










Appendix M: Petersburg

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



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 | electrofishing |
| 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.

PETERSBURG SURVEYS

Petersburg, population 2,964, is located on the northwest end of Mitkof Island, where the Wrangell Narrows meet Frederick Sound (Figure 1). It lies midway between Juneau and Ketchikan, about 120 miles from either community.¹

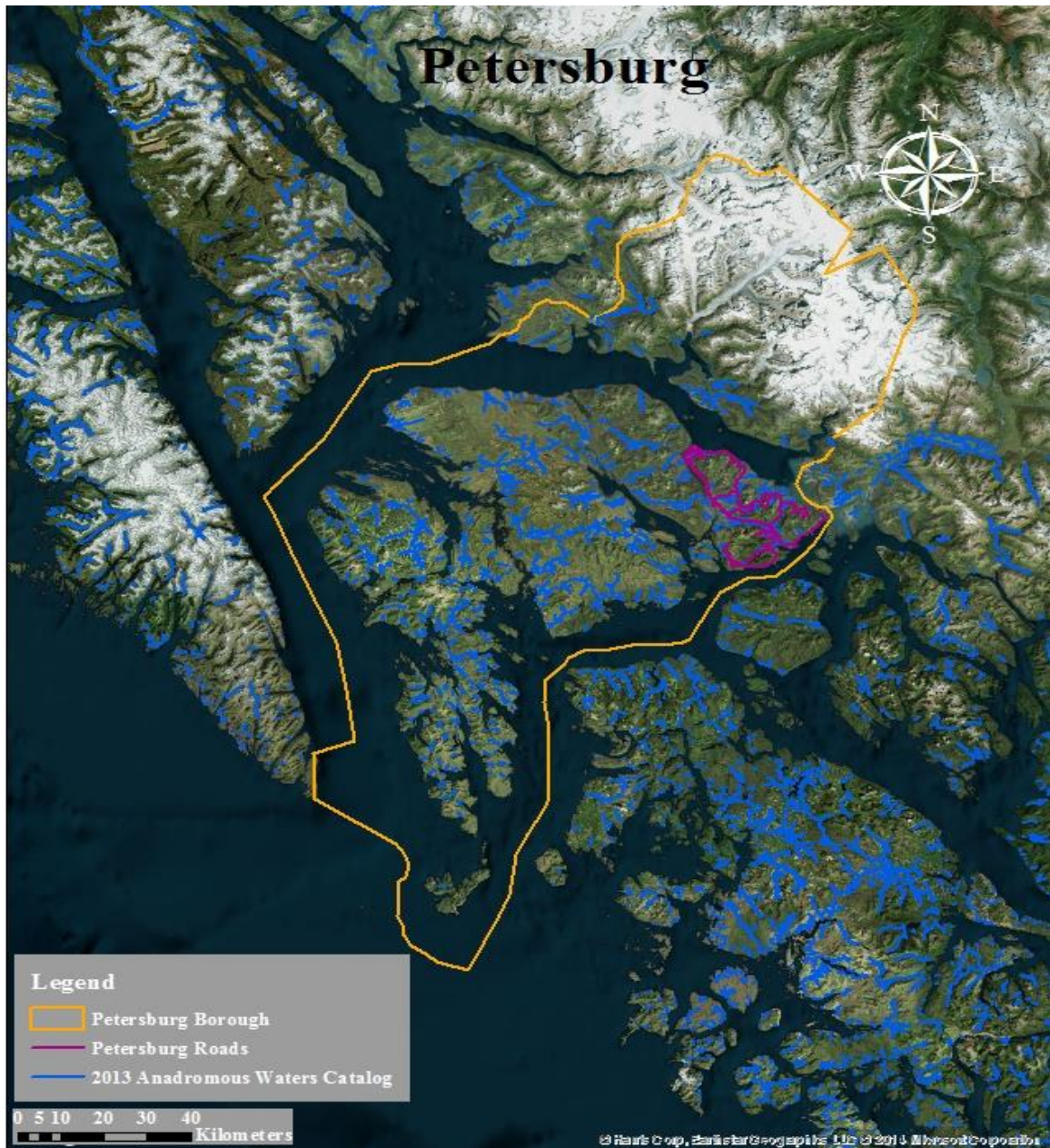


Figure 1.—Petersburg survey map.

¹ State of Alaska Department of Commerce, Community, and Economic Development, Division of Community and Regional Affairs database. Available from: <http://www.commerce.state.ak.us/cra/DCRAExternal/Community/Details/78593b20-120d-43e3-ae1d-d75cdcaccfac>. (Accessed June 24, 2015).

Petersburg

106-44-10010

CORRECTION

Water body name:

Survey date: 7/2/2013

Water body number: 106-44-10010

Species & Lifestage: COp, Ps, DVp

Watershed: Petersburg Creek-Frontal Wrangell Narrows

MTR: C058S079E **Quad:** Petersburg D-3

Findings: We tracked this stream with a GPS and found the route differs from what is documented in the AWC (Table 1). We passed through a culvert under driveway to city maintenance yard (Figure 1). Stream continues to airport property boundary where we ended our survey (Figure 2).

Recommendations: Update the current route in the AWC (Figure 3).

Nomination: 14-569

Table 1.—106-44-10010 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|--|---------------|----------------|
| 1 | 56.8091 | -132.9562 | Hammer Slough. | | |
| 2 | 56.8072 | -132.9541 | Inlet of tributary coming from culvert, probably near airport. | | |
| 3 | 56.8074 | -132.9538 | Culvert outlet. | | |
| 4 | 56.8078 | -132.9530 | Inlet of culvert probably 150 ' in length. | | |
| 5 | 56.8051 | -132.9441 | 3-way tributaries here. | | |
| 6 | 56.8048 | -132.9394 | End of Hammer Slough fork. Chain link fence is a barrier. Totally clogged with debris. | | |



Figure 1.—Downstream side of 150' culvert.



Figure 2.—Chain link fence clogged with debris around airport.

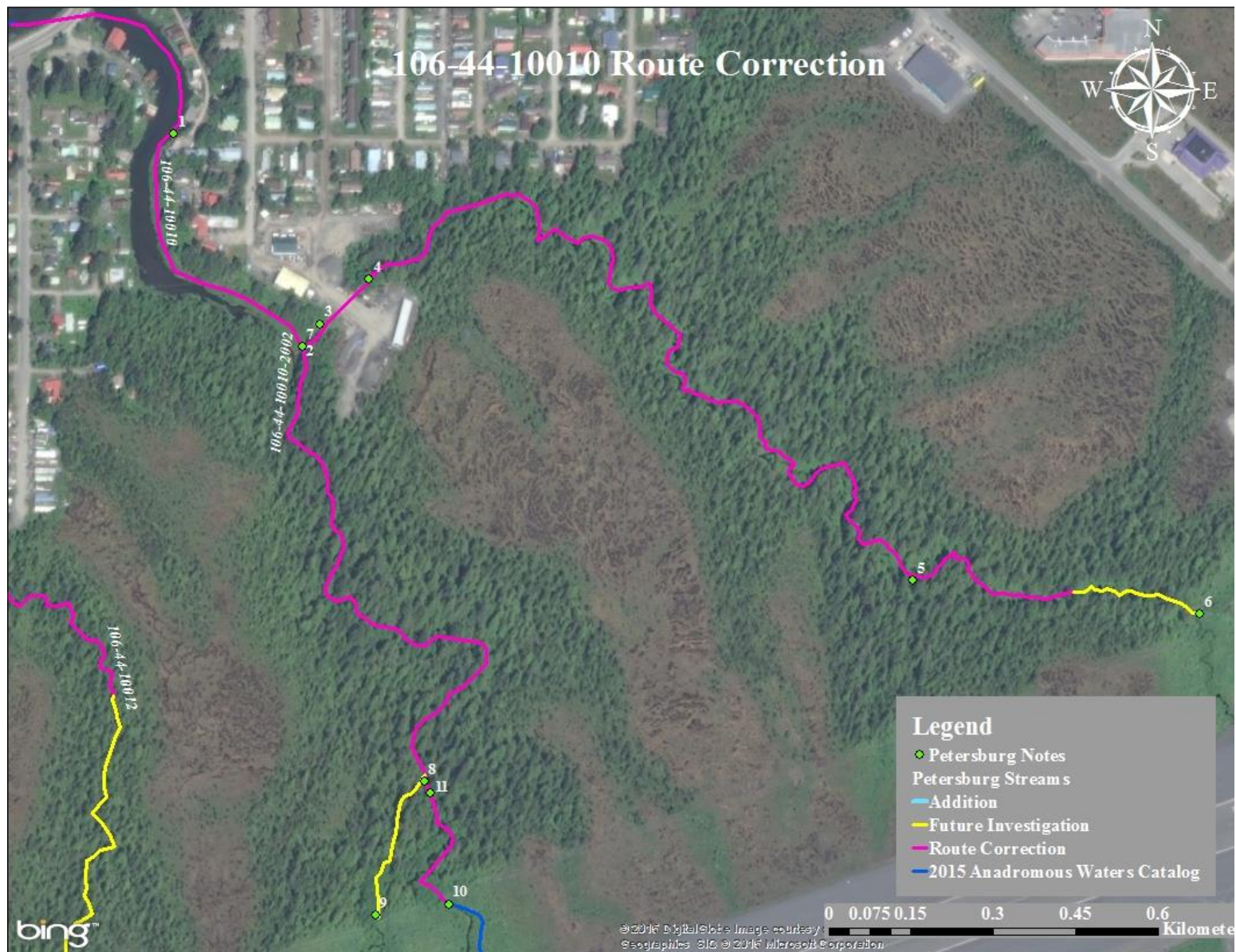


Figure 3.-106-44-10010 route correction map.

Petersburg

106-44-10010-2002

CORRECTION

Water body name:

Survey date: 7/2/2013

Water body number: 106-44-10010-2002

Species & Lifestage: COp, Ps, DVp

Watershed: Petersburg Creek-Frontal Wrangell Narrows

MTR: C058S079E **Quad:** Petersburg D-3

Findings: We tracked this stream with a GPS and found the route differs from what is documented in the AWC (Table 1). We surveyed this stream up to the airport property line and found a large build-up of dead vegetation on fence (Figure 1).

Recommendations: Update the route for 106-44-10010-2002 in AWC (Figure 2).

Nomination: 14-570

Table 1.—106-44-10010-2002 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|--|---------------|----------------|
| 7 | 56.8072 | -132.9541 | Back on tributary. | | |
| 8 | 56.8033 | -132.9521 | Tributary on river left. Heading up to airport. | | |
| 9 | 56.8021 | -132.9529 | Top of tributary. Fence barrier again. | | |
| 10 | 56.8022 | -132.9517 | Fence at airport. Could be barrier at certain flows and when packed with debris. Top of second fork. | | |
| 11 | 56.8032 | -132.9520 | Back at confluence with tributaries. Fed CO here. | VI | CO |



Figure 1.—Fence that surrounds airport in stream 106-11-10010-2002. We did not survey above the fence.

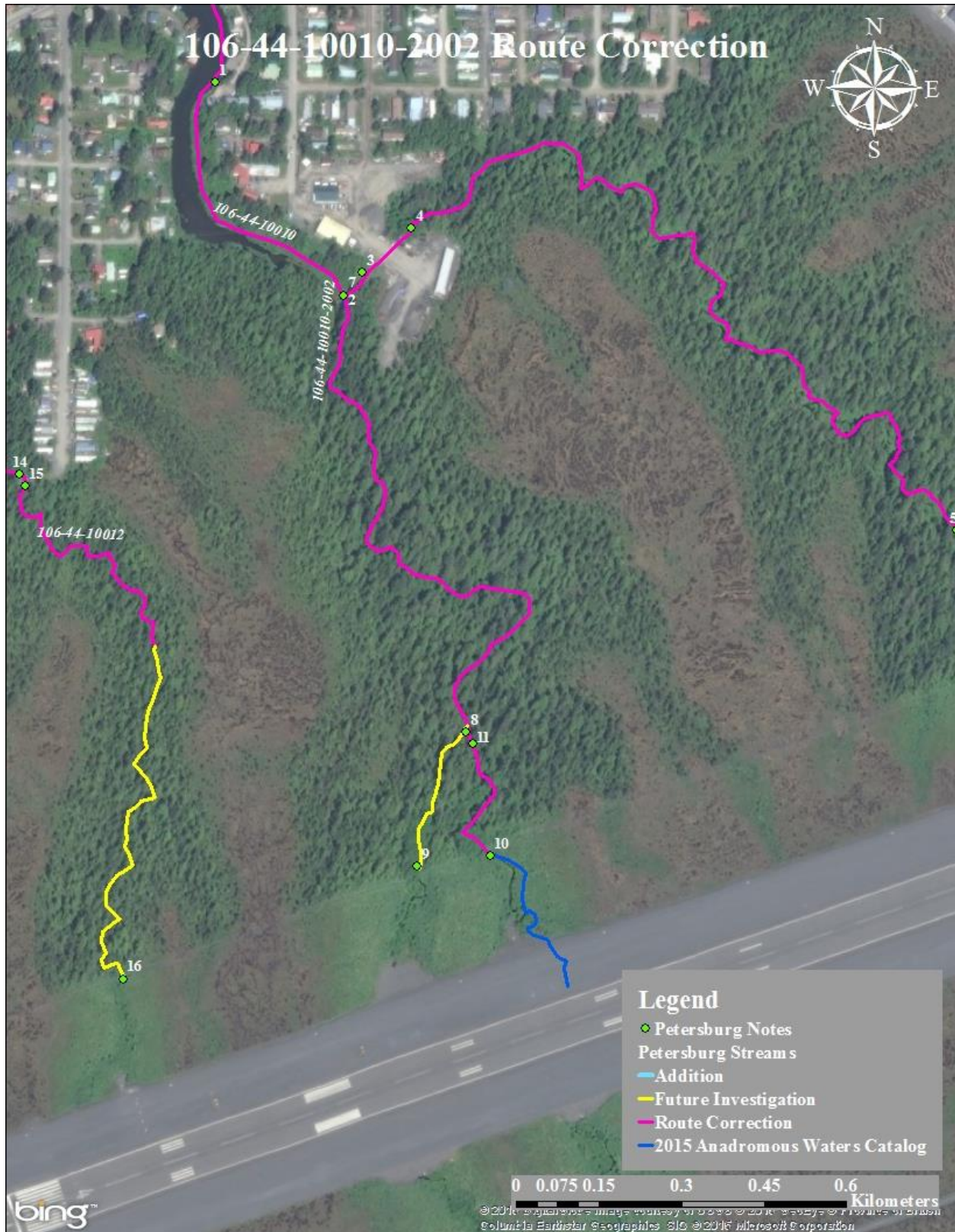


Figure 2.—106-44-10010-2002 route correction map.

Petersburg

106-44-10012

CORRECTION

Water body name:

Water body number: 106-44-10012

Watershed: Petersburg Creek-Frontal Wrangell Narrows

MTR: C058S079E **Quad:** Petersburg D-3

Survey date: 7/2/2013

Species & Lifestage: CO

Findings: We tracked this stream with a GPS and found the route differs from what is documented in the AWC (Table 1). The culvert under highway was large a sufficient for fish passage, but likely only fish migration during high tide (Figure 1).

Recommendations: Update the route for 106-44-10012 in the AWC (Figure 2).

Nomination: 14-571

Table 1.—106-44-10012 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 12 | 56.8094 | -132.9607 | Culvert outlet under Nordic Drive. | | |
| 13 | 56.8093 | -132.9606 | Inlet of pipe. | | |
| 14 | 56.8056 | -132.9594 | Outlet of culvert. | | |
| 15 | 56.8055 | -132.9593 | Inlet of culvert. | | |
| 16 | 56.8011 | -132.9577 | At fence line on Airport. Long stream! | | |



Figure 1.—Outlet of culvert under Nordic Drive.



Figure 2.—106-44-10012 route correction map.

Petersburg

106-44-10020

CORRECTION

Water body name:

Survey date: 7/27/2013

Water body number: 106-44-10020

Species & Lifestage: CO

Watershed: Petersburg Creek-Frontal Wrangell Narrows

MTR: C059S079E **Quad:** Petersburg D-3

Findings: We surveyed stream 106-44-10020 and caught coho salmon, Dolly Varden char, and cutthroat trout using a backpack electrofisher and a GPS (Table 1), (Figure 1). The culvert that is under Mitkof Highway has baffles in it (Figure 2). We ended the survey because substrate not suitable for spawning and had stopped capturing anadromous fish.

Recommendations: Update the stream course in AWC (Figure 3).

Nomination: 14-546

Table 1.–106-44-10020 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|--|---------------|----------------|
| 221 | 56.7803 | -132.9711 | Mouth of stream going into Wrangell Narrows. | | |
| 222 | 56.7810 | -132.9709 | Outlet of culvert. There are baffles in culvert. | | |
| 223 | 56.7811 | -132.9706 | Inlet of culvert. | | |
| 224 | 56.7818 | -132.9668 | Tributary entering river left. | | |
| 236 | 56.7820 | -132.9667 | Outlet of culvert. | | |
| 237 | 56.7828 | -132.9637 | Tributary entering river left, but not tracking because only about 10 ' long. | | |
| 238 | 56.7836 | -132.9620 | Tributary entering river left. | | |
| 241 | 56.7842 | -132.9610 | | EF | 2 CO, 1 CT |
| 242 | 56.7846 | -132.9604 | | EF | 2 DV |
| 243 | 56.7850 | -132.9604 | Calling the top of this stream. The substrate is not suitable for spawning, but rearing fish could possibly make use. Have not captured a CO in a while. | EF | 1 DV, 1 CT |



Figure 1.–Rearing coho salmon.



Figure 2.–Bafled culvert under Mitkof Hwy.

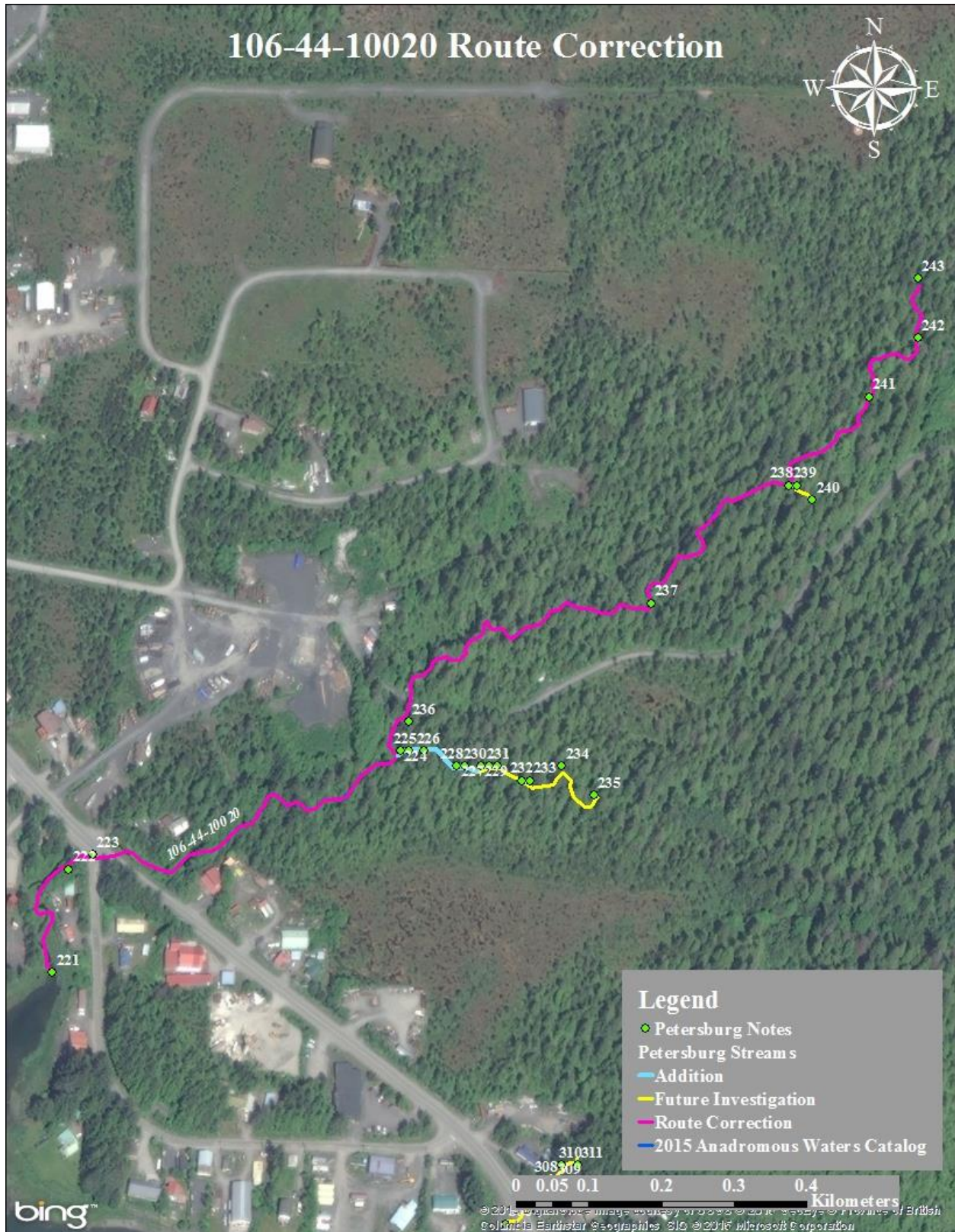


Figure 3.–106-44-10020 route correction map.

Petersburg

106-44-10020-2018**ADDITION****Water body name:****Survey date:** 7/27/2013**Water body number:** 106-44-10020-2018**Species & Lifestage:** COr, CTp, DVp**Watershed:** Petersburg Creek-Frontal Wrangell Narrows**MTR:** C059S079E **Quad:** Petersburg D-3

Findings: We surveyed this stream using a backpack electrofisher and a GPS (Table 1). We captured coho salmon, Dolly Varden char, and cutthroat trout. We ended the survey due to stream going subterranean.

Recommendations: Add stream to AWC (Figure 1).

Nomination: 14-547

Table 1.—106-44-10020-2018 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|--|---------------|----------------|
| 224 | 56.7818 | -132.9668 | Tributary entering river left. | | |
| 225 | 56.7818 | -132.9667 | | EF | 1 CT |
| 226 | 56.7818 | -132.9665 | | EF | 2 CO, 1 CT |
| 227 | 56.7817 | -132.9661 | There was about a 20 ' section between WPT 226 and 227 that was under a root wad complex and lost sight of stream. | | |
| 228 | 56.7817 | -132.9660 | | EF | 1 DV, 1 CT |
| 229 | 56.7817 | -132.9658 | | EF | 1 CO, 1 DV |
| 230 | 56.7817 | -132.9657 | Goes subterranean. | | |
| 231 | 56.7817 | -132.9656 | Resurface. | EF | 1 CT, 2 DV |
| 232 | 56.7816 | -132.9653 | | EF | 1 CT |
| 233 | 56.7816 | -132.9652 | We have been hitting quite a few subterranean and surface sections. | EF | 1 CO |
| 234 | 56.7817 | -132.9648 | | EF | 2 DV |
| 235 | 56.7815 | -132.9644 | Calling it the top of the tributary. Becoming increasingly subterranean and harder and harder to locate. | EF | 1 CT |



Figure 1.—106-44-10020-2018 addition map.

Petersburg

106-44-10040

CORRECTION

Water body name: Twin Creek

Survey date: 7/18/2013

Water body number: 106-44-10040

Species & Lifestage: CHp, COp, Pp

Watershed: Petersburg Creek-Frontal Wrangell Narrows

MTR: C059S079E **Quad:** Petersburg C-3

Findings: We surveyed Twin Creek and visually identified coho salmon (Table 1). There are green algae growing on the substrate a distance up the stream (Figure 1). We ended the survey at bedrock cascade that at low flows is a barrier, but at higher flows may not be a barrier (Figure 2).

Recommendations: Correct the current stream route in the AWC (Figure 3).

Nomination: 14-566

Table 1.—106-44-10040 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|--|---------------|----------------|
| 1 | 56.7202 | -132.9294 | Twin Creek Bridge. Heading upstream to look for tributaries. | | |
| 2 | 56.7202 | -132.9232 | A lot of green algae growing on rocks. | VI | CO |
| 3 | 56.7201 | -132.9153 | Bedrock cascade about 100ft long. | | |

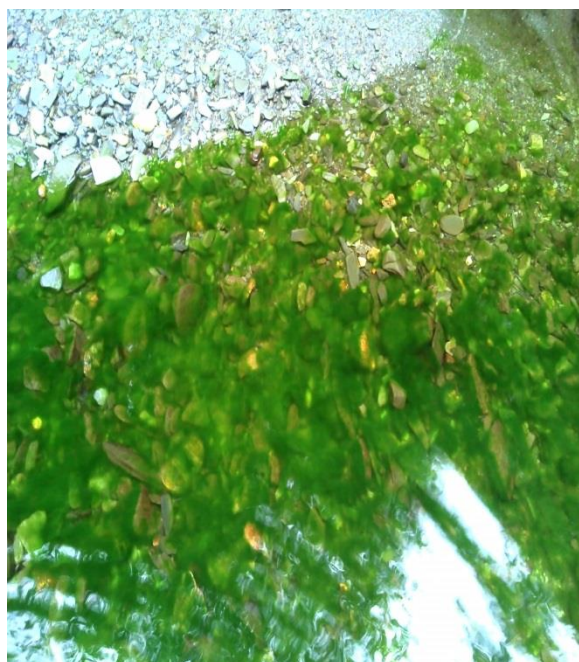


Figure 1.—Green algae on substrate.

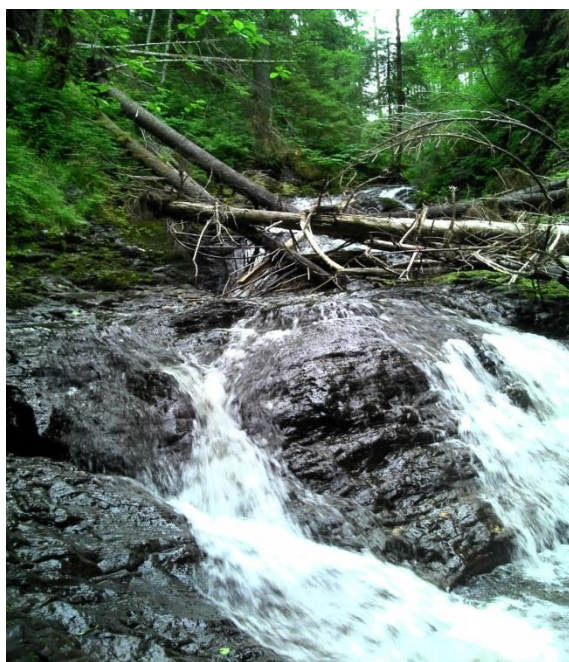


Figure 2.—Bedrock cascade.

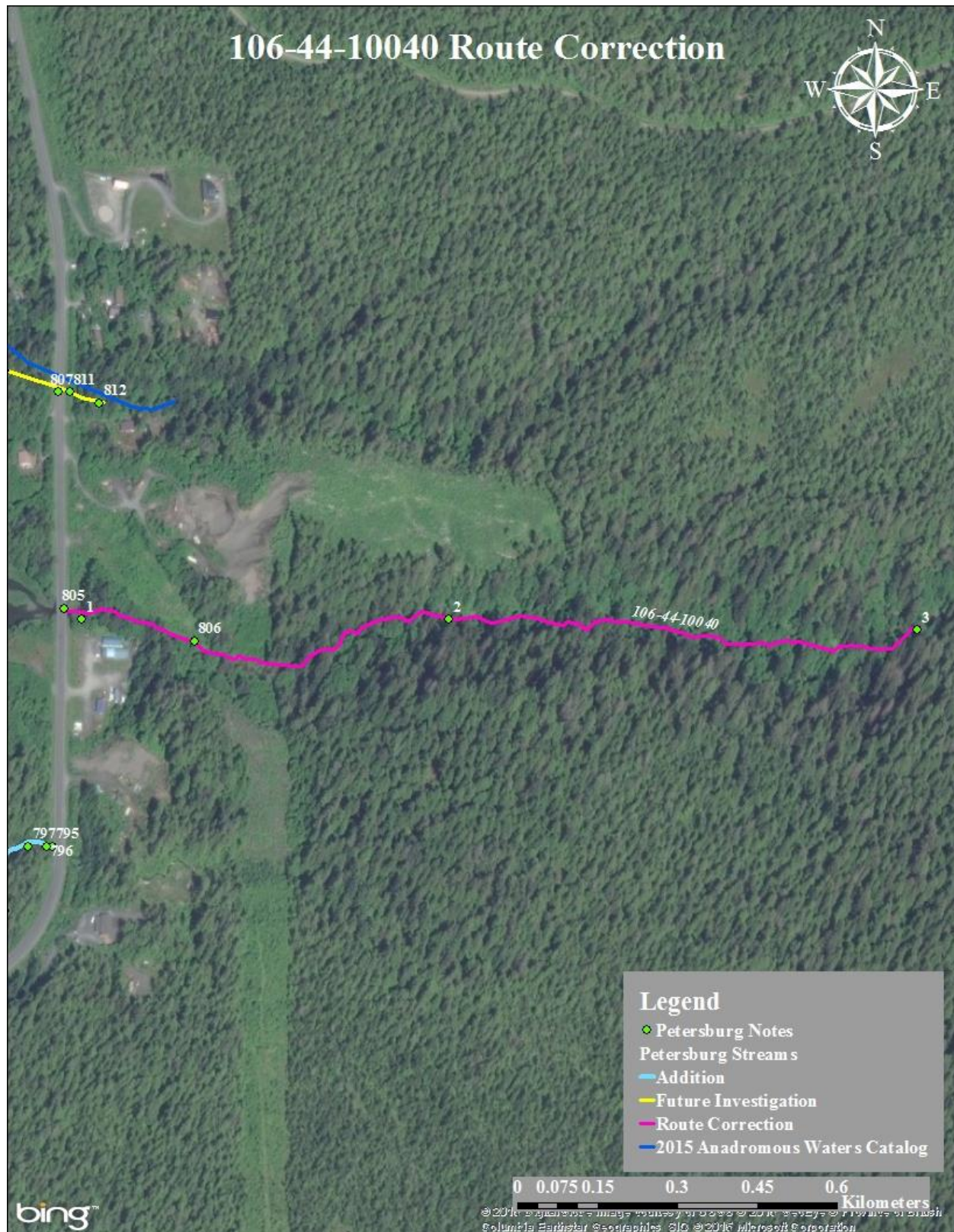


Figure 3.—106-44-10040 route correction map.

Petersburg

106-44-10050**CORRECTION****Water body name:****Survey date:** 7/28/2013**Water body number:** 106-44-10050**Species & Lifestage:** COp, Ps**Watershed:** Petersburg Creek-Frontal Wrangell Narrows**MTR:** C059S079E **Quad:** Petersburg C-3**Findings:** We surveyed this stream using a backpack electrofisher and GPS (Table 1). We captured one Dolly Varden char.**Recommendations:** Update stream route in the AWC (Figure 1).**Nomination:** 13-586

Table 1.—106-44-10050 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 259 | 56.7080 | -132.9394 | Intertidal zone with creek and ocean. | | |
| 258 | 56.7089 | -132.9365 | Outlet of ~ 2 ft. culvert under Mitkof Highway. | | |
| 791 | 56.7090 | -132.9365 | Inlet of culvert. The downstream portion has been tracked and cataloged. | | |
| 792 | 56.7090 | -132.9362 | | EF | 1 DV |
| 793 | 56.7091 | -132.9353 | Stopping here due to a perched culvert on downstream end. Great looking spawning and rearing habitat. | EF | No Fish |
| 794 | 56.7088 | -132.9367 | Outlet of culvert. Perched about 2ft. Possible fish barrier. | | |

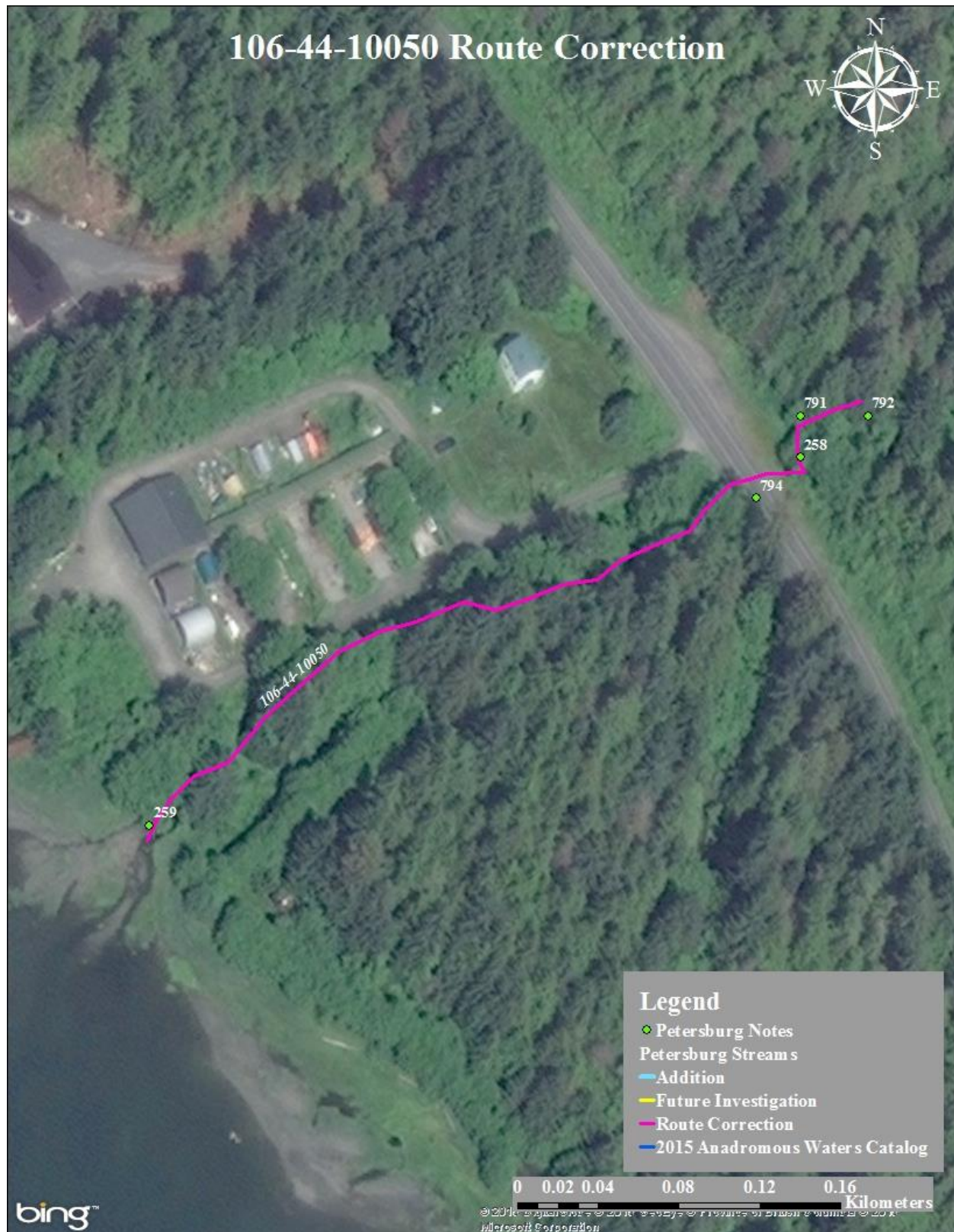


Figure 1.—106-44-10050 route correction map.

Petersburg

106-44-10060**CORRECTION****Water body name:** Falls Creek**Survey date:** 7/13/2013**Water body number:** 106-44-10060 **Species & Lifestage:** CHp, COp, Pp, Sp, CTp, DVp, SHp**Watershed:** Petersburg Creek-Frontal Wrangell Narrows**MTR:** C059S080E **Quad:** Petersburg C-3

Findings: We surveyed upper portion of Falls Creek using a GPS to update the route in Anadromous Water Catalog and find tributaries (Table 1). We started at the confluence of Falls Creek and Frenchy Creek and tracked upstream to bridge on Frederick Sound Drive (Figure 1). We ended the survey at the bridge on Frederick Sound Drive.

Recommendations: Correct the route of the upper portion of Falls Creek in the AWC (Figure 2).

Nomination: 14-560

Table 1.–106-44-10060 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|--|---------------|----------------|
| 45 | 56.6999 | -132.8138 | Tributary on river right. | | |
| 46 | 56.7008 | -132.8066 | On Falls Creek, heading up. | | |
| 47 | 56.7019 | -132.8028 | Steep little tributary on river right. | | |
| 48 | 56.7023 | -132.8025 | Tiny tributary, river right. | | |
| 49 | 56.7063 | -132.8035 | Large tributary leading into beaver dam. | | |
| 50 | 56.7075 | -132.8077 | Possible tributary. | | |
| 51 | 56.7136 | -132.8134 | Tributary end is beaver pond. Steep grass choked dam. | | |
| 52 | 56.7111 | -132.8156 | Back on mainstem. | | |
| 53 | 56.7131 | -132.8192 | Possible tributary on river right. | | |
| 54 | 56.7132 | -132.8200 | Another possible tributary. | | |
| 55 | 56.7135 | -132.8213 | Culvert on Falls Creek. | | |



Figure 1.–Looking upstream on Falls Creek.

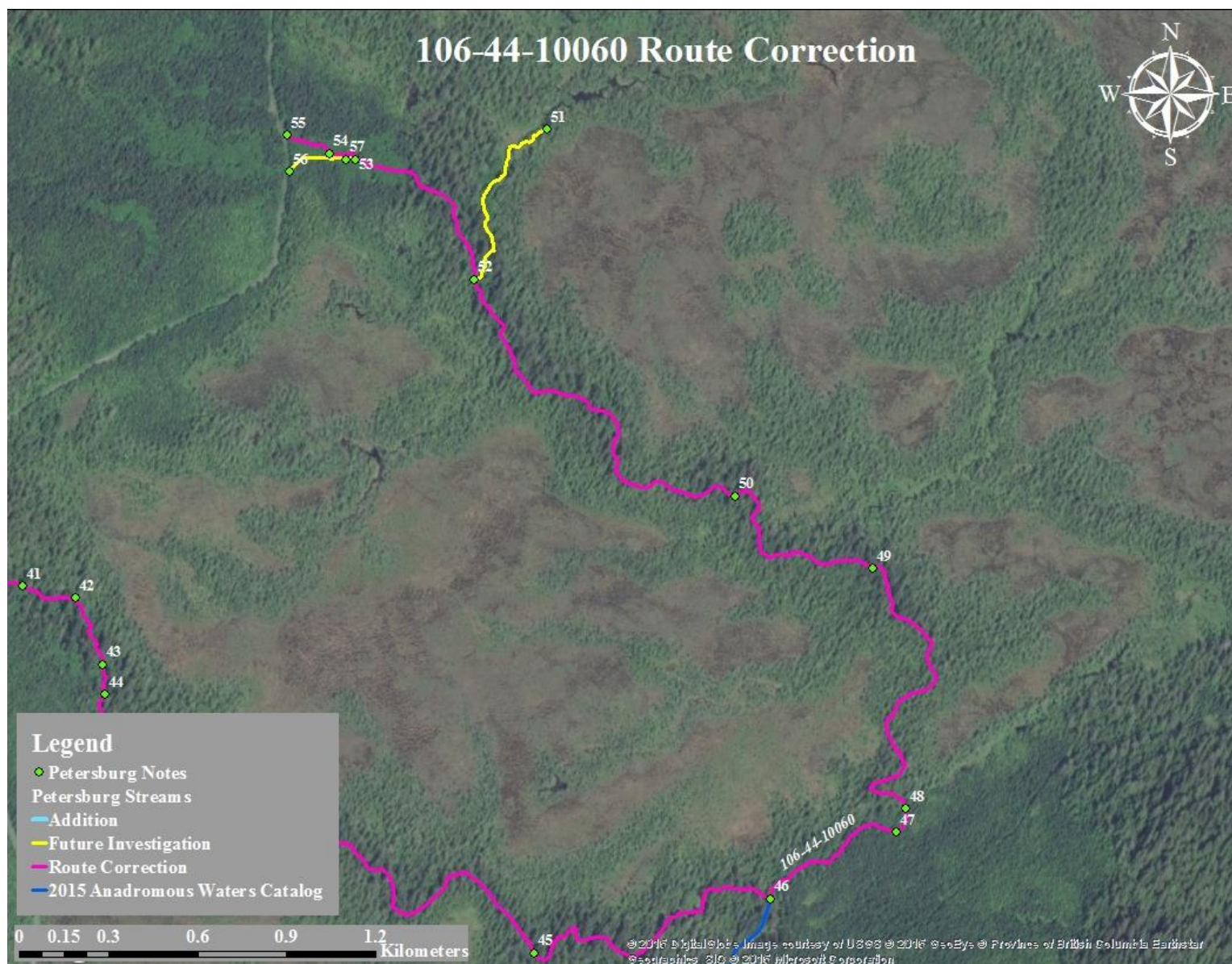


Figure 2.—106-44-10060 route correction map.

Petersburg

106-44-10060-2019**CORRECTION****Water body name:** Frenchy Creek**Survey date:** 7/13/2013**Water body number:** 106-44-10060-2019**Species & Lifestage:** COp**Watershed:** Petersburg Creek-Frontal Wrangell Narrows**MTR:** C060S080E **Quad:** Petersburg C-3

Findings: We surveyed Frenchy Creek using a GPS to update route in Anadromous Water Catalog (Table 1). We started at the barrier falls where Forest Service road crosses creek and we followed stream to confluence of Frenchy and Falls Creek. We ended the survey at the confluence of Frenchy and Falls Creek.

Recommendations: Correct the current route in the AWC (Figure 1).

Nomination: 14-548

Table 1.–106-44-10060-2019 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|--|---------------|----------------|
| 40 | 56.7057 | -132.8324 | Waterfall barrier. Heading down to Falls Creek and Frenchy Creek confluence. | | |
| 41 | 56.7060 | -132.8293 | Large cobbles, not great spawning habitat. | | |
| 42 | 56.7058 | -132.8277 | Tributary coming in on river left. | | |
| 43 | 56.7047 | -132.8269 | Tributary on river right. | | |
| 44 | 56.7042 | -132.8268 | Tributary on river left. | | |
| 45 | 56.6999 | -132.8138 | Tributary on river right. | | |
| 46 | 56.7008 | -132.8066 | On Falls Creek, heading up. | | |

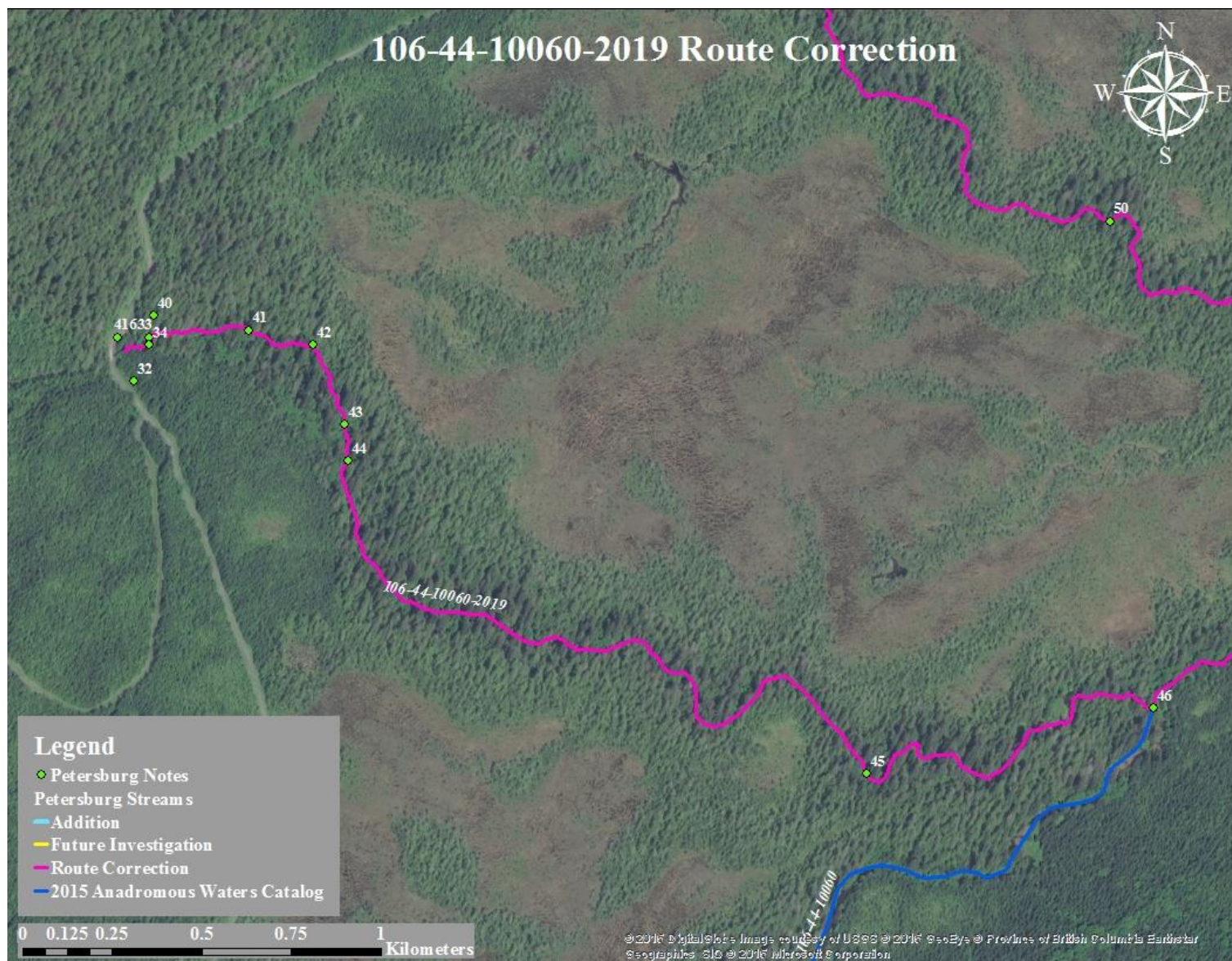


Figure 1.–106-44-10060-2019 route correction map.

