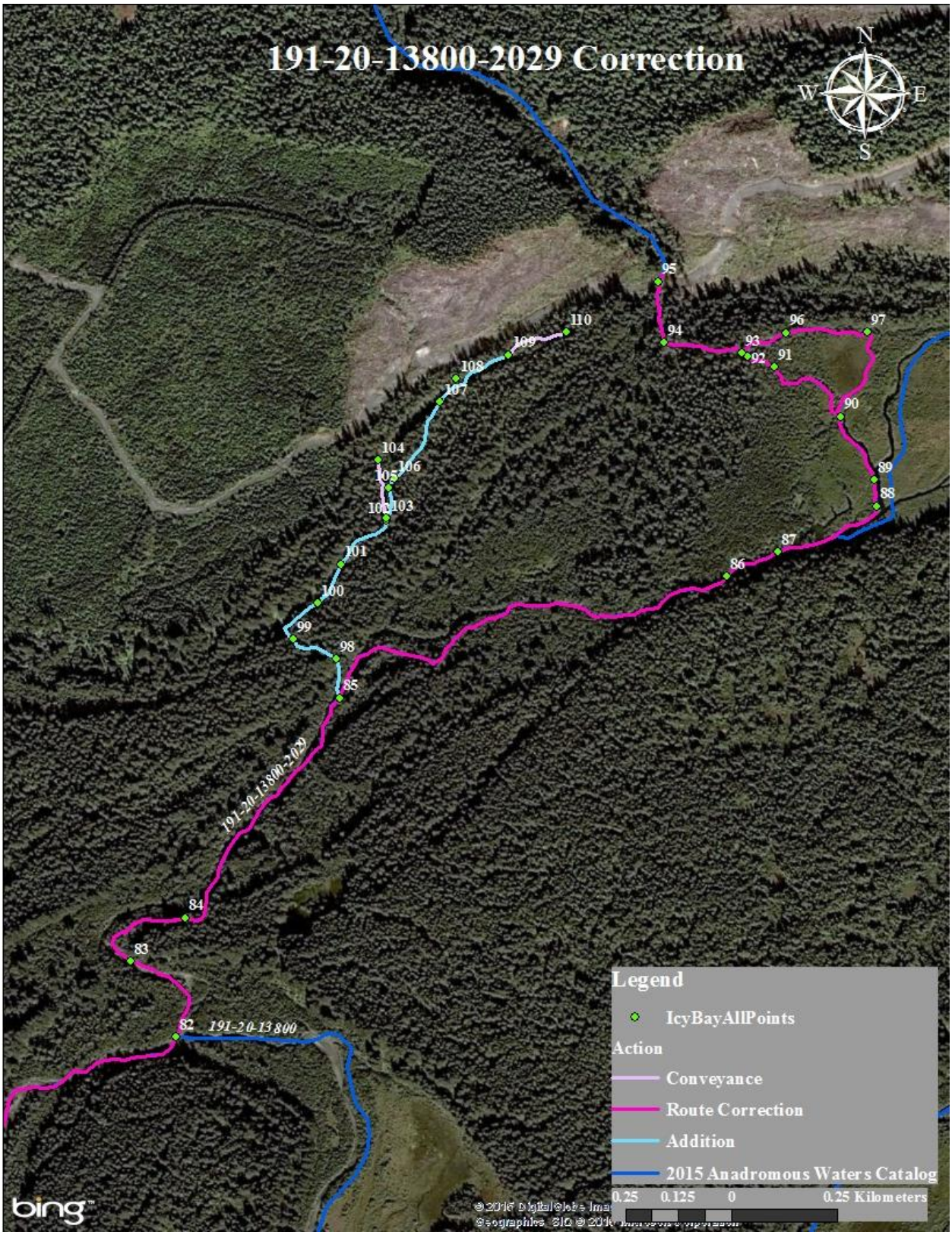

Figure 4.–191-20-13800-2029 route correction map.

Icy Bay

Icy Bay

191-20-13800-2029-3015 ADDITION

Water body name: **Survey date:** 6/9/2014
Water body number: 191-20-13800-2029-3015 **Species & Lifestage:** COr
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: We surveyed stream number 191-20-13800-2029-3015 using a GPS and handnet (Table 1). We were able to catch rearing coho salmon (Figure 1). This was a nice rearing stream for any anadromous fish (Figure 2). We ended the survey at the last skunk cabbage patch were the stream is originating from.
Recommendations: Correct the current route in the AWC and rearing coho salmon (Figure 3).
Nomination: 14-647

Table 1.–191-20-13800-2029-3015 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
85	59.9868	-141.6543	Tributary entering river right.	HN	3 CO
98	59.9872	-141.6543		HN	2 CO
99	59.9874	-141.6552		HN	8 CO
100	59.9878	-141.6547	Tributary entering river right. Conveyance stream.		
101	59.9882	-141.6542		HN	4 CO
102	59.9886	-141.6533		HN	1 CO
103	59.9887	-141.6533	Tributary entering river right.		
105	59.9890	-141.6532		HN	5 CO
106	59.9891	-141.6531	Outlet of a pond.	HN	2 CO
107	59.9899	-141.6521	Small seep out of a skunk cabbage patch entering here.		
108	59.9901	-141.6518	Inlet stream into pond.	HN	1 CO
109	59.9904	-141.6507		HN	3 CO
110	59.9906	-141.6494	Top of tributary. Ends in a string of skunk cabbage. Have not seen or captured fish here. On the edge of an old clear cut.		