Petersburg

106-44-10065**CORRECTION****Water body name:****Survey date:** 6/20/2013**Water body number:** 106-44-10065**Species & Lifestage:** CO**Watershed:** Frontal Wrangell Narrows**MTR:** C060S080E **Quad:** Petersburg C-3

Findings: We surveyed this stream with a GPS and found that this stream's route differs from that illustrated in the AWC (Table 1). We found a manmade structure that is a barrier to fish passage. Appears to be a makeshift dam (Figures 1, 2).

Recommendations: Update this stream's course to reflect its sinuosity in the AWC (Figure 3).

Nomination: 13-523

Table 1.—106-44-10065 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 752 | 56.6748 | -132.9170 | Outlet of culvert near Papke's Landing Rd. Little water and flow. | | |
| 753 | 56.6746 | -132.9248 | Two 8' pieces of plywood are installed with four pipes across creek. This structure blocks all fish passage. There are 2 small gaps on each end which might allow fish to pass at high water. | | |
| 754 | 56.6740 | -132.9282 | Water intake. A small pool was created by making two rock dams within the stream. 1" PVC pipe is connected to a plastic container with screen mesh at the end. | | |
| 755 | 56.6742 | -132.9296 | Inlet of culvert under Papke's Landing Rd. First visual on CO about 35mm. Intake pipes (2) are still here going through | VL | 1 CO |
| 756 | 56.6742 | -132.9300 | Outlet of culvert. There is a corrugated metal culvert within a large baffled iron culvert. Tide comes up to here. | | |



Figure 1.—Plywood structure in stream. Blocks fish passage.



Figure 2.—Base of structure in stream.

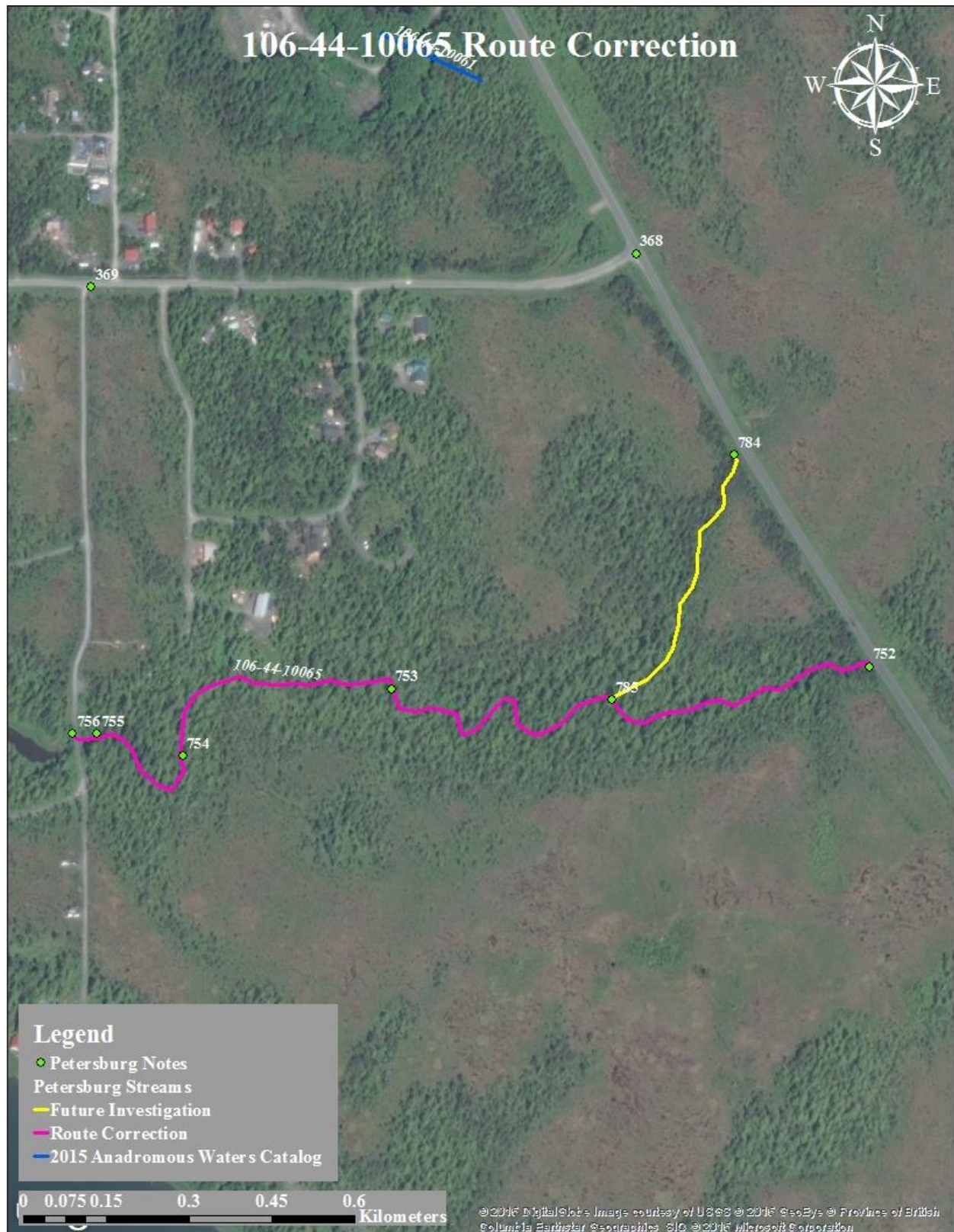


Figure 3.—106-44-10065 route correction map.

Petersburg

106-44-10070

ADDITION

Water body name: Letti Creek

Survey date: 6/12/2013

Water body number: 106-44-10070

Species & Lifestage: CO

Watershed: Petersburg Creek-Frontal Wrangell Narrows

MTR: C060S080E **Quad:** Petersburg C-3

Findings: We surveyed this stream using a backpack electrofisher and a GPS (Table 1). This stream provides excellent rearing habitat for salmon. There are healthy riparian and decent spawning gravels.

Recommendations: Add this stream to the AWC (Figure 1).

Nomination: 13-521

Table 1.—106-44-10070 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|----------------------------------|---------------|----------------|
| 760 | 56.6668 | -132.9140 | Mouth of creek into ocean. | | |
| 759 | 56.6678 | -132.9095 | Below culvert on Mitkof Highway. | EF | 2 CO |
| 758 | 56.6679 | -132.9092 | | EF | 1 DV |

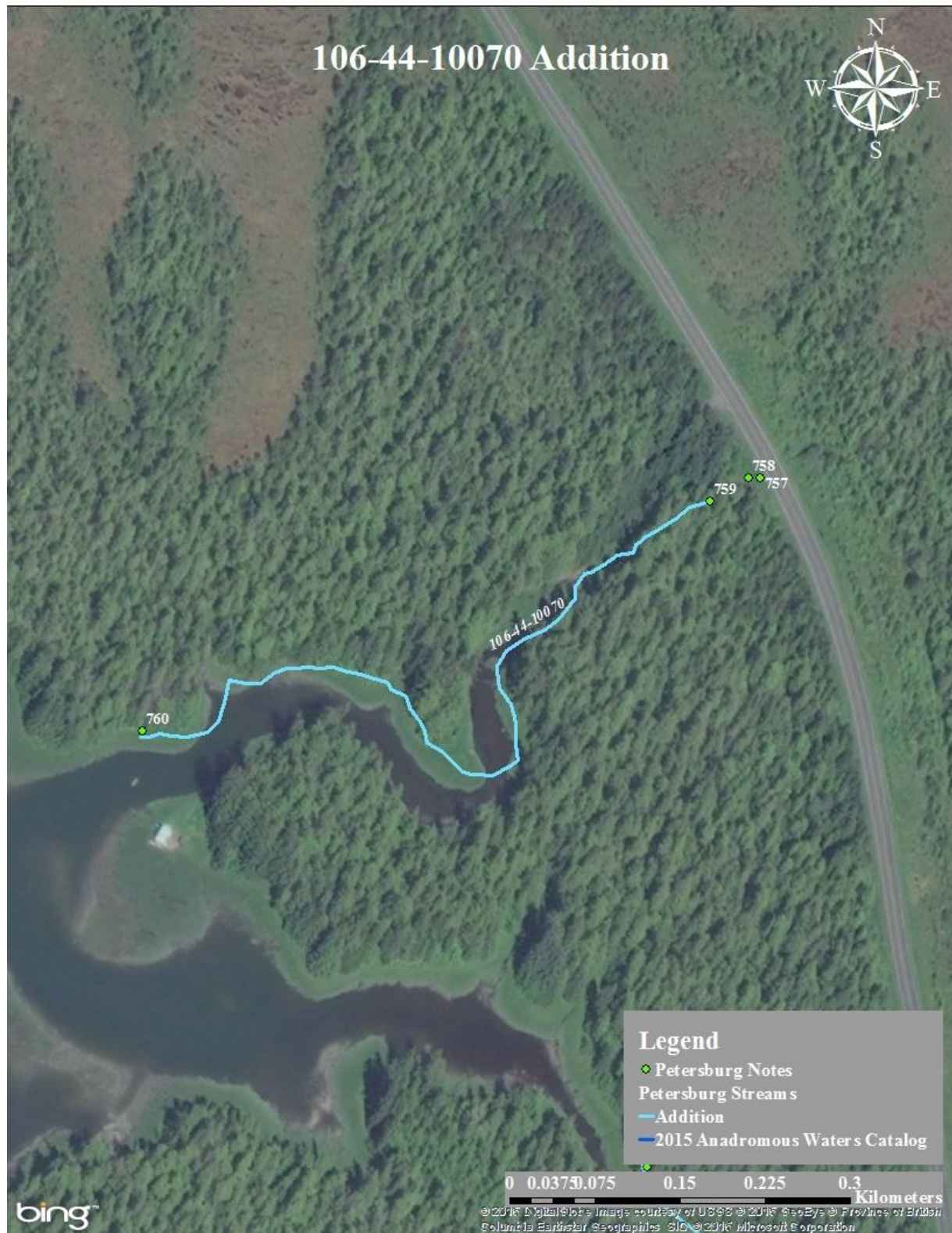


Figure 1.-106-44-10070 addition map.

Petersburg

106-44-10072**ADDITION****Water body name:** Luna Creek**Survey date:** 6/20/2013**Water body number:** 106-44-10072**Species & Lifestage:** CO**Watershed:** Petersburg Creek-Frontal Wrangell Narrows**MTR:** C060S080E **Quad:** Petersburg C-3

Findings: We surveyed this stream using a backpack electrofisher and a GPS (Table 1). This stream provides excellent rearing habitat for salmon. There are healthy riparian and decent spawning gravels.

Recommendations: Add this stream to the AWC (Figure 1).

Nomination: 13-520

Table 1.—106-44-10072 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|--|---------------|----------------|
| 765 | 56.6637 | -132.9079 | | VL | 7 CO |
| 766 | 56.6633 | -132.9074 | | VL | 3 CO |
| 767 | 56.6627 | -132.9073 | | VL | 2 CO |
| 768 | 56.6619 | -132.9074 | Small tributary entering river left. | | |
| 769 | 56.6619 | -132.9074 | Small tributary entering river left. | | |
| 770 | 56.6619 | -132.9071 | Downstream of culvert. CO just below the culvert. | EF | 5 CO |
| 771 | 56.6618 | -132.9066 | Upstream of culvert. Dam just above culvert. No fish in pool. | EF | No fish |
| 772 | 56.6618 | -132.9074 | On small tributary mentioned in WPT 768/769 | EF | 1 CO |
| 773 | 56.6614 | -132.9072 | Smolty. | EF | 1 CO |
| 774 | 56.6611 | -132.9072 | Smolty. | EF | 1 CO |
| 775 | 56.6610 | -132.9071 | Smolty. | EF | 1 CO |
| 776 | 56.6610 | -132.9069 | Smolty. | EF | 1 CO |
| 777 | 56.6609 | -132.9067 | Smolty. Downstream of culvert. Culvert is perched ~ 1 ft. and rusted out in spots. | EF | 2 CO |
| 778 | 56.6608 | -132.9063 | Upstream of culvert. 6"x6" wire mesh over culvert. Might be beaver prevention. Debris is built up around mesh. | EF | 1 CO |
| 779 | 56.6608 | -132.9062 | Smolty. | EF | 1 CO |
| 780 | 56.6606 | -132.9062 | Smolty. | EF | 1 CO |
| 781 | 56.6602 | -132.9058 | Small beaver dam. | | |
| 782 | 56.6601 | -132.9057 | Smolty. | EF | 1 CO |
| 783 | 56.6601 | -132.9055 | Beaver dam blocking all flow. We will set traps later to determine if there are fish present above the dam. | | |

Table 1.—Continued.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 786 | 56.6598 | -132.9052 | We set 3 minnow traps in beaver ponds on 6/27 @ 1345 and pulled them 6/28 @ 845. We caught 1 CO~ 4 years old. It was dead in trap probably due to anoxic water. Refer to WPT 783. | MT | 1 CO |



Figure 1.–106-44-10072 addition map.

Petersburg

Petersburg

106-44-10080**CORRECTION****Water body name:****Survey date:** 6/19/2013**Water body number:** 106-44-10080**Species & Lifestage:** COpr**Watershed:** Petersburg Creek-Frontal Wrangell Narrows**MTR:** C060S079E **Quad:** Petersburg C-3

Findings: We surveyed this stream using a backpack electrofisher and a GPS (Table 1). In the lower section there are two beaver dams (Figures 1, 2). Due to low water both dams prevented fish passage at the time. We caught smolty coho salmon above the beaver dams which indicates there has been fish passage at some point (Figure 3). There was green fence material over the downstream end of the culvert.

Recommendations: Update the current route in the AWC (Figure 4).

Nomination: 13-595

Table 1.–106-44-10080 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|--|---------------|----------------|
| 749 | 56.6486 | -132.9066 | Mouth of stream empties into Pacific Ocean. After WPT 748 there were a lot more CO. Majority of fish stay below dam. | | |
| 748 | 56.6502 | -132.9058 | Another beaver dam. Fish made it pass, but we could not find a good channel for fish to get around dam. | | |
| 747 | 56.6516 | -132.9029 | Mud dam from beavers. There is a small hole in the dam fish could use to pass. Right now it is disconnected. | | |
| 746 | 56.6522 | -132.9016 | | EF | 1 CO |
| 745 | 56.6526 | -132.9012 | Smolty CO ~ 60 mm. | EF | 1 CO |
| 744 | 56.6531 | -132.9006 | Outlet of culvert. There is green fencing material over the mouth of the culvert. | | |



Figure 1.—Mud beaver dam with small disconnected hole for fish passage.



Figure 2.—Large disconnected pool.



Figure 3.—Smolty coho salmon caught above the beaver dams.

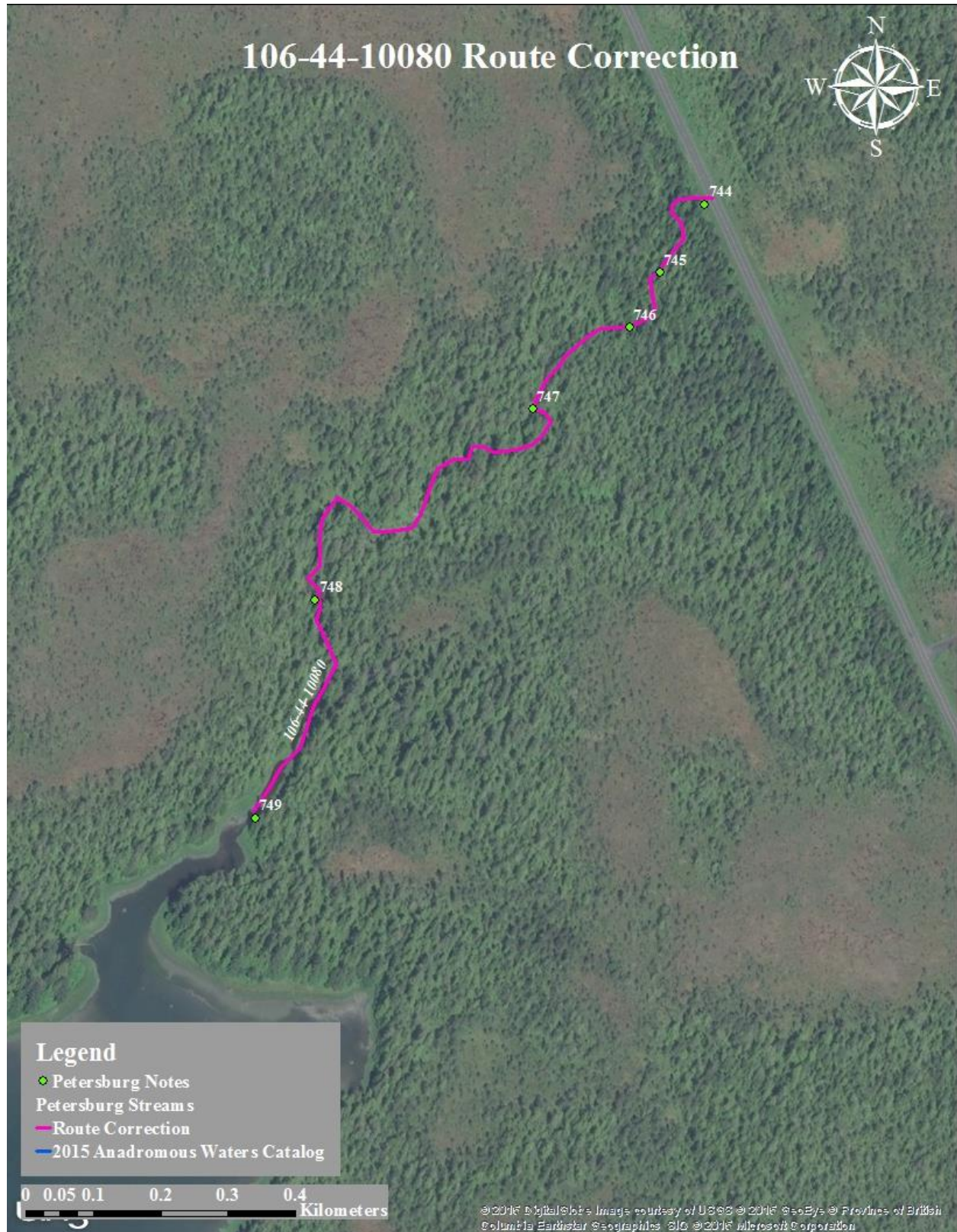


Figure 4.–106-44-10080 route correction map.

Petersburg

106-44-10090**CORRECTION****Water body name:** Big Gulch**Survey date:** 6/14/2013**Water body number:** 106-44-10090**Species & Lifestage:** COpr, Ps, DVp**Watershed:** Petersburg Creek-Frontal Wrangell Narrows**MTR:** C060S079E **Quad:** Petersburg C-3

Findings: We surveyed this stream using a backpack electrofisher, handnet, and GPS (Table 1). We captured rearing coho salmon and Dolly Varden char. This stream's route differs from that illustrated in the AWC.

Recommendations: Update this stream's course to reflect its sinuosity in the AWC (Figure 1).

Nomination: 13-535

Table 1.—106-44-10090 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|--|---------------|----------------|
| 713 | 56.6431 | -132.8967 | Mouth of tributary into Road Art Creek. | | |
| 714 | 56.6409 | -132.9010 | Outlet of Road Art Creek into Blind Slough. | | |
| 715 | 56.6450 | -132.8940 | Outlet of culvert on Road Art Creek. | | |
| 716 | 56.6452 | -132.8935 | Inlet of awesome culvert on Road Art Creek. | | |
| 717 | 56.6452 | -132.8934 | Tributary on river right. | | |
| 718 | 56.6455 | -132.8935 | No water and no fish. Dies in rooty mess. | | |
| 719 | 56.6487 | -132.8819 | Beaver dam. | | |
| 720 | 56.6486 | -132.8814 | Tributary entering river left. | | |
| 721 | 56.6486 | -132.8813 | Stopping here for the day. | | |
| 733 | 56.6489 | -132.8805 | Old beaver dam. | | |
| 734 | 56.6493 | -132.8802 | | HN | 3 CO |
| 735 | 56.6493 | -132.8799 | Another old beaver dam with blowout center. | | |
| 736 | 56.6490 | -132.8797 | | HN | 2 CO |
| 737 | 56.6491 | -132.8789 | Old logging road crossing. | | |
| 738 | 56.6506 | -132.8771 | | EF | 2 CO |
| 739 | 56.6513 | -132.8752 | | EF | No Fish |
| 740 | 56.6513 | -132.8750 | | EF | 3 CO, 1 DV |
| 741 | 56.6519 | -132.8742 | | EF | 5 CO |
| 742 | 56.6520 | -132.8737 | | EF | 1 CO |
| 743 | 56.6554 | -132.8681 | Water has become very stagnant and disconnected. We have E-fished in a couple of places with no luck. Calling it the top. Substrate all mud because it is an old beaver complex. | | |

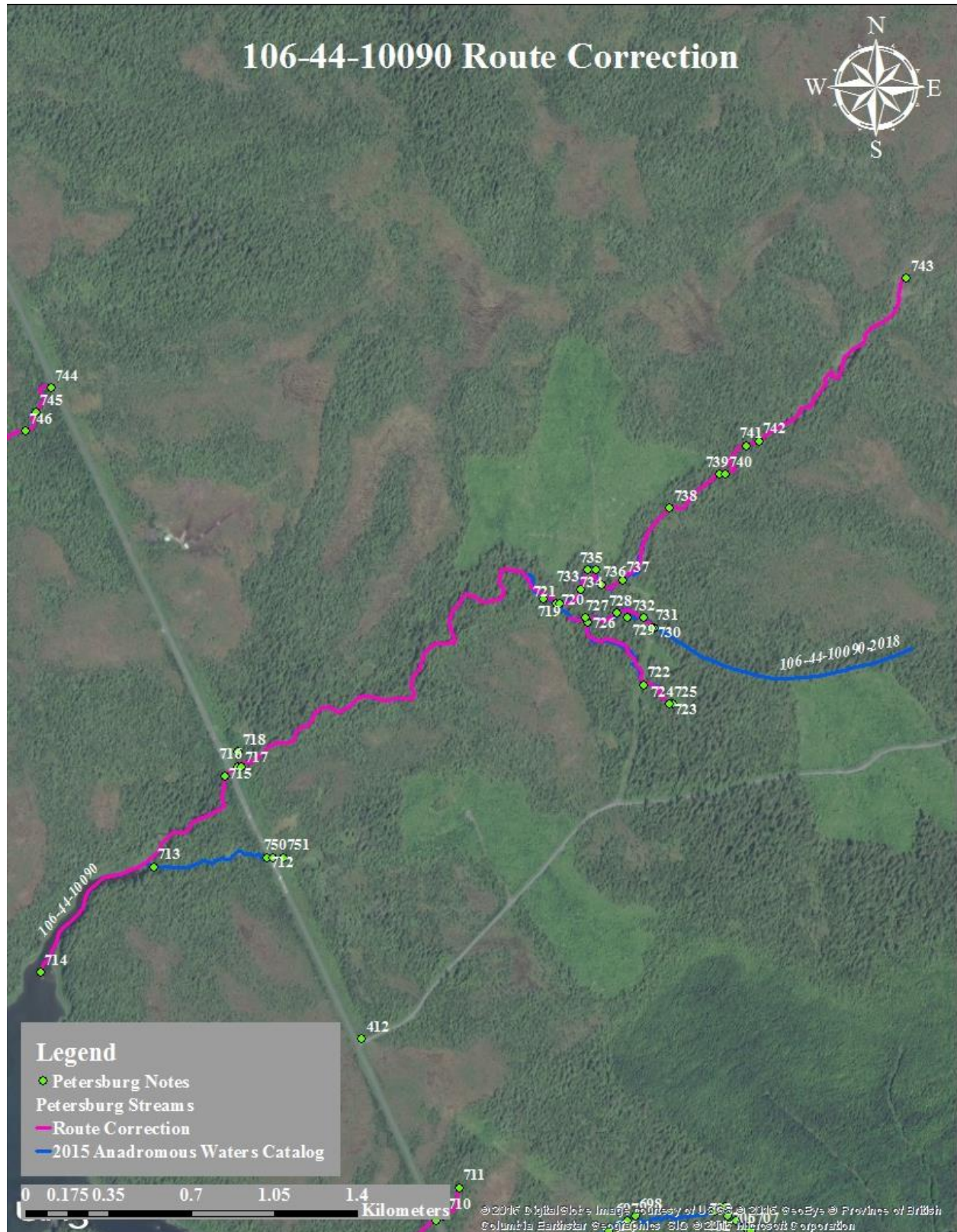


Figure 1.–106-44-10090 route correction map.

Petersburg

106-44-10090-2008**ADDITION****Water body name:****Survey date:** 6/20/2013**Water body number:** 106-44-10090-2008**Species & Lifestage:** CO**Watershed:** Petersburg Creek-Frontal Wrangell Narrows**MTR:** C060S079E **Quad:** Petersburg C-3

Findings: We surveyed this stream and using a backpack electrofisher and a GPS (Table 1). We captured juvenile coho salmon. There was a 6"x6" mesh wire fence on the upstream side of the culvert, which may not allow adult salmon to pass (Figure 1). There is a small beaver dam just upstream of the culvert (Figure 2). We did not sample above the beaver dam.

Recommendations: Add stream to the AWC (Figure 3).

Nomination: 13-594

Table 1.—106-44-10090-2008 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 713 | 56.6431 | -132.8967 | Mouth of tributary into 106-44-10090. | | |
| 712 | 56.6433 | -132.8924 | Outlet of culvert. Fat smolty CO about 75mm. | EF | 2 CO |
| 750 | 56.6433 | -132.8922 | Inlet of culvert. We are starting on stream from downstream portion WPT 712 6"x6" metal mesh fence is in front of the culvert. Might be there so beavers don't build a dam in front of the culvert. Not sure if an adult fish can pass. | EF | No Fish |
| 751 | 56.6433 | -132.8918 | Small beaver dam. Pooling water above. No fish were seen or caught here. Calling it here. | EF | No Fish |



Figure 1.—Mesh wire fence on the upstream side of the culvert.



Figure 2.—Small beaver dam upstream of culvert.

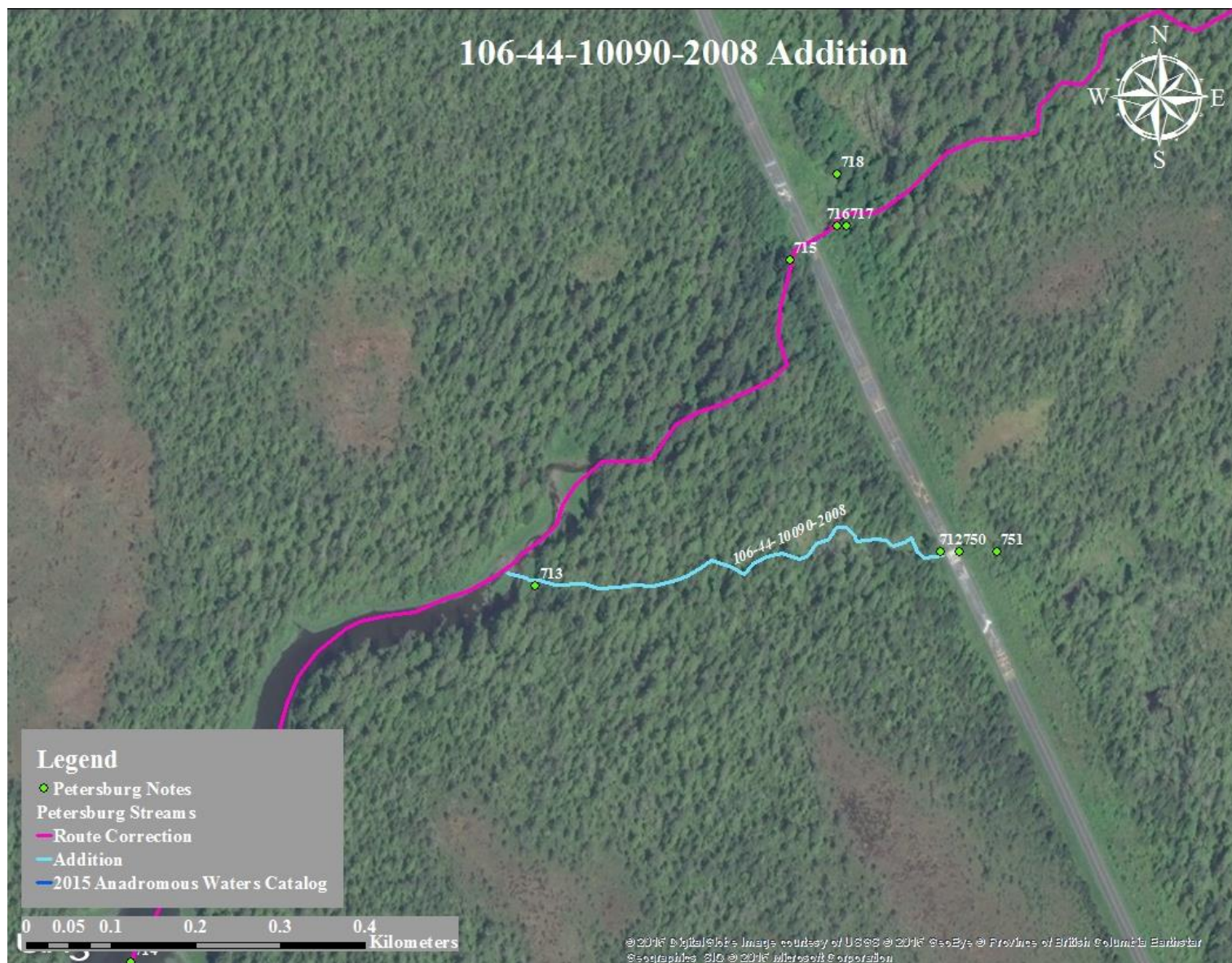


Figure 3.—106-44-10090-2008 addition map.

Petersburg

106-44-10090-2018**CORRECTION****Water body name:****Survey date:** 6/19/2013**Water body number:** 106-44-10090-2018**Species & Lifestage:** COp, DVp**Watershed:** Petersburg Creek-Frontal Wrangell Narrows**MTR:** C060S080E **Quad:** Petersburg C-3

Findings: We surveyed this stream using a backpack electrofisher and a GPS (Table 1). We captured rearing coho salmon and Dolly Varden char. We ended our survey at an old logging road. We did not run into a barrier, but we stopped catching salmon.

Recommendations: Update this portion of the stream in the AWC (Figure 1).

Nomination: 14-572

Table 1.—106-44-10090-2018 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|--|---------------|----------------|
| 720 | 56.6486 | -132.8814 | Tributary entering river left. Continue to track mainstem. | | |
| 721 | 56.6486 | -132.8813 | Stopping here for the day. | | |
| 727 | 56.6483 | -132.8803 | | HN | 5 CO |
| 728 | 56.6484 | -132.8791 | | HN | 3 CO |
| 732 | 56.6483 | -132.8787 | | EF | 2 CO |
| 729 | 56.6483 | -132.8781 | | EF | 1 DV |
| 731 | 56.6481 | -132.8778 | Old logging road crossed by stream. | | |
| 730 | 56.6481 | -132.8777 | Calling it the top. Still have not run into a barrier but we have stopped because we are not catching CO. | EF | No Fish |



Figure 1.—106-44-10090-2018 route correction map.

Petersburg

106-44-10090-2018-3010**CORRECTION****Water body name:****Survey date:** 6/19/2013**Water body number:** 106-44-10090-2018-3010**Species & Lifestage:** COpr, DVp**Watershed:** Petersburg Creek-Frontal Wrangell Narrows**MTR:** C060S080E **Quad:** Petersburg C-3

Findings: This stream converges with 106-44-10090-2018 farther downstream than currently cataloged. We surveyed this stream using a backpack electrofisher and a GPS (Table 1). The stream terminates in a mossy seep.

Recommendations: Update this streams course and extents in the AWC (Figure 1).

Nomination: 13-565

Table 1.—106-44-10090-2018-3010 survey data

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|--|---------------|----------------|
| 726 | 56.6482 | -132.8802 | Tributary entering river right. | | |
| 722 | 56.6469 | -132.8781 | Stream crosses old logging access road. Track down. | HN | 2 CO |
| 724 | 56.6465 | -132.8770 | Calling the top, has basically run out of flow and have not seen CO. | EF | No Fish |
| 723 | 56.6465 | -132.8771 | | EF | 1 CT |
| 725 | 56.6465 | -132.8771 | | HN | 3 CO |

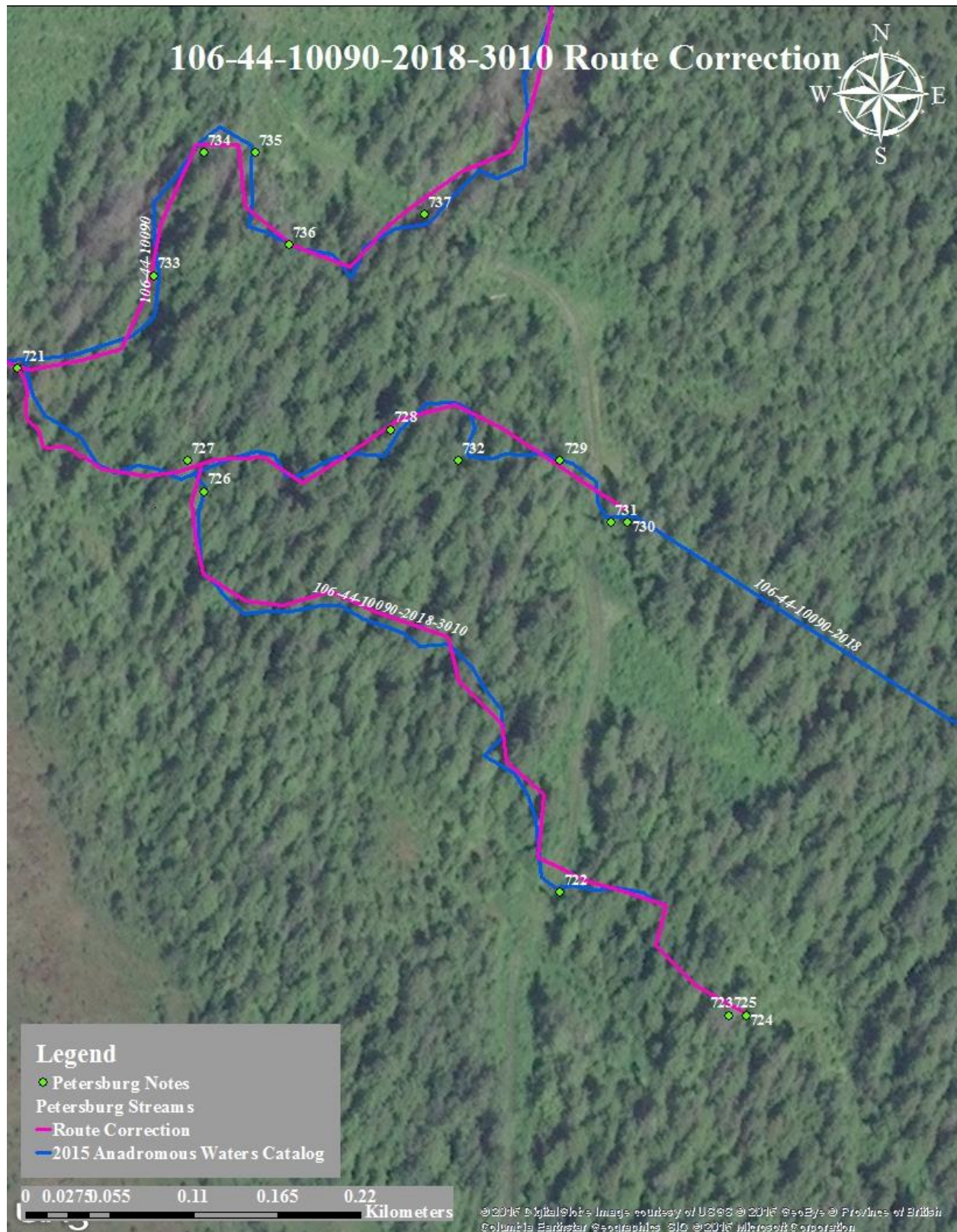


Figure 1.–106-44-10090-2018-3010 route correction map.

Petersburg

106-44-10100**CORRECTION****Water body name:****Survey date:** 6/18/2013**Water body number:** 106-44-10100**Species & Lifestage:** COpr**Watershed:** Petersburg Creek-Frontal Wrangell Narrows**MTR:** C060S080E **Quad:** Petersburg C-3

Findings: We surveyed the lower section of this creek using a backpack electrofisher and a GPS, but due the lack of water we did not survey the upper section (Table 1). The mouth and stream route differs from the AWC.

Recommendations: Update route in the AWC (Figure 1).

Nomination: 13-593

Table 1.—106-44-10100 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|--|---------------|----------------|
| 709 | 56.6338 | -132.8926 | Mouth of creek into tidal Blind Slough. | | |
| 708 | 56.6357 | -132.8860 | Outlet of culvert, not moving quickly. 3 CO about 35mm. | EF | 3 CO |
| 710 | 56.6358 | -132.8857 | Inlet of culvert. Just above culvert inlet captured 1 CO about 70mm. | EF | 1 CO |
| 711 | 56.6364 | -132.8851 | No water. Might come back when it rains. | | |

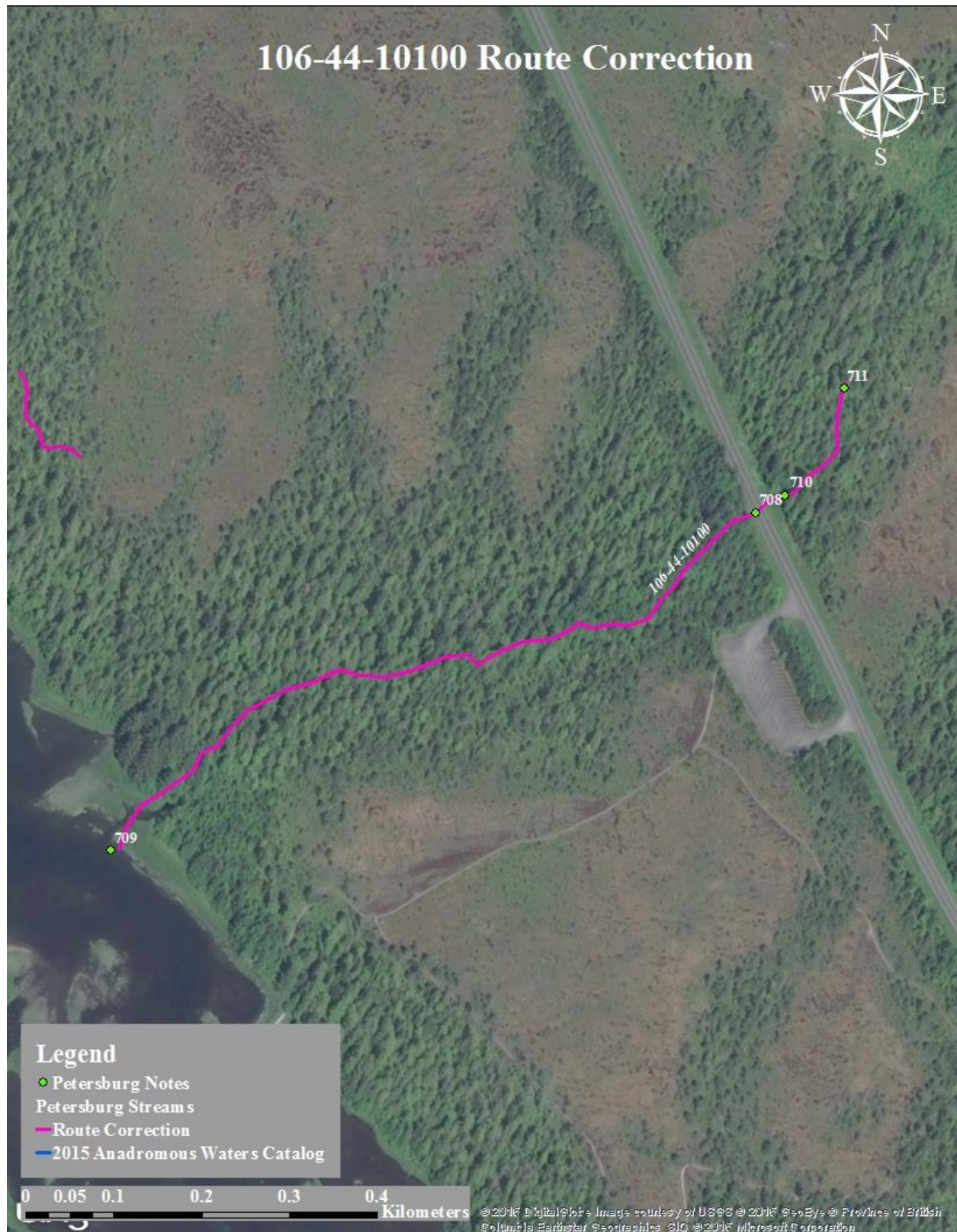


Figure 1.–106-44-10100 route correction map.

Petersburg

106-44-10103**ADDITION****Water body name:** DelMar Creek**Survey date:** 7/8/2013**Water body number:** 106-44-10103**Species & Lifestage:** CO_r**Watershed:** Petersburg Creek-Frontal Wrangell Narrows**MTR:** C060S080E **Quad:** Petersburg C-3

Findings: We surveyed this stream using a backpack electrofisher and a GPS (Table 1). We captured rearing coho salmon up to waypoint 704 and Dolly Varden char throughout. The stream provided excellent salmonid rearing habitat.

Recommendations: Add this stream to the AWC (Figure 1).

Nomination: 13-516

Table 1.—106-44-10103 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 689 | 56.6324 | -132.8826 | Downstream of culvert on stream that crosses the Mitkof Highway. CO everywhere. | VI | CO |
| 690 | 56.6301 | -132.8843 | Beginning of a series of shallow ponds. Forested section ends now grass. CO everywhere. | VI | CO |
| 691 | 56.6286 | -132.8789 | Mouth of creek into slough. | | |
| 692 | 56.6325 | -132.8825 | Observed CO passing culvert. Poorly bedded, not cataloged. | VI | CO |
| 693 | 56.6334 | -132.8834 | Schooling CO. | VI | CO |
| 694 | 56.6342 | -132.8826 | Top of short tributary filled with coho. | HN | 10 CO |
| 695 | 56.6342 | -132.8824 | Mouth of short tributary. Filled with CO. | VI | CO |
| 696 | 56.6355 | -132.8794 | Still seeing CO in numbers. Out in powerline slash. Chocked and awful. | VI | CO |
| 697 | 56.6357 | -132.8787 | Stream reentering forest. Observed multi CO, netted 2 | HN | 2 CO |
| 698 | 56.6358 | -132.8784 | Mouth of very small tributary. | | |
| 699 | 56.6359 | -132.8754 | Tributary. | | |
| 700 | 56.6360 | -132.8750 | In shallow pool in tributary. | EF | 1 CO |
| 701 | 56.6358 | -132.8749 | Reduced flow, cobbles | HN | 4 CO |
| 702 | 56.6357 | -132.8746 | Getting smaller, less flow. | EF | 1 DV |
| 703 | 56.6357 | -132.8746 | | | 1 DV |
| 704 | 56.6356 | -132.8743 | | EF | 2 CO |
| 705 | 56.6355 | -132.8741 | Very low flows. | EF | 2 DV |
| 706 | 56.6355 | -132.8741 | Big debris jam, subsurface flows. | EF | DV |
| 707 | 56.6355 | -132.8740 | Standing on top of debris jam, flows disappear into the rocks. | | |

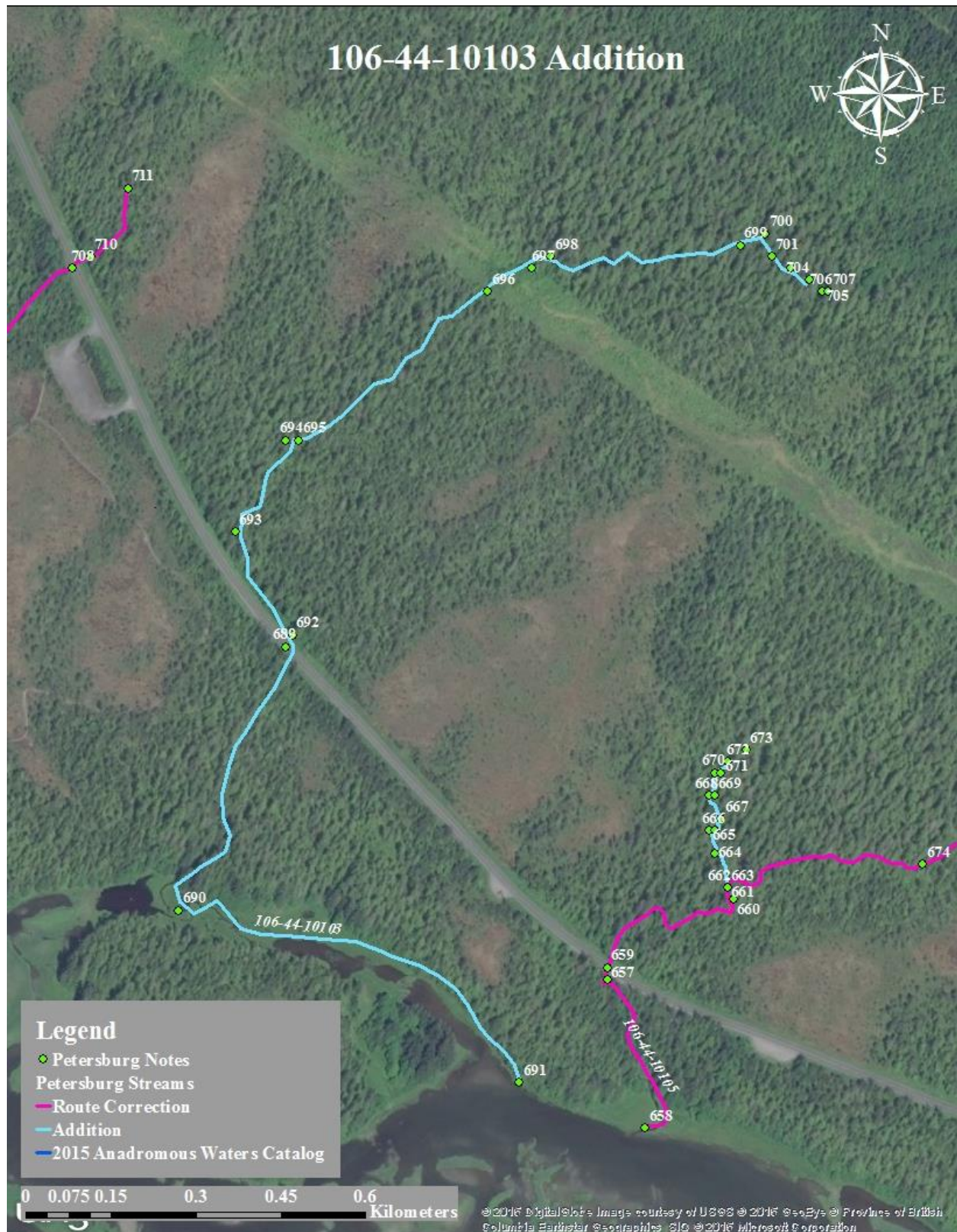


Figure 1.—106-44-10103 addition map.

Petersburg

106-44-10105**CORRECTION****Water body name:****Survey date:** 6/17/2013**Water body number:** 106-44-10105**Species & Lifestage:** COpr**Watershed:** Petersburg Creek-Frontal Wrangell Narrows**MTR:** C060S080E **Quad:** Petersburg C-3**Findings:** We surveyed this stream using a backpack electrofisher, visual observation and a GPS (Table 1). This stream's route differs from that illustrated in the AWC.**Recommendations:** Update this stream's course to reflect its sinuosity in the AWC (Figure 1).**Nomination:** 13-524

Table 1.—106-44-10105 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 657 | 56.6295 | -132.8775 | Downstream of culvert under Mitkof Highway. CO in pools below culvert. | VI | CO |
| 658 | 56.6282 | -132.8769 | Mouth of creek into slough. Visual on CO the entire stretch below the culvert. | VI | CO |
| 659 | 56.6296 | -132.8775 | US of culvert. VI of 6 CO 35 mm. | VI | 6 CO |
| 660 | 56.6302 | -132.8755 | Tributary entering river right. Disconnected now but will be connected at higher water. Coho present at mouth in pool. Tracking. | VI | CO |
| 674 | 56.6305 | -132.8725 | Visual of CO in mainstem up to this point so far. | VI | CO |
| 675 | 56.6307 | -132.8717 | Tributary entering river right. Tracking. | | |
| 679 | 56.6310 | -132.8707 | | EF | 2 CO |
| 680 | 56.6311 | -132.8702 | | EF | 2 DV |
| 681 | 56.6312 | -132.8700 | Calling it the top. Comes out of a mossy seep from the ground. We are going to try to electrofish below to try to get another CO. | | |
| 682 | 56.6311 | -132.8703 | Upper extent of anadromy. | EF | 2 CO |

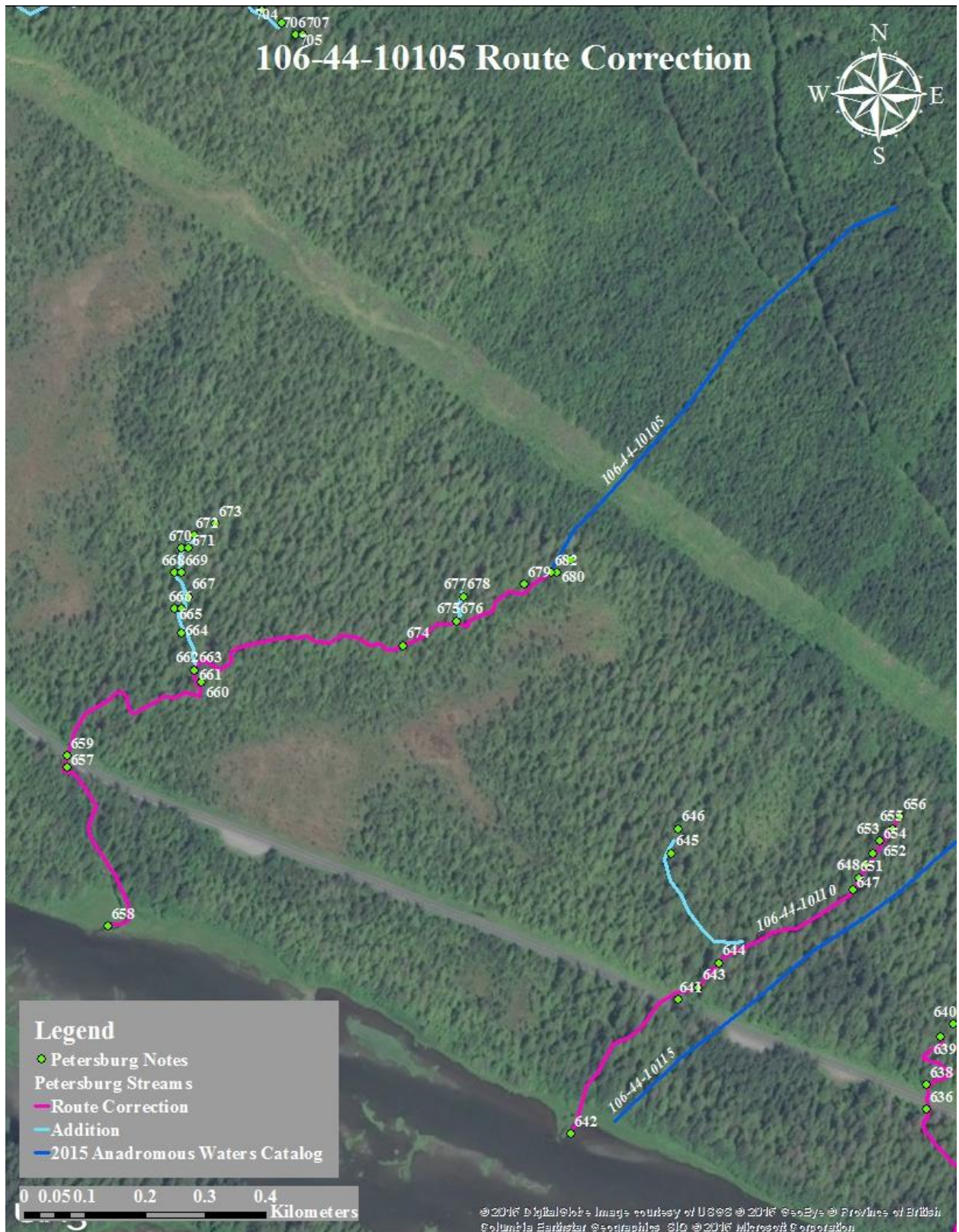


Figure 1.–106-44-10105 route correction map.

Petersburg

106-44-10105-2101**ADDITION****Water body name:****Survey date:** 6/17/2013**Water body number:** 106-44-10105-2101**Species & Lifestage:** CO**Watershed:** Petersburg Creek-Frontal Wrangell Narrows**MTR:** C060S080E **Quad:** Petersburg C-3

Findings: We surveyed this stream using a backpack electrofisher and a GPS (Table 1). We captured rearing coho salmon and Dolly Varden char. This stream provides good rearing habitat for fish.

Recommendations: Add this tributary to the AWC (Figure 1).**Nomination:** 13-517

Table 1.—106-44-10105-2101 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|--|---------------|----------------|
| 661 | 56.6303 | -132.8756 | Several CO present. | VL | CO |
| 662 | 56.6303 | -132.8756 | Stream is becoming slightly disconnected. Barely flowing. | | |
| 663 | 56.6303 | -132.8756 | 2 CO caught in pool. | EF | 2 CO |
| 664 | 56.6306 | -132.8758 | | EF | 3 CO |
| 665 | 56.6308 | -132.8759 | Creek goes subterranean. | | |
| 666 | 56.6308 | -132.8758 | End of subterranean section. Caught 2 CO in pool at inlet. | EF | 2 CO |
| 667 | 56.6309 | -132.8757 | Several CO in pool. Much of this stream is subterranean and dry. | VL | CO |
| 668 | 56.6311 | -132.8759 | Caught 2 CO (75 and 35 mm) in large pool. Small rock falls. | EF | 2 CO |
| 669 | 56.6311 | -132.8758 | Fish in pool below 2 ' rocky, mossy fall. | EF | 2 CO, 1 DV |
| 670 | 56.6313 | -132.8758 | CO caught in pool directly above fall. | EF | 1 CO |
| 671 | 56.6313 | -132.8757 | 3 CO between 50-75mm caught in large pool. There is more water and it is deeper in the upper section of the creek. Substrate changed from sand and gravel to brown muck. | EF | 3 CO, 1 DV |
| 672 | 56.6314 | -132.8756 | | EF | 2 CO |

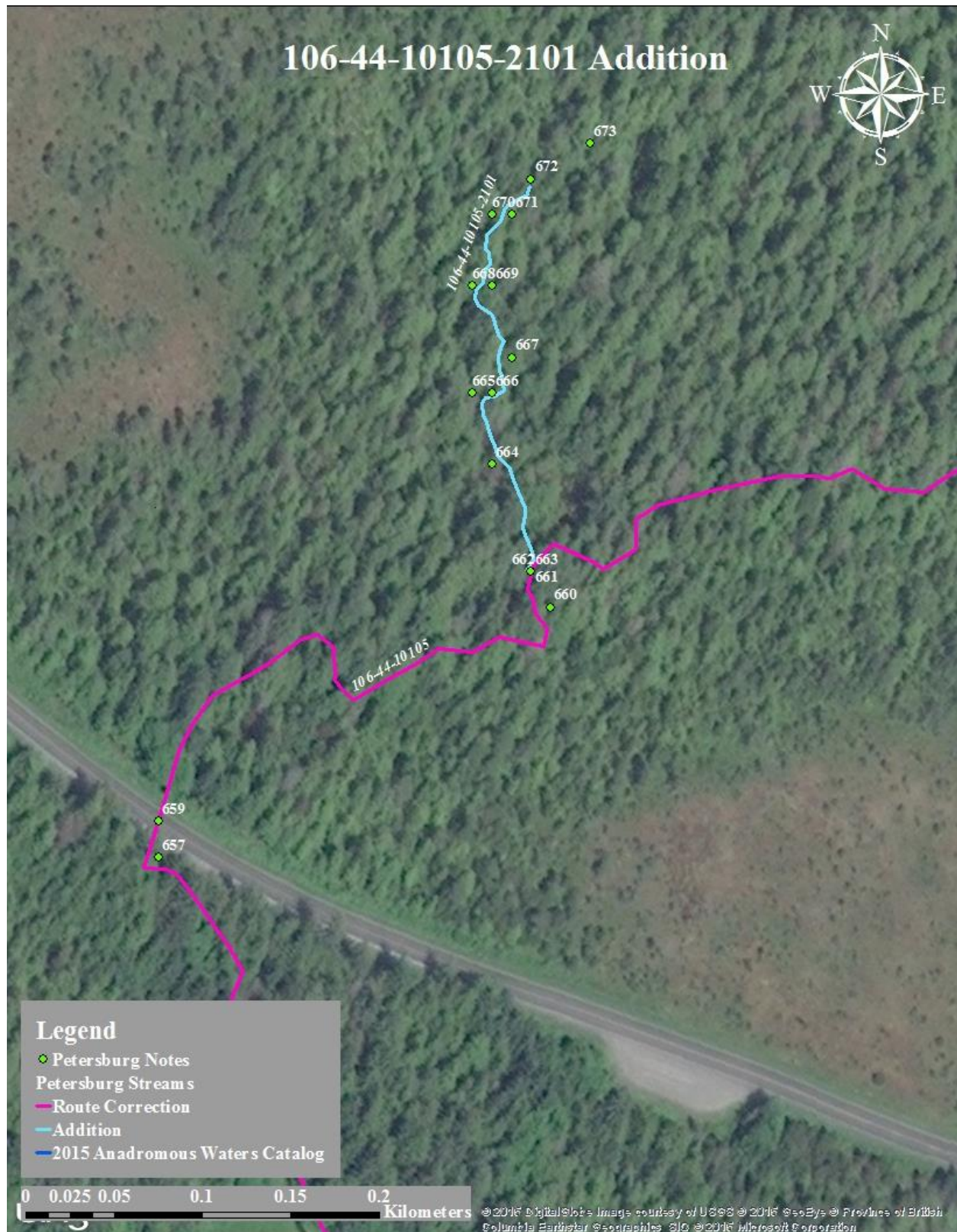


Figure 1.—106-44-10105-2101 addition map.

Petersburg

106-44-10110**CORRECTION****Water body name:****Survey date:** 6/17/2013**Water body number:** 106-44-10110**Species & Lifestage:** COpr**Watershed:** Petersburg Creek-Frontal Wrangell Narrows**MTR:** C060S080E **Quad:** Petersburg C-3

Findings: We surveyed this stream using a backpack electrofisher and a GPS (Table 1). We captured rearing coho salmon and Dolly Varden char. The stream originates from a mossy seep and does not go as far as is presently cataloged.

Recommendations: Update this stream's course and extent in the AWC (Figure 1).

Nomination: 13-557

Table 1.—106-44-10110 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 641 | 56.6276 | -132.8684 | Downstream side of culvert under Mitkof Highway. Many CO in the pool below the culvert. | VI | CO |
| 642 | 56.6265 | -132.8700 | Mouth of creek into Slough. CO, 35 mm, along the entire way. | VI | CO |
| 643 | 56.6277 | -132.8681 | Upstream of culvert. CO ~ 35 mm. | VI | CO |
| 644 | 56.6279 | -132.8678 | Tributary entering river right. Tracking. CO ~ 35 mm. | EF | |
| 647 | 56.6285 | -132.8658 | VI of CO up to this point. Found adult salmon jaw bone. | VI | CO |
| 648 | 56.6286 | -132.8657 | | EF | 7 CO |
| 649 | 56.6287 | -132.8656 | | EF | 1 CO, 1 DV |
| 650 | 56.6287 | -132.8656 | | EF | 2 CO |
| 651 | 56.6288 | -132.8655 | | EF | 3 CO |
| 652 | 56.6289 | -132.8654 | Small tributary entering river right. Tracking | | |
| 653 | 56.6289 | -132.8654 | Top of tributary. | EF | 1 DV |
| 654 | 56.6289 | -132.8654 | Small root wad falls. CO in pool below. Possible barrier. | EF | 4 CO |
| 655 | 56.6290 | -132.8652 | | EF | 3 DV |
| 656 | 56.6291 | -132.8651 | Calling it the top. Seeping from moss. No CO up to here from WPT 654. | EF | No fish |

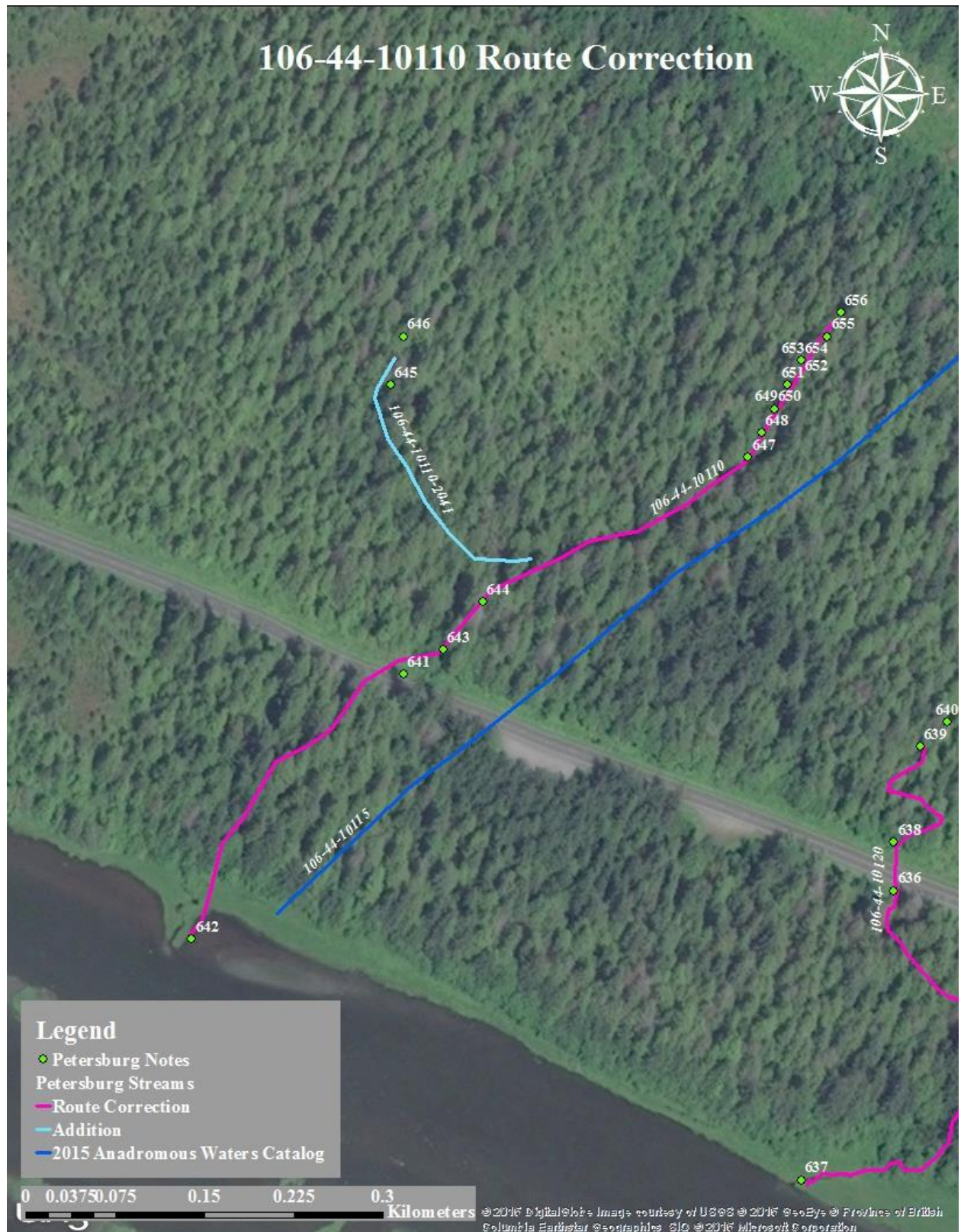


Figure 1.—106-44-10110 route correction map.

Petersburg

106-44-10110-2041**ADDITION****Water body name:****Survey date:** 6/17/2013**Water body number:** 106-44-10110-2041**Species & Lifestage:** CO**Watershed:** Petersburg Creek-Frontal Wrangell Narrows**MTR:** C060S080E **Quad:** Petersburg C-3

Findings: We surveyed this stream using a backpack electrofisher and a GPS (Table 1). We captured several rearing coho salmon in tributary. This tributary provides excellent rearing habitat for juvenile coho salmon.

Recommendations: Add this stream to the AWC (Figure 1).

Nomination: 13-559

Table 1.—106-44-10110-2041 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|--|---------------|----------------|
| 644 | 56.6279 | -132.8678 | Tributary entering river right. Tracking. CO ~ 35 mm. | EF | |
| 645 | 56.6288 | -132.8685 | CO up to this point. Small 6" mossy root wad drop into pool. | VI | CO |
| 646 | 56.6290 | -132.8684 | Top of tributary. Water coming out of mossy root wad. Subterranean. No CO above last point. | | |

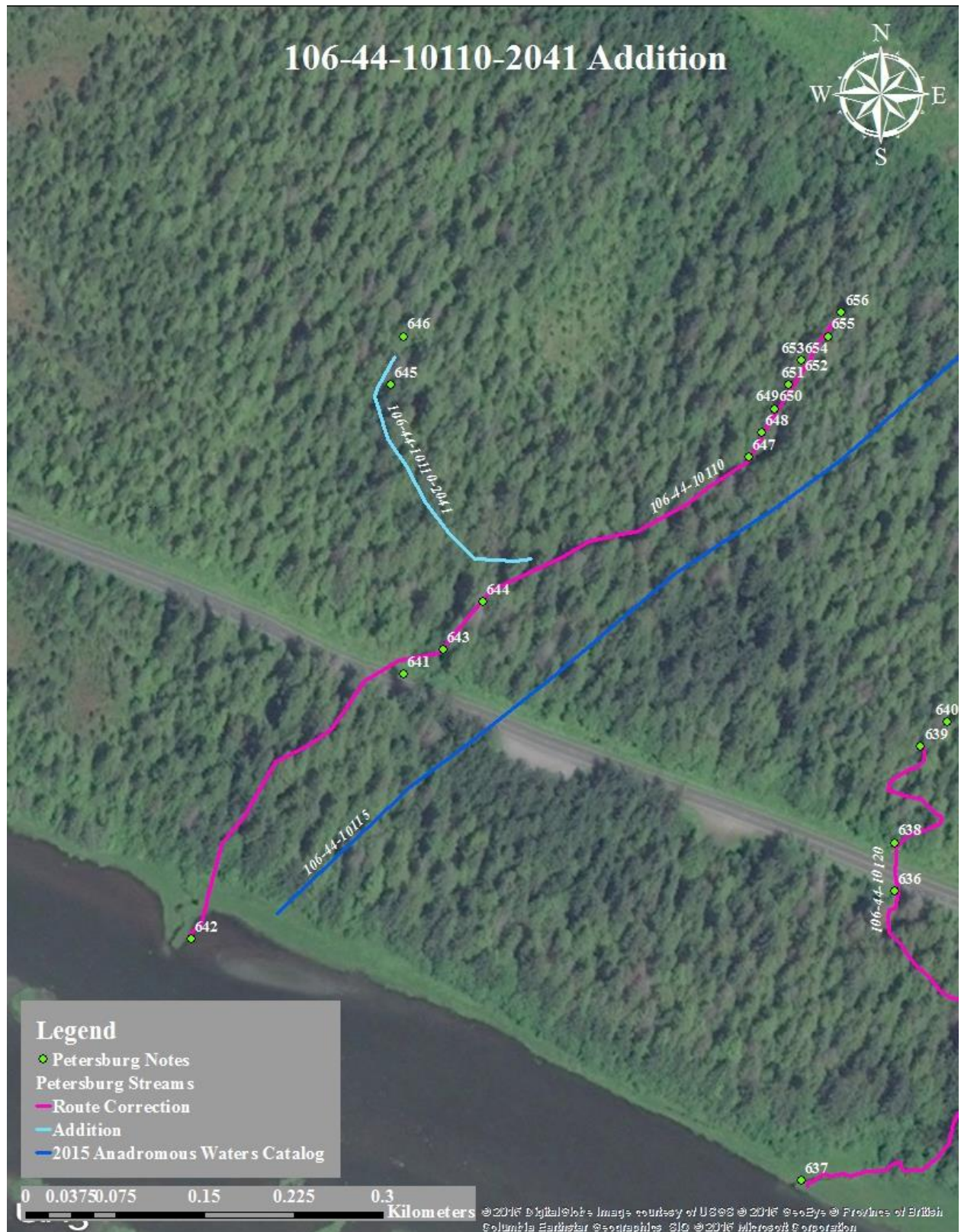


Figure 1.—106-44-10110-2041 addition map.

Petersburg

106-44-10120**CORRECTION****Water body name:****Survey date:** 6/19/2013**Water body number:** 106-44-10120**Species & Lifestage:** COpr**Watershed:** Petersburg Creek-Frontal Wrangell Narrows**MTR:** C060S080E **Quad:** Petersburg C-3

Findings: We surveyed this stream using a backpack electrofisher and a GPS (Table 1). W only captured rearing coho salmon in stream. This stream's route differs from that illustrated in the AWC.

Recommendations: Update this stream's course to reflect its sinuosity in the AWC (Figure 1).

Nomination: 13-532

Table 1.—106-44-10120 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|--|---------------|----------------|
| 636 | 56.6267 | -132.8647 | Coho at mouth of culvert, a couple trying to pass the culvert. | VI | CO |
| 637 | 56.6255 | -132.8654 | Thousands of coho fry milling at mouth of stream. | VI | CO |
| 638 | 56.6269 | -132.8647 | Inlet of culvert. Coho netted here. | HN | CO |
| 639 | 56.6273 | -132.8645 | Coho netted at last point before trickle. Bedrock exposed. | HN | CO |
| 640 | 56.6274 | -132.8643 | Stream becomes seepy trickle. No fish seen or captured. | | |



Figure 1.—106-44-10120 route correction map.

Petersburg

106-44-10125

CORRECTION

Water body name:

Survey date: 6/16/2013

Water body number: 106-44-10125

Species & Lifestage: COpr

Watershed: Petersburg Creek-Frontal Wrangell Narrows

MTR: C060S080E **Quad:** Petersburg C-3

Findings: We surveyed this stream using visual identification (Table 1). This stream is decidedly shorter than cataloged and ends at the highway.

Recommendations: Please update this stream in the AWC (Figure 1).

Nomination: 13-546

Table 1.–106-44-10125 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 633 | 56.6255 | -132.8607 | Outlet of pipe. High gradient, boulder at outlet. | | |
| 634 | 56.6254 | -132.8608 | CO juveniles milling and feeding in sunny pool. | VI | CO |
| 635 | 56.6248 | -132.8629 | Mouth of creek. Tons of CO! | VI | CO |



Figure 1.–106-44-10125 route correction map.

Petersburg

106-44-10127**ADDITION****Water body name:** Baxter Creek**Survey date:** 6/19/2013**Water body number:** 106-44-10127**Species & Lifestage:** CO**Watershed:** Petersburg Creek-Frontal Wrangell Narrows**MTR:** C060S080E **Quad:** Petersburg C-3**Findings:** We surveyed this small tributary using a handnet and visual observation (Table 1). This small stream provides excellent rearing habitat for juvenile coho salmon.**Recommendations:** Add stream to the AWC (Figure 1).**Nomination:** 13-533

Table 1.—106-44-10127 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|--|---------------|----------------|
| 625 | 56.6248 | -132.8579 | Inlet of culvert. | | |
| 626 | 56.6248 | -132.8583 | 1' perched pipe. Outlet. | | |
| 627 | 56.6247 | -132.8583 | Just below culvert | VI | CO |
| 628 | 56.6234 | -132.8598 | Coho milling at mouth. Water not high enough to connect yet. | VI | CO |
| 629 | 56.6249 | -132.8578 | No fish seen or captured up here. Stream becomes trickle over bedrock. | | |



Figure 1.—106-44-10127 addition map.

Petersburg

106-44-10130**CORRECTION****Water body name:****Survey date:** 6/16/2013**Water body number:** 106-44-10130**Species & Lifestage:** COpr**Watershed:** Petersburg Creek-Frontal Wrangell Narrows**MTR:** C060S080E **Quad:** Petersburg C-3

Findings: We surveyed this stream using a handnet and GPS (Table 1). We were able to capture rearing coho salmon. This stream has different upper and lower extents, as well as following a different route than illustrated in the catalog. We walked the road system and found no streams between the cataloged one and the newly digitized route. This led me to believe that this new route is the correct one and should be reflected as such.

Recommendations: Update the route in the AWC (Figure 1).

Nomination: 13-592

Table 1.–106-44-10130 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 622 | 56.6229 | -132.8583 | Mouth of tributary entering Blind Slough. | | |
| 623 | 56.6239 | -132.8562 | Outlet of culvert. | HN | 3 CO |
| 624 | 56.6240 | -132.8561 | Inlet of culvert. Nasty, murky seep above here. | | |



Figure 1.—106-44-10130 route correction map.

Petersburg

106-44-10135**CORRECTION****Water body name:****Survey date:** 6/20/2013**Water body number:** 106-44-10135**Species & Lifestage:** COpr**Watershed:** Petersburg Creek-Frontal Wrangell Narrows**MTR:** C060S080E **Quad:** Petersburg C-3**Findings:** We surveyed this stream using a handnet and a GPS (Table 1). This stream's route differs from that illustrated in the AWC.**Recommendations:** Update this stream's course to reflect its sinuosity in the AWC (Figure 1).**Nomination:** 13-536

Table 1.—106-44-10135 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|--|---------------|----------------|
| 614 | 56.6220 | -132.8557 | Mouth of tributary entering into Blind Slough. Tracking. Many juvenile CO. | | |
| 615 | 56.6230 | -132.8536 | Downstream side of culvert. | VI | 3 CO |
| 616 | 56.6232 | -132.8536 | VI on 10 more CO. Upstream side of culvert. | HN | 6 CO |
| 617 | 56.6235 | -132.8528 | | HN | 4 CO |
| 618 | 56.6236 | -132.8526 | Top of tributary. The flow disappears into ground and rooty tangle. | | |



Figure 1.–106-44-10135 route correction map.

Petersburg

106-44-10135-2041

ADDITION

Water body name:

Survey date: 6/16/2013

Water body number: 106-44-10135-2041

Species & Lifestage: CO

Watershed: Petersburg Creek-Frontal Wrangell Narrows

MTR: C060S080E **Quad:** Petersburg C-3

Findings: We surveyed this uncataloged tributary to stream 106-44-10135 using a backpack electrofisher and a GPS (Table 1). We caught two coho salmon. This stream begins from a seep in the ground.

Recommendations: Add stream to the AWC (Figure 1).

Nomination: 13-591

Table 1.—106-44-10135-2041 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|--|---------------|----------------|
| 619 | 56.6235 | -132.8533 | Tributary entering river right. | EF | 2 CO |
| 620 | 56.6235 | -132.8536 | | | |
| 621 | 56.6236 | -132.8536 | Top of tributary seeping up out of the ground. | | |



Figure 1.—106-44-10135-2041 addition map.

Petersburg

106-44-10145**CORRECTION****Water body name:****Survey date:** 6/16/2013**Water body number:** 106-44-10145**Species & Lifestage:** COpr**Watershed:** Petersburg Creek-Frontal Wrangell Narrows**MTR:** C060S080E **Quad:** Petersburg C-3

Findings: We surveyed this stream using a backpack electrofisher, a handnet, and a GPS (Table 1). This stream takes a different course than what is illustrated in the AWC. The stream originates from a mossy seep and does not go as far as is presently cataloged.

Recommendations: Update this stream's course in the AWC to reflect the field verified route (Figure 1).

Nomination: 13-561

Table 1.–106-44-10145 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 609 | 56.6213 | -132.8524 | Mouth of tributary entering into Blind Slough. | | |
| 610 | 56.6224 | -132.8521 | Outlet of culvert. This culvert could be a velocity barrier at higher flows. At low flow it has a 4" perch. | HN | 4 CO |
| 611 | 56.6227 | -132.8521 | Inlet of culvert. | | |
| 612 | 56.6231 | -132.8519 | Have been EF since WPT 611 and only caught DV's. | HN | 4 DV |
| 613 | 56.6232 | -132.8516 | Calling it the top of this tributary. Water is low and we have not caught any CO. Gradient is starting to increase. | EF | 1 DV |



Figure 1.—106-44-10145 route correction map.

Petersburg

106-44-10148**ADDITION****Water body name:** Mabel Creek**Survey date:** 7/17/2013**Water body number:** 106-44-10148**Species & Lifestage:** CO**Watershed:** Petersburg Creek-Frontal Wrangell Narrows**MTR:** C060S080E **Quad:** Petersburg C-3**Findings:** We surveyed this stream using a handnet and a GPS (Table 1). This stream provides excellent rearing habitat for salmon. There are healthy riparian and decent spawning gravels.**Recommendations:** Add this stream to the AWC (Figure 1).**Nomination:** 13-519

Table 1.–106-44-10148 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|--|---------------|----------------|
| 591 | 56.6210 | -132.8506 | Mouth of tributary entering into Blind Slough. | | |
| 592 | 56.6216 | -132.8494 | Downstream side of culvert. | HN | 2 CO |
| 593 | 56.6216 | -132.8492 | Upstream side of culvert. | | |
| 594 | 56.6216 | -132.8489 | | HN | 4 CO |
| 595 | 56.6216 | -132.8489 | | HN | 3 CO |
| 596 | 56.6216 | -132.8489 | | HN | 5 CO |
| 597 | 56.6216 | -132.8488 | | HN | 10 CO |
| 598 | 56.6217 | -132.8486 | Top of tributary. Water is coming down a bedrock chute the is 15 ft. long. | | |

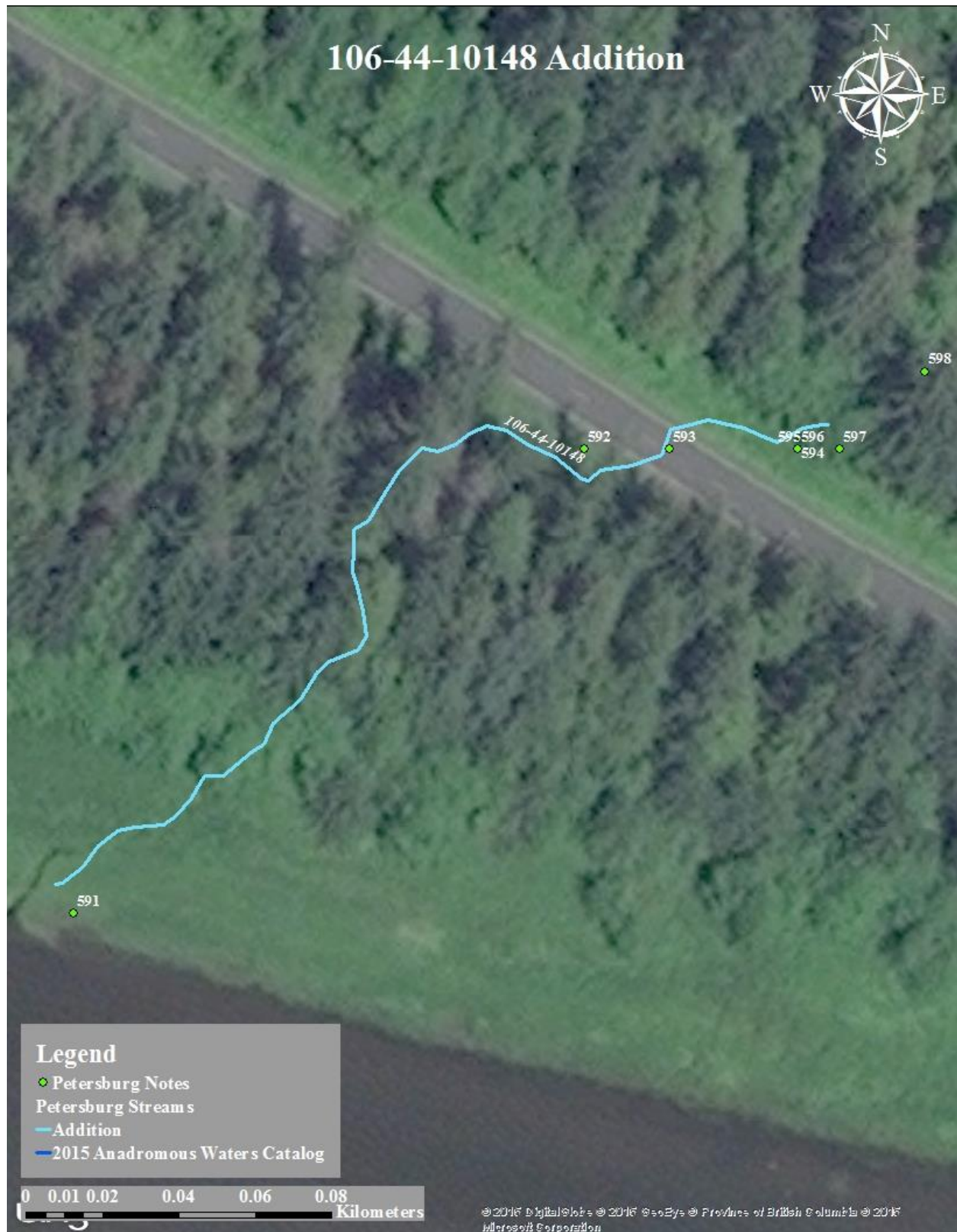


Figure 1.–106-44-10148 addition map.

Petersburg

106-44-10150**CORRECTION****Water body name:****Survey date:** 6/16/2013**Water body number:** 106-44-10150**Species & Lifestage:** COpr**Watershed:** Petersburg Creek-Frontal Wrangell Narrows**MTR:** C060S080E **Quad:** Petersburg C-3

Findings: We surveyed this cataloged stream and found the route differs from the AWC (Table 1). Using a handnet we caught coho salmon below the culvert. At the time of sampling water levels were very low, due to the lack of rain over the summer. We ended this survey upstream of the culvert because there was not much water.

Recommendations: Update the current route in the AWC (Figure 1).

Nomination: 13-590

Table 1.–106-44-10150 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|--|---------------|----------------|
| 599 | 56.6206 | -132.8478 | Mouth of tributary into Blind Slough. Tracking. | | |
| 600 | 56.6209 | -132.8474 | The water is very low because there has been no rain in the past week. At high water the fish could make more use of the stream. | HN | 3 CO |
| 601 | 56.6211 | -132.8473 | Upstream side of culvert. Not much water. Calling it the top. | | |
| 602 | 56.6210 | -132.8474 | Downstream side of culvert. | | |



Figure 1.—106-44-10150 route correction map.

Petersburg

106-44-10155

CORRECTION

Water body name: Blowdown Creek

Survey date: 6/20/2013

Water body number: 106-44-10155

Species & Lifestage: COpr

Watershed: Petersburg Creek-Frontal Wrangell Narrows

MTR: C060S080E **Quad:** Petersburg C-3

Findings: We surveyed this stream using a handnet and a GPS (Table 1). We captured multiple rearing coho salmon. This stream's route differs from that illustrated in the AWC.

Recommendations: Update this stream's course to reflect its upper and lower limit in the AWC (Figure 1).

Nomination: 13-548

Table 1.—106-44-10155 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 603 | 56.6201 | -132.8460 | Mouth of tributary entering into Blind Slough. | | |
| 604 | 56.6202 | -132.8453 | Downstream side of culvert. | HN | 7 CO |
| 605 | 56.6204 | -132.8451 | Upstream side of culvert. | | |
| 606 | 56.6205 | -132.8456 | Water seeping into ditch and | | |
| 607 | 56.6209 | -132.8444 | | HN | 4 CO |
| 608 | 56.6209 | -132.8442 | Calling it the top. The water is seeping out of the ground. | | |



Figure 1.–106-44-10155 route correction map.

Petersburg

106-44-10170**CORRECTION****Water body name:****Survey date:** 6/16/2013**Water body number:** 106-44-10170**Species & Lifestage:** COpr**Watershed:** Petersburg Creek-Frontal Wrangell Narrows**MTR:** C060S080E **Quad:** Petersburg C-3

Findings: We surveyed this stream using a handnet and a GPS (Table 1). This mouth of this stream enters the saltwater body at a different place than cataloged, as well as the upper extent. The stream route is more sinuous than currently cataloged.

Recommendations: Update the lower and upper points of anadromy, and correct the route in the AWC (Figure 1).

Nomination: 13-518

Table 1.–106-44-10170 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 582 | 56.6174 | -132.8395 | Mouth of tributary into Blind Slough. Tracking. | | |
| 583 | 56.6186 | -132.8384 | Tributary entering tributary on river right. | | |
| 584 | 56.6190 | -132.8370 | Downstream side of culvert entering on river right continue on mainstem. Just a drainage. Not tracking. | | |
| 585 | 56.6189 | -132.8364 | Downstream side of culvert for mainstem. | | |
| 586 | 56.6190 | -132.8360 | Upstream side of culvert for mainstem. | HN | 6 CO |
| 587 | 56.6190 | -132.8359 | Road side ditch drain coming on river left providing most of the water right now. | | |
| 588 | 56.6191 | -132.8355 | Calling it the top. Down to the bedrock. At low flow barrier and at higher flows would be a velocity barrier. | VI | 3 CO |
| 589 | 56.6188 | -132.8352 | Water is entering ditch. Not tracking up because of the barrier. Continuing up ditch. | HN | 5 CO |



Figure 1.—106-44-10170 route correction map.