Figure 1.–Captured rearing coho salmon.

Figure 2.–The largest pond that stream flowed through.

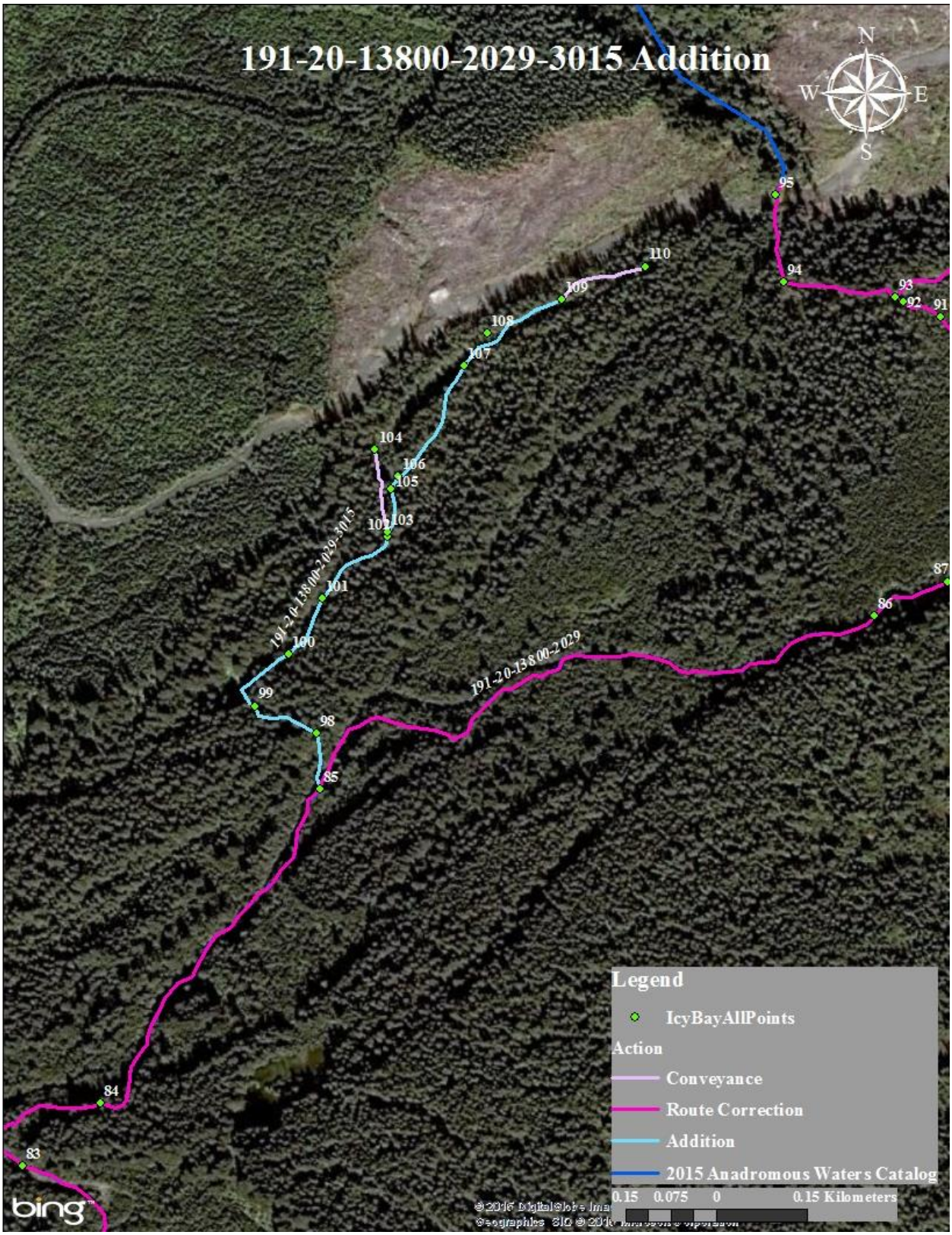

Figure 3.–191-20-13800-2029-3015 addition map.

Icy Bay

Icy Bay

191-20-13800-2038 CORRECTION

Water body name: **Survey date:** 6/11/2014
Water body number: 191-20-13800-2038 **Species & Lifestage:** COsr
Watershed: White River-Frontal Gulf of Alaska
MTR: C022S022E **Quad:** Icy Bay D-2
Findings: We surveyed stream 191-20-13800-2038 using a GPS and handnet (Table 1). We walked the stream to correct the current route in the anadromous waters catalog (Figure 1). This is a branch of the Priest River.
Recommendations: Please correct this stream in the AWC (Figure 2).
Nomination: 14-649

Table 1.–191-20-13800-2038 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
163	59.9640	-141.6294	Mouth of Watson Creek.		
164	59.9728	-141.6145	Road bridge over Watson Creek.		
165	59.9737	-141.6137	Tributary channel on river left, but stream is dry.		
166	59.9738	-141.6138	Tributary entering river right.		
186	59.9753	-141.6115	Possible second place that Wanton Creek entering.		
185	59.9760	-141.6118	Wanton Creek entering river left.		
184	59.9809	-141.6238	Branch of Priest River.		

Figure 1.–Looking upstream on the east branch of Priest River.

Figure 2.–191-20-13800-2038 route correction map.

Icy Bay