Petersburg

106-44-10180**CORRECTION****Water body name:****Survey date:** 6/15/2013**Water body number:** 106-44-10180**Species & Lifestage:** COpr**Watershed:** Petersburg Creek-Frontal Wrangell Narrows**MTR:** C060S081E **Quad:** Petersburg C-3**Findings:** We surveyed using a backpack electrofisher, a handnet, and a GPS (Table 1). We found this streams upper limit of habitat to be much lower than in the current AWC.**Recommendations:** Update the current stream route in the AWC (Figure 1).**Nomination:** 13-585

Table 1.–106-44-10180 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 572 | 56.6183 | -132.8338 | Mouth of culvert. | EF | 2 CO |
| 573 | 56.6174 | -132.8349 | Mouth of creek into slough. | | |
| 574 | 56.6183 | -132.8337 | Inlet of culvert. | | |
| 575 | 56.6186 | -132.8336 | Tributary. Taking river left. | | |
| 576 | 56.6187 | -132.8335 | Visual observation of schooling CO in pool | VI | CO |
| 577 | 56.6188 | -132.8333 | In pool below reduced flows, mossy rocks. | HN | 1 CO |
| 578 | 56.6189 | -132.8331 | | HN | 1 CO |
| 579 | 56.6190 | -132.8332 | Upper limit of habitat. | | |
| 580 | 56.6187 | -132.8334 | On tributary, heading up. | | |
| 581 | 56.6193 | -132.8333 | Stream gets small and mossy. | EF | DV |

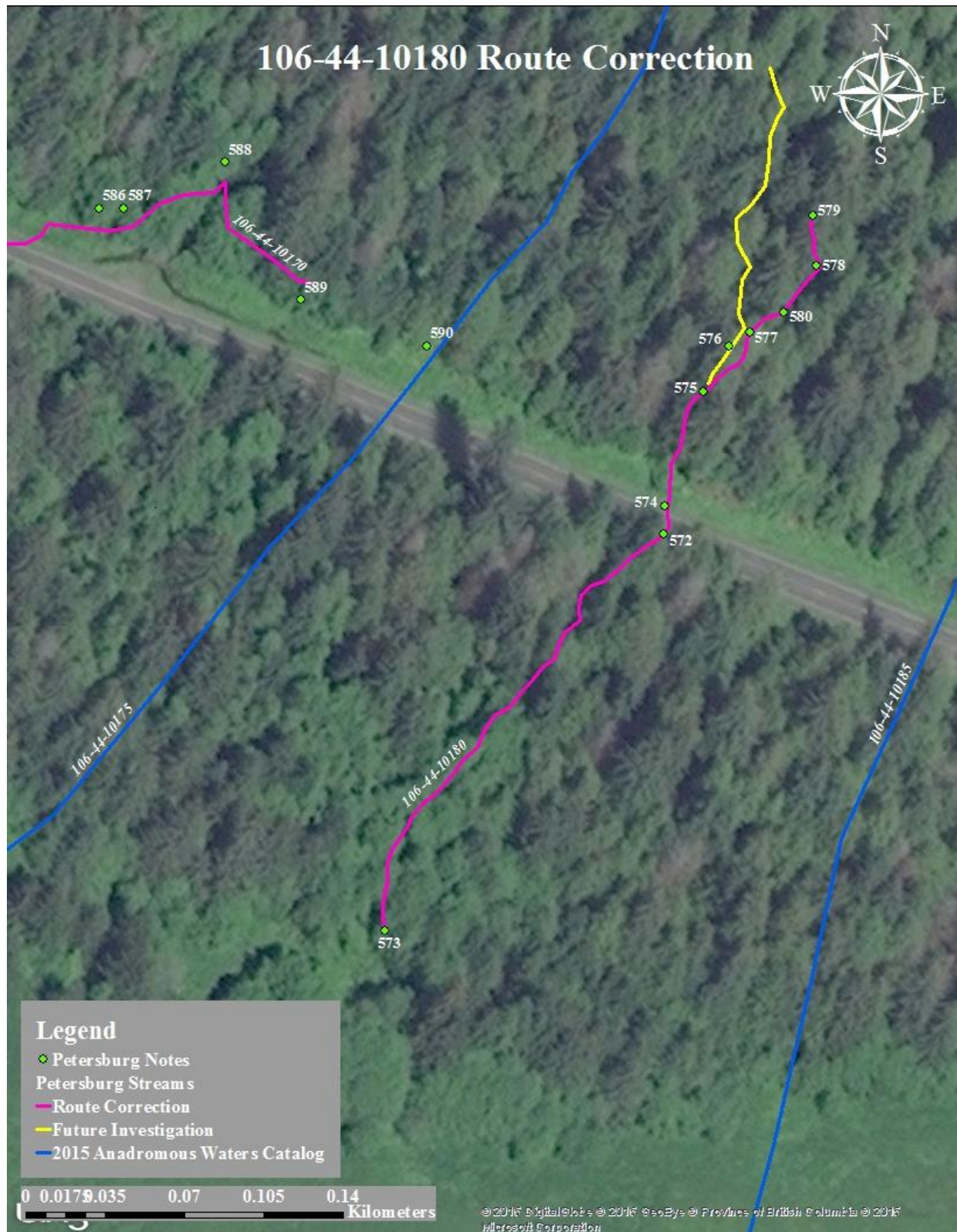


Figure 1.–106-44-10180 route correction map.

Petersburg

106-44-10190**CORRECTION****Water body name:****Survey date:** 6/15/2013**Water body number:** 106-44-10190**Species & Lifestage:** COp**Watershed:** Petersburg Creek-Frontal Wrangell Narrows**MTR:** C060S080E **Quad:** Petersburg C-3

Findings: We surveyed this stream using a backpack electrofisher and a GPS (Table 1). We found the stream course differs from the AWC. This stream ended in a mossy trickle upstream of the culvert.

Recommendations: Update the current route in the AWC (Figure 1).

Nomination: 15-594, 15-101

Table 1.—106-44-10190 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|-----------------------------------|---------------|----------------|
| 569 | 56.6167 | -132.8313 | Mouth of stream into Blind River. | | |
| 568 | 56.6178 | -132.8318 | Outlet of pipe. | EF | DV, CT, CO |
| 570 | 56.6180 | -132.8316 | Inlet of culvert. | | |
| 571 | 56.6179 | -132.8314 | End of habitat. Mossy trickle | | |



Figure 1.–106-44-10190 route correction map.

Petersburg

106-44-10195**CORRECTION****Water body name:****Survey date:** 6/15/2013**Water body number:** 106-44-10195**Species & Lifestage:** COpr**Watershed:** Petersburg Creek-Frontal Wrangell Narrows**MTR:** C061S081E **Quad:** Petersburg C-3

Findings: Over the course of two days we surveyed stream 106-44-10195 and caught coho salmon using a backpack electrofisher, handnet, and a GPS (Table 1). We ended the survey at a rock wall barrier.

Recommendations: Update the current route in the AWC (Figure 1).

Nomination: 13-582

Table 1.—106-44-10195 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 544 | 56.6144 | -132.8245 | Mouth of stream going into slough. | | |
| 549 | 56.6156 | -132.8255 | Tributary river left, tracking and electrofishing up. | | |
| 550 | 56.6163 | -132.8252 | Downstream side of culvert. | EF | 2 CO |
| 551 | 56.6165 | -132.8252 | Upstream side of culvert. | EF | 2 CO |
| 559 | 56.6168 | -132.8250 | Handnet 6 CO in still pool up from WPT 551. | HN | 6 CO |
| 560 | 56.6171 | -132.8253 | | HN | 4 CO |
| 561 | 56.6172 | -132.8254 | | HN | 3 CO |
| 562 | 56.6174 | -132.8254 | Many life stages here in this pool 35-75 mm- CO, 80 mm, CT, DV. | VI | CT, DV, CO |
| 563 | 56.6175 | -132.8256 | In pool below mossy gradient increase. | HN | 2 CO |
| 564 | 56.6177 | -132.8257 | Above gradient increase in pool below 2 ' drop. | EF | 3 CO |
| 565 | 56.6177 | -132.8260 | Above 2 ' drop. Observing juvenile CO feeding and defending territories. So cool! | EF | 3 CO |
| 566 | 56.6178 | -132.8259 | | EF | 2 CO |
| 567 | 56.6178 | -132.8318 | Rock wall barrier. Saw CO just below here. | EF | 1 DV |



Figure 1.—106-44-10195 route correction map.

Petersburg

106-44-10195-2020**ADDITION****Water body name:****Survey date:** 6/14/2013**Water body number:** 106-44-10195-2020**Species & Lifestage:** CO**Watershed:** Petersburg Creek-Frontal Wrangell Narrows**MTR:** C061S081E **Quad:** Petersburg C-3

Findings: We surveyed stream number 106-44-10195-2020 and caught coho salmon using a backpack electrofisher and a GPS (Table 1). We stopped surveying because of low flows and electrofisher issues.

Recommendations: Add stream to the AWC (Figure 1).

Nomination: 13-581

Table 1.—106-44-10195-2020 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 545 | 56.6158 | -132.8239 | Downstream side of culvert. | VI | 7 CO |
| 546 | 56.6161 | -132.8237 | Upstream side of culvert. | EF | 2 CO |
| 547 | 56.6161 | -132.8237 | | EF | 2 CO |
| 548 | 56.6164 | -132.8239 | Low flow and going in and out of ground. Electrofisher still not working. | EF | No fish |
| 549 | 56.6156 | -132.8255 | Tributary river left, tracking and electrofishing up. | | |

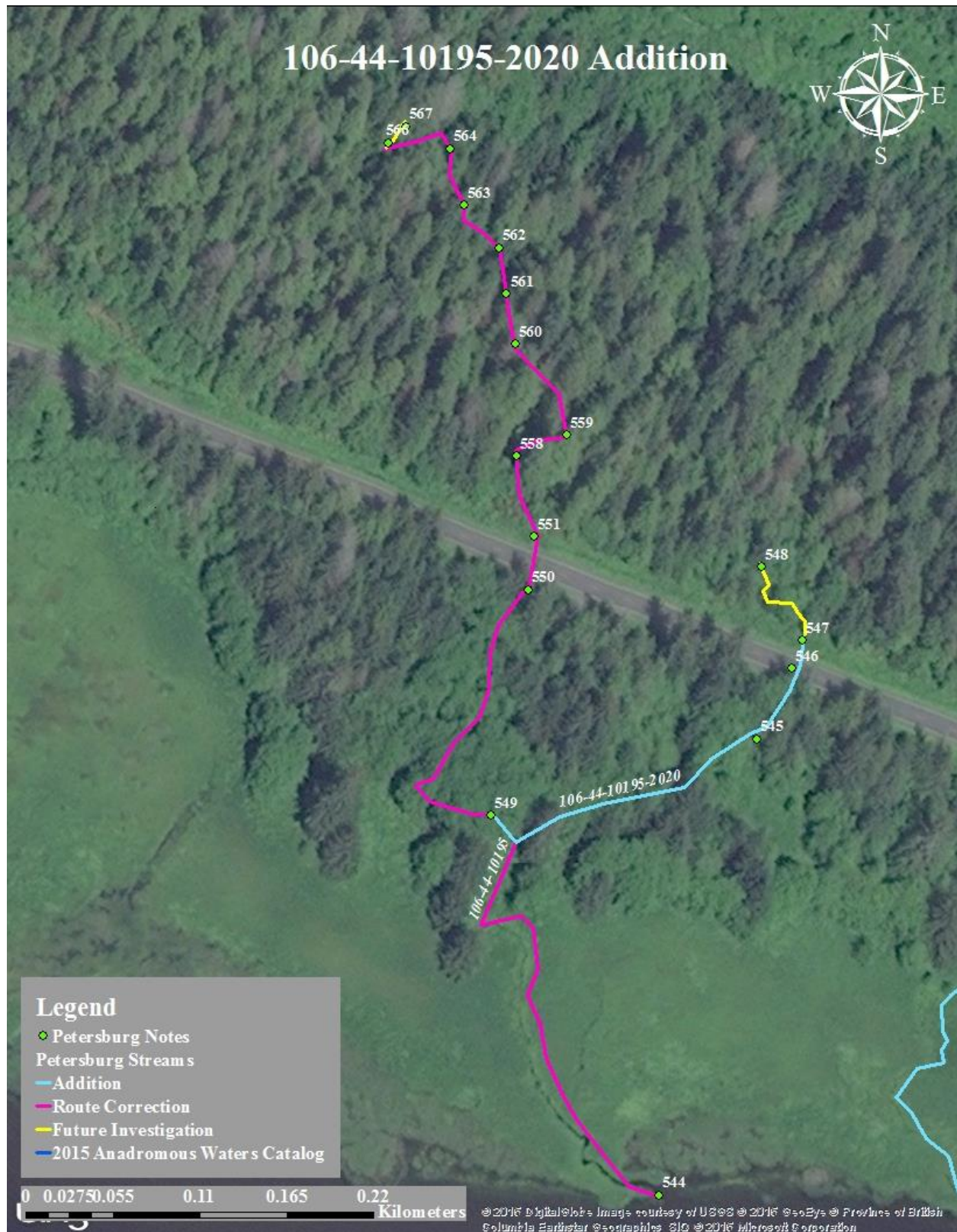


Figure 1.–106-44-10195-2020 addition map.

Petersburg

106-44-10240**CORRECTION****Water body name:** Blind River**Survey date:** 6/14/2013**Water body number:** 106-44-10240**Species & Lifestage:** CHp, COp, Sp, DVp**Watershed:** Petersburg Creek-Frontal Wrangell Narrows**MTR:** C061S081E **Quad:** Petersburg C-3

Findings: We surveyed Blind River and its tributaries over the course of four days (Tables 1). We tracked two side channels and added them to the route. The upper extent of this stream crosses the Mitkof Highway and ends in a bedrock cascade barrier falls (Figure 1).

Recommendations: Update this stream route in the AWC (Figure 2).

Nomination: 13-567

Table 1.—106-44-10240 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 454 | 56.5957 | -132.7616 | At Man Made Hole. Diversion of wat at a foot bridge over Blind River. | | |
| 455 | 56.5965 | -132.7611 | Culvert outlet under Mitkof Highway. | | |
| 456 | 56.5966 | -132.7609 | Culvert inlet. | | |
| 457 | 56.5972 | -132.7594 | Barrier, bedrock waterfall with a 30' drop/cascade. | | |
| 458 | 56.5946 | -132.7617 | Water that was diverted into Man Made Hole reentering Blind River. | | |
| 459 | 56.5936 | -132.7625 | Possible tributary entering river left coming of slough like area. | | |
| 460 | 56.5934 | -132.7624 | Water is coming out of beaver/slough area. Drop earth dam here. | EF | 5 CO |
| 461 | 56.5931 | -132.7650 | Tributary entering river left. | | |
| 464 | 56.5933 | -132.7662 | Tributary entering river right. | | |
| 472 | 56.5946 | -132.7726 | Tributary entering river left. | | |
| 474 | 56.5985 | -132.7750 | Tributary entering river right. | | |
| 476 | 56.5989 | -132.7754 | Tributary entering river right. | | |
| 478 | 56.5997 | -132.7766 | Tribuary entering river left. | | |
| 487 | 56.6133 | -132.8185 | Mouth of possible cataloged stram. On bridge at hatchery. | | |
| 488 | 56.6086 | -132.8018 | Tribuary entering river right. | EF | No Fish |
| 496 | 56.6086 | -132.8018 | Mainstem. | | |
| 497 | 56.6064 | -132.7945 | Tributary entering river left. | | |
| 498 | 56.6056 | -132.7938 | Above a 6' beaver dam. Backs up into a large complex. | EF | No Fish |

Table 1.–Continued.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|--|---------------|----------------|
| 499 | 56.6063 | -132.7940 | Mainstem. | | |
| 500 | 56.6054 | -132.7905 | Big long lily pad pond on side channel. | | |
| 501 | 56.6057 | -132.7917 | On side channel of Blind River. | | |
| 502 | 56.6059 | -132.7902 | Connect this wpt with 497. Side channel. | | |
| 503 | 56.6027 | -132.7826 | Mouth of side channel entering Blind River on river left. | | |
| 504 | 56.6026 | -132.7833 | Splits here. Keeping river left. | | |
| 505 | 56.6037 | -132.7871 | Massive side channel. | | |
| 506 | 56.6025 | -132.7834 | Tributary entering river right. | | |
| 508 | 56.6027 | -132.7825 | Mainstem. | | |
| 509 | 56.5997 | -132.7767 | Back to tributary we ended on yesterday. Blind River (left) has been done. | | |
| 510 | 56.6132 | -132.8183 | Tributary entering river right at bridge to hatchery. | | |

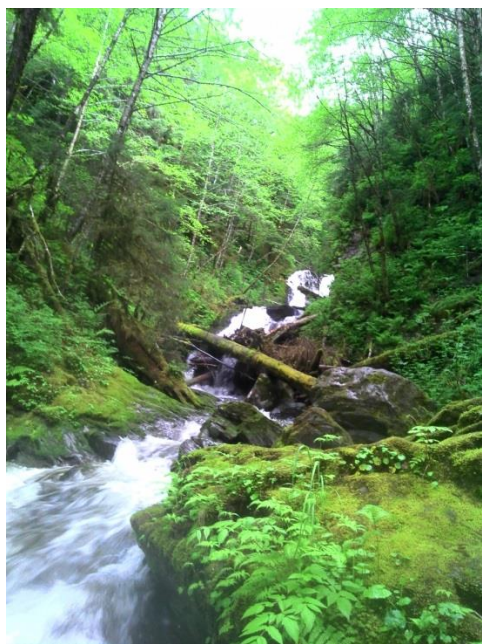


Figure 1.–Blind River cascade barrier falls.

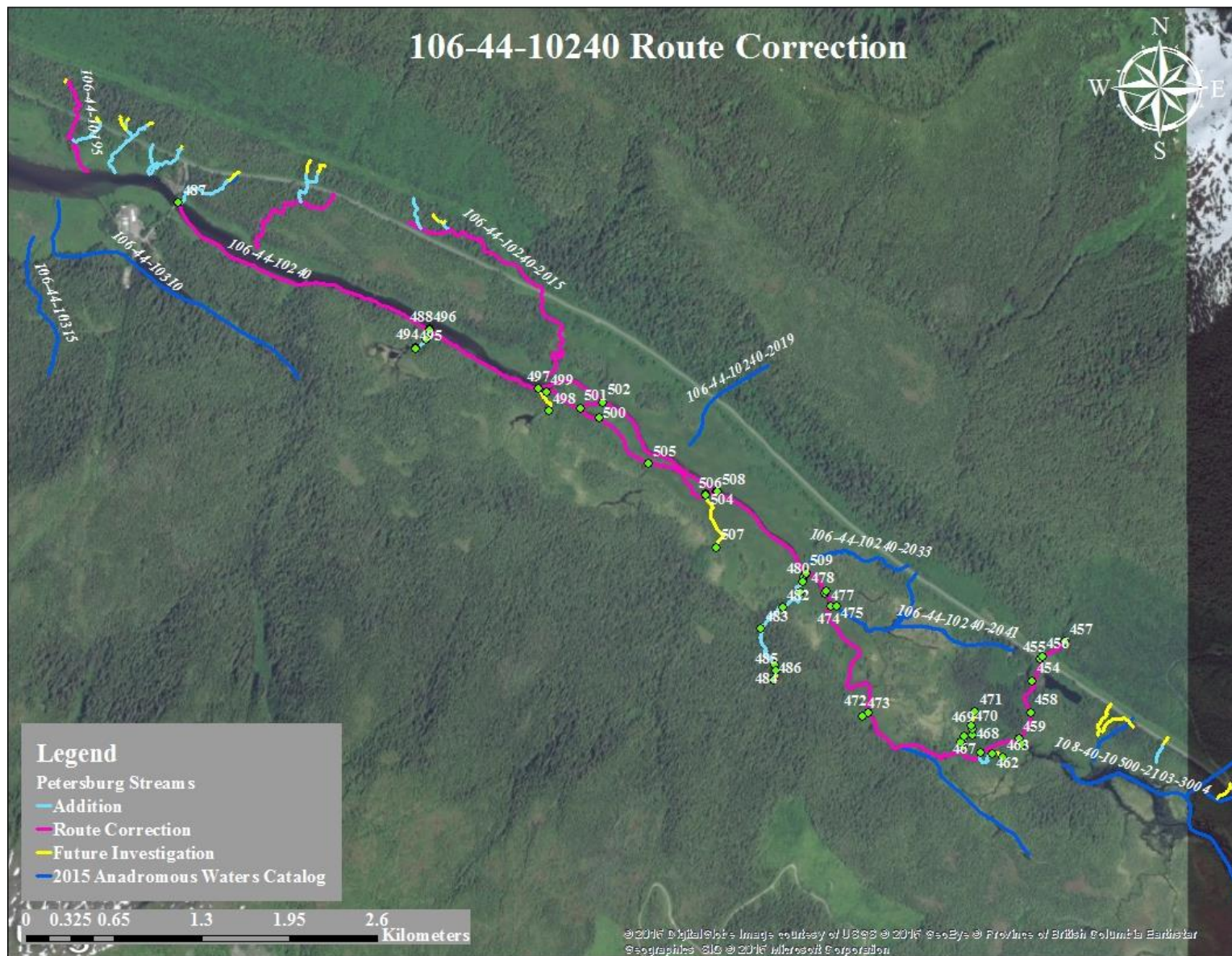


Figure 2.—106-44-10240 route correction map.

Petersburg

Petersburg

106-44-10240 TRIBUTARY

ADDITION

Water body name:

Survey date: 6/5/2013

Water body number: 106-44-10240 Tributary

Species & Lifestage:

Watershed: Petersburg Creek-Frontal Wrangell Narrows

MTR: C061S081E **Quad:** Petersburg C-3

Findings: We surveyed this short uncataloged tributary to Blind River using a backpack electrofisher and a GPS (Table 1). We electrofished one rearing coho salmon, in a small pool below a small earth dam (Figure 1).

Recommendations: Add stream to AWC (Figure 2).

Nomination: 13-573, not added; not enough fish.

Table 1.—106-44-10240 tributary survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|--|---------------|----------------|
| 476 | 56.5989 | -132.7754 | Tributary entering river right. | | |
| 477 | 56.5990 | -132.7753 | Top of tributary. Another earth dam falls. | EF | 1 CO |



Figure 1.—Upper extent of tributary.

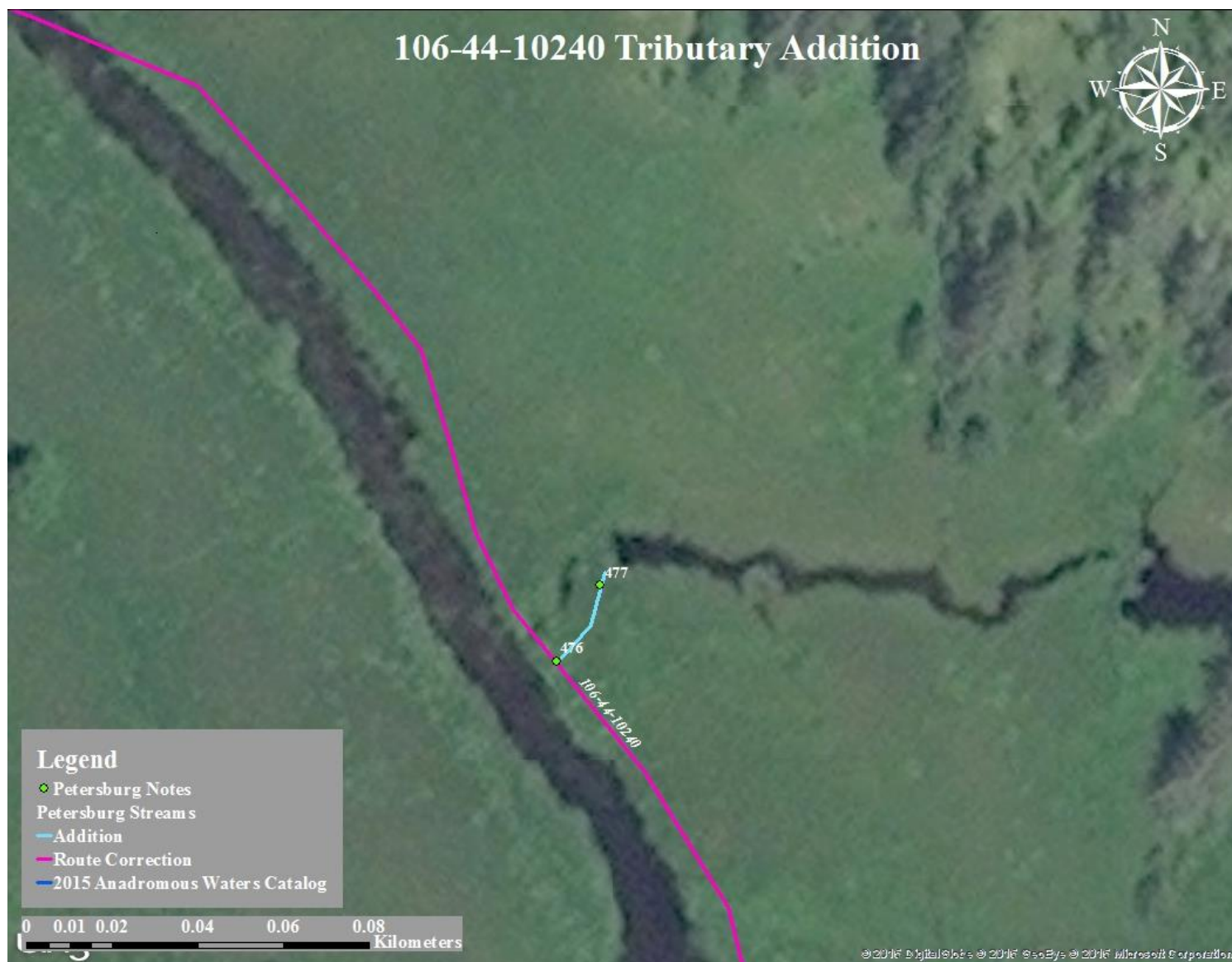


Figure 2.—106-44-10240 tributary addition map.

Petersburg

106-44-10240-2001**ADDITION****Water body name:****Survey date:** 6/14/2013**Water body number:** 106-44-10240-2001**Species & Lifestage:** CO**Watershed:** Petersburg Creek-Frontal Wrangell Narrows**MTR:** C061S081E **Quad:** Petersburg C-3

Findings: We surveyed stream number 106-44-10240-2001 with a backpack electrofisher and caught coho salmon (Table 1). The gradient increased and flow decreased in the upper section of the creek. This upper section could be good rearing habitat if there was more water.

Recommendations: Add stream to the AWC (Figure 1).

Nomination: 13-579

Table 1.—106-44-10240-2001

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 525 | 56.6144 | -132.8227 | Mouth of stream entering Blind Slough. | | |
| 526 | 56.6155 | -132.8220 | Outlet of culvert. | EF | 4 CO |
| 527 | 56.6157 | -132.8215 | Inlet of culvert. Ditch entering river right. | EF | 5 CO |
| 528 | 56.6158 | -132.8214 | | EF | 2 CO |
| 529 | 56.6159 | -132.8211 | Becomes disconnected here. | VL | 3 CO |
| 530 | 56.6160 | -132.8210 | | EF | 2 DV, 3 CO |
| 531 | 56.6160 | -132.8207 | | EF | 1 DV, 3 CO |
| 532 | 56.6161 | -132.8205 | | EF | 2 DV, 2 CO |
| 533 | 56.6162 | -132.8202 | Gradient increases and water flow very low. Not much in way of spawning habitat, but could be good rearing habitat with more water. | EF | No Fish |



Figure 1.—106-44-10240-2001 addition map.

Petersburg

106-44-10240-2001-3021

ADDITION

Water body name:

Survey date: 6/14/2013

Water body number: 106-44-10240-2001-3021

Species & Lifestage: CO

Watershed: Petersburg Creek-Frontal Wrangell Narrows

MTR: C061S081E **Quad:** Petersburg C-3

Findings: We surveyed stream number 106-44-10240-2001-3021 using a backpack electrofisher, handnet, and a GPS (Table 1). We captured rearing coho salmon and Dolly Varden char (Figure 1). This creek originates from a seep in the ground.

Recommendations: Add stream to the AWC (Figure 2).

Nomination: 13-580

Table 1.—106-44-10240-2001-3021 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 527 | 56.6157 | -132.8215 | Inlet of culvert. Ditch entering river right. | EF | 5 CO |
| 534 | 56.6158 | -132.8216 | | EF | 2 CO |
| 535 | 56.6158 | -132.8217 | | EF | 3 CO |
| 536 | 56.6158 | -132.8217 | | EF | 6 CO |
| 537 | 56.6160 | -132.8219 | | EF | 4 CO, 1 DV |
| 538 | 56.6160 | -132.8220 | Tributary entering river right. | | |
| 539 | 56.6160 | -132.8220 | | EF | 7 CO |
| 540 | 56.6161 | -132.8220 | | HN | 6 CO |
| 541 | 56.6163 | -132.8219 | | HN | 2 CO |
| 542 | 56.6163 | -132.8218 | Water is seeping out of the ground. Calling it the top of this tributary. | EF | No Fish |



Figure 1.—Coho salmon caught using a handnet in 106-44-10240-2001-3021.

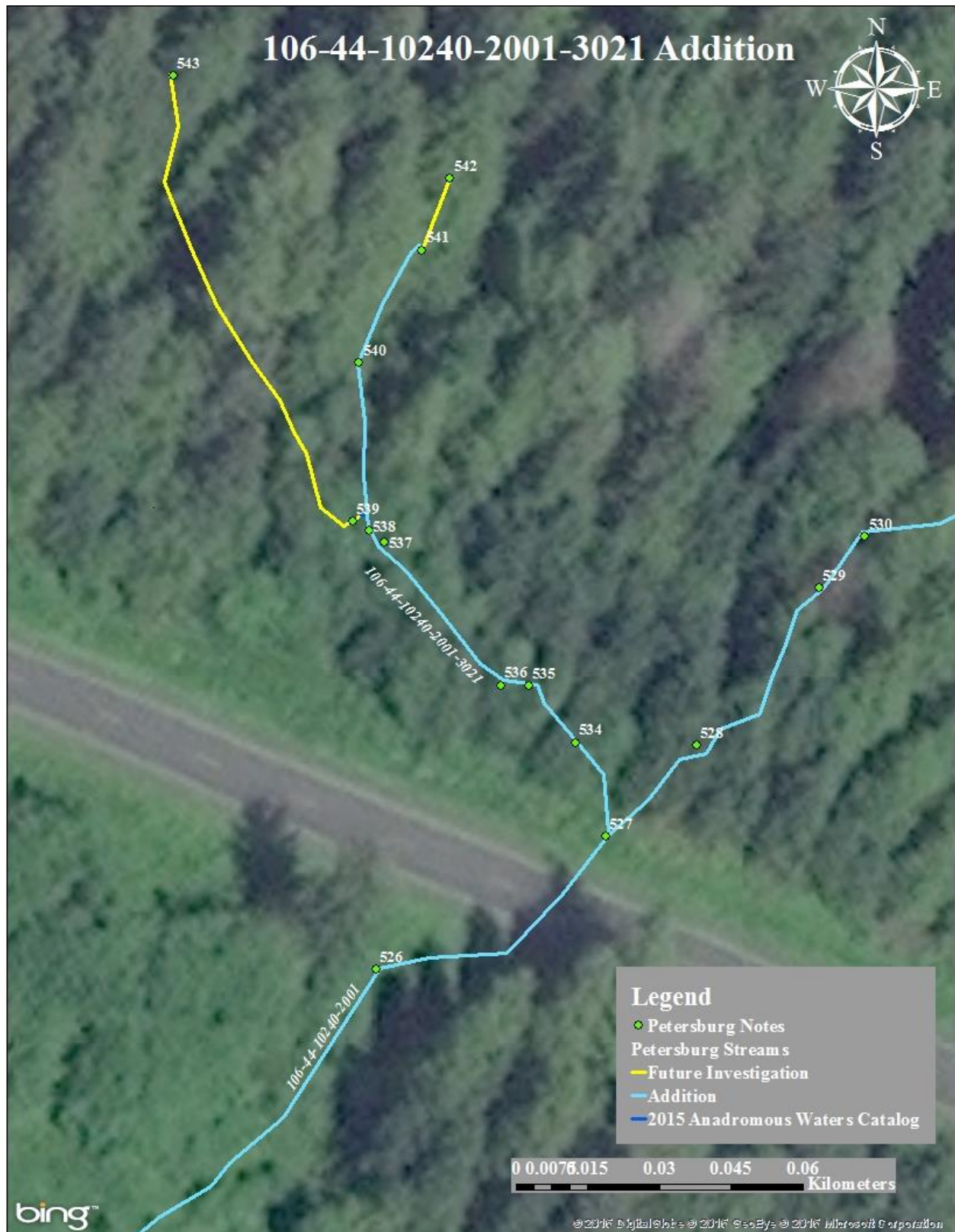


Figure 2.—106-44-10240-2001-3021 addition map.

Petersburg

106-44-10240-2003

ADDITION

Water body name:

Survey date: 6/14/2013

Water body number: 106-44-10240-2003

Species & Lifestage: CO

Watershed: Petersburg Creek-Frontal Wrangell Narrows

MTR: C061S081E **Quad:** Petersburg C-3

Findings: We surveyed this stream with a backpack electrofisher and caught coho salmon (Table 1). There was not enough water in the upper section to sample (Figure 1).

Recommendations: Add stream to AWC (Figure 2).

Nomination: 13-577

Table 1.—106-44-10240-2003 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|--|---------------|----------------|
| 516 | 56.6143 | -132.8204 | Mouth of tributary entering slough. | | |
| 517 | 56.6143 | -132.8204 | Tributary entering river left. | | |
| 520 | 56.6148 | -132.8187 | Outlet of culvert. | EF | 2 CO |
| 521 | 56.6150 | -132.8185 | Inlet of culvert. | EF | 2 CO |
| 522 | 56.6152 | -132.8185 | Visual on CO. | VI | 5 CO |
| 523 | 56.6153 | -132.8183 | | EF | 2 CO |
| 524 | 56.6153 | -132.8182 | Calling it the top. Very low flow, not enough water to EF. | EF | No Fish |



Figure 1.—Upper extent of 106-44-10240-2003.



Figure 2.—106-44-10240-2003 addition map.

Petersburg

106-44-10240-2003-3001

ADDITION

Water body name:

Survey date: 6/14/2013

Water body number: 106-44-10240-2003-3001

Species & Lifestage: CO

Watershed: Petersburg Creek-Frontal Wrangell Narrows

MTR: C061S081E **Quad:** Petersburg C-3

Findings: We surveyed this stream with a backpack electrofisher and a GPS, and caught coho salmon (Table 1), (Figure 1). There was no water flow on the upstream side of the culvert so we ended the survey.

Recommendations: Add stream to AWC (Figure 2).

Nomination: 13-578

Table 1.—106-44-10240-2003-3001 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---------------------------------------|---------------|----------------|
| 517 | 56.6143 | -132.8204 | Tributary entering river left. | | |
| 518 | 56.6152 | -132.8203 | Outlet of culvert. | EF | 2 CO |
| 519 | 56.6154 | -132.8202 | Inlet of culvert. No, water, no flow. | EF | 1 CO |



Figure 1.—Coho salmon caught in a pool below the culvert.

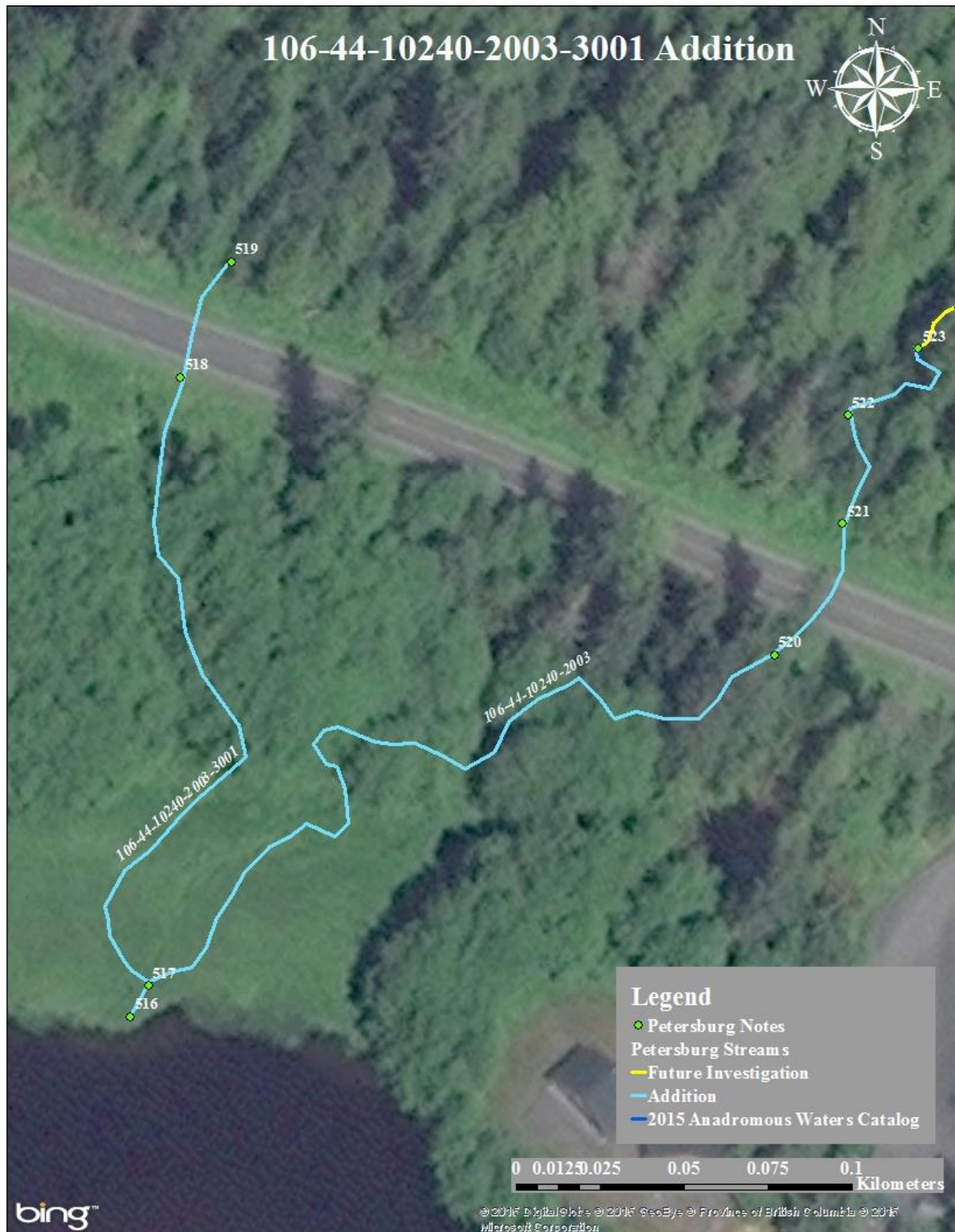


Figure 2.—106-44-10240-2003-3001 addition map.

Petersburg

106-44-10240-2009**ADDITION****Water body name:****Survey date:** 6/14/2013**Water body number:** 106-44-10240-2009**Species & Lifestage:** CO**Watershed:** Petersburg Creek-Frontal Wrangell Narrows**MTR:** C061S081E **Quad:** Petersburg C-3

Findings: We surveyed stream number 106-44-10240-2009 using a backpack electrofisher and a GPS (Table 1). We captured rearing coho salmon and Dolly Varden char. There was not a lot of water in the creek and culvert at the time of sampling.

Recommendations: Add stream to the AWC (Figure 1).

Nomination: 13-576

Table 1.—106-44-10240-2009 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|--|---------------|----------------|
| 510 | 56.6132 | -132.8183 | Mouth of stream entering near the bridge to hatchery. | | |
| 511 | 56.6140 | -132.8152 | EF 2 CO and visual on about 15 more. | EF | 2 CO |
| 512 | 56.6141 | -132.8150 | Becomes a jumble of rocks that may be fish unfriendly. Not a lot of water flow at this time. | EF | 1 DV |
| 513 | 56.6142 | -132.8150 | Outlet of culvert. | | |
| 514 | 56.6143 | -132.8146 | Inlet of culvert. | EF | No Fish |
| 515 | 56.6144 | -132.8144 | Calling top of salmon use. Culvert appears to be a barrier at this time. | EF | 1 DV |

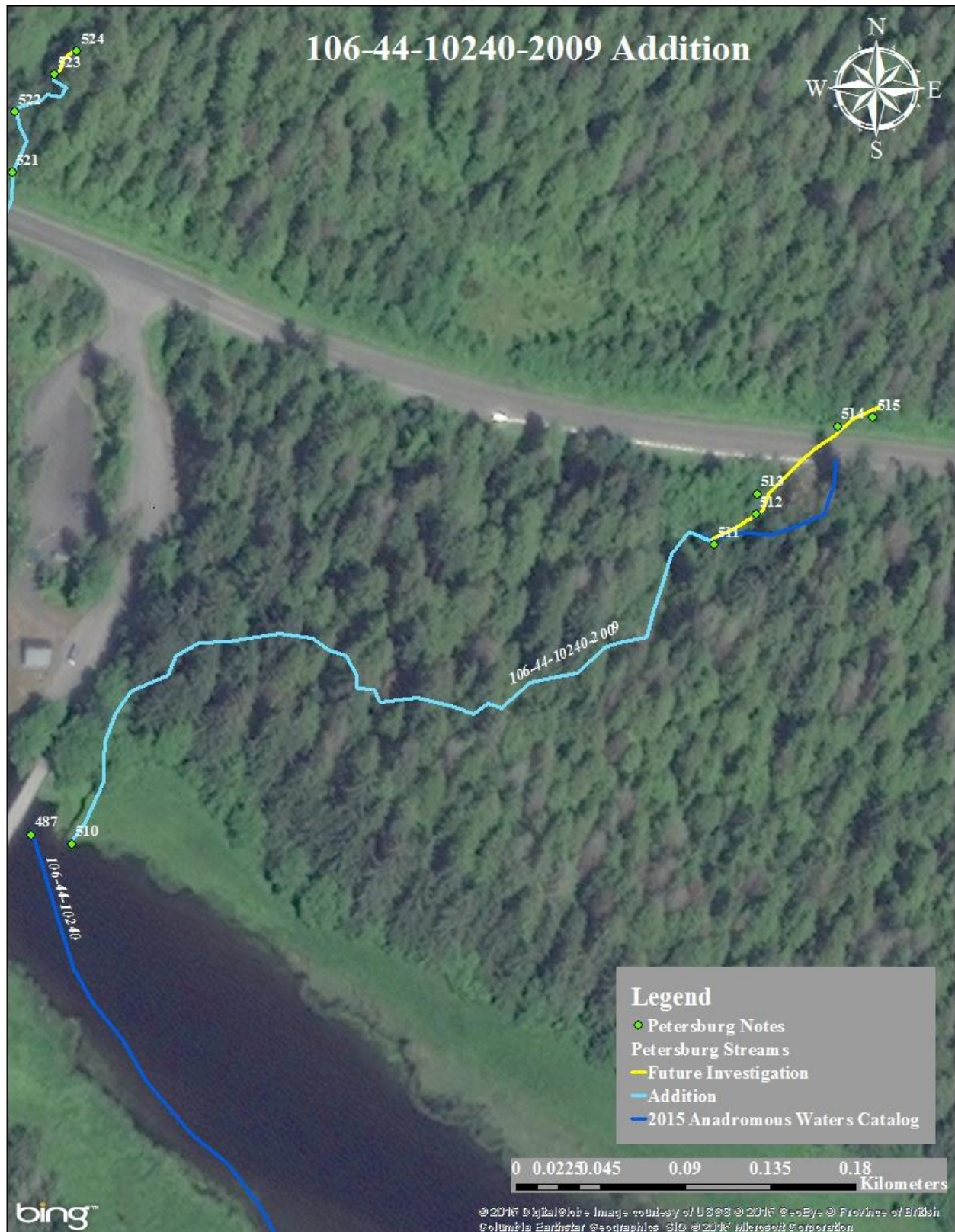


Figure 1.—106-44-10240-2009 addition map.

Petersburg

106-44-10240-2011

CORRECTION

Water body name: Lees Cabin Creek

Survey date: 7/28/2013

Water body number: 106-44-10240-2011

Species & Lifestage: COpr

Watershed: Petersburg Creek-Frontal Wrangell Narrows

MTR: C061S081E **Quad:** Petersburg C-3

Findings: We surveyed the lower portion of this creek using a backpack electrofisher and a GPS (Table 1). We found that the route differs from the AWC. We did not track Lees Cabin Creek above the culvert.

Recommendations: Update the stream route in the AWC (Figure 1).

Nomination: 13-588

Table 1.—106-44-10240-2011 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 282 | 56.6116 | -132.8133 | Mouth of Lee's Cabin into Blind Slough. | | |
| 281 | 56.6133 | -132.8106 | Back to Lee's Cabin Creek. | | |
| 261 | 56.6133 | -132.8083 | In a small pool below a 2.5 ft. rocky cascade. Narrow incised channel. | EF | 1 CO, 3 DV |
| 262 | 56.6131 | -132.8088 | In pool at base of tree. | EF | 1 CO, 3 DV |
| 263 | 56.6133 | -132.8103 | Tributary entering river right. Caught 3 CO in pool just above confluence in tributary. | EF | 3 CO, 1 DV |

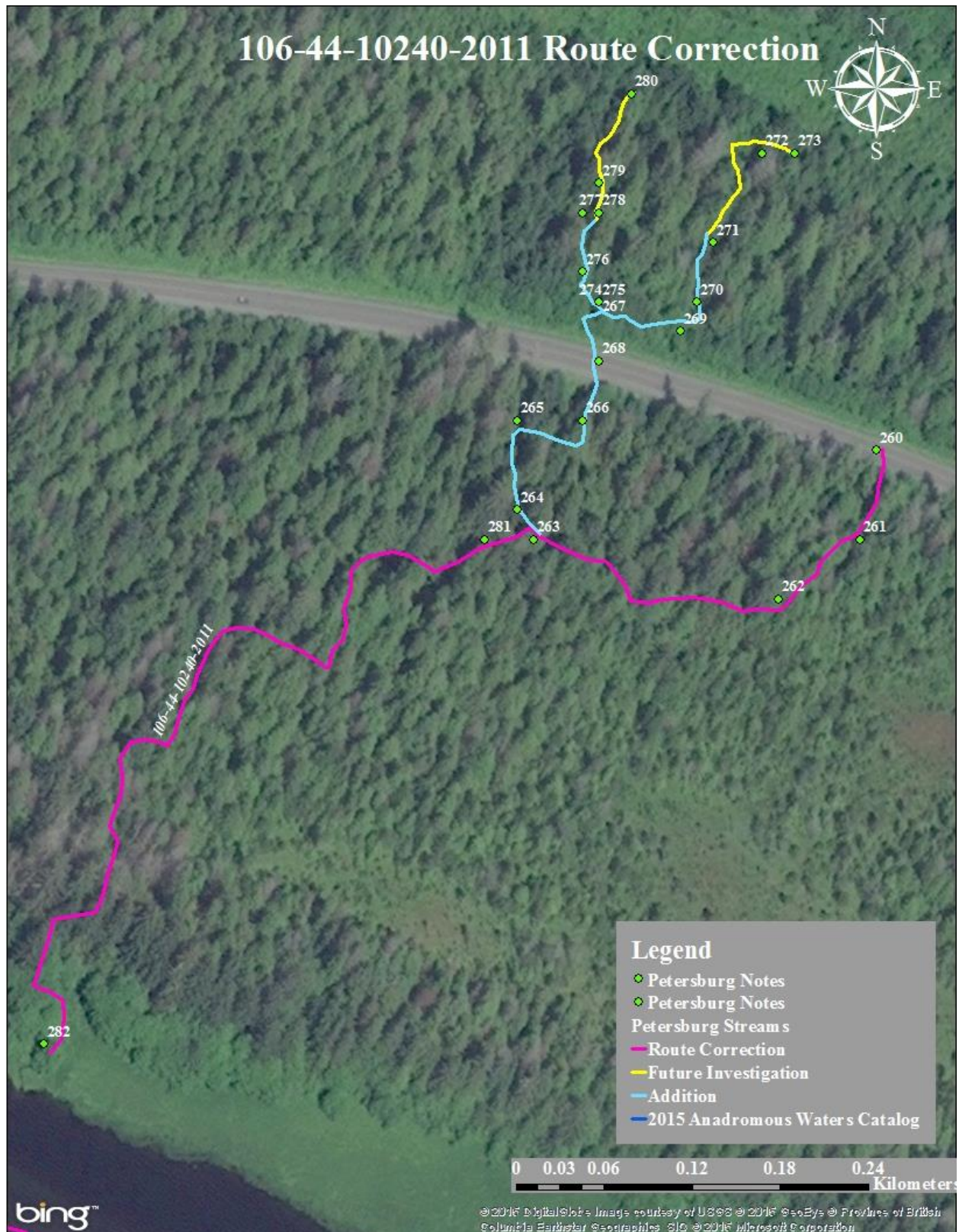


Figure 1.–106-44-10240-2011 route correction map.

Petersburg

106-44-10240-2011-3015**ADDITION****Water body name:****Survey date:** 7/28/2013**Water body number:** 106-44-10240-2011-3015**Species & Lifestage:** CO or**Watershed:** Petersburg Creek-Frontal Wrangell Narrows**MTR:** C061S081E **Quad:** Petersburg C-3

Findings: We surveyed this stream using a backpack electrofisher and a GPS (Table 1). We caught coho salmon and Dolly Varden char. The upper extent of this stream begins from a ground seep.

Recommendations: Add stream to the AWC (Figure 1).

Nomination: 13-587

Table 1.—106-44-10240-2011-3015 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 263 | 56.6133 | -132.8103 | Tributary entering river right. Caught 3 CO in pool just above confluence in tributary. | EF | 3 CO, 1 DV |
| 264 | 56.6134 | -132.8104 | | EF | 4 CO |
| 265 | 56.6137 | -132.8104 | Stream is shallow, low flow, gravel, and silty. | EF | 3 CO |
| 266 | 56.6137 | -132.8100 | | EF | 2 CO |
| 267 | 56.6141 | -132.8099 | Inlet of culvert under Mitkof Highway. Branches at culvert. We are taking the river left tributary first. | EF | 1 CO |
| 268 | 56.6139 | -132.8099 | Outlet of culvert under Mitkof Highway. Caught 2 CO at base of culvert. | EF | 2 CO |
| 269 | 56.6140 | -132.8094 | | EF | 1 CO, 1 DV |
| 270 | 56.6141 | -132.8093 | | EF | 2 CO, 1 DV |
| 271 | 56.6143 | -132.8092 | | EF | 1 CO, 3 DV |
| 272 | 56.6146 | -132.8089 | | EF | 1 DV |
| 273 | 56.6146 | -132.8087 | Calling it the top. Flow discontinues, seeping out from ground. | EF | No Fish |

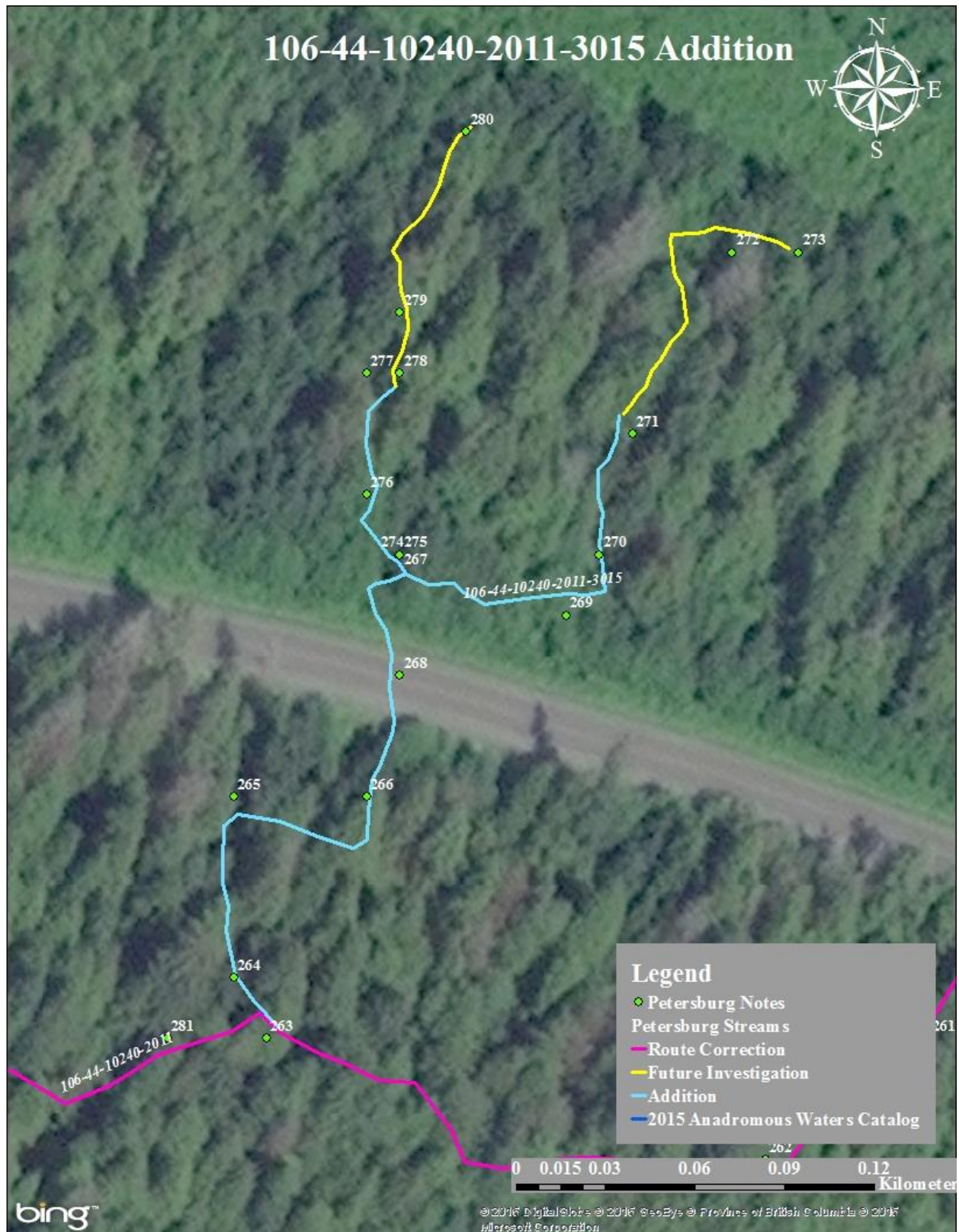


Figure 1.—106-44-10240-2011-3015 addition map.

Petersburg

106-44-10240-2011-3015-4015**ADDITION****Water body name:****Survey date:** 7/28/2013**Water body number:** 106-44-10240-2011-3015-4015**Species & Lifestage:** CO**Watershed:** Petersburg Creek-Frontal Wrangell Narrows**MTR:** C061S081E **Quad:** Petersburg C-3

Findings: We surveyed this tributary to Lees Cabin Creek using a backpack electrofisher and a GPS (Table 1). We caught coho salmon and Dolly Varden char. The upper extent of this stream is seeping out of moss.

Recommendations: Add stream to the AWC (Figure 1).

Nomination: 13-589

Table 1.—106-44-10240-2011-3015-4015 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 274 | 56.6141 | -132.8099 | Back to culvert, now sampling river right branch. | | |
| 275 | 56.6141 | -132.8099 | Small pool, organic bottom. | EF | 1 CO |
| 276 | 56.6142 | -132.8100 | | EF | 2 CO, 1 DV |
| 277 | 56.6144 | -132.8100 | Shallow gravel bottom | EF | 1 CO, 1 DV |
| 278 | 56.6144 | -132.8099 | | EF | 1 CO, 1 DV |
| 279 | 56.6145 | -132.8099 | | EF | 3 DV |
| 280 | 56.6148 | -132.8097 | Top of tributary. Seeping out of moss. | EF | 2 DV |



Figure 1.—106-44-10240-2011-3015-4015 addition map.

Petersburg

106-44-10240-2014

ADDITION

Water body name:

Survey date: 6/6/2014

Water body number: 106-44-10240-2014

Species & Lifestage: CO

Watershed: Petersburg Creek-Frontal Wrangell Narrows

MTR: C061S081E **Quad:** Petersburg C-3

Findings: We surveyed this tributary to Blind River using a backpack electrofisher and a GPS (Table 1). There is a beaver dam with a large pond in the upper section of this tributary (Figure 1).

Recommendations: Add stream to AWC (Figure 2).

Nomination: 13-575

Table 1.—106-44-10240-2014 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|--|---------------|----------------|
| 487 | 56.6133 | -132.8185 | At the mouth of possible cataloged stream. On bridge at hatchery. | | |
| 488 | 56.6086 | -132.8018 | Mouth of tributary coming in on river right. | EF | No Fish |
| 489 | 56.6085 | -132.8018 | At treeline on river right bank. Multiple CO about 70mm. | EF | CO |
| 490 | 56.6084 | -132.8018 | Beautiful fish about 35mm! | EF | 2 CO |
| 491 | 56.6084 | -132.8019 | Multiple CO about 35mm schooling in shallow pool. Sand cobble substrate. | EF | CO |
| 492 | 56.6083 | -132.8020 | In side pool nearing ponded wetland multiple CO about 35mm. | EF | CO |
| 493 | 56.6082 | -132.8020 | At beginning of ponded wetland multiple CO about 35mm. | VI | CO |
| 494 | 56.6080 | -132.8027 | Just below large pond created by debris jam captured 2 CO about 70mm and visual on more. | EF | 2 CO |
| 495 | 56.6079 | -132.8027 | Beaver dam, large pond above. Too big to electrofish. | | |



Figure 1.—Beaver dam on 106-44-10240-2014.



Figure 2.—106-44-10240-2014 addition map.

Petersburg

106-44-10240-2015**CORRECTION****Water body name:** Powerline Creek**Survey date:** 6/18/2013**Water body number:** 106-44-10240-2015**Species & Lifestage:** COpr**Watershed:** Petersburg Creek-Frontal Wrangell Narrows**MTR:** C060S080E **Quad:** Petersburg C-3**Findings:** We surveyed this stream using a backpack electrofisher, a handnet, and a GPS (Table 1). We captured rearing coho salmon and Dolly Varden char. This stream's route differs from that illustrated in the AWC.**Recommendations:** Update this stream's course to reflect its field-verified route and sinuosity in the AWC (Figure 1).**Nomination:** 13-525

Table 1.—106-44-10240-2015 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 869 | 56.6079 | -132.7930 | Stopping here because running into beaver workshop and stream becoming to deep and wide to cross. | | |
| 870 | 56.6081 | -132.7929 | Stream entering here. | | |
| 871 | 56.6090 | -132.7937 | Tributary entering river left. | | |
| 872 | 56.6092 | -132.7937 | | HN | 3 CO |
| 873 | 56.6094 | -132.7938 | | HN | 2 CO |
| 874 | 56.6094 | -132.7940 | | HN | 8 CO |
| 875 | 56.6096 | -132.7942 | Turns out to be a side channel. | | |
| 876 | 56.6099 | -132.7943 | Downstream side of culvert. | | |
| 877 | 56.6101 | -132.7942 | Upstream side of culvert. | | |
| 878 | 56.6103 | -132.7946 | | HN | 2 CO |
| 879 | 56.6105 | -132.7952 | | HN | 6 CO |
| 880 | 56.6108 | -132.7957 | | HN | 10 CO |
| 881 | 56.6111 | -132.7965 | | HN | 3 CO |
| 882 | 56.6120 | -132.7983 | | HN | 2 CO |
| 883 | 56.6121 | -132.8001 | | HN | 3 CO |
| 884 | 56.6123 | -132.8004 | Tributary entering river left. | | |
| 893 | 56.6122 | -132.8010 | | HN | 3 CO |
| 894 | 56.6123 | -132.8024 | | HN | 2 CO |
| 895 | 56.6124 | -132.8025 | | HN | 2 CO |
| 901 | 56.6125 | -132.8027 | | EF | 2 DV, 2 CO |
| 902 | 56.6124 | -132.8027 | | HN | 4 CO |
| 903 | 56.6125 | -132.8032 | | EF | 3 CO |
| 904 | 56.6126 | -132.8042 | Upstream side of a culvert that water from stream could also flow through at high water. | | |
| 905 | 56.6134 | -132.8052 | Top of stream, just coming out of a mass of roots and hillside. | | |

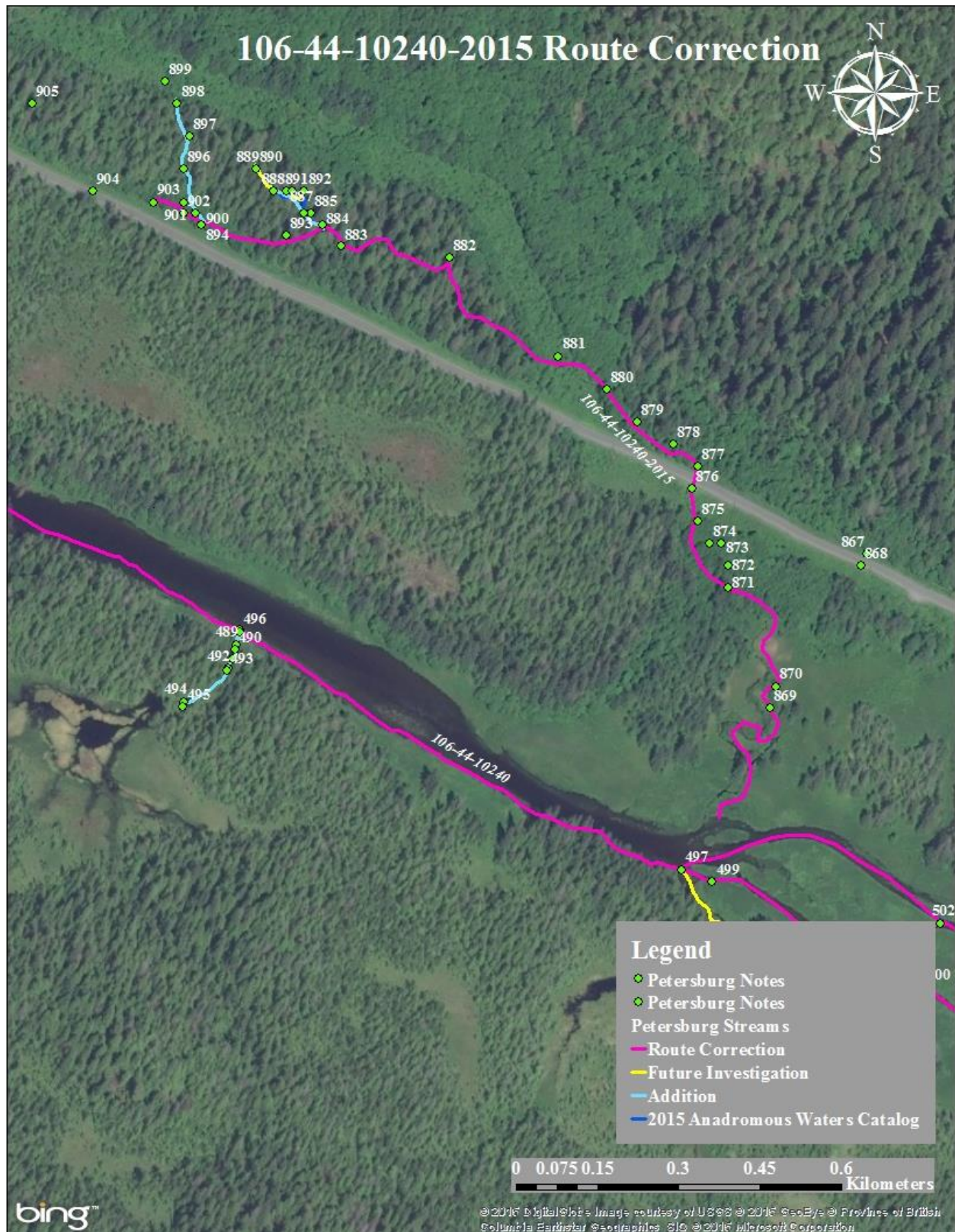


Figure 1.–106-44-10240-2015 route correction map.

Petersburg

106-44-10240-2015-3032**ADDITION****Water body name:****Survey date:** 6/19/2013**Water body number:** 106-44-10240-2015-3032**Species & Lifestage:** CO**Watershed:** Petersburg Creek-Frontal Wrangell Narrows**MTR:** C060S080E **Quad:** Petersburg C-3

Findings: We surveyed this tributary off the corrected route of Powerline Creek using a backpack electrofisher, a handnet, and a GPS (Table 1). It provides good rearing habitat for juvenile coho salmon, which were handnetted and electrofished throughout.

Recommendations: Add this stream to the AWC (Figure 1).

Nomination: 13-550

Table 1.—106-44-10240-2015-3032 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|--|---------------|----------------|
| 900 | 56.6123 | -132.8024 | Tributary entering river right. Tracked now back to main. | | |
| 895 | 56.6124 | -132.8025 | | HN | 2 CO |
| 896 | 56.6128 | -132.8027 | | HN | 2 CO |
| 897 | 56.6131 | -132.8026 | | HN | 1 CO |
| 898 | 56.6134 | -132.8028 | | EF | 1 DV, 2 CO |
| 899 | 56.6136 | -132.8030 | Top of tributary. Seeping out of ground on hillside. | | |

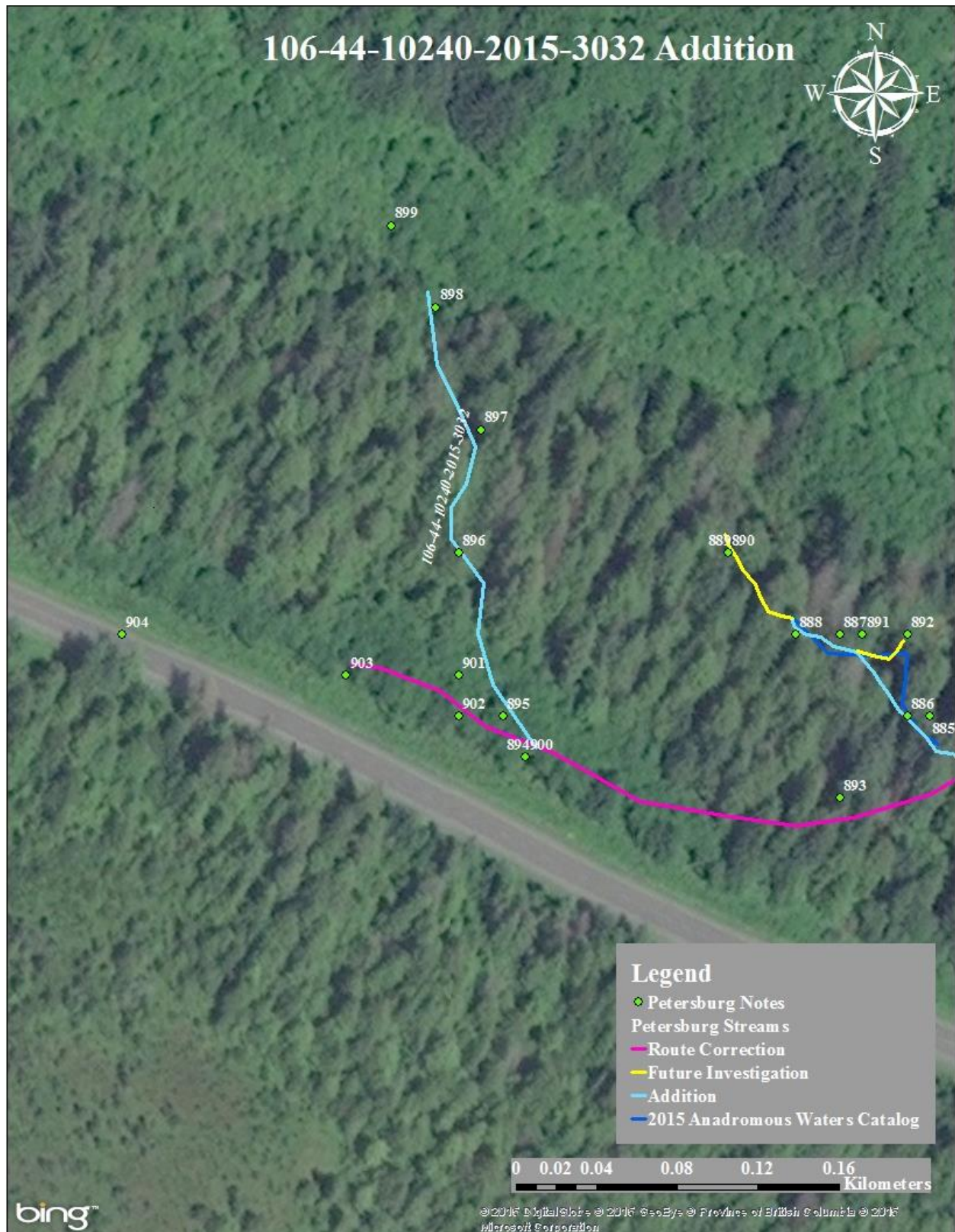


Figure 1.-106-44-10240-2015-3032 addition map.

Petersburg

106-44-10240-2015-3026**ADDITION****Water body name:****Survey date:** 6/30/2013**Water body number:** 106-44-10240-2015-3026**Species & Lifestage:** CO**Watershed:** Petersburg Creek-Frontal Wrangell Narrows**MTR:** C061S081E **Quad:** Petersburg C-3**Findings:** We surveyed this tributary using a backpack electrofisher and a GPS (Table 1). We captured rearing coho salmon and Dolly Varden char in this tributary to Powerline Creek.**Recommendations:** Add stream to AWC (Figure 1).**Nomination:** 14-576

Table 1.—106-44-10240-2015-3026 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 884 | 56.6123 | -132.8004 | Tributary entering river left. | | |
| 885 | 56.6124 | -132.8006 | | EF | 1 DV, 2 CO |
| 886 | 56.6124 | -132.8007 | | EF | 2 CO |
| 891 | 56.6126 | -132.8009 | Tributary entering tributary on river left. | | |
| 887 | 56.6126 | -132.8010 | | EF | 2 CO |
| 888 | 56.6126 | -132.8012 | | EF | 2 CO |
| 889 | 56.6128 | -132.8015 | Calling it the top of tributary, just seeping up out of the ground. | | |
| 890 | 56.6128 | -132.8015 | Pocket dial. | | |



Figure 1.—106-44-10240-2015-3026 addition map.

Petersburg

106-44-10240-2034**ADDITION****Water body name:****Survey date:** 6/5/2013**Water body number:** 106-44-10240-2034**Species & Lifestage:** CO**Watershed:** Petersburg Creek-Frontal Wrangell Narrows**MTR:** C061S081E **Quad:** Petersburg C-3**Findings:** We surveyed this tributary to Blind River using a backpack electrofisher and a GPS (Table 1). We captured rearing coho salmon throughout the tributary.**Recommendations:** Add stream to AWC (Figure 1).**Nomination:** 13-574

Table 1.—106-44-10240-2034 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 478 | 56.5997 | -132.7766 | Tributary entering river left. | | |
| 479 | 56.5995 | -132.7768 | | EF | 2 CO |
| 480 | 56.5994 | -132.7769 | | EF | 6 CO |
| 481 | 56.5990 | -132.7770 | | EF | 4 CO |
| 482 | 56.5984 | -132.7782 | | EF | 2 CO |
| 483 | 56.5977 | -132.7797 | | HN | 8 CO |
| 484 | 56.5963 | -132.7788 | | EF | 3 CO |
| 485 | 56.5961 | -132.7787 | | EF | 5 CO |
| 486 | 56.5958 | -132.7788 | Calling top, the water is low, gradient increase and cascading. | | |

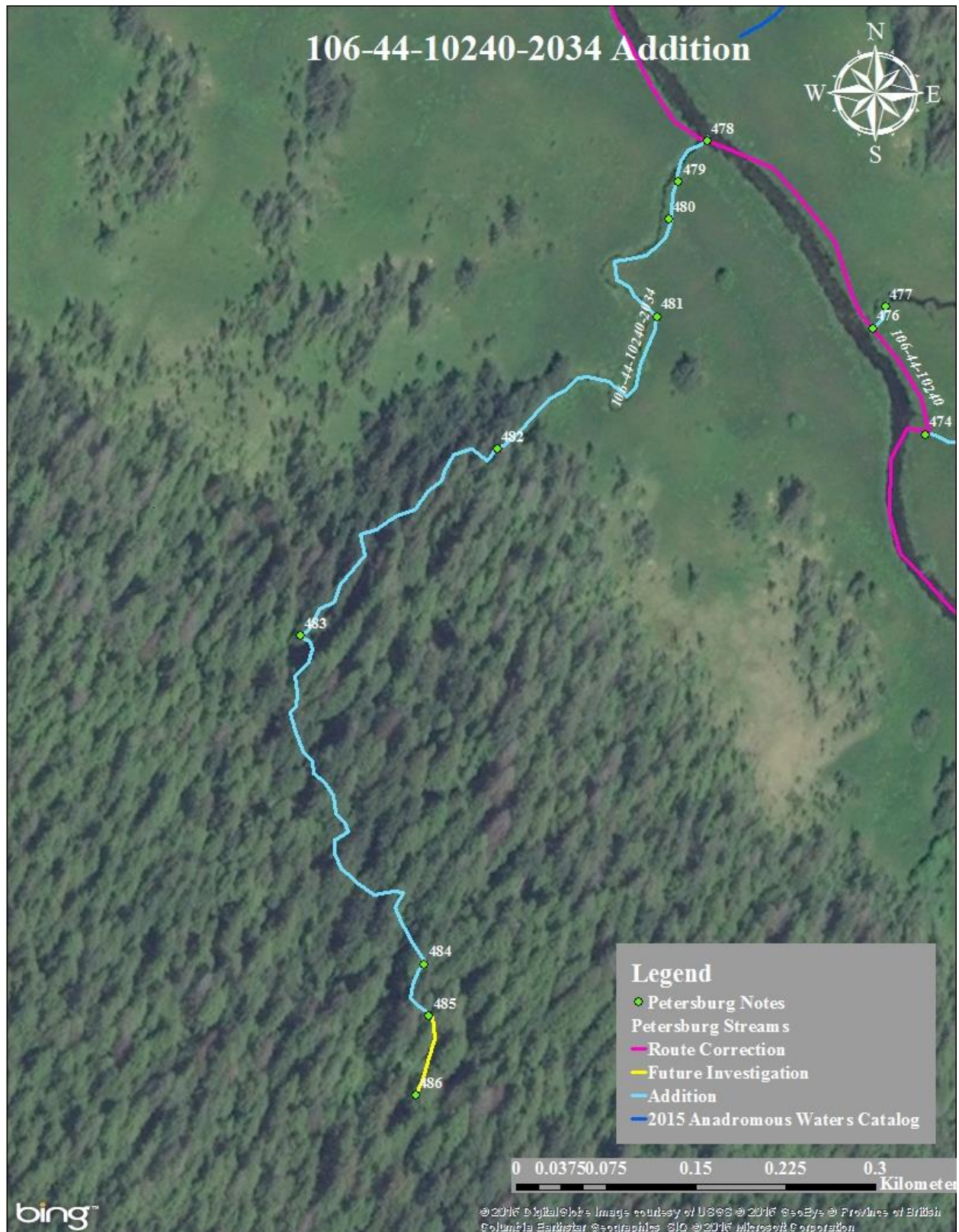


Figure 1.—106-44-10240-2034 addition map.

Petersburg

106-44-10240-2041

ADDITION

Water body name:

Survey date: 6/5/2013

Water body number: 106-44-10240-2041

Species & Lifestage: COpr

Watershed: Petersburg Creek-Frontal Wrangell Narrows

MTR: C061S081E **Quad:** Petersburg C-3

Findings: We surveyed this tributary to Blind River using a backpack electrofisher and GPS (Table 1). We captured four juvenile coho in a small pool below a small earth dam (Figure 1).

Recommendations: Add stream to AWC (Figure 2).

Nomination: 13-572

Table 1.–106-44-10240-2041 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---------------------------------|---------------|----------------|
| 474 | 56.5985 | -132.7750 | Tributary entering river right. | | |
| 475 | 56.5985 | -132.7746 | Earth dam barrier. | EF | 4 CO |



Figure 1.–Earth dam above pool where we captured coho.

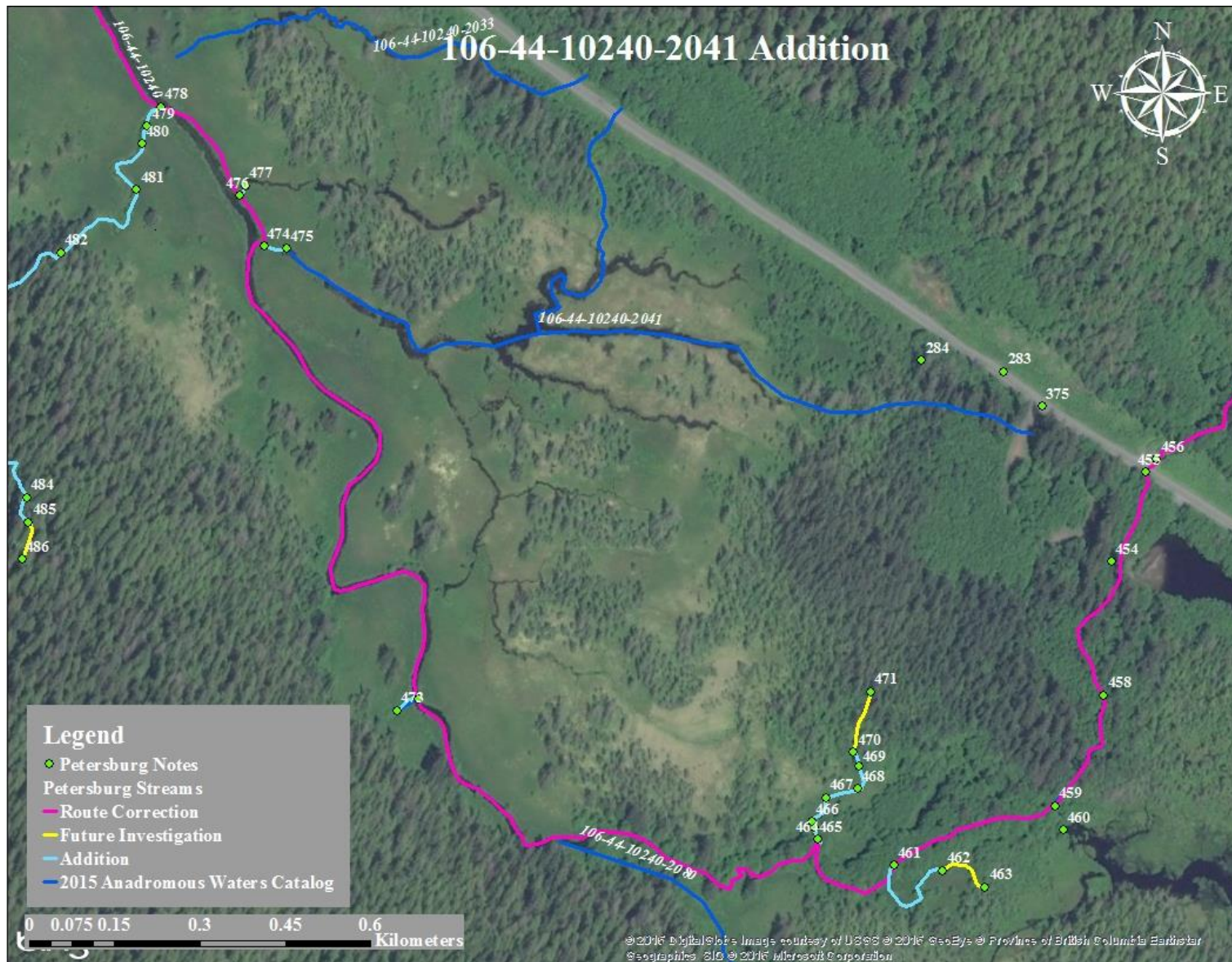


Figure 2.—106-44-10240-2041 addition map.

Petersburg

106-44-10240-2050**ADDITION****Water body name:****Survey date:** 6/5/2013**Water body number:** 106-44-10240-2050**Species & Lifestage:** CO**Watershed:** Petersburg Creek-Frontal Wrangell Narrows**MTR:** C061S081E **Quad:** Petersburg C-3

Findings: We surveyed this tributary to Blind River using a handnet and a GPS (Table 1). We handnetted five rearing coho salmon in a small headwater pool. The water originates from a seep in the ground.

Recommendations: Add stream to AWC (Figure 1).

Nomination: 13-571

Table 1.—106-44-10240-2050 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|--|---------------|----------------|
| 472 | 56.5946 | -132.7726 | Tributary entering river left. | | |
| 473 | 56.5945 | -132.7729 | The water is coming out of side of bank, not much water but enough for CO. | HN | 5 CO |



Figure 1.—106-44-10240-2050 addition map.

Petersburg

106-44-10240-2085

ADDITION

Water body name:

Survey date: 6/5/2013

Water body number: 106-44-10240-2085

Species & Lifestage: CO

Watershed: Petersburg Creek-Frontal Wrangell Narrows

MTR: C061S081E **Quad:** Petersburg C-3

Findings: We surveyed this tributary to the Blind River using a backpack electrofisher and a GPS (Table 1). The top of the tributary spreads out and runs through a skunk cabbage wetland area (Figure 1).

Recommendations: Add stream to the AWC (Figure 2).

Nomination: 13-570

Table 1.—106-44-10240-2085 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|--|---------------|----------------|
| 464 | 56.5933 | -132.7662 | Tributary entering river right. | | |
| 465 | 56.5934 | -132.7663 | 4 CO between 35-45mm. | EF | 4 CO |
| 466 | 56.5935 | -132.7663 | | EF | 2 CO |
| 467 | 56.5937 | -132.7661 | | EF | 2 CO |
| 468 | 56.5938 | -132.7656 | | EF | 1 CO |
| 469 | 56.5940 | -132.7656 | | EF | 1 CO |
| 470 | 56.5941 | -132.7657 | | EF | 3 CO |
| 471 | 56.5946 | -132.7654 | Calling the top. The water loses its channel and becomes spread out and running through skunk cabbage. | EF | No Fish |



Figure 1.—Top of channelized stream area on 106-44-10240-2085.

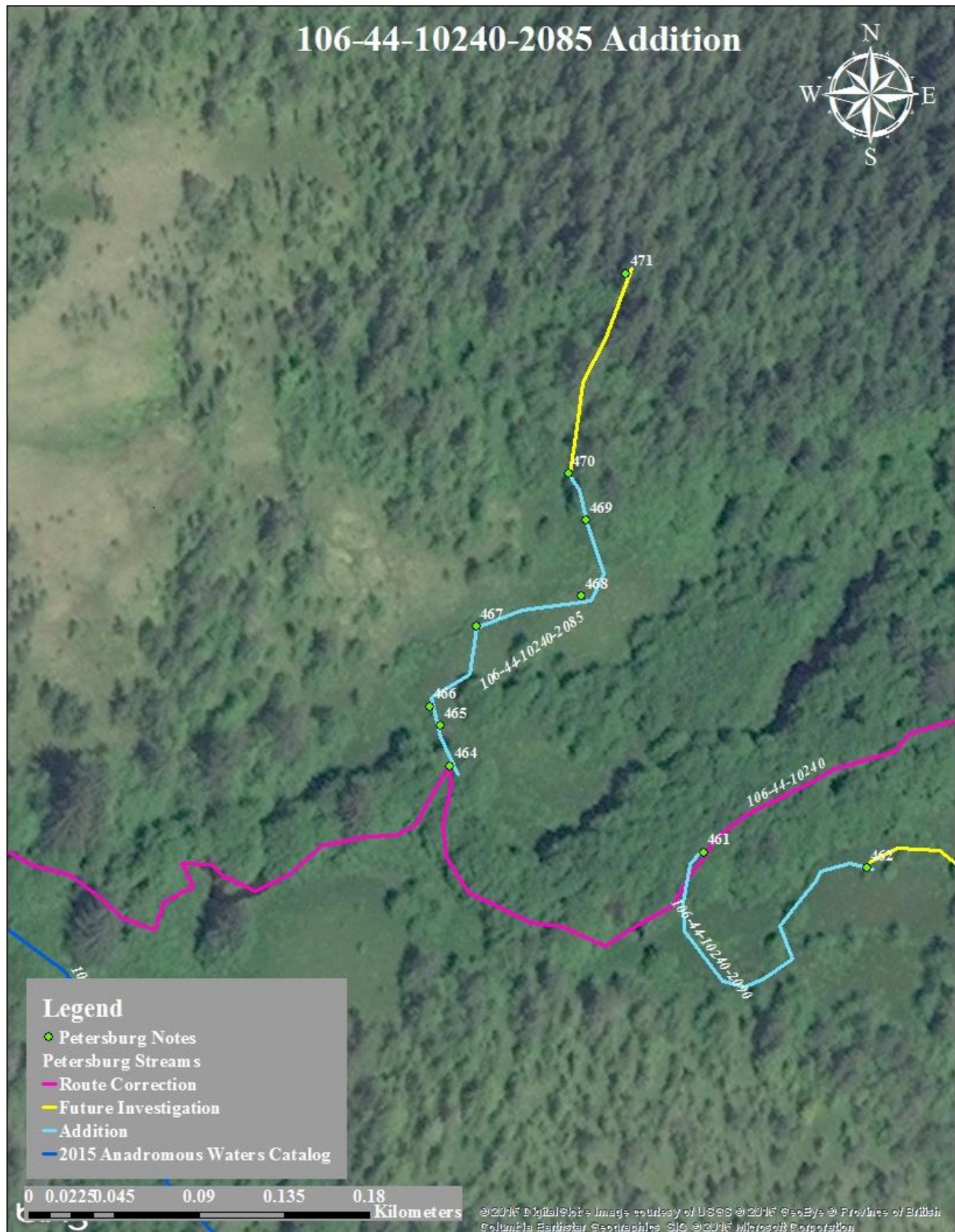


Figure 2.—106-44-10240-2085 addition map.

Petersburg

106-44-10240-2090**ADDITION****Water body name:****Survey date:** 6/5/2013**Water body number:** 106-44-10240-2090**Species & Lifestage:** CO**Watershed:** Petersburg Creek-Frontal Wrangell Narrows**MTR:** C061S081E **Quad:** Petersburg C-3**Findings:** We surveyed this tributary to the Blind River using a backpack electrofisher and a GPS (Table 1). The upper extent was coming out of a beaver complex.**Recommendations:** Add stream to the AWC (Figure 1).**Nomination:** 13-569

Table 1.–106-44-10240-2090 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 461 | 56.5931 | -132.7650 | Tributary entering river left. | EF | 3 CO |
| 462 | 56.5931 | -132.7643 | 3 CO about 35mm. | | |
| 463 | 56.5929 | -132.7636 | Top of tributary. Just coming out of slough/beaver complex. | | |

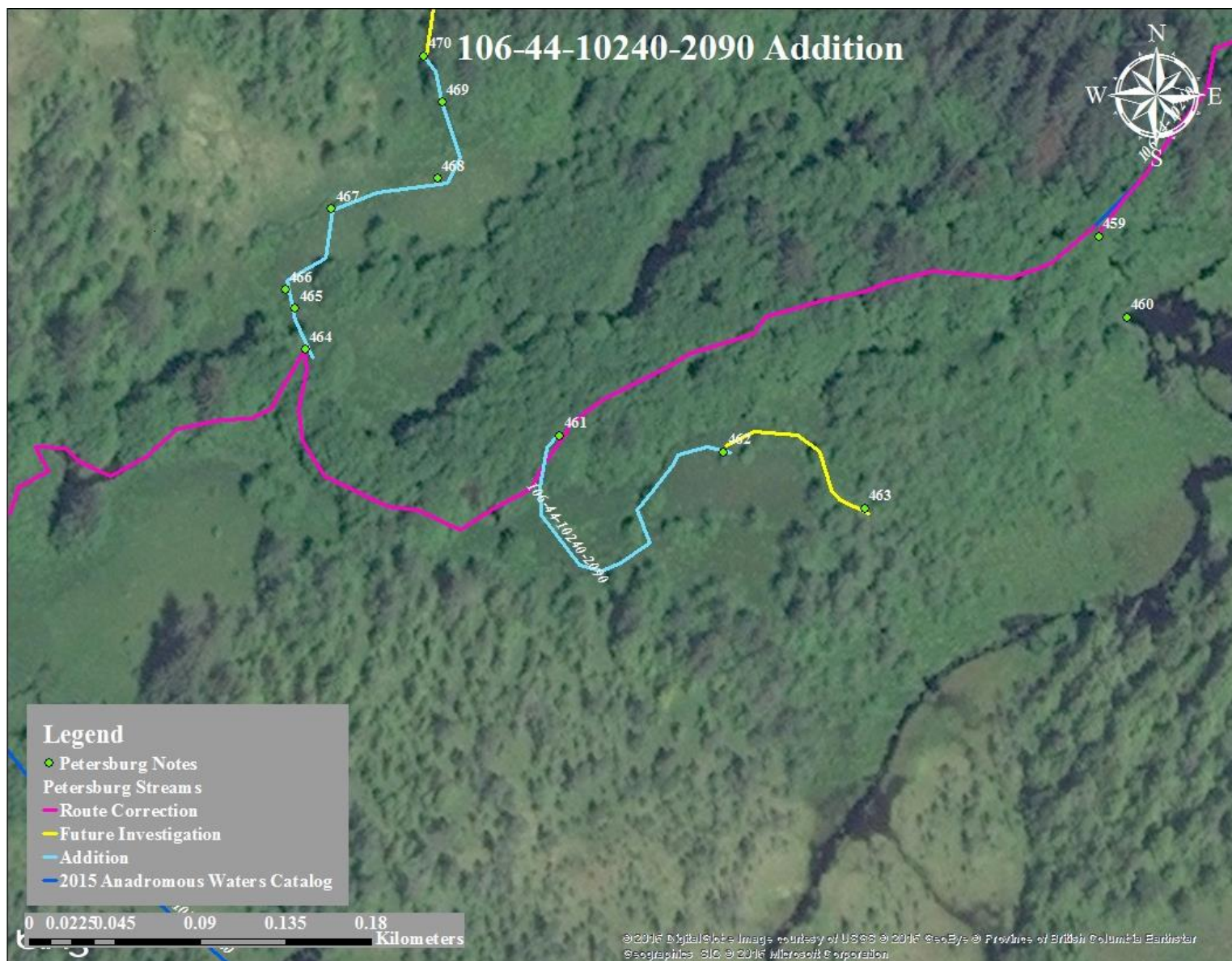


Figure 1.—106-44-10240-2090 addition map.

Petersburg

106-44-10560-2005

ADDITION

Water body name:

Watershed: Petersburg Creek-Frontal Wrangell Narrows

MTR: C059S079E **Quad:** Petersburg D-3

Findings: I surveyed this creek visually with a handheld GPS and camera (Table 1, Figure 1).

Recommendations: Add reach downstream of waypoint 795 for rearing coho salmon (Figure 2).

Nomination: 16-562

Survey date: 6/6/2015

Species & Lifestage: COrp

Table 1.—106-44-10560-2005 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 792 | 56.7853 | -132.9936 | Confluence. | | |
| 795 | 56.7852 | -132.9957 | Top of survey, slight gradient increase, but worth investigating for at least 300 ft of coho rearing habitat. | | |
| 796 | 56.7852 | -132.9952 | Four rearing CO photographed. | VI | 4 COr |



Figure 1.—Juvenile coho.



Figure 2.—106-44-10560-2005 (tributary) addition map.

108-30-10200**CORRECTION****Water body name:****Survey date:** 7/15/2013**Water body number:** 108-30-10200**Species & Lifestage:** CHp, COp, Pp, DVp**Watershed:** Ohmer Creek-Frontal Sumner Strait**MTR:** C062S080E **Quad:** Petersburg C-3

Findings: We surveyed stream number 108-30-10200 using a backpack electrofisher and a GPS, and caught coho salmon (Table 1). The stream flows from Sumner Mountain and is crossed by Woodpecker Cove Road before entering into Sumner Strait. The stream has a pool at the base of a bedrock chute (Figure 1). We ended the survey a ways up chute, the chute would be a barrier at high and low flows (Figure 2).

Recommendations: Correct the current route in the AWC (Figure 3).

Nomination: 14-549

Table 1.–108-30-10200 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 99 | 56.5103 | -132.8773 | Intertidal zone with ocean. | | |
| 98 | 56.5128 | -132.8790 | Bridge. | | |
| 85 | 56.5129 | -132.8793 | Tributary entering river right. Too steep to sample. | | |
| 86 | 56.5148 | -132.8806 | Tributary entering river left. | | |
| 87 | 56.5152 | -132.8810 | Ended up being side channel. Visual on school of CO and captured 2 CO. | EF | 2 CO |
| 88 | 56.5173 | -132.8837 | Tributary entering river left. | | |
| 95 | 56.5194 | -132.8880 | Tributary entering river right. Too steep to sample. | | |
| 96 | 56.5204 | -132.8892 | Steep chute with huge deep pool at base. Might not be barrier, but maybe at high flows. | | |
| 97 | 56.5211 | -132.8919 | Narrow chute with very high velocity water. Calling it here. We can't get around the chute. At high flows definitely barrier. | | |

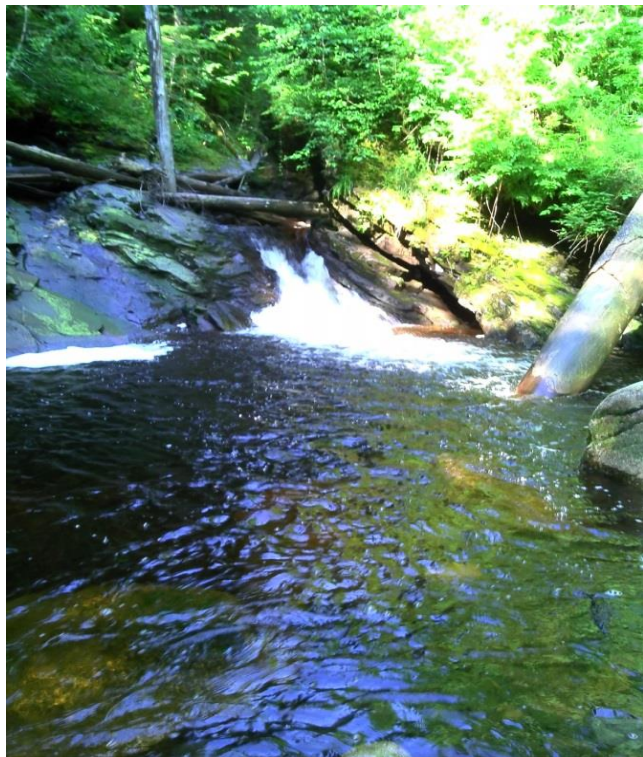


Figure 1.—Pool at base of chute.

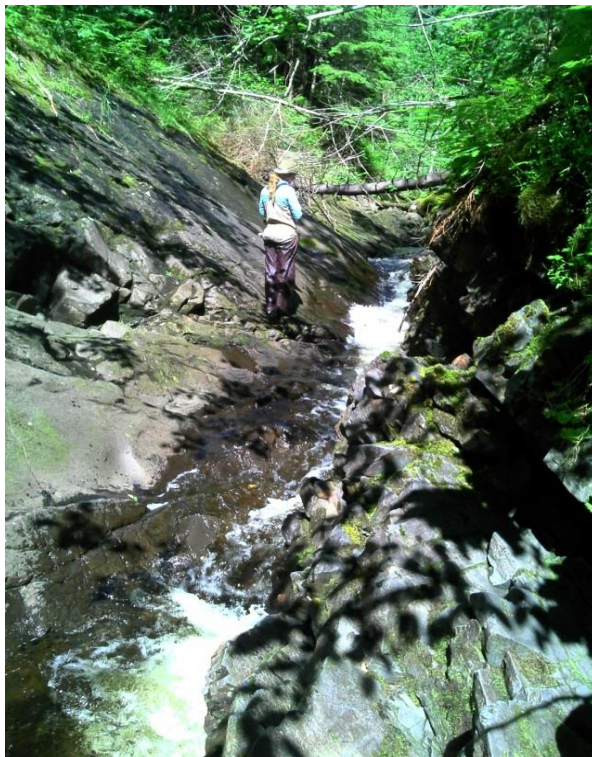


Figure 2.—Tess Quinn looking up the chute.

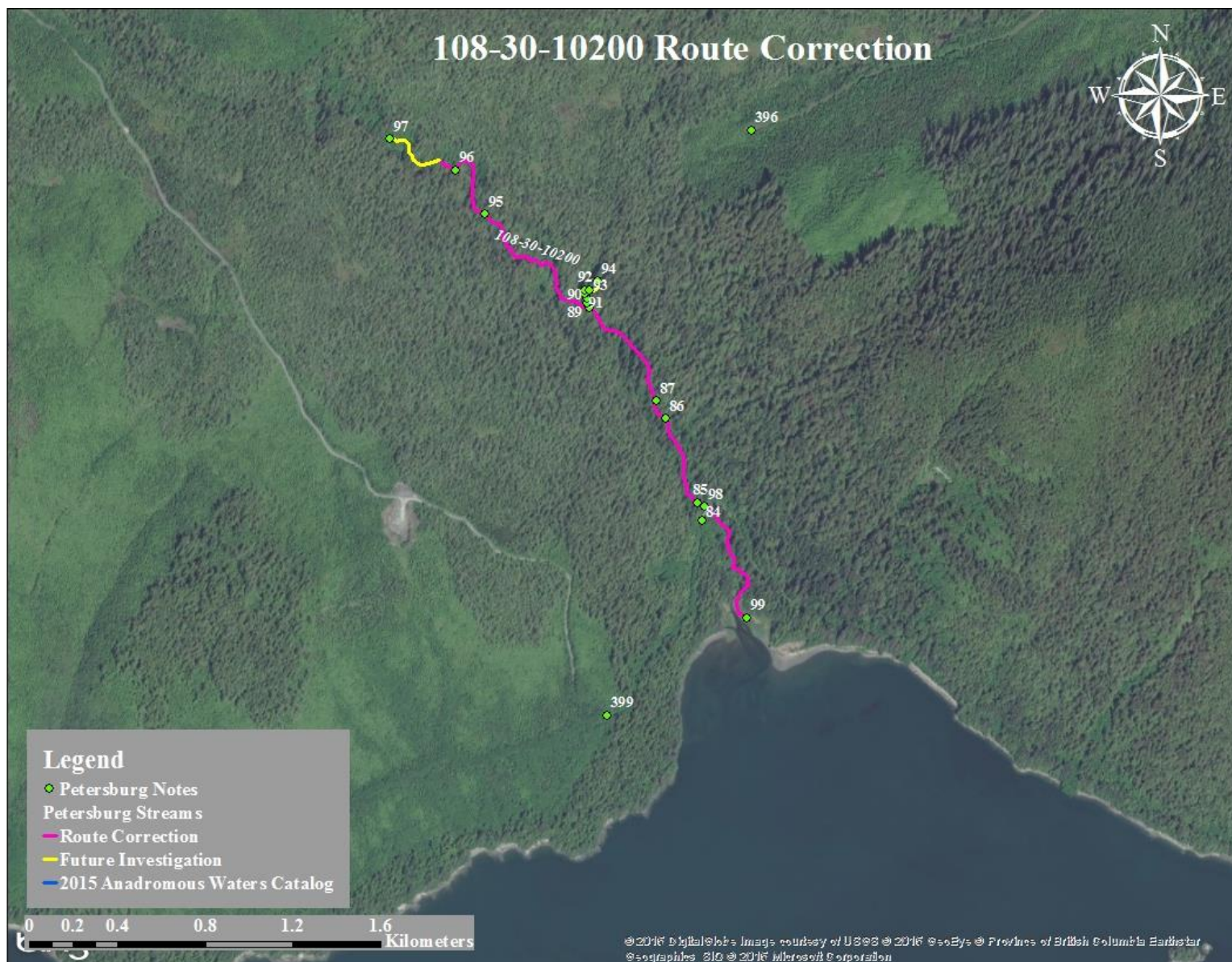


Figure 3.—108-30-10200 route correction map.

Petersburg

Petersburg

108-30-10200-2300

ADDITION

Water body name:

Water body number: 108-30-10200-2300

Watershed: Ohmer Creek-Frontal Sumner Strait

MTR: C062S080E **Quad:** Petersburg C-3

Findings: We surveyed this tributary to stream 108-30-10200 and caught coho salmon and Dolly Varden char using a backpack electrofisher and a GPS (Table 1). We ended the survey at the base of 50' waterfall (Figures 1, 2).

Recommendations: Add stream to the AWC (Figure 3).

Nomination: 14-550

Survey date: 7/15/2013

Species & Lifestage: COr, DVp, CTp

Table 1.—108-30-10200-2300 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|--------------------------------|---------------|----------------|
| 88 | 56.5173 | -132.8837 | Tributary entering river left. | | |
| 89 | 56.5174 | -132.8838 | 1 CO young of the year. | EF | 1 CO |
| 90 | 56.5175 | -132.8838 | Captured 2 CO in a small pool. | EF | 2 CO |
| 91 | 56.5176 | -132.8839 | | EF | 3 CO, 1 DV |
| 92 | 56.5177 | -132.8839 | 3 CO young of the year. | EF | 3 CO |
| 93 | 56.5177 | -132.8837 | | EF | 1 CT |
| 94 | 56.5179 | -132.8834 | 50 ft waterfall. Barrier. | EF | No Fish |



Figure 1.—50ft waterfall.



Figure 2.—Electrofishing at base of 50ft waterfall.



Figure 3.—108-30-10200-2300 addition map.

Petersburg

108-40-10430

CORRECTION

Water body name:

Survey date: 7/18/2013

Water body number: 108-40-10430

Species & Lifestage: COp, DVp

Watershed: Ohmer Creek-Frontal Sumner Strait

MTR: C061S081E **Quad:** Petersburg C-3

Findings: We surveyed stream 108-40-10430 and caught coho salmon and Dolly Varden char using a backpack electrofisher (Table 1). 108-40-10430 is crossed by Woodpecker Cove road and from there continues to Blind Slough. We ended the survey at a 20' waterfall just below the Woodpecker Cove Bridge (Figure 1).

Recommendations: Correct the current route in the AWC (Figure 2).

Nomination: 14-551

Table 1.—108-40-10430 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|--|---------------|----------------|
| 163 | 56.5381 | -132.7564 | Intertidal zone with creek and ocean. | | |
| 162 | 56.5371 | -132.7583 | Tributary entering river right. | | |
| 164 | 56.5360 | -132.7575 | Tributary entering on river right. | EF | No Fish |
| 165 | 56.5358 | -132.7577 | | EF | 1 CO |
| 166 | 56.5358 | -132.7578 | Just a side channel. Back to mainstem. | | |
| 167 | 56.5357 | -132.7579 | | EF | 1 CO |
| 168 | 56.5320 | -132.7600 | Tributary entering river right. | | |
| 171 | 56.5281 | -132.7603 | Two tributaries entering river right. | | |
| 175 | 56.5281 | -132.7604 | Mouth of 2nd tributary. | | |
| 179 | 56.5272 | -132.7618 | Base of small bedrock cascade. Might be a velocity barrier at high flow. | EF | 1 DV |
| 180 | 56.5268 | -132.7626 | ~ 20 ft waterfall barrier. | | |
| 181 | 56.5262 | -132.7634 | Outlet of culvert under Woodpecker Cove Road. | | |



Figure 1.-20' waterfall.

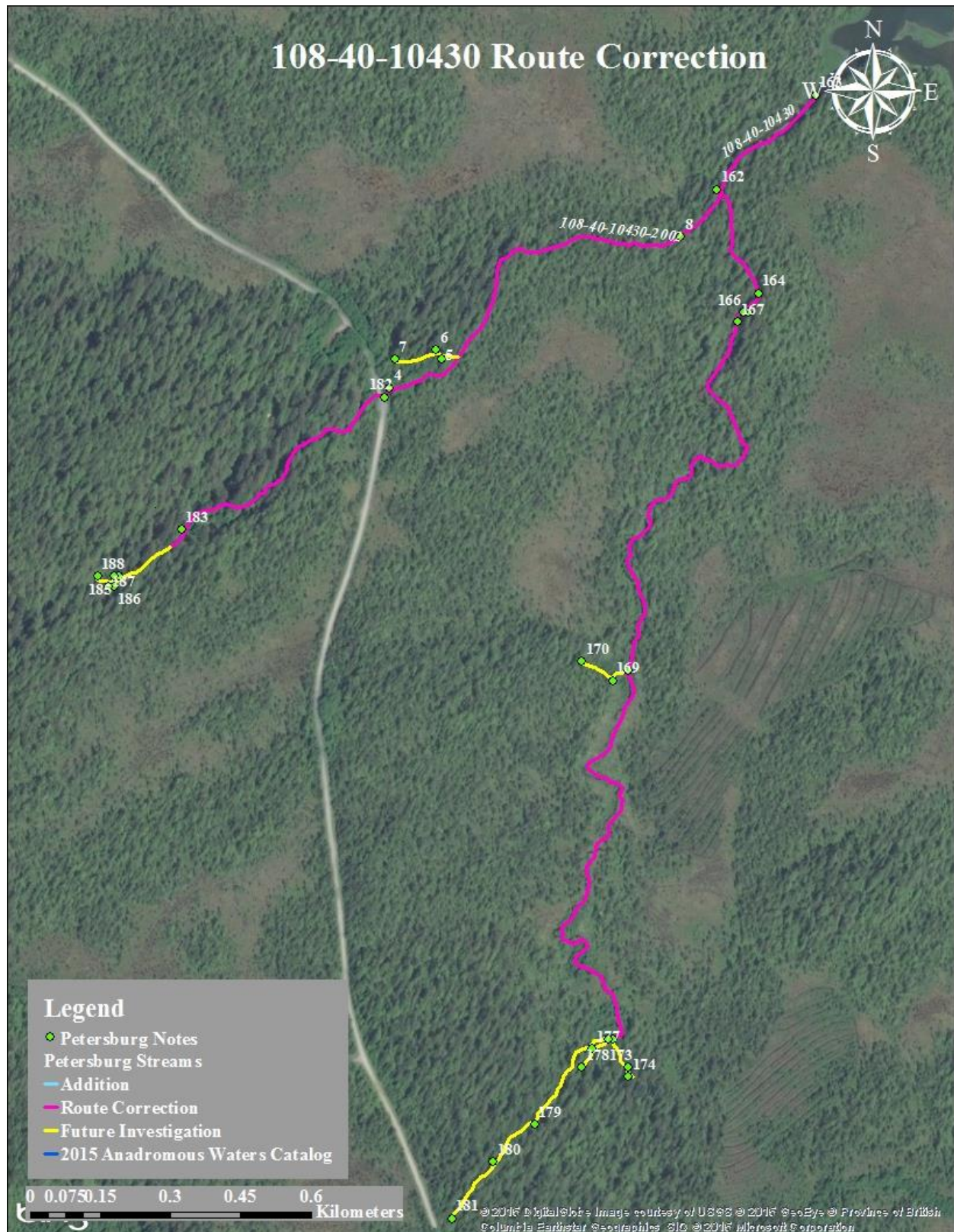


Figure 2.—108-40-10430 route correction map.

Petersburg

Petersburg

108-40-10430-2041**ADDITION****Water body name:****Survey date:** 7/18/2013**Water body number:** 108-40-10430-2041**Species & Lifestage:** Cor, DVp, DTp**Watershed:** Ohmer Creek-Frontal Sumner Strait**MTR:** C061S081E **Quad:** Petersburg C-3

Findings: We surveyed this stream using a backpack electrofisher and a GPS. We caught coho salmon, Dolly Varden char, and cutthroat trout (Table 1). This tributary had little flow and was murky. We ended the survey at a pool that was formed by water seeping out of mossy ground.

Recommendations: Add stream to the AWC (Figure 1).

Nomination: 14-552

Table 1.—108-40-10430-2041 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 175 | 56.5281 | -132.7604 | Mouth of 2nd tributary. | | |
| 176 | 56.5281 | -132.7604 | Silty, murky, little flow. Captured 4 young of the year CO. | EF | 4 CO |
| 177 | 56.5280 | -132.7607 | | EF | 1 CT |
| 178 | 56.5278 | -132.7609 | Top of tributary seeping out of moss. | EF | 2 DV, 1 CT |

Figure 1.-108-40-10430-2041 addition map.

108-40-10430-2002**CORRECTION****Water body name:****Survey date:** 7/26/2013**Water body number:** 108-40-10430-2002**Species & Lifestage:** COp, DVp**Watershed:** Ohmer Creek-Frontal Sumner Strait**MTR:** C061S081E **Quad:** Petersburg C-3

Findings: We surveyed stream 108-40-10430-2002 with a backpack electrofisher and a GPS, and caught Dolly Varden char and cutthroat trout (Table 1). This tributary is crossed by Woodpecker Cove Road and as stream goes up mountain it becomes a small stream in wide stream bed (Figures 1, 2). The mouth of the stream connects with Blind Slough. We ended the survey at a cascade waterfall.

Recommendations: Correct the current route in the AWC (Figure 3).

Nomination: 14-553

Table 1.–108-40-10430-2002 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 162 | 56.5371 | -132.7583 | Tributary entering river right. | | |
| 8 | 56.5366 | -132.7590 | Small boulder waterfall ~ 4 ft drop into pool. Probably not a barrier with highwater. | | |
| 5 | 56.5353 | -132.7636 | Small tributary entering river left. | | |
| 4 | 56.5350 | -132.7646 | Bridge over Woodpecker Cove Road. | | |
| 182 | 56.5349 | -132.7647 | Upstream side of creek. | | |
| 183 | 56.5335 | -132.7686 | Stream bed has become large cobbles, flat and likely easily moveable at high flows. At low flows, water trickles through the loose substrate. | | |
| 184 | 56.5330 | -132.7698 | Waterfall tributary on river left. This is above the cataloged portion. We'll shock up mainstem. | | |
| 185 | 56.5330 | -132.7699 | In mainstem. 1 DV about 50mm. | EF | 1 DV |
| 186 | 56.5329 | -132.7699 | In bouldery pool 1 CT about 35mm. | EF | 1 CT |
| 187 | 56.5329 | -132.7700 | In large cobbly pool below 2' cascade falls, 1 DV about 55mm. | EF | 1 DV |
| 188 | 56.5330 | -132.7702 | Rolled a large CT about 150mm in a rapid, unable to capture. Moveable bed load above, calling it. | EF/VI | 1 CT |

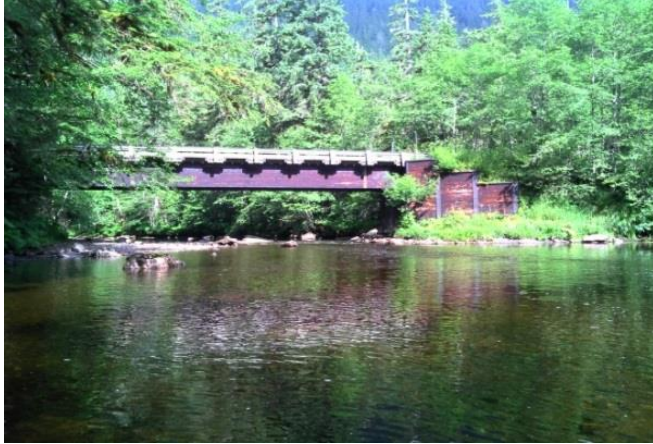


Figure 1.—Bridge over 108-40-10430-2002.



Figure 2.—Stream in wide streambed.

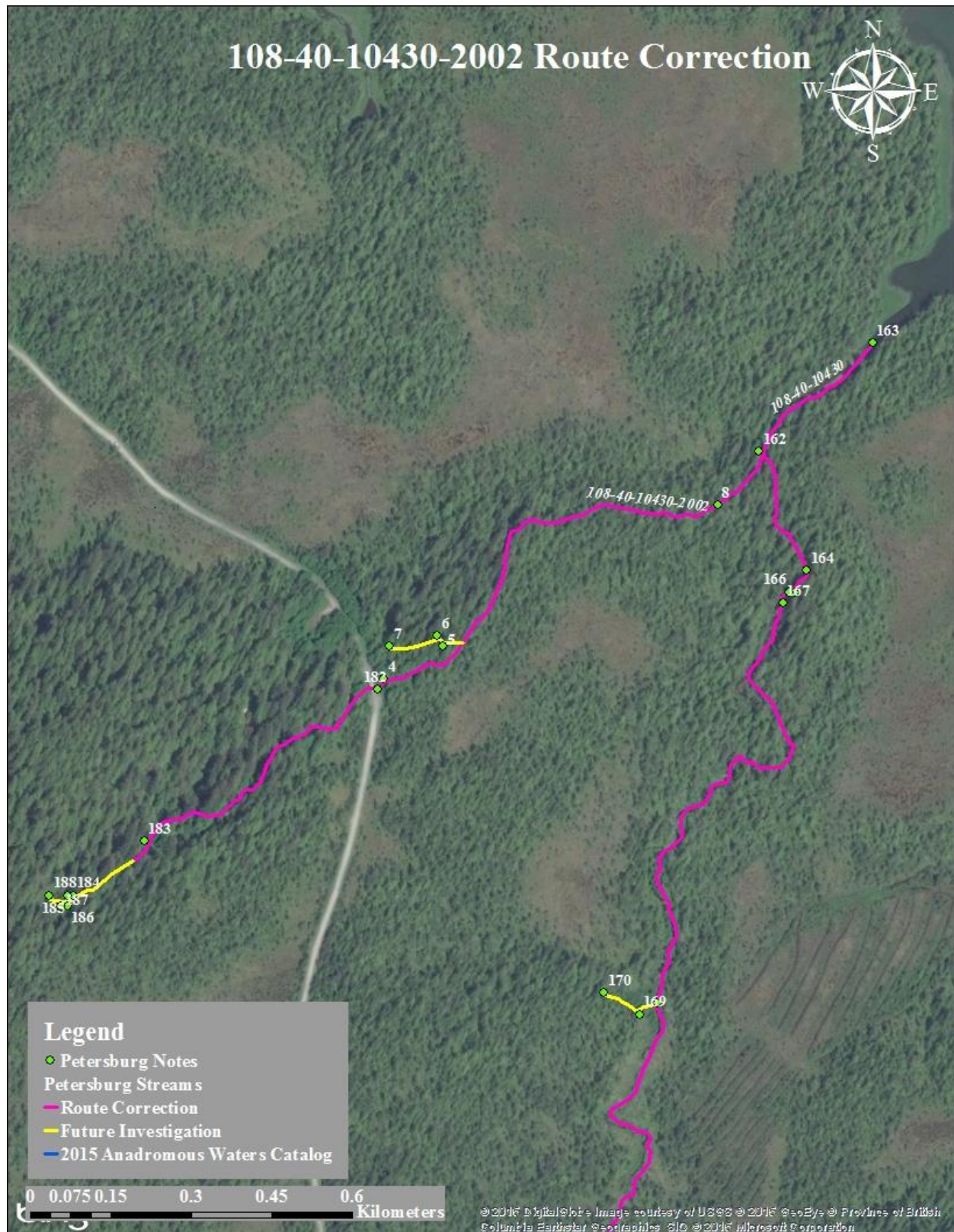


Figure 3.—108-40-10430-2002 route correction map.

Petersburg

Petersburg

108-40-10450-2006**ADDITION****Water body name:****Survey date:** 7/26/2013**Water body number:** 108-40-10450-2006**Species & Lifestage:** CO**Watershed:** Ohmer Creek-Frontal Sumner Strait**MTR:** C061S081E **Quad:** Petersburg C-3

Findings: We surveyed this stream using a backpack electrofisher and a GPS (Table 1). We captured rearing coho salmon, Dolly Varden char, and cutthroat trout. The stream substrate composition is gravel and sand. The tributary is supplied water from three different streams, but none of them have very much flow to support fish. We ended the survey at headwaters where water seeping out of ground.

Recommendations: Add stream to the AWC (Figure 1).**Nomination:** 14-554

Table 1.–108-40-10450-2006 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 198 | 56.5463 | -132.7860 | Tributary on river left. | | |
| 199 | 56.5464 | -132.7861 | In corner pool beneath mossy log captured 2 CO about 35mm. | EF | 2 CO |
| 200 | 56.5464 | -132.7862 | Overhanging vegetation, undercut bank. | EF | 1 CO |
| 201 | 56.5463 | -132.7864 | Sand, gravel substrate. Captured 1 CO about 35mm and 1 CT about 30mm. | EF | 1 CO, 1 CT |
| 202 | 56.5463 | -132.7864 | Gravels, undercut bank. | EF | 1 CT, 1 DV |
| 203 | 56.5463 | -132.7866 | Sand substrate, undercut bank. 1 CO about 35mm. | EF | 1 CO |
| 204 | 56.5463 | -132.7867 | Broken mossy log in water. 2 CO about 35mm. | EF | 2 CO |
| 205 | 56.5463 | -132.7867 | Chased a school of CO with electrofisher. | EF/VI | CO |
| 206 | 56.5464 | -132.7869 | Stream forks, taking river left fork. | | |
| 207 | 56.5467 | -132.7872 | In deep pool under rootwad. 1 CO about 50mm. | EF | 1 CO |
| 208 | 56.5467 | -132.7872 | 1 CT about 130mm. | EF | 1 CT |
| 209 | 56.5468 | -132.7873 | In cobbly pool near skunk cabbage forest. 1 CO about 35mm. | EF | 1 CO |
| 210 | 56.5468 | -132.7873 | 3-way split. Taking river left fork. 1 CO about 35mm. | EF | 1 CO |
| 211 | 56.5469 | -132.7874 | Stream enters awful slash area. | | |

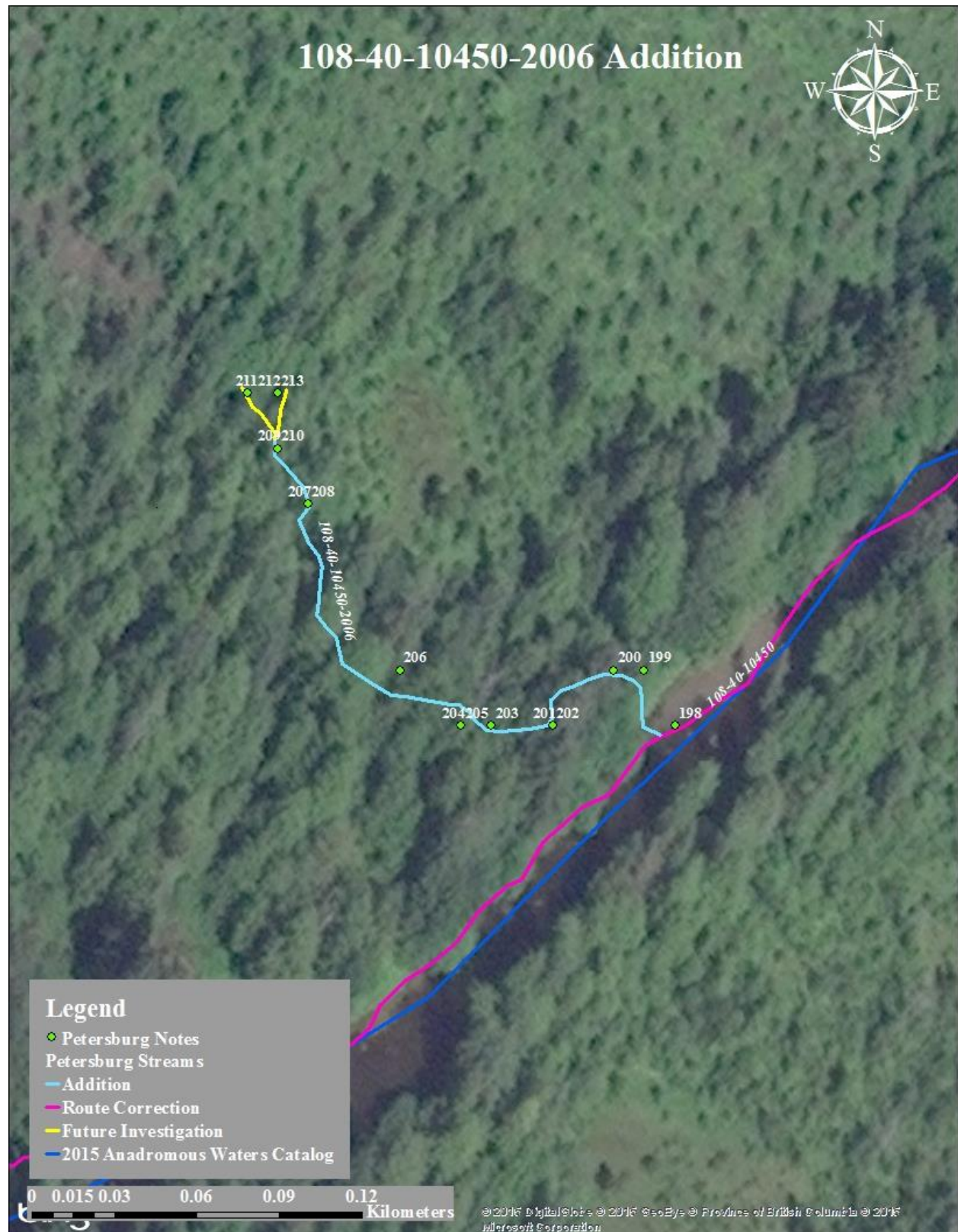


Figure 1.—108-40-10450-2006 addition map.

Petersburg

108-40-10450-2009**CORRECTION****Water body name:****Survey date:** 7/26/2013**Water body number:** 108-40-10450-2009**Species & Lifestage:** CHp, COp, Pp, DVs, SHp**Watershed:** Ohmer Creek-Frontal Sumner Strait**MTR:** C061S081E **Quad:** Petersburg C-3

Findings: We surveyed this stream with a GPS to correct the current course that is in the Anadromous Water Catalog (Table 1). We did not reach the upper extent of the cataloged stream, but for the part we did survey we found that track differs from what is in the catalog.

Recommendations: Correct the current route in the AWC (Figure 1).

Nomination: 14-555

Table 1.—108-40-10450-2009 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 216 | 56.5448 | -132.8008 | Big tributary on river right. | | |
| 217 | 56.5442 | -132.8009 | Tributary on river left. (This mainstem is cataloged) | | |
| 218 | 56.5437 | -132.8010 | Tributary is a side channel. | | |
| 221 | 56.5414 | -132.8055 | End of survey. | | |

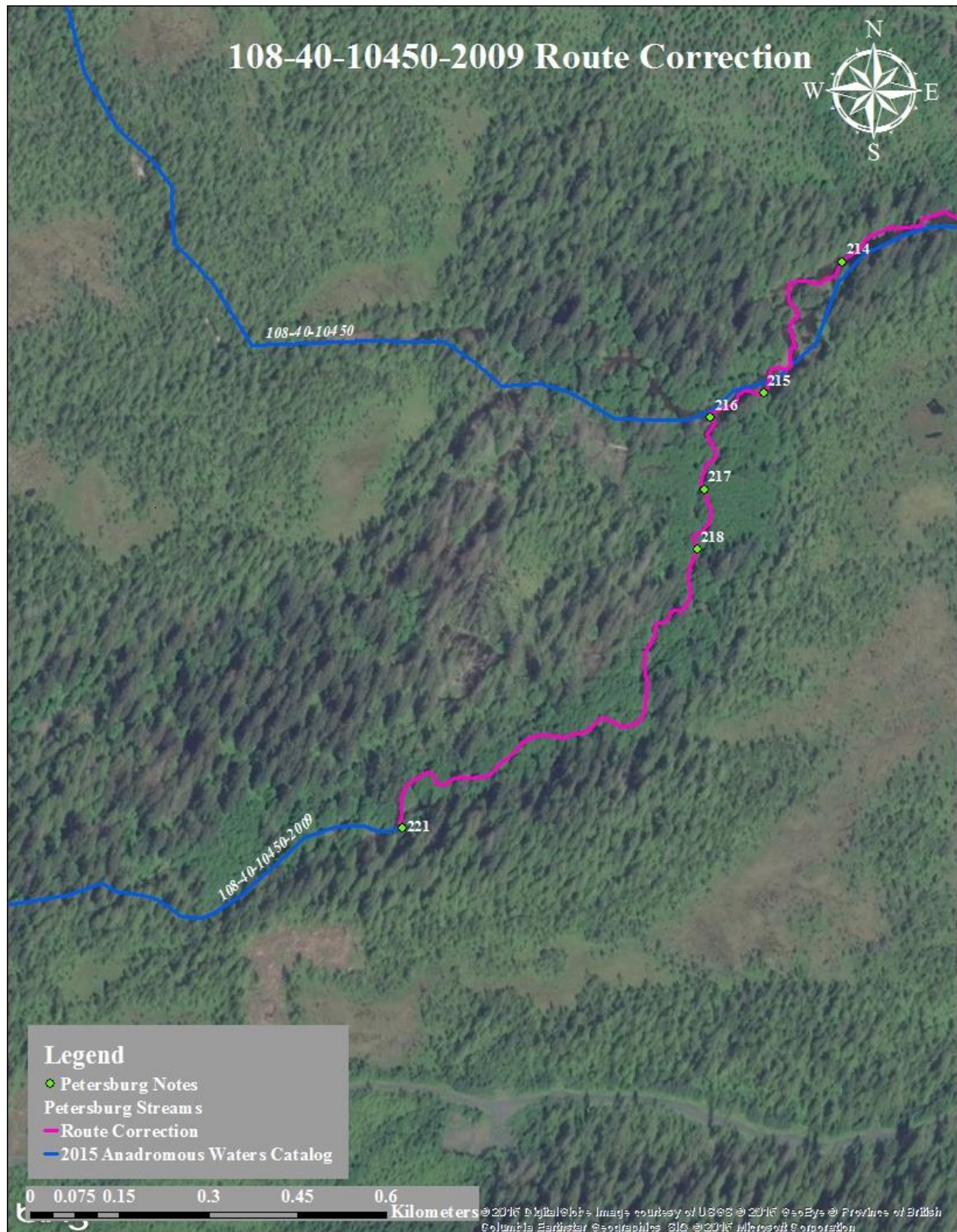


Figure 1.–108-40-10450-2009 route correction map.

Petersburg

108-40-10500-2018**ADDITION****Water body name:** Strange Creek**Survey date:** 6/17/2013**Water body number:** 108-40-10500-2018**Species & Lifestage:** CO**Watershed:** Ohmer Creek-Frontal Sumner Strait**MTR:** C061S081E **Quad:** Petersburg C-3**Findings:** We surveyed this stream using a backpack electrofisher and a GPS (Table 1). We captured rearing coho salmon and Dolly Varden char. Excellent habitat for rearing coho salmon.**Recommendations:** Add this stream to the AWC (Figure 1).**Nomination:** 13-552

Table 1.—108-40-10500-2018 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 908 | 56.5584 | -132.7310 | Stream meets up with another stream here in tidal influence area. | | |
| 909 | 56.5583 | -132.7310 | Tributary entering on river right. | | |
| 910 | 56.5582 | -132.7310 | | EF | 1 CO |
| 911 | 56.5581 | -132.7307 | | EF | 1 DV, 2 CO |
| 912 | 56.5581 | -132.7304 | Top of tributary coming out of slight perch with big rocks at base. | | |
| 913 | 56.5569 | -132.7305 | | EF | 2 CO |
| 914 | 56.5567 | -132.7302 | Too deep to be effective. Outlet of culvert. | EF | No Fish |
| 915 | 56.5564 | -132.7296 | Inlet of culvert. Has a beaver barrier over front. | | |
| 916 | 56.5563 | -132.7295 | | EF | 1 DV |
| 917 | 56.5563 | -132.7294 | Tributary entering river right. | EF | 1 CO |
| 918 | 56.5563 | -132.7292 | | EF | 2 CO |
| 919 | 56.5560 | -132.7288 | Top of tributary. Flowing out of ground into pool from meadow. | EF | 1 DV |
| 920 | 56.5552 | -132.7287 | Only fish we have EF since WPT 916. | EF | 1 CO |
| 921 | 56.5551 | -132.7286 | | EF | 1 CO |
| 922 | 56.5545 | -132.7277 | | EF | 1 DV |
| 923 | 56.5543 | -132.7272 | | EF | 1 CT |
| 924 | 56.5543 | -132.7270 | Caught in pool. | EF | 2 CO, 1 DV |
| 925 | 56.5523 | -132.7260 | We EF since WPT 924 and caught no fish. We have not come to a barrier but we are going to stop because we caught no fish. Small, deep, incised. | EF | No Fish |

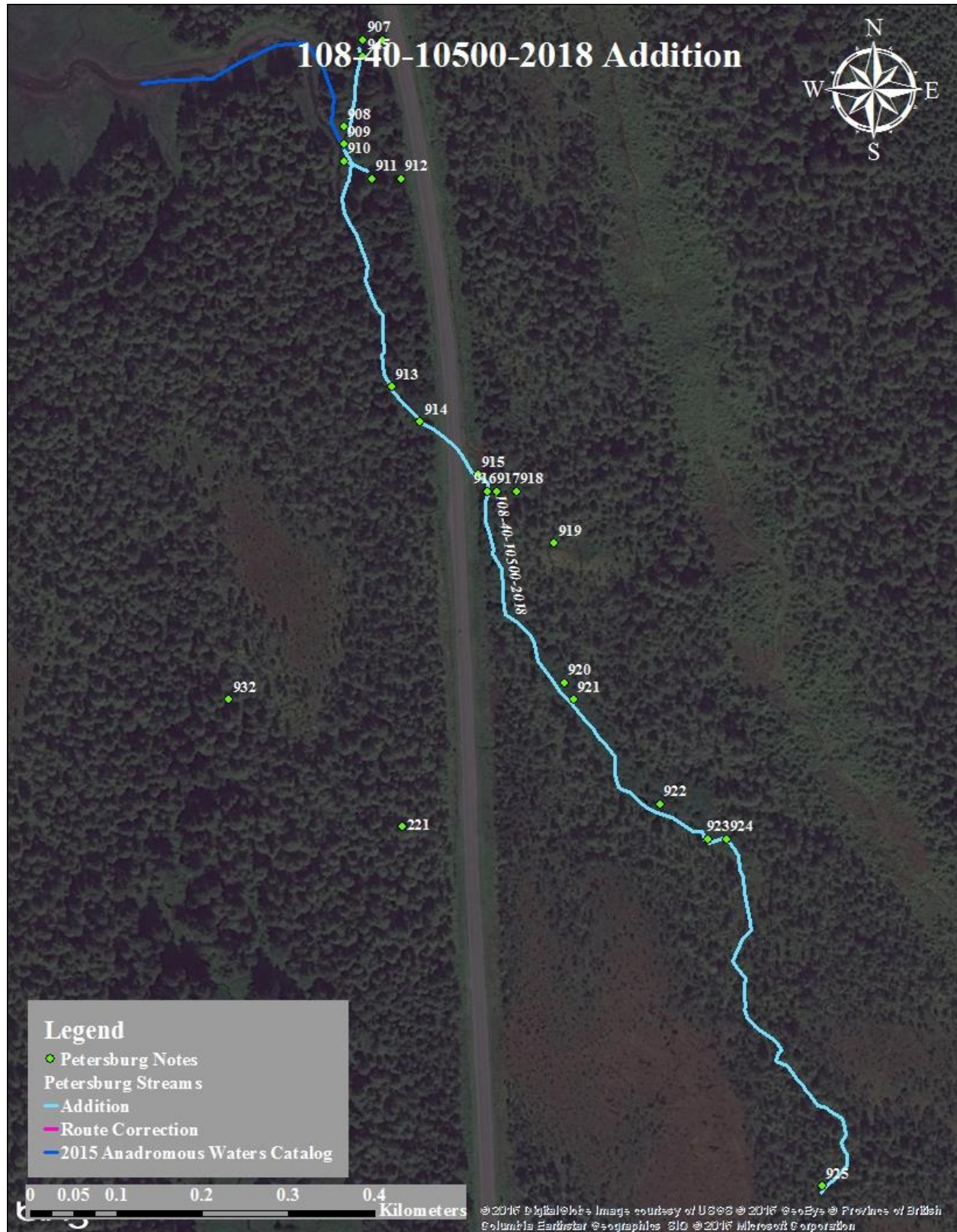


Figure 1.—108-40-10500-2018 addition map.

Petersburg

108-40-10500-2018-3007**ADDITION****Water body name:****Survey date:** 6/30/2013**Water body number:** 108-40-10500-2018-3007**Species & Lifestage:** CO**Watershed:** Ohmer Creek-Frontal Sumner Strait**MTR:** C061S081E **Quad:** Petersburg C-3

Findings: We surveyed this tributary to Blind Slough using a backpack electrofisher and a GPS (Table 1). We captured juvenile coho salmon and Dolly Varden char. This stream parallels the Mitkof Highway and ends in the roadside ditch.

Recommendations: Add stream to the AWC (Figure 1).

Nomination: 14-574

Table 1.—108-40-10500-2018-3007 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 909 | 56.5583 | -132.7310 | Tributary entering on river right. | | |
| 908 | 56.5584 | -132.7310 | Stream meets up with another stream here in tidal influence area. | | |
| 945 | 56.5588 | -132.7308 | | EF | 1 CO |
| 907 | 56.5589 | -132.7308 | | EF | 1 DV, 2 CO |
| 944 | 56.5595 | -132.7310 | | EF | 1 DV |
| 943 | 56.5597 | -132.7309 | | EF | 1 DV |
| 942 | 56.5598 | -132.7309 | Outlet of culvert. Tributary entering river left. | EF | No Fish |
| 937 | 56.5603 | -132.7313 | End of creek. It is a tributary on river left of another creek. | | |
| 938 | 56.5603 | -132.7313 | | EF | 1 DV |
| 939 | 56.5605 | -132.7313 | Outlet of culvert under Mitkof Highway. | | |
| 940 | 56.5607 | -132.7311 | Inlet of culvert. Pool at base of culvert with DV. | EF | 3 DV |
| 941 | 56.5607 | -132.7311 | End of watered section along road. | | |

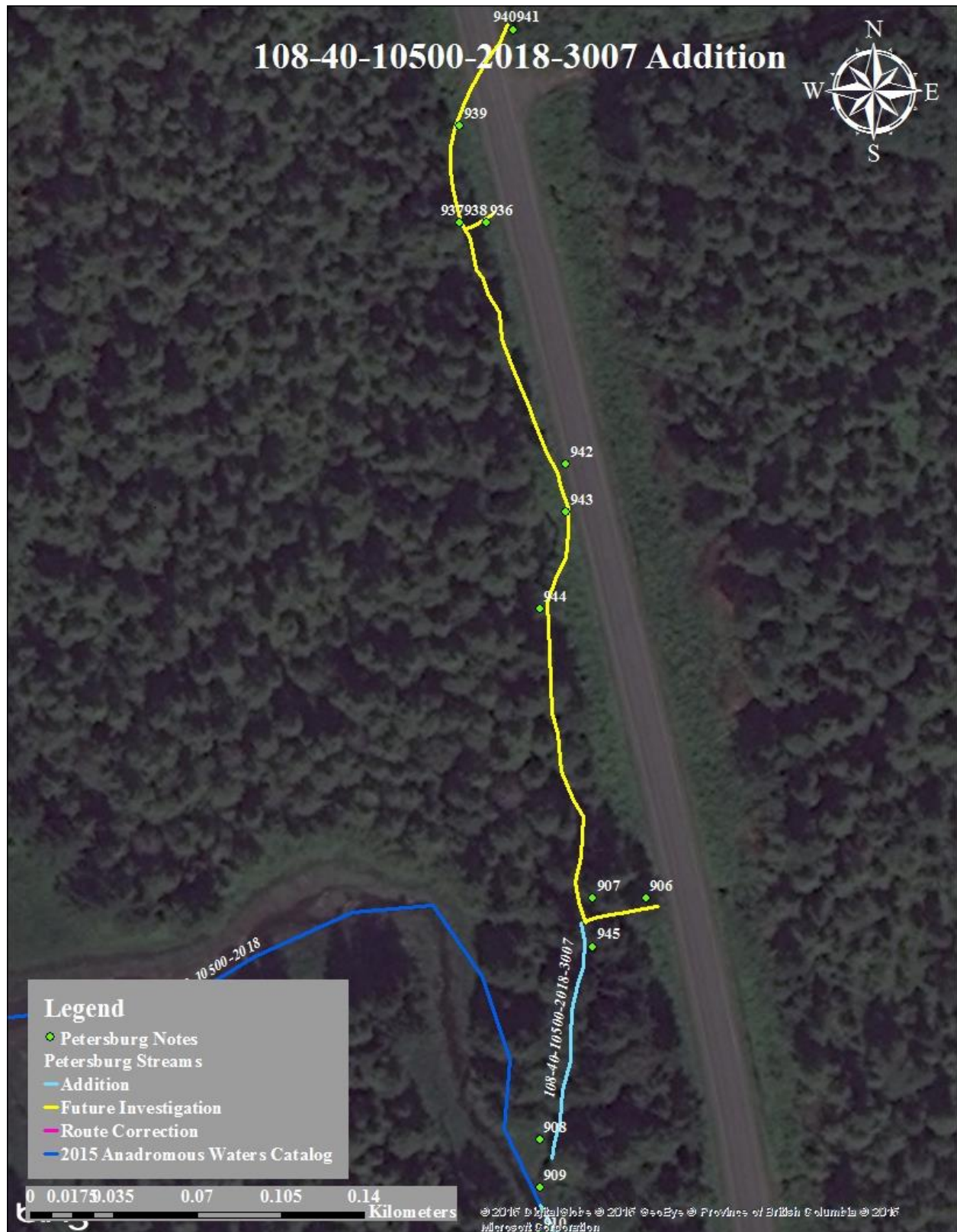


Figure 1.—108-40-10500-2018-3007 addition map.

Petersburg

108-40-10500-2028**ADDITION****Water body name:****Survey date:** 6/4/2013**Water body number:** 108-40-10500-2028**Species & Lifestage:** CO**Watershed:** Ohmer Creek-Frontal Sumner Strait**MTR:** C061S081E **Quad:** Petersburg C-3**Findings:** We surveyed this stream and caught coho salmon to the upper limit (Table 1).**Recommendations:** Add stream to the AWC (Figure 1).**Nomination:** 13-551

Table 1.–108-40-10500-2028 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 375 | 56.5628 | -132.7331 | Beginning survey on slough just off road. Captured young of the year CO. | EF | 2 CO |
| 376 | 56.5629 | -132.7330 | Captured 1 CO about 50mm among boulders, cobbles. Narrow stream. | EF | 1 CO |
| 377 | 56.5629 | -132.7329 | At upper limit of short stream. Very little- no spawning, good rearing. Captured 1 CO about 50mm. | EF | 1 CO |

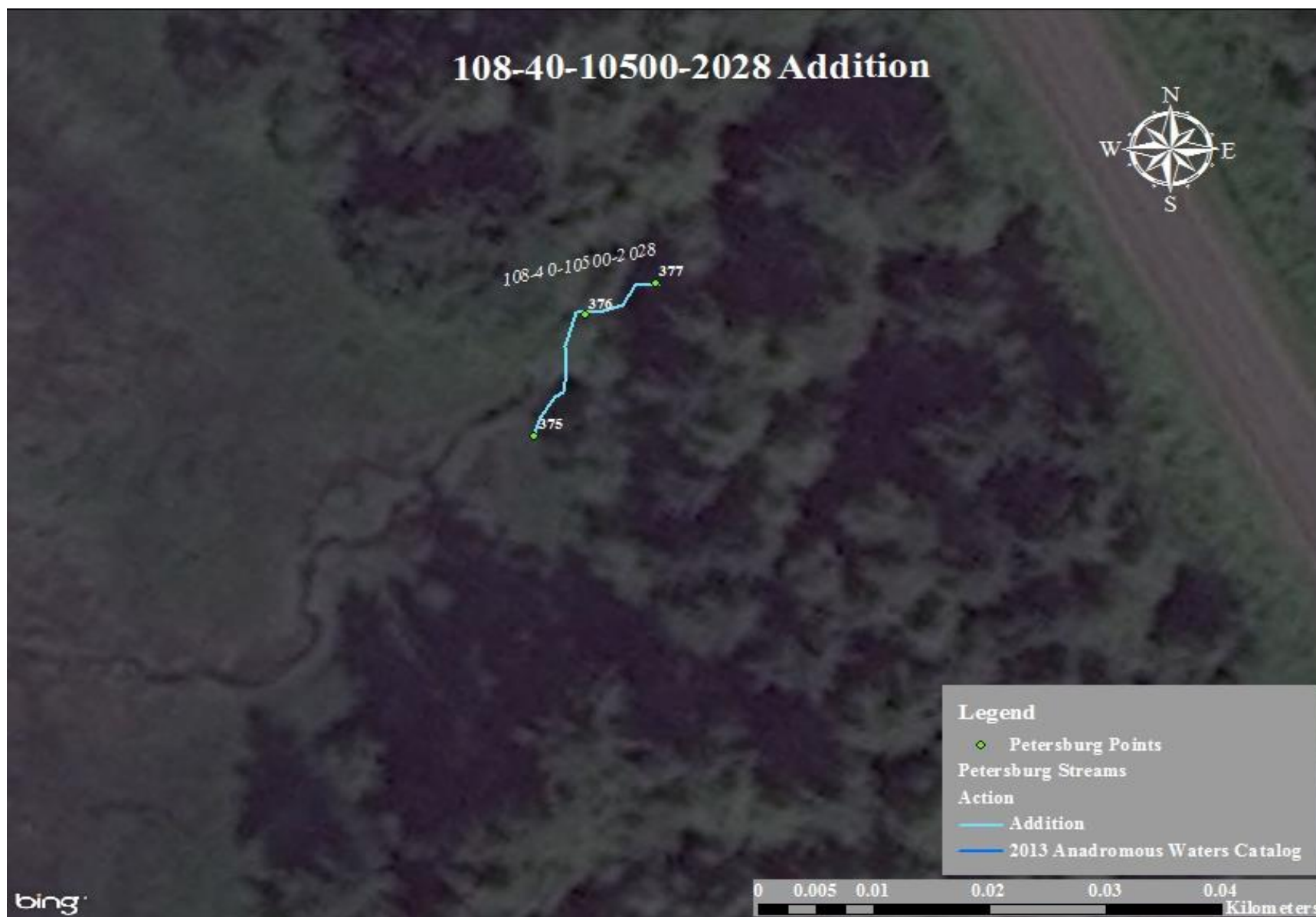


Figure 1.-108-40-10500-2028 addition map.

Petersburg

108-40-10500-2036**ADDITION****Water body name:****Survey date:** 6/4/2013**Water body number:** 108-40-10500-2036**Species & Lifestage:** CO**Watershed:** Ohmer Creek-Frontal Sumner Strait**MTR:** C061S081E **Quad:** Petersburg C-3

Findings: We surveyed this stream using a backpack electrofisher and a GPS. We caught coho salmon up to the treeline (Table 1). The creek goes subsurface several times above the culvert under the Mitkof Highway.

Recommendations: Add stream to the AWC (Figure 1).

Nomination: 13-553

Table 1.—108-40-10500-2036 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 378 | 56.5638 | -132.7337 | Mouth of small tributary into slough. | | |
| 379 | 56.5638 | -132.7336 | Under overhanging bank, gravels. 2 CO about 50mm and saw 4 more. | EF | 2 CO |
| 380 | 56.5638 | -132.7335 | 2 CO about 50mm. | EF | 3 CO |
| 381 | 56.5639 | -132.7329 | | EF | No Fish |
| 382 | 56.5638 | -132.7326 | Inlet of culvert. Not a barrier, decent gravels above. | EF | 1 DV |
| 383 | 56.5639 | -132.7323 | Point above 30' subsurface rooty tangled section. Goes subsurface again right above this point. | | |
| 384 | 56.5640 | -132.7322 | Point above another 20-25' subsurface tangle. No anadromy in upper portion. | EF | No Fish |



Figure 1.—108-40-10500-2036 addition map.

Petersburg

108-40-10500-2046**ADDITION****Water body name:****Survey date:** 6/4/2013**Water body number:** 108-40-10500-2046**Species & Lifestage:** CO**Watershed:** Ohmer Creek-Frontal Sumner Strait**MTR:** C061S081E **Quad:** Petersburg C-3

Findings: We surveyed this tributary to Blind Slough using a backpack electrofisher and a GPS (Table 1). We caught coho salmon up to the treeline. The stream ends upstream of the Mitkof Highway in a rooty cascade with no defined channel.

Recommendations: Add stream to the AWC (Figure 1).

Nomination: 13-554

Table 1.—108-40-10500-2046 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 388 | 56.5648 | -132.7345 | Mouth of tributary. | | |
| 389 | 56.5648 | -132.7339 | 4 CO about 35mm. | EF | 4 CO |
| 390 | 56.5648 | -132.7337 | Nearing treeline, captured 1 CO about 35mm. | EF | 1 CO |
| 391 | 56.5647 | -132.7336 | 1 CO about 35mm. | EF | 1 CO |
| 392 | 56.5647 | -132.7335 | Just below treeline and small 1' cascade over a boulder. 1 CO about 35mm. | EF | 1 CO |
| 393 | 56.5648 | -132.7329 | Outlet of culvert. No fish past treeline so far. | EF | No Fish |
| 394 | 56.5648 | -132.7329 | Inlet of culvert. Stream becomes small, rooty, and increased gradient. | EF | No Fish |
| 395 | 56.5648 | -132.7329 | End of stream, tangled rooty cascade, no defined channel. | | |



Figure 1.—108-40-10500-2046 addition map.

Petersburg

108-40-10500-2056**ADDITION****Water body name:****Survey date:** 6/4/2013**Water body number:** 108-40-10500-2056**Species & Lifestage:** CO**Watershed:** Ohmer Creek-Frontal Sumner Strait**MTR:** C061S081E **Quad:** Petersburg C-3

Findings: We surveyed this tributary to Blind Slough using a backpack electrofisher and a GPS (Table 1). We caught coho salmon up to the treeline. We stopped surveying upstream of the culvert in a tangle of roots.

Recommendations: Add stream to the AWC (Figure 1).

Nomination: 13-555

Table 1.—108-40-10500-2056 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|--|---------------|----------------|
| 402 | 56.5651 | -132.7346 | Mouth of tributary, into slough. | | |
| 401 | 56.5653 | -132.7340 | At treeline, just below clay cascade that is 2' captured 1 DV and 2 CO about 35mm. | EF | 3 DV, 2 CO |
| 400 | 56.5654 | -132.7340 | 5 DV between 50-85mm. | EF | 5 DV |
| 399 | 56.5654 | -132.7338 | 1 DV about 75mm. | EF | 1 DV |
| 398 | 56.5653 | -132.7336 | 2 DV about 75mm. | EF | 2 DV |
| 397 | 56.5654 | -132.7335 | At outlet of pipe into deep pool captured 5 DV between 55-100mm. | EF | 5 DV |
| 396 | 56.5655 | -132.7333 | Inlet of culvert. Upstream is rooty and tangled. Captured 1 DV about 50mm. | EF | 1 DV |



Figure 1.-108-40-10500-2056 addition map.

Petersburg

108-40-10500-2066**ADDITION****Water body name:****Survey date:** 6/4/2013**Water body number:** 108-40-10500-2066**Species & Lifestage:** CO**Watershed:** Ohmer Creek-Frontal Sumner Strait**MTR:** C061S081E **Quad:** Petersburg C-3

Findings: We surveyed this tributary to Blind Slough using a backpack electrofisher and a GPS (Table 1). We caught coho salmon up to the treeline. We stopped surveying upstream of the culvert.

Recommendations: Add stream to the AWC (Figure 1).

Nomination: 13-556

Table 1.—108-40-10500-2066

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 403 | 56.5660 | -132.7344 | Mouth of tributary. Rocky at treeline already. | | |
| 404 | 56.5660 | -132.7343 | At base of round boulder cascade. Multiple CO. | EF | CO |
| 405 | 56.5659 | -132.7341 | Outlet of culvert. Lots of angular cobbles/boulders riprap below. | | |
| 406 | 56.5660 | -132.7337 | Inlet of culvert. Nothing since below treeline. | EF | No Fish |
| 407 | 56.5662 | -132.7337 | Stream becomes a messy seep across the road. No fish. | | |



Figure 1.—108-40-10500-2066 addition map.

Petersburg

108-40-10500-2086**ADDITION****Water body name:****Survey date:** 6/4/2013**Water body number:** 108-40-10500-2086**Species & Lifestage:** CO**Watershed:** Ohmer Creek-Frontal Sumner Strait**MTR:** C061S081E **Quad:** Petersburg C-3**Findings:** We surveyed this tributary to Ohmer Creek using a backpack electrofisher and a GPS (Table 1). We caught coho salmon up to the treeline.**Recommendations:** Add stream to AWC (Figure 1).**Nomination:** 13-558

Table 1.—108-40-10500-2086 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 412 | 56.5669 | -132.7356 | Mouth of tributary into slough. | | |
| 411 | 56.5669 | -132.7353 | Captured 3 CO about 35mm at the treeline. | EF | 3 CO |
| 410 | 56.5671 | -132.7348 | 1 DV about 100mm. | EF | 1 DV |
| 409 | 56.5671 | -132.7347 | Outlet pool of culvert. 1 DV about 85mm. | EF | 1 DV |

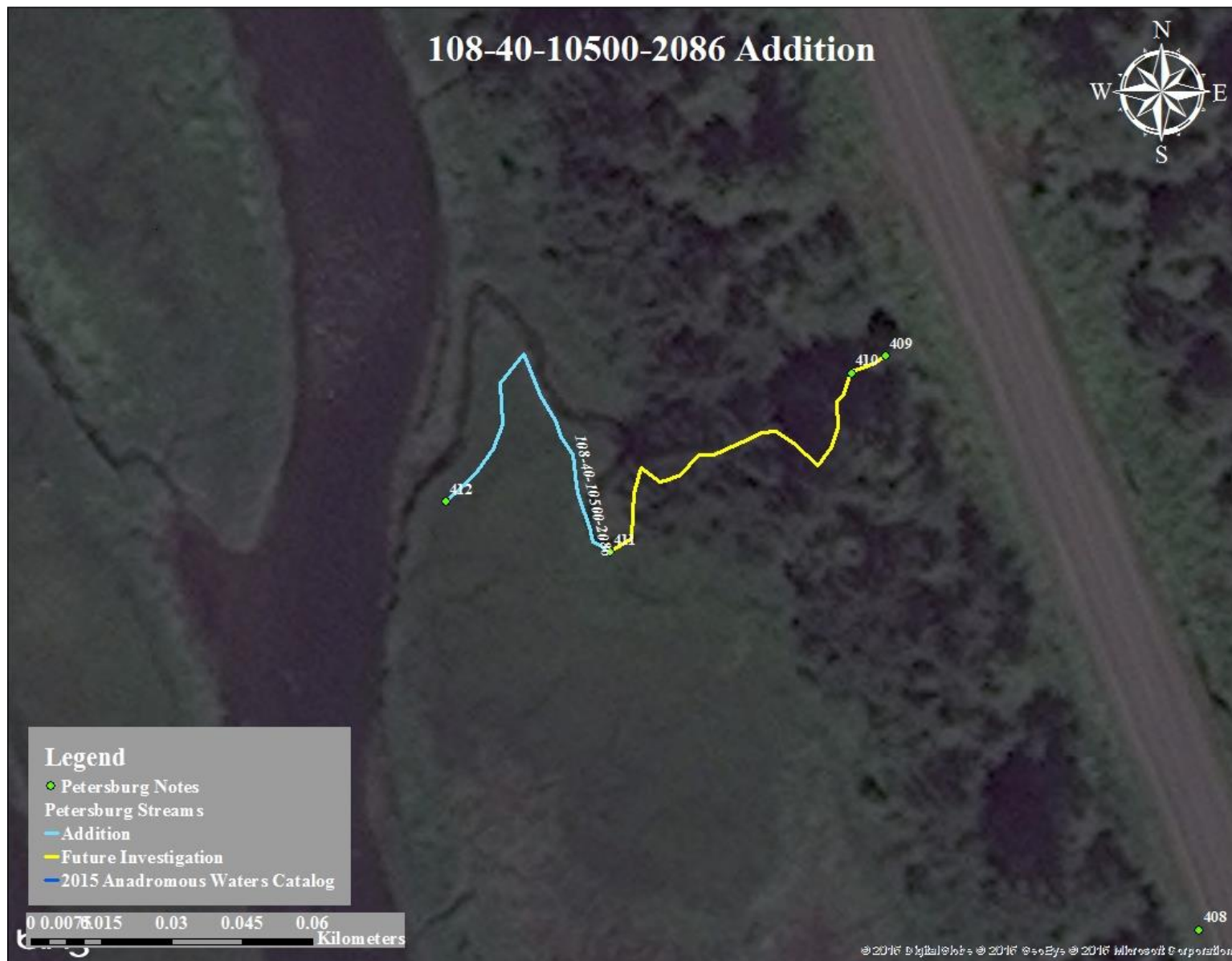


Figure 1.—108-40-10500-2086 addition map.

Petersburg

108-40-10500-2096**ADDITION****Water body name:****Survey date:** 6/4/2014**Water body number:** 108-40-10500-2096**Species & Lifestage:** CO**Watershed:** Ohmer Creek-Frontal Sumner Strait**MTR:** C061S081E **Quad:** Petersburg C-3**Findings:** We surveyed this tributary to Ohmer Creek using a backpack electrofisher and a GPS (Table 1). This creek ends in a seep at roadbed.**Recommendations:** Add stream to the AWC (Figure 1).**Nomination:** 13-560

Table 1.—108-40-10500-2096 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 413 | 56.5683 | -132.7362 | Mouth of tributary into slough. | | |
| 414 | 56.5686 | -132.7362 | 2 CO about 35mm. | EF | 2 CO |
| 415 | 56.5695 | -132.7364 | End of stream. Ends in messy seep at roadbed. | EF | No Fish |



Figure 1.—108-40-10500-2096 addition map.

Petersburg

108-40-10500-2100**CORRECTION****Water body name:****Water body number:** 108-40-10500-2100**Watershed:** Ohmer Creek-Frontal Sumner Strait**MTR:** C061S081E **Quad:** Petersburg C-3**Findings:** We surveyed this stream using a GPS and found the route differs from the AWC (Table 1).**Recommendations:** Correct the current route in the AWC (Figure 1).**Nomination:** 13-563**Survey date:** 6/4/2013
Species & Lifestage: COr

Table 1.—108-40-10500-2100 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|--|---------------|----------------|
| 426 | 56.5698 | -132.7375 | Mouth of cataloged stream. | | |
| 427 | 56.5722 | -132.7388 | Mouth of tributary into tributary of slough. | | |
| 425 | 56.5722 | -132.7380 | 90 degree in cataloged stream. Came back and tracked upstream. | | |
| 446 | 56.5722 | -132.7378 | Track joined. | | |
| 445 | 56.5722 | -132.7372 | Culvert at cataloged creek. | | |
| 447 | 56.5722 | -132.7367 | Across road, top of rooty, tall debris jam. Heading up tributary hunting. | | |
| 448 | 56.5722 | -132.7363 | Bottom of rooty tangled steep section. Looks messy, little gravel for spawning. | | |
| 449 | 56.5724 | -132.7354 | End of survey. Steep, rooty, no fish captured from the culvert up. To be expected. | | |

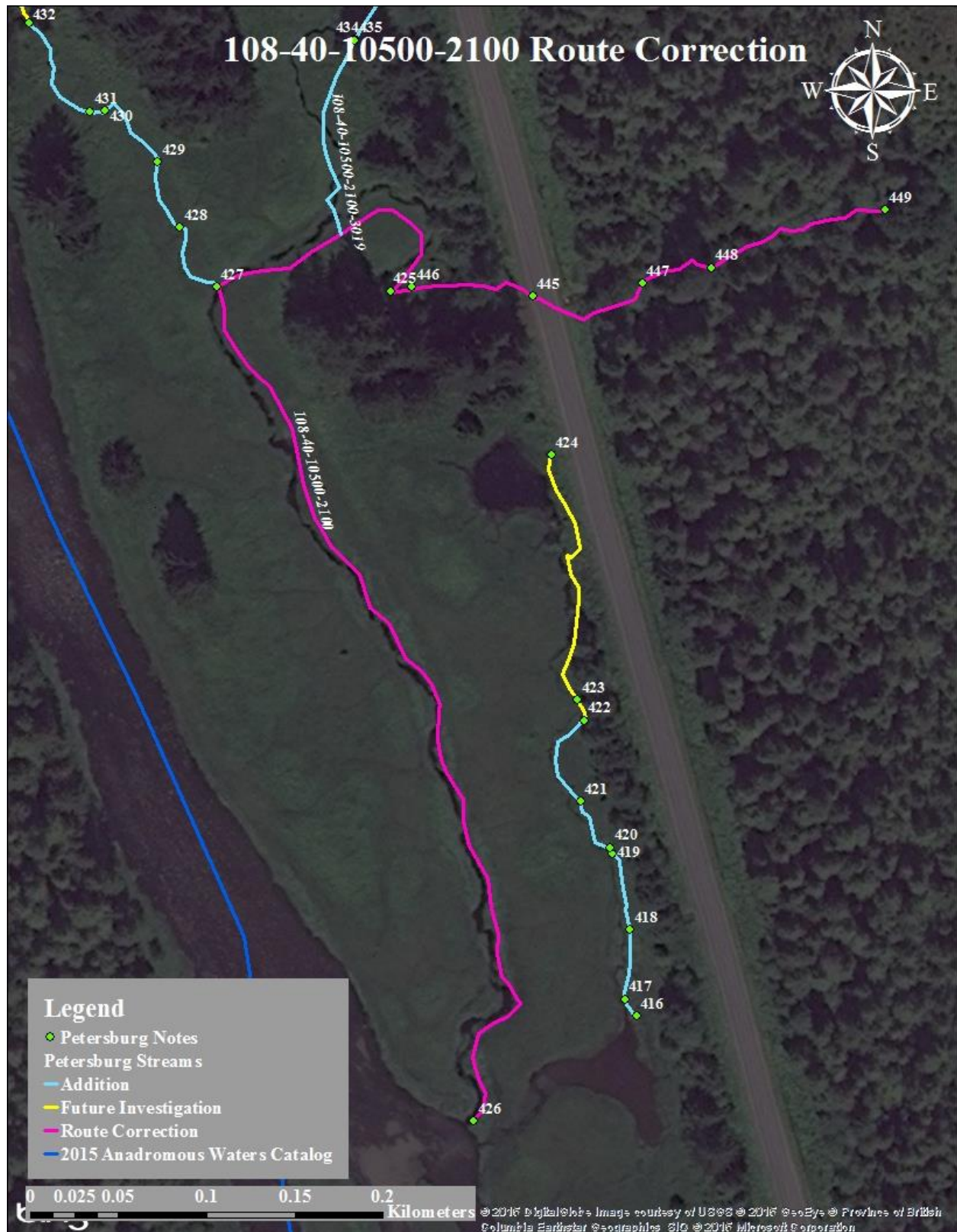


Figure 1.—108-40-10500-2100 route correction map.

Petersburg

108-40-10500-2100-3002

ADDITION

Water body name:

Water body number: 108-40-10500-2100-3002

Watershed: Ohmer Creek-Frontal Sumner Strait

MTR: C061S081E **Quad:** Petersburg C-3

Survey date: 6/4/2013

Species & Lifestage: CO

Findings: We surveyed this tributary to Ohmer Creek using a backpack electrofisher and a GPS (Table 1). We caught coho salmon midway up the stream; stream loses flow the further up we go. There was little flow coming out of culvert at highway into pond (Figures 1, 2).

Recommendations: Add stream to AWC (Figure 3).

Nomination: 13-562

Table 1.—108-40-10500-2100-3002 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|--|---------------|----------------|
| 416 | 56.5701 | -132.7367 | Mouth of tributary into slough. | | |
| 417 | 56.5702 | -132.7368 | 3 CO about 35mm. | EF | 3 CO |
| 418 | 56.5704 | -132.7367 | 2 CO about 35mm. | EF | 2 CO |
| 419 | 56.5706 | -132.7368 | 1 Stickleback and 1 tadpole. | EF | 1 SB |
| 420 | 56.5706 | -132.7368 | 2 CO about 35mm. | EF | 2 CO |
| 421 | 56.5707 | -132.7370 | 1 CO about 35mm. | EF | 1 CO |
| 422 | 56.5710 | -132.7370 | 1 CO about 35mm. | EF | 1 CO |
| 423 | 56.5710 | -132.7370 | So many little tadpoles! | VI | Tadpoles |
| 424 | 56.5717 | -132.7371 | Outlet of culvert flows through riprap before entering ponded area. Pond is end of stream. | | |

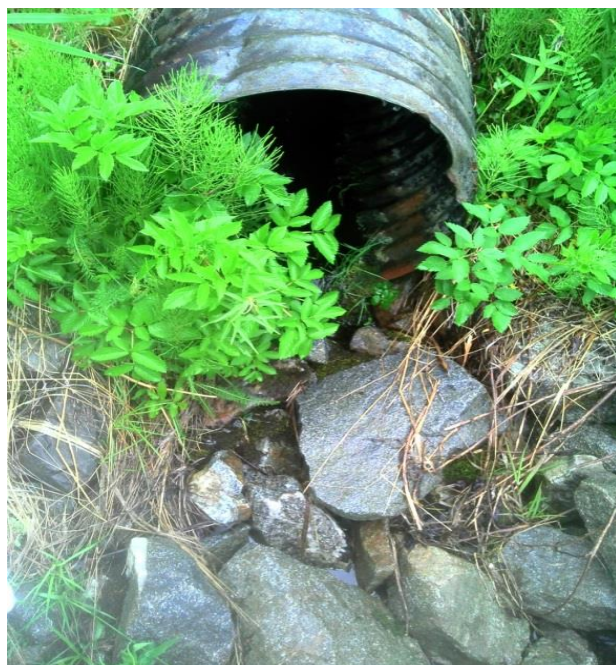


Figure 1.—Outlet of culvert entering pond.



Figure 2.—Pond at outlet of stream.



Figure 3.—108-40-10500-2100-3002 addition map.

Petersburg

108-40-10500-2100-3013**ADDITION****Water body name:****Survey date:** 6/4/2013**Water body number:** 108-40-10500-2100-3013**Species & Lifestage:** CO**Watershed:** Ohmer Creek-Frontal Sumner Strait**MTR:** C061S081E **Quad:** Petersburg C-3**Findings:** We surveyed this stream using a backpack electrofisher and a GPS (Table 1). We caught coho salmon in this tributary to stream 108-40-10500-2100.**Recommendations:** Add stream to the AWC (Figure 1).**Nomination:** 13-564

Table 1.–108-40-10500-2100-3013 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 427 | 56.5722 | -132.7388 | Mouth of tributary into tributary of slough. | | |
| 428 | 56.5724 | -132.7390 | Narrow, deep channel. 2 CO about 35mm. | EF | 2 CO |
| 429 | 56.5725 | -132.7391 | Visual on multiple CO. | EF | CO |
| 430 | 56.5727 | -132.7394 | 2 CO about 35mm. | EF | 2 CO |
| 431 | 56.5727 | -132.7395 | 3 CO about 35mm. | EF | 3 CO |
| 432 | 56.5729 | -132.7398 | 1 CO about 35mm. | EF | 1 CO |
| 433 | 56.5734 | -132.7405 | Tributary ends in organic pool close to the mainstem of slough. | | |

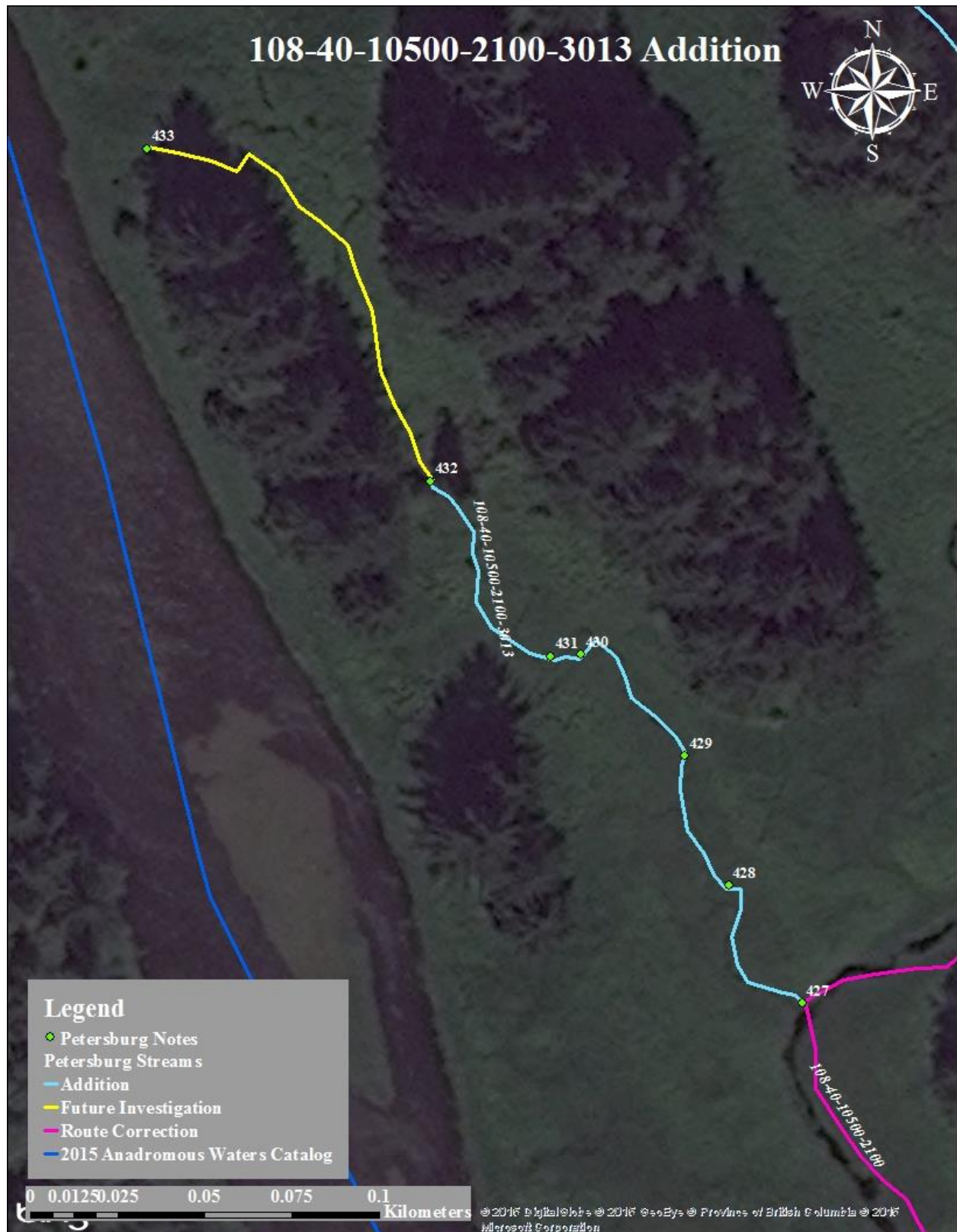


Figure 1.—108-40-10500-2100-3013 addition map.

Petersburg

108-40-10500-2100-3019**ADDITION****Water body name:****Survey date:** 6/4/2013**Water body number:** 108-40-10500-2100-3019**Species & Lifestage:** COr**Watershed:** Ohmer Creek-Frontal Sumner Strait**MTR:** C061S081E **Quad:** Petersburg C-3

Findings: We surveyed this tributary to stream 108-40-10500-2000 using a backpack electrofisher and a GPS (Table 1). This tributary flows through a beaver pond. We caught smolty coho and a rough skinned newt in the pond using minnow traps (Figures 1, 2). The beaver pond ends at Ohmer Creek Campground.

Recommendations: Add stream to the AWC (Figure 3).

Nomination: 13-556

Table 1.–108-40-10500-2100-3019 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 434 | 56.5723 | -132.7382 | Mouth of tributary into tributary of slough. | | |
| 435 | 56.5729 | -132.7381 | 2 CO between 35-55mm. | EF | 2 CO |
| 436 | 56.5731 | -132.7380 | Culvert spilling into tributary. | | |
| 437 | 56.5731 | -132.7380 | 1 smolty CO about 100mm near bear pond. | EF | 1 CO |
| 438 | 56.5744 | -132.7387 | 1 CO about 100mm. | EF | 1 CO |
| 439 | 56.5744 | -132.7388 | 1 CO about 95mm. | EF | 1 CO |
| 440 | 56.5745 | -132.7389 | 1 CO about 95mm. | EF | 1 CO |
| 441 | 56.5746 | -132.7391 | 1 CO about 95mm. | EF | 1 CO |
| 442 | 56.5747 | -132.7392 | Base of beaver dam. Most likely passable at higher flows. 4 CO between 70-90mm. | EF | 4 CO |
| 443 | 56.5747 | -132.7393 | Huge beaver complex. Walking around to final inlet stream. | | |
| 444 | 56.5773 | -132.7403 | Ohmer Creek Campground. Beaver pond ends here. | | |
| 450 | 56.5766 | -132.7398 | Minnow trap in old beaver pond. 2 CO about 95mm. | MT | 2 CO |
| 451 | 56.5763 | -132.7394 | Minnow trap in old beaver pond. 1 CO about 95mm. | MT | 1 CO |
| 452 | 56.5763 | -132.7395 | Minnow trap in old beaver pond. 1 CO about 95mm. | MT | 1 CO |
| 453 | 56.5764 | -132.7395 | Minnow trap in old beaver pond. Plus to huge beetles and a salamander. 1 CO about 95mm. | MT | 2 CO |



Figure 1.–Smolty coho salmon caught in a minnow trap in 108-40-10500-2100-3019.

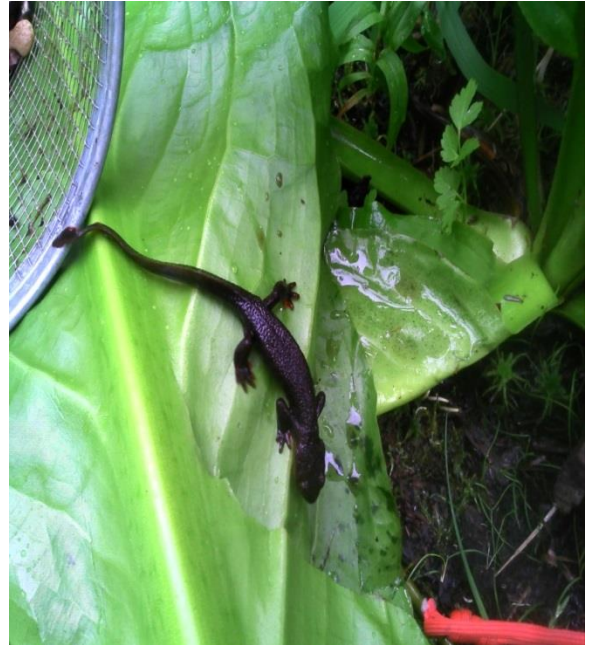


Figure 2.–Rough skinned newt caught in a minnow trap in 108-40-10500-2100-3019.

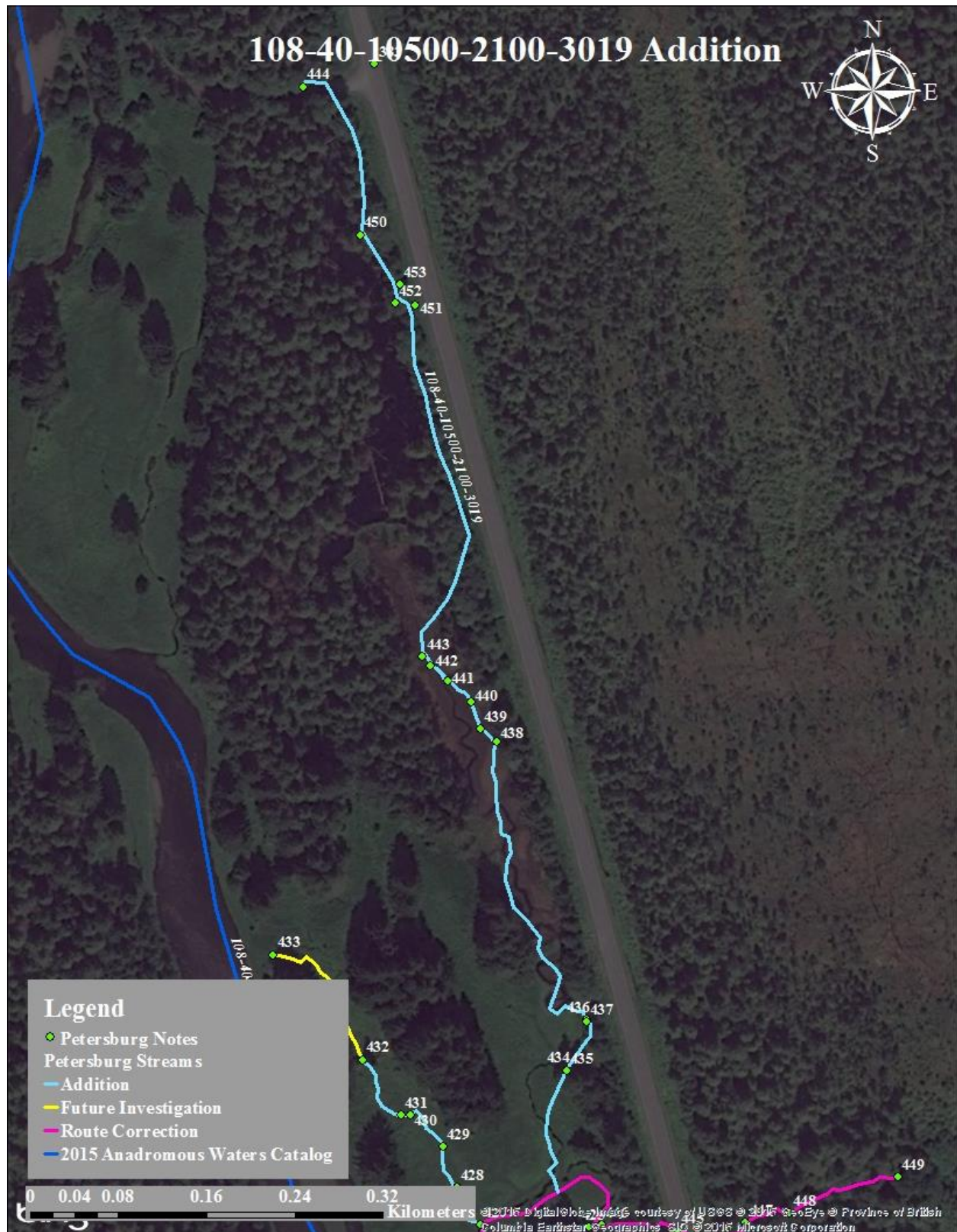


Figure 3.—108-40-10500-2100-3019 addition map.

Petersburg

Petersburg

108-40-10500-2103-3004-4004**ADDITION****Water body name:****Survey date:** 7/29/2013**Water body number:** 108-40-10500-2103-3004-4004**Species & Lifestage:** CO**Watershed:** Ohmer Creek-Frontal Sumner Strait**MTR:** C061S081E **Quad:** Petersburg C-3

Findings: We surveyed this tributary using a backpack electrofisher and a GPS (Table 1). We captured rearing coho salmon. The mouth of the stream connects with 108-40-10500-2103-3004 in swamp, the water level in stream was very low, and the substrate was mossy cobbles (Figure 1). We ended the survey where water was seeping out moss.

Recommendations: Add stream to the AWC (Figure 2).

Nomination: 14-556

Table 1.–108-40-10500-2103-3004-4004 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|--|---------------|----------------|
| 366 | 56.5890 | -132.7463 | Stream emerges into massive swamp on Ohmer Creek. | | |
| 365 | 56.5889 | -132.7454 | Outlet of pipe. | | |
| 357 | 56.5890 | -132.7451 | Inlet of pipe. | EF | 1 CO |
| 358 | 56.5890 | -132.7451 | Just up from pipe outlet in a shallow mossy pool 1 CO about 50mm. | EF | 1 CO |
| 359 | 56.5888 | -132.7449 | Lower water, steeper gradient. | EF | 1 DV |
| 360 | 56.5888 | -132.7447 | | EF | No Fish |
| 361 | 56.5888 | -132.7446 | | EF | No Fish |
| 362 | 56.5887 | -132.7445 | Unexpected as usual 1 CO about 65mm near shallow reach with mossy cobbles. | EF | 1 CO |
| 363 | 56.5886 | -132.7442 | Steepening, stepped section. 1 CO about 50mm. | EF | 1 CO |
| 364 | 56.5886 | -132.7439 | End of habitat. Mossy seep and steepened channel. | | |



Figure 1.–Ohmer Creek swamp.

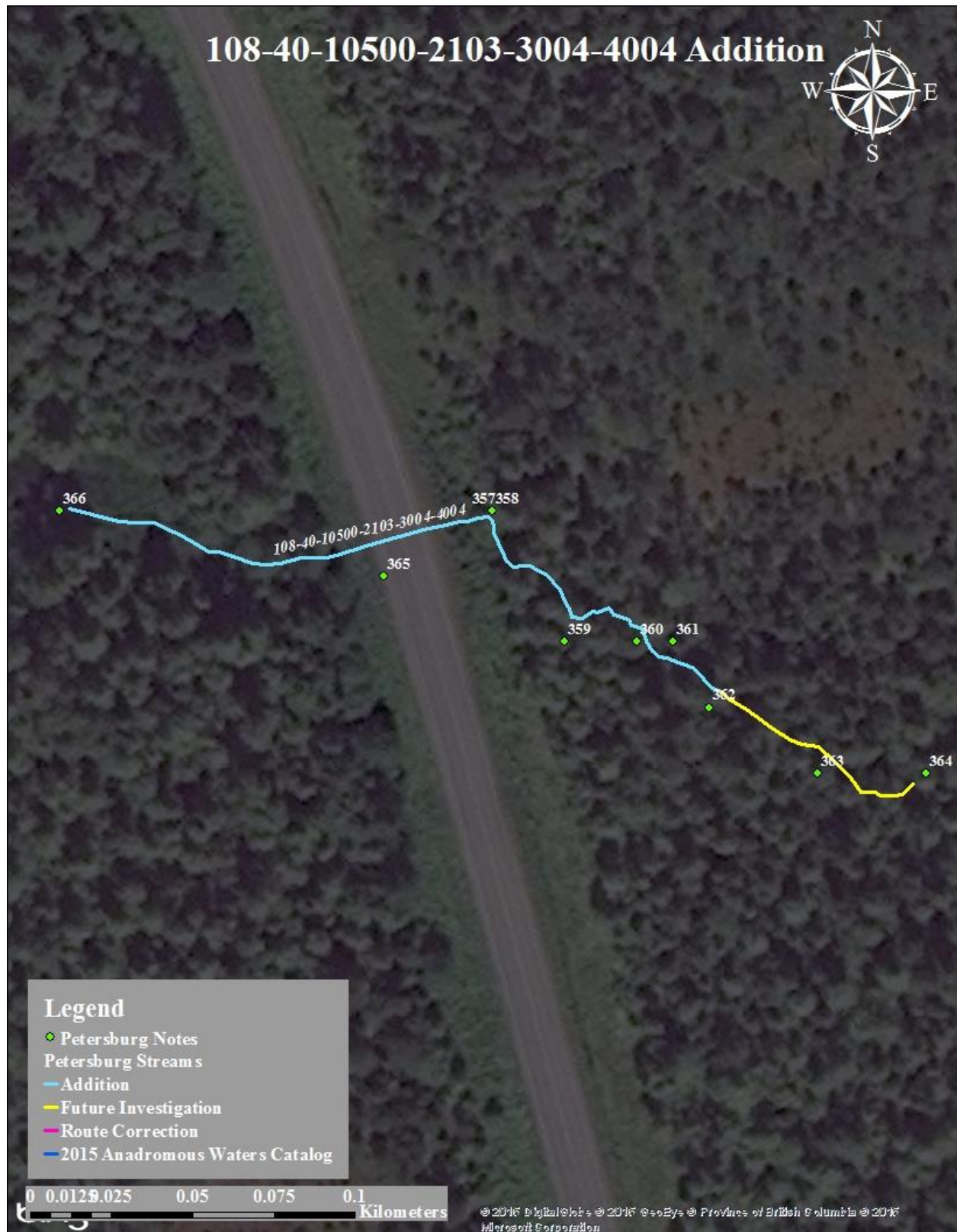


Figure 2.—108-40-10500-2103-3004-4004 addition map.

108-40-10500-2103-3004-4006

ADDITION

Water body name:

Survey date: 7/29/2013

Water body number: 108-40-10500-2103-3004-4006

Species & Lifestage: CO

Watershed: Ohmer Creek-Frontal Sumner Strait

MTR: C061S081E **Quad:** Petersburg C-3

Findings: We surveyed this stream using a backpack electrofisher and a GPS (Table 1). We captured rearing coho salmon. The mouth of the stream connects with 108-40-10500-2103-3004 in marshy area and culvert has an outlet apron (Figure 1). We ended the survey at a 15' waterfall that is a fish barrier (Figure 2).

Recommendations: Add stream to the AWC (Figure 3).

Nomination: 14-557

Table 1.—108-40-10500-2103-3004-4006 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|------------------|
| 356 | 56.5899 | -132.7469 | Mouth of creek into deep marshy slough. This connects with Ohmer Creek. | | |
| 350 | 56.5901 | -132.7460 | Inlet of culvert on Awesome Creek. 2 CO about 95mm. | EF | 2 CO |
| 351 | 56.5902 | -132.7458 | 2 CO about 50mm among cobbles and gravels. | EF | 2 CO |
| 352 | 56.5902 | -132.7458 | In a deep pool, undercut bank captured 2 CO between 50-90mm. | EF | 2 CO |
| 353 | 56.5902 | -132.7457 | Nearing base of 15' falls. | EF | 1 SC, 1 CT, 1 DV |
| 354 | 56.5902 | -132.7456 | Gravel, cobbles, pools. 2 CO about 60mm. | EF | 2 CO |
| 355 | 56.5902 | -132.7456 | Base of falls. Pool, cobbles. 1 DV about 120mm. | EF | 1 DV |



Figure 1.—Culvert outlet apron.

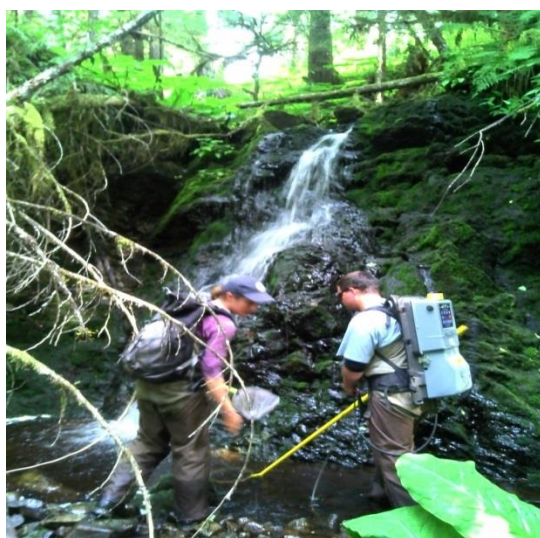


Figure 2.—15' Waterfall.

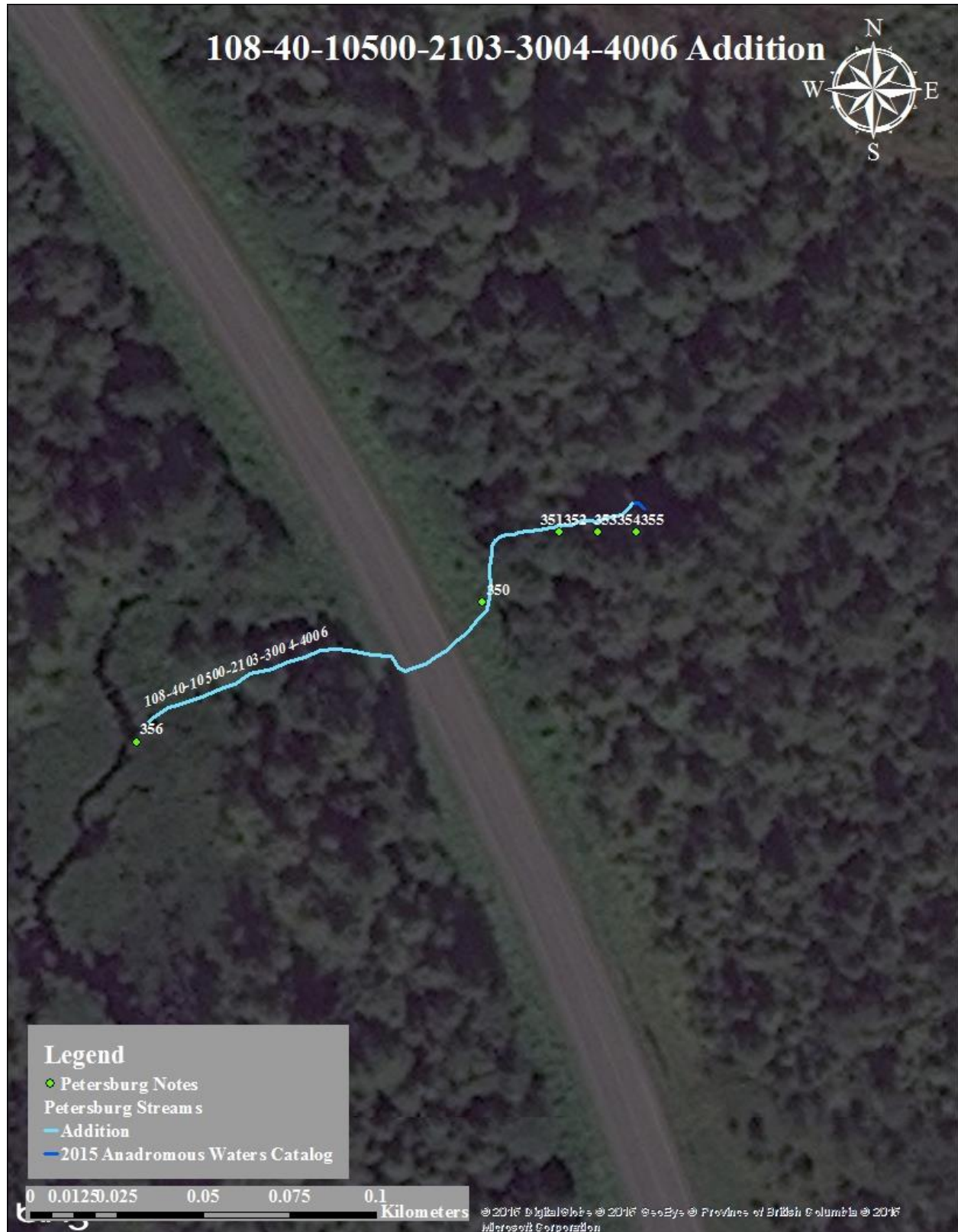


Figure 3.—108-40-10500-2103-3004-4006 addition map.

Petersburg

108-40-10500-2103-3004-4014

ADDITION

Water body name:

Survey date: 7/28/2013

Water body number: 108-40-10500-2103-3004-4014

Species & Lifestage: COr

Watershed: Ohmer Creek-Frontal Sumner Strait

MTR: C061S081E **Quad:** Petersburg C-3

Findings: We surveyed this stream using a backpack electrofisher and a GPS (Table 1). We captured rearing coho salmon. The stream channel is narrow and goes through an open wooded area (Figure 1). The mouth of the stream braids out and connects with 108-40-10500-2103-3004. We ended the survey where braids connect with 108-40-10500-2103-3004.

Recommendations: Add stream to the AWC (Figure 2).

Nomination: 14-588

Table 1.—108-40-10500-2103-3004-4014 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|--|---------------|----------------|
| 297 | 56.5928 | -132.7534 | Beginning of braided section that enters Blind Slough. | | |
| 296 | 56.5935 | -132.7529 | | EF | 2 CO, 1 DV |
| 295 | 56.5935 | -132.7528 | Outlet side of culvert under Mitkof Highway. | EF | 3 DV |
| 294 | 56.5937 | -132.7526 | Inlet of culvert under Mitkof Highway. | EF | 1 CT, 1 DV |



Figure 1.—Narrow stream channel.

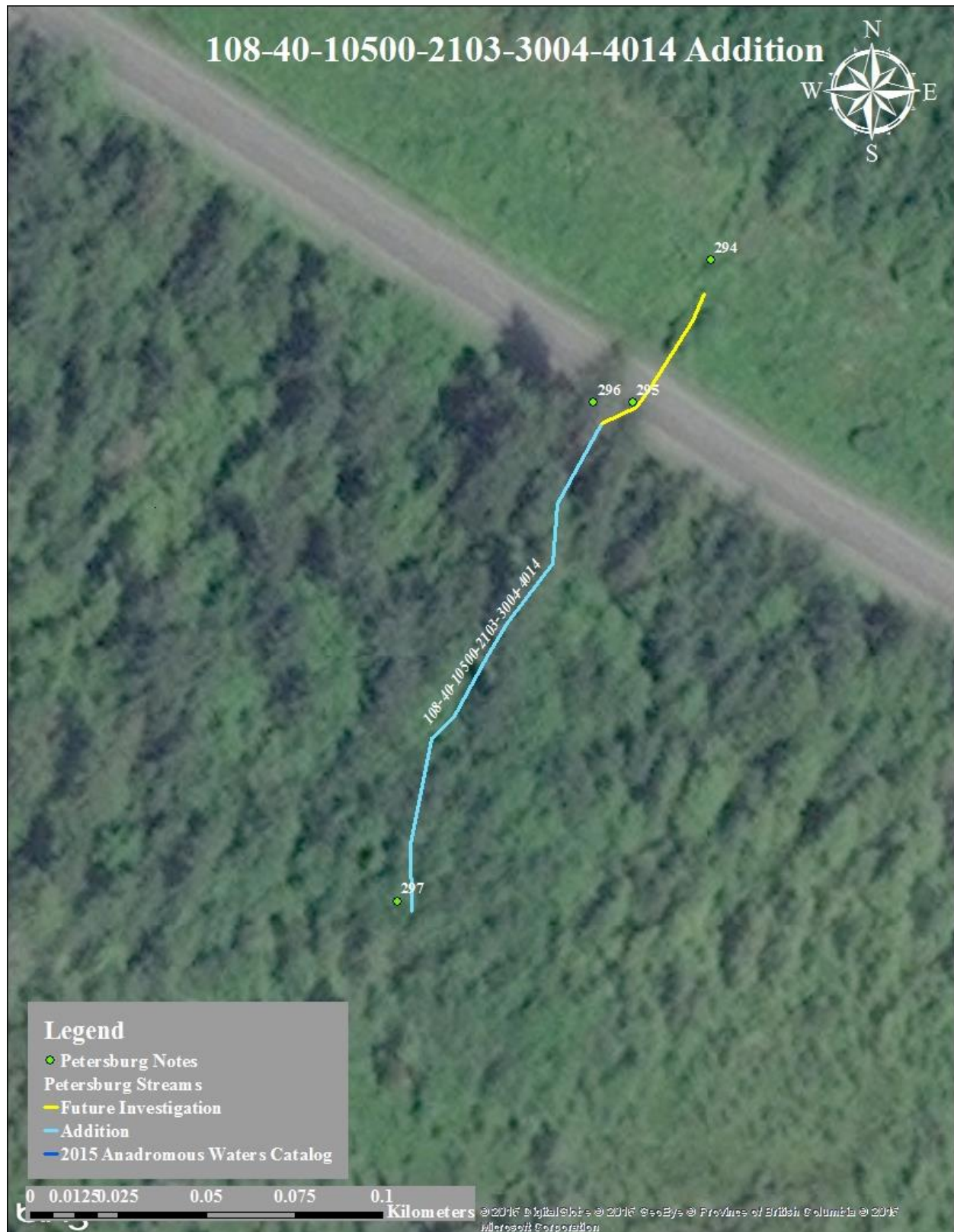


Figure 2.—108-40-10500-2103-3004-4014 addition map.

Petersburg

108-40-10550**CORRECTION****Water body name:****Survey date:** 6/29/2013**Water body number:** 108-40-10550**Species & Lifestage:** COp, Pp**Watershed:** Ohmer Creek-Frontal Sumner Strait**MTR:** C061S081E **Quad:** Petersburg C-3

Findings: We surveyed this stream using a backpack electrofisher and a GPS (Table 1). The route of this creek differs from the current route in the AWC. We found a beaver dam on this stream and ended our survey at a 4' drop with a dry section above (Figures 1, 2).

Recommendations: Correct the route currently in the AWC (Figure 3).

Nomination: 14-573

Table 1.—108-40-10550 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 823 | 56.5400 | -132.6782 | Mouth of Green Creek near Green's Creek campground. | | |
| 824 | 56.5406 | -132.6913 | Outlet of perched culvert into tributary of Green Creek. | | |
| 825 | 56.5400 | -132.6906 | Tributary enters river left, not connected at the moment to mainstem. | | |
| 822 | 56.5391 | -132.6931 | Beaver dam on Green Creek. | | |
| 820 | 56.5391 | -132.6991 | Outlet of culvert on Green Creek. | | |
| 821 | 56.5391 | -132.6957 | Tributary on river right. | | |
| 828 | 56.5392 | -132.6995 | Mouth of tiny roadside ditch above culvert. | | |
| 832 | 56.5393 | -132.6994 | Inlet of culvert on Green Creek. | | |
| 833 | 56.5419 | -132.7031 | Mouth of tiny tributary, no water. | | |
| 838 | 56.5427 | -132.7047 | Back to mainstem. | | |
| 839 | 56.5438 | -132.7072 | Possible tributary on river left. | | |
| 840 | 56.5440 | -132.7073 | In small tributary into Green Creek multiple CO about 35mm. | EF | CO |
| 844 | 56.5441 | -132.7074 | Back on mainstem. | | |
| 845 | 56.5452 | -132.7115 | Small tributary on river left. | | |
| 848 | 56.5454 | -132.7127 | Tributary on river right. | | |
| 855 | 56.5455 | -132.7128 | Back on mainstem. | | |
| 856 | 56.5516 | -132.7136 | On tributary on river right. Handnetted multiple CO about 35mm. | HN | CO |

Table 1.—Continued.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 863 | 56.5516 | -132.7137 | Back at mainstem. | | |
| 866 | 56.5541 | -132.7149 | 2 CO about 35mm. | EF | 2 CO |
| 865 | 56.5542 | -132.7148 | Shocking down mainstem. 2 CT about 50mm. | EF | 2 CT |
| 864 | 56.5543 | -132.7147 | Base of stepped grade. Riverbed drops 4 '. Dry above. | | |



Figure 1.—Beaver dam on 108-40-10550.



Figure 2.—Upper extent of 108-40-10550.
There is a dry 4' drop above.

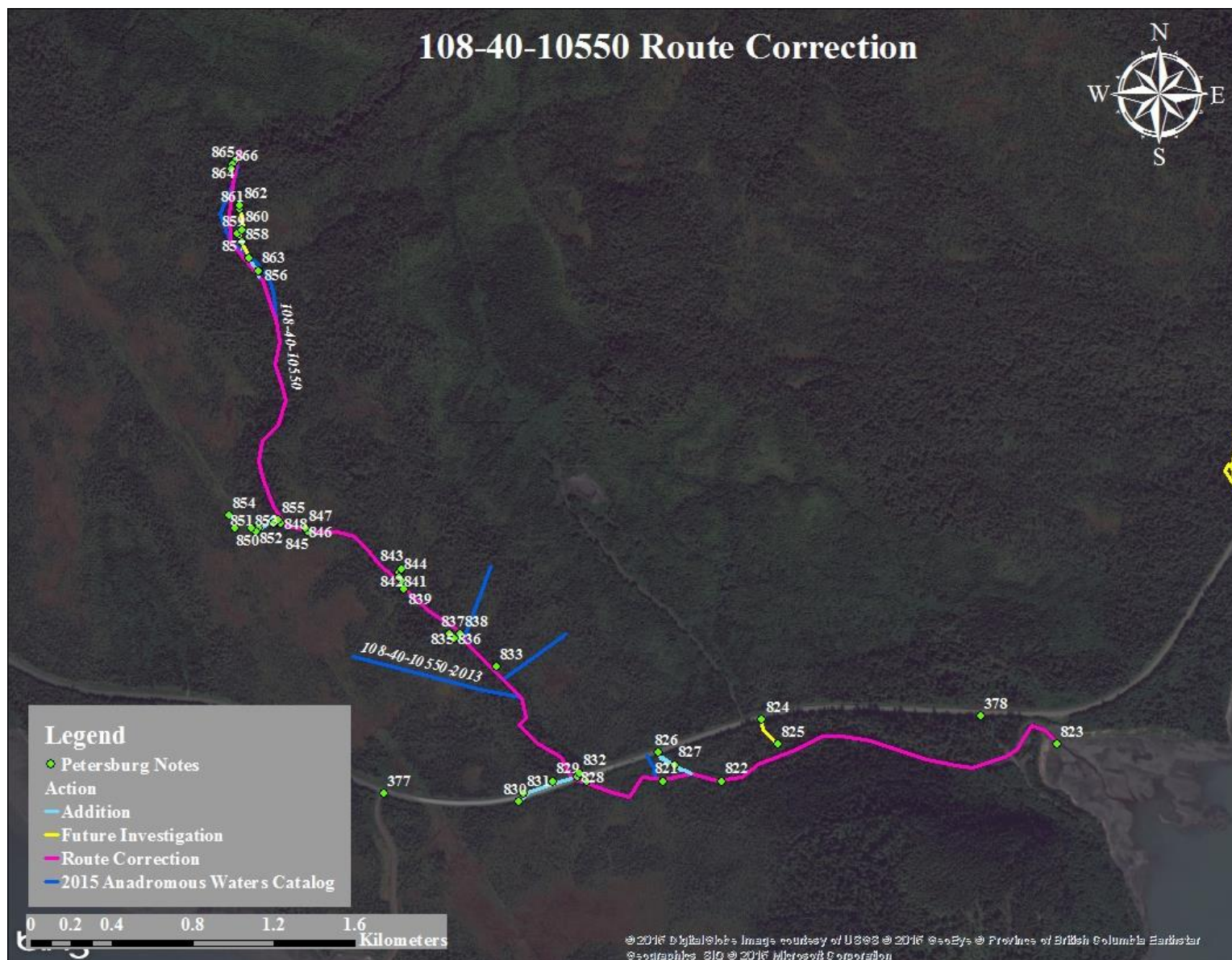


Figure 3.–108-40-10550 route correction map.

Petersburg

Petersburg

108-40-10576**ADDITION****Water body name:****Survey date:** 6/3/2013**Water body number:** 108-40-10576**Species & Lifestage:** COr**Watershed:** Ohmer Creek-Frontal Sumner Strait**MTR:** C061S082E **Quad:** Petersburg C-2

Findings: We surveyed this stream using a backpack electrofisher and a GPS (Table 1). We caught coho salmon near the mouth of stream, but the habitat was good beyond where we captured fish. The Anchorage culvert team captured fish above the road.

Recommendations: Add stream to AWC (Figure 1).

Nomination: 14-169

Table 1.—108-40-10576 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|------------------|
| 363 | 56.5452 | -132.6668 | Mouth of stream entering ocean. | | |
| 364 | 56.5452 | -132.6670 | | EF | 3 CO |
| 365 | 56.5454 | -132.6673 | | EF | 2 CO, 1 CT, 1 DV |
| 366 | 56.5458 | -132.6683 | | EF | 3 DV |
| 367 | 56.5460 | -132.6688 | Outlet of culvert under road with large pool below. | | |
| 368 | 56.5461 | -132.6692 | Inlet of culvert. At high water it could be hard for fish to swim though due to velocity. | | |
| 369 | 56.5463 | -132.6702 | Tributary entering on river right. Tracking mainstem because there is more flow. | | |
| 370 | 56.5465 | -132.6702 | 1 CT about 140mm. | EF | 1 CT |
| 371 | 56.5476 | -132.6701 | | EF | 2 DV |
| 372 | 56.5476 | -132.6703 | Increased gradient and moveable bed load and far and few between possible spawning areas. | EF | 1 CT |
| 373 | 56.5469 | -132.6705 | Top of tributary. There is a 2.5 ft. drop falls that has no pool at base. Also at high water fish not able to pass. | | |
| 374 | 56.5468 | -132.6707 | | EF | 2 CT |

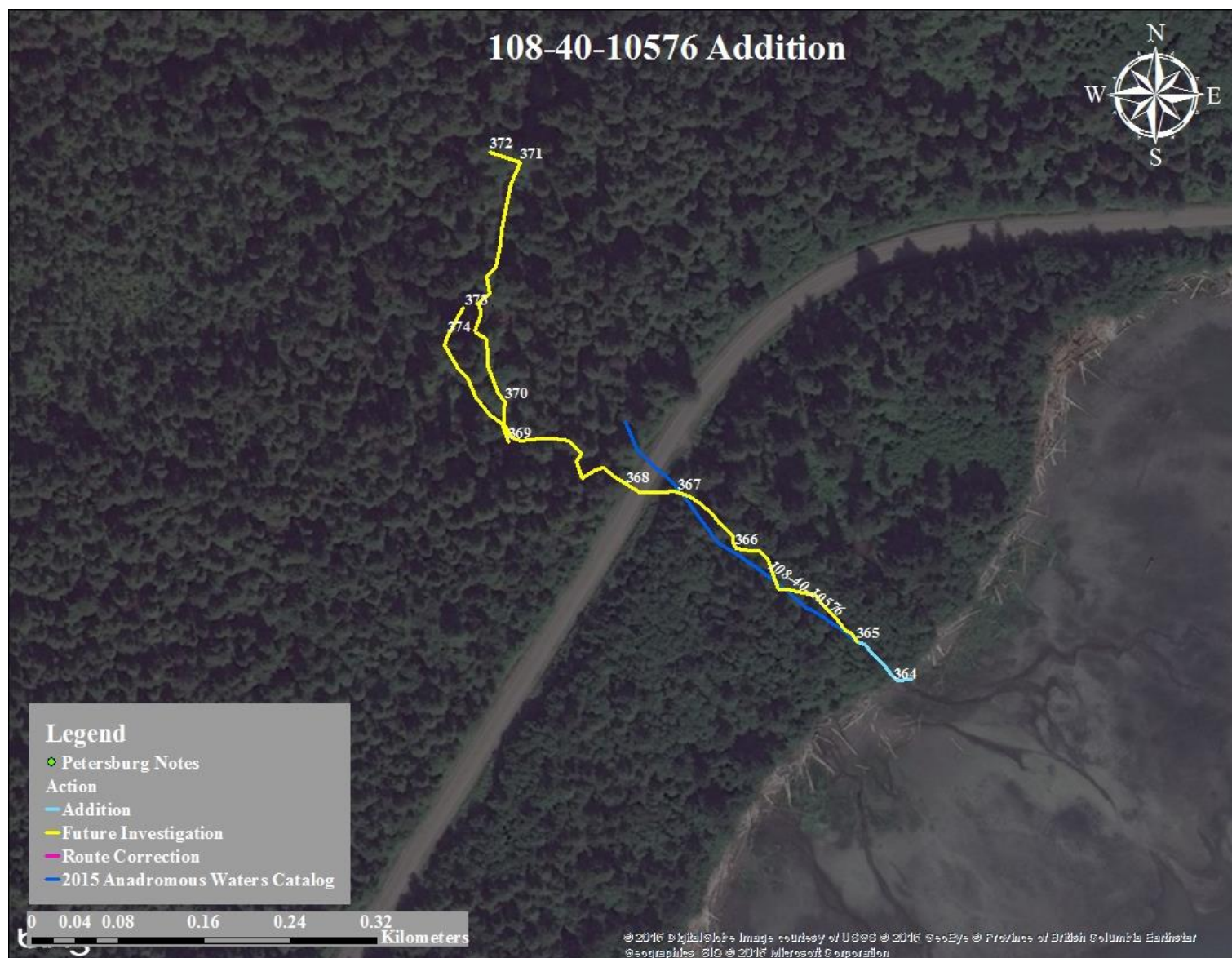


Figure 1.–108-40-10576 addition map.

Petersburg

108-40-10600**CORRECTION****Water body name:****Survey date:** 6/3/2013**Water body number:** 108-40-10600**Species & Lifestage:** COp, Pp, DVp**Watershed:** Stikine River-Frontal Stikine Strait**MTR:** C061S082E **Quad:** Petersburg C-2

Findings: We surveyed this stream and associated tributaries over the course of two days (Table 1). There are two large culverts under the Mitkof Highway which appear to be recently installed (Figure 1). The stream channel has shifted and there are large buildups of debris on the outside curves of the creek. We stopped tracking the creek because the gradient increased and the substrate was large boulders making falls (Figure 2).

Recommendations: Correct the current route in the AWC (Figure 3).

Nomination: 13-547

Table 1.–108-40-10600 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|--|---------------|----------------|
| 218 | 56.5537 | -132.6439 | Intertidal zone of large creek above the road. Mouth of creek is adjacent to large pullout with picnic/camping area. | | |
| 219 | 56.5540 | -132.6441 | | EF | 1 CO |
| 220 | 56.5542 | -132.6444 | | EF | 2 RT |
| 221 | 56.5545 | -132.6449 | Outlet of double culvert. 1 culvert looks old and 1 culvert is new. Culvert is ~ 1 ft. high. We EF and saw fish but did not catch any. | | |
| 222 | 56.5545 | -132.6449 | Inlet of culverts. Both culverts are in great condition with very high velocity. | | |
| 223 | 56.5550 | -132.6454 | | EF | 1 CT |
| 224 | 56.5551 | -132.6456 | Substrate in this creek is cobble, gravel, and a few boulders. Width ~ 15 ft. Gradual increase in gradient. | EF | 2 DV |
| 225 | 56.5558 | -132.6465 | | EF | 1 DV |
| 226 | 56.5561 | -132.6461 | | EF | 1 CT |
| 227 | 56.5572 | -132.6457 | Large dry blown out channel on river left. | | |
| 228 | 56.5573 | -132.6458 | Tributary on river left. It seems to be the new mouth of the blown out channel (WPT. 227). Very small compared to the other channel. | | |

Table 1.–Continued.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|--|---------------|----------------|
| 229 | 56.5575 | -132.6458 | | EF | 1 DV |
| 230 | 56.5583 | -132.6441 | Channel has narrowed and transitioned. Into bedrock. | EF | No Fish |
| 231 | 56.5590 | -132.6437 | Barrier. Bedrock and steep cascade ~ 12-15 ft. No pools for fish to hold. It appears there was a massive blow-out in the stream in the recent past. Our guess is that is why there are two huge culverts present under the road. | | |
| 355 | 56.5574 | -132.6459 | Continuing upstream where NL and RH left off on the blow out stream. | | |
| 356 | 56.5583 | -132.6466 | Tributary entering river right. | | |
| 357 | 56.5585 | -132.6467 | | EF | 1 DV, 1 CT |
| 358 | 56.5586 | -132.6473 | | EF | 1 CT |
| 359 | 56.5587 | -132.6474 | | EF | 2 CT |
| 360 | 56.5588 | -132.6476 | Gradient increase and down to bedrock. Nothing but resident CT. Appears to have a highly moveable bed. Thin slate rocks. | EF | 1 CT |
| 361 | 56.5594 | -132.6459 | Large rock and wood build-up, possible limit fish use upstream. | | |
| 362 | 56.5608 | -132.6461 | Calling it the top of the mainstem. Major gradient change with large boulders making falls. Right now possible velocity barrier and even more so at high water. No pools in falls for jumping. | | |



Figure 1.–Rick standing on the culvert outlet.



Figure 2.–Rick in front of potential velocity barrier.

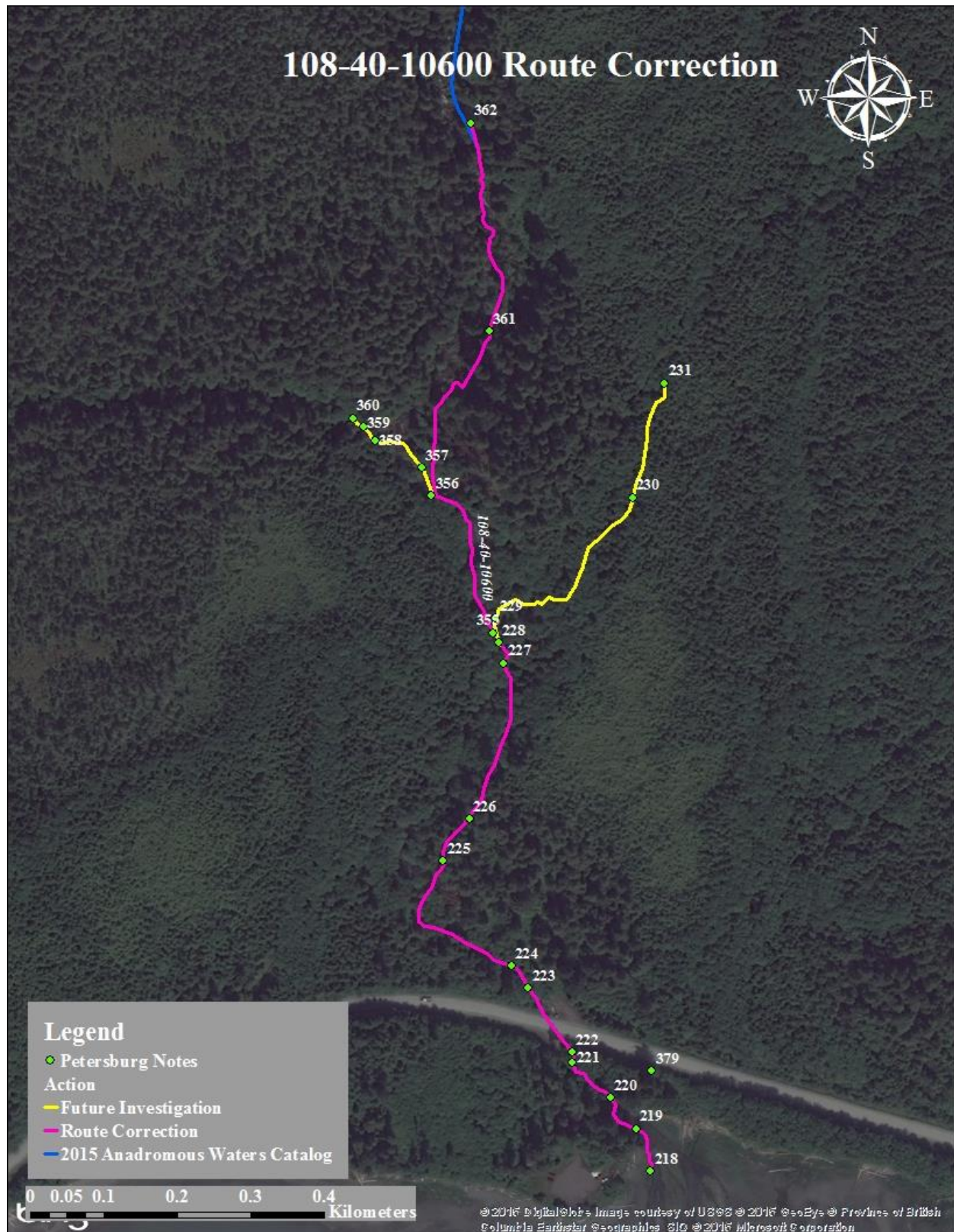


Figure 3.—108-40-10600 route correction map.

Petersburg

Petersburg

108-40-10602**ADDITION****Water body name:****Survey date:** 5/22/2013**Water body number:** 108-40-10602**Species & Lifestage:** CHr, COr**Watershed:** Stikine River-Frontal Stikine Strait**MTR:** C061S081E **Quad:** Petersburg C-2

Findings: This stream runs under a boat launch road then continues to parallel the Mitkof Highway. We surveyed the stream using a backpack electrofisher and a GPS. (Table 1). We caught juvenile coho, pink, and chum salmon below the culvert (Figures 1, 2). This stream ends where the water goes subterranean.

Recommendations: Add stream to the AWC (Figure 3).**Nomination:** 13-545

Table 1.—108-40-10602 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|------------------------|
| 179 | 56.5543 | -132.6306 | Above intertidal zone of creek. | | |
| 180 | 56.5546 | -132.6304 | Caught several young of the year salmon below road. Stream fed by roadside ditch. | EF | 9 CO, 2 CH, 1 P |
| 181 | 56.5547 | -132.6301 | 6 young of the year CO. | EF | 6 CO |
| 182 | 56.5547 | -132.6300 | Small tributary entering river right. | | |
| 187 | 56.5548 | -132.6298 | Pool at base of culvert outlet. Culvert runs beneath access road to boat launch. Culvert is perched ~ 6". | EF | 3 CO, 1 DV, 2 CT, 2 SC |
| 188 | 56.5547 | -132.6297 | Inlet of culvert. | | |
| 189 | 56.5549 | -132.6293 | | EF | 1 CT |
| 190 | 56.5550 | -132.6291 | Tributary entering river right. | | |
| 193 | 56.5553 | -132.6285 | | EF | 1 CT |
| 194 | 56.5553 | -132.6285 | Same spot as 193 | | |
| 195 | 56.5555 | -132.6282 | | EF | 2 CT |
| 196 | 56.5555 | -132.6281 | | EF | 1 DV |
| 197 | 56.5556 | -132.6281 | Caught 1 small and 1 large CT in pool | EF | 2 CT |
| 198 | 56.5556 | -132.6280 | | EF | 1 CT |
| 199 | 56.5557 | -132.6277 | | EF | 1 CT |
| 200 | 56.5558 | -132.6275 | | EF | 1 CT |
| 201 | 56.5558 | -132.6275 | | EF | 1 DV |
| 202 | 56.5560 | -132.6271 | Tributary entering river right. | | |
| 206 | 56.5561 | -132.6270 | Back to mainstem. | | |
| 207 | 56.5565 | -132.6258 | | EF | 2 DV |
| 208 | 56.5566 | -132.6253 | | EF | 2 DV |

Table 1.—Continued.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 209 | 56.5567 | -132.6250 | Tributary entering river left. The outlet of culvert is 1/2 full of sediment, but passable. | EF | 1 DV |
| 214 | 56.5570 | -132.6238 | Top of tributary along the other side of highway. | | |



Figure 1.—Chum salmon caught in Launch Creek.



Figure 2.—Downstream side of slightly perched culvert under the boat launch road.

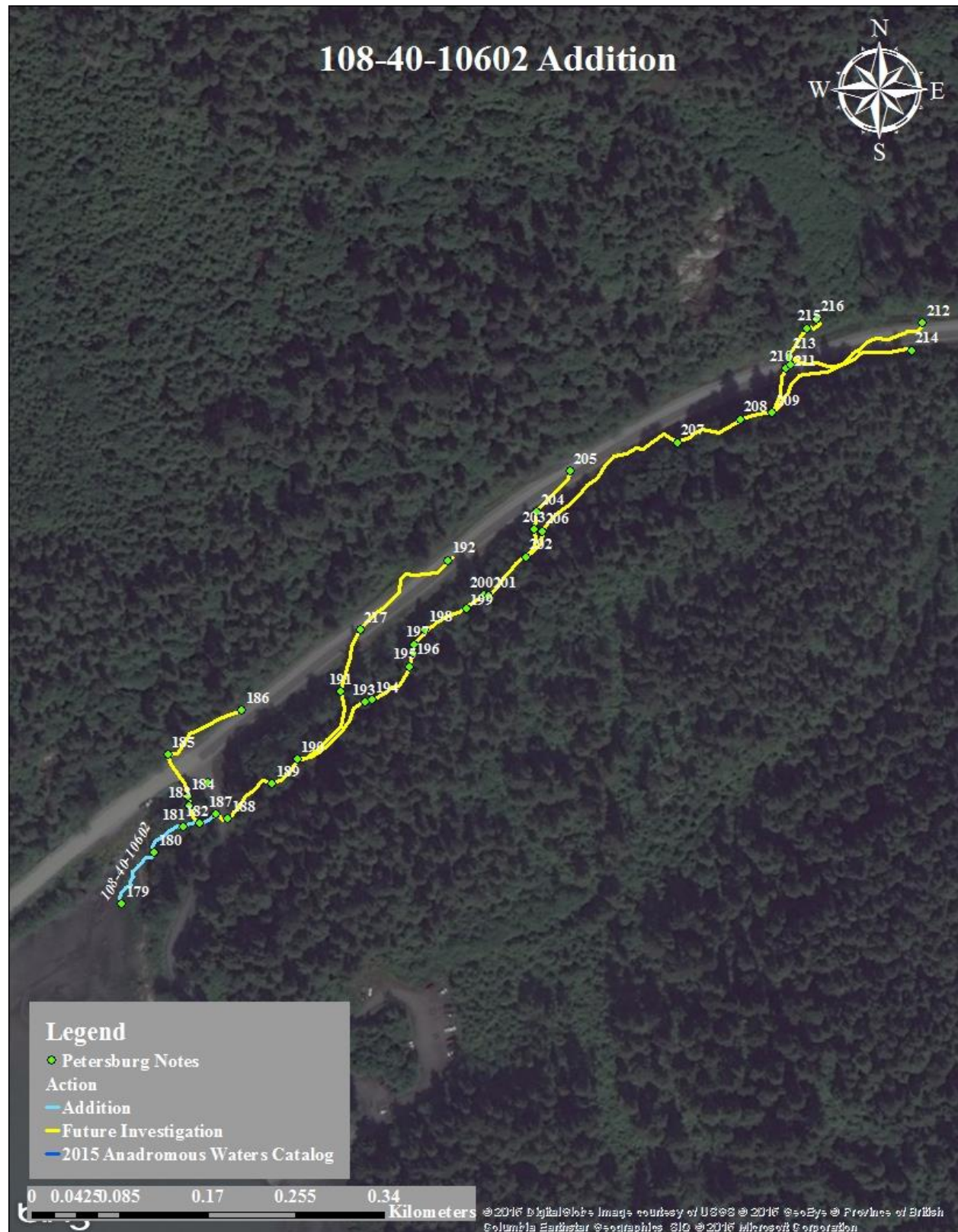


Figure 3.—108-40-10602 addition map.

Petersburg

Petersburg

108-40-10620**ADDITION****Water body name:****Survey date:** 5/21/2013**Water body number:****Species & Lifestage:** CO**Watershed:** Stikine River-Frontal Stikine Strait**MTR:** C061S082E **Quad:** Petersburg C-2

Findings: We surveyed this stream using a backpack electrofisher and GPS (Table 1). We captured two coho salmon in the lower section of the stream. The downstream side of the culvert under the Mitkof Highway is perched about 1 ft. and has a 6 in. deep pool below. There were large boulders blocking the upstream side of the culvert that might prevent adult salmon from passing (Figure 1).

Recommendations: Add stream to AWC (Figure 2).

Nomination: 13-544

Table 1.—108-40-10620 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 159 | 56.5574 | -132.6143 | Mouth of stream entering ocean at mean high tide line. | | |
| 160 | 56.5575 | -132.6142 | | EF | 2 CO |
| 161 | 56.5576 | -132.6142 | | EF | 2 DV |
| 162 | 56.5576 | -132.6141 | Outlet of culvert with ~ 1 ft. perch. And 6 " deep pool at base. | | |
| 163 | 56.5578 | -132.6140 | Inlet of culvert. There are big rocks in front of the culvert that would make it hard for an adult salmonid coming through the culvert to pass. | | |
| 164 | 56.5581 | -132.6134 | We had not caught any fish in this stream. There is a possible velocity barrier here. | EF | No Fish |
| 165 | 56.5591 | -132.6120 | Ending survey here. We EF every pool and run possible and have not caught or seen anything. | EF | No Fish |



Figure 1.—Large boulders in front of culvert inlet. Possible fish passage barrier.

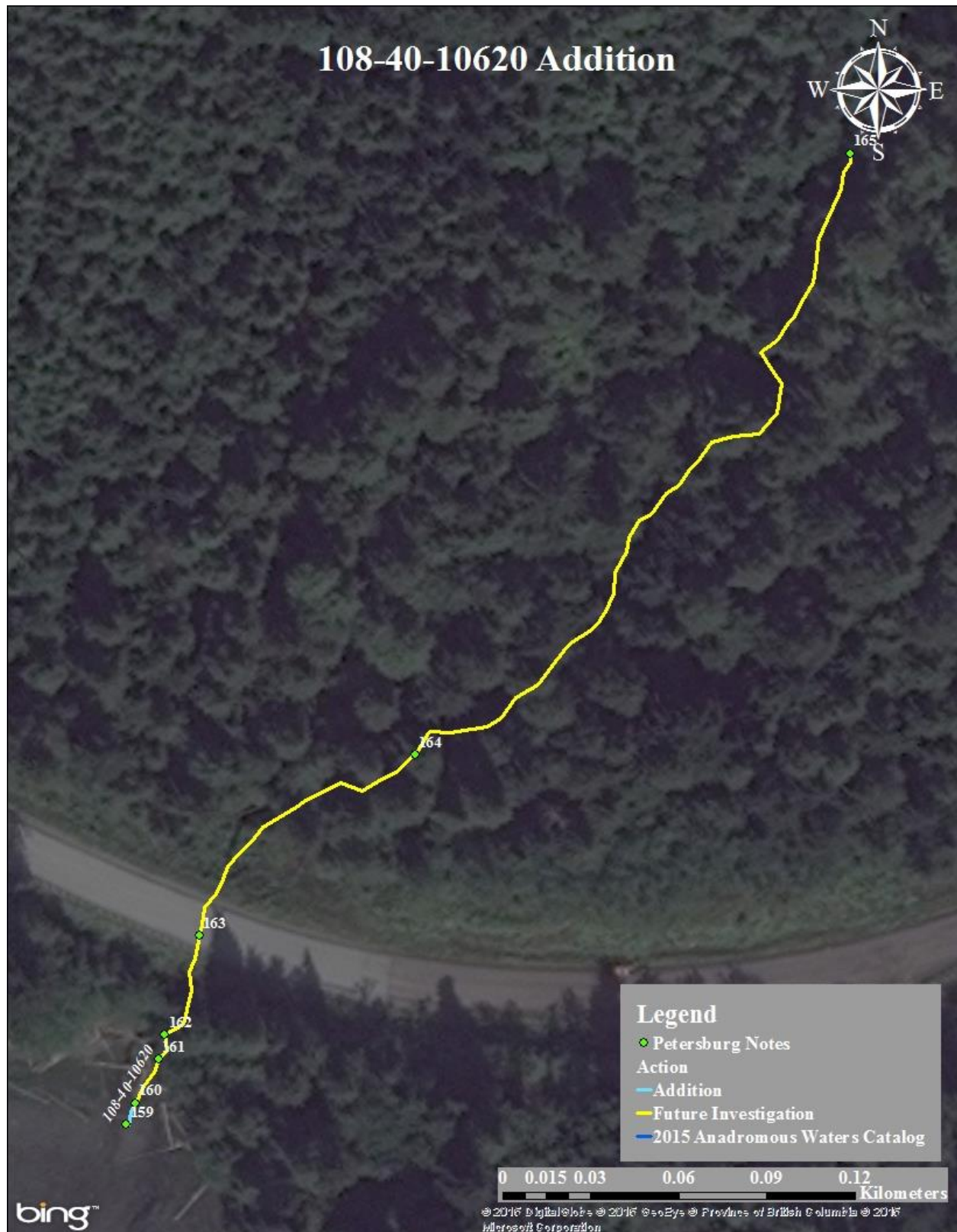


Figure 2.—108-40-10620 addition map.

Petersburg

Petersburg

108-40-10630**ADDITION****Water body name:****Survey date:** 5/20/2013**Water body number:** 108-40-10630**Species & Lifestage:** COOr**Watershed:** Stikine River-Frontal Stikine Strait**MTR:** C061S082E **Quad:** Petersburg C-2

Findings: We surveyed this stream using a backpack electrofisher and a GPS (Table 1). We captured juvenile pink and coho salmon in the lower section of the stream. There are double culverts under the Mitkof Highway with a two ft. perch and a one ft. deep jump pool (Figure 1). We surveyed upstream until the gradient became steeper and the creek went subterranean. We only caught Dolly Varden above the culvert.

Recommendations: Add stream to AWC (Figure 2).**Nomination:** 13-541

Table 1.–108-40-10630 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 120 | 56.5652 | -132.5964 | Mouth of stream in intertidal zone. Black bear grazing on grass. | | |
| 121 | 56.5653 | -132.5964 | | EF | 4 P |
| 122 | 56.5655 | -132.5966 | | EF | 1 CO, 2 DV |
| 123 | 56.5661 | -132.5968 | | EF | 2 DV |
| 124 | 56.5663 | -132.5969 | Double culvert from under road. About 2 ft. perch with 1 ft. deep pool. | EF | 4 DV |
| 125 | 56.5665 | -132.5969 | Inlet of double culvert. There is one stream coming down from the north and another from the east. | | |
| 128 | 56.5669 | -132.5969 | Tributary entering river left. | | |
| 129 | 56.5671 | -132.5967 | Top of tributary. Water comes out from under a tree and the channel is completely dry above this point. | EF | No Fish |
| 130 | 56.5670 | -132.5968 | 2 DV about 60mm. | EF | 2 DV |
| 131 | 56.5672 | -132.5969 | 3 DV about 60mm. | EF | 3 DV |
| 132 | 56.5682 | -132.5982 | Calling it the top. We EF up and caught no fish. Water is still flowing but it is subterranean and a steeper gradient | EF | No Fish |



Figure 1.—Double culverts outlets under Mitkof Highway.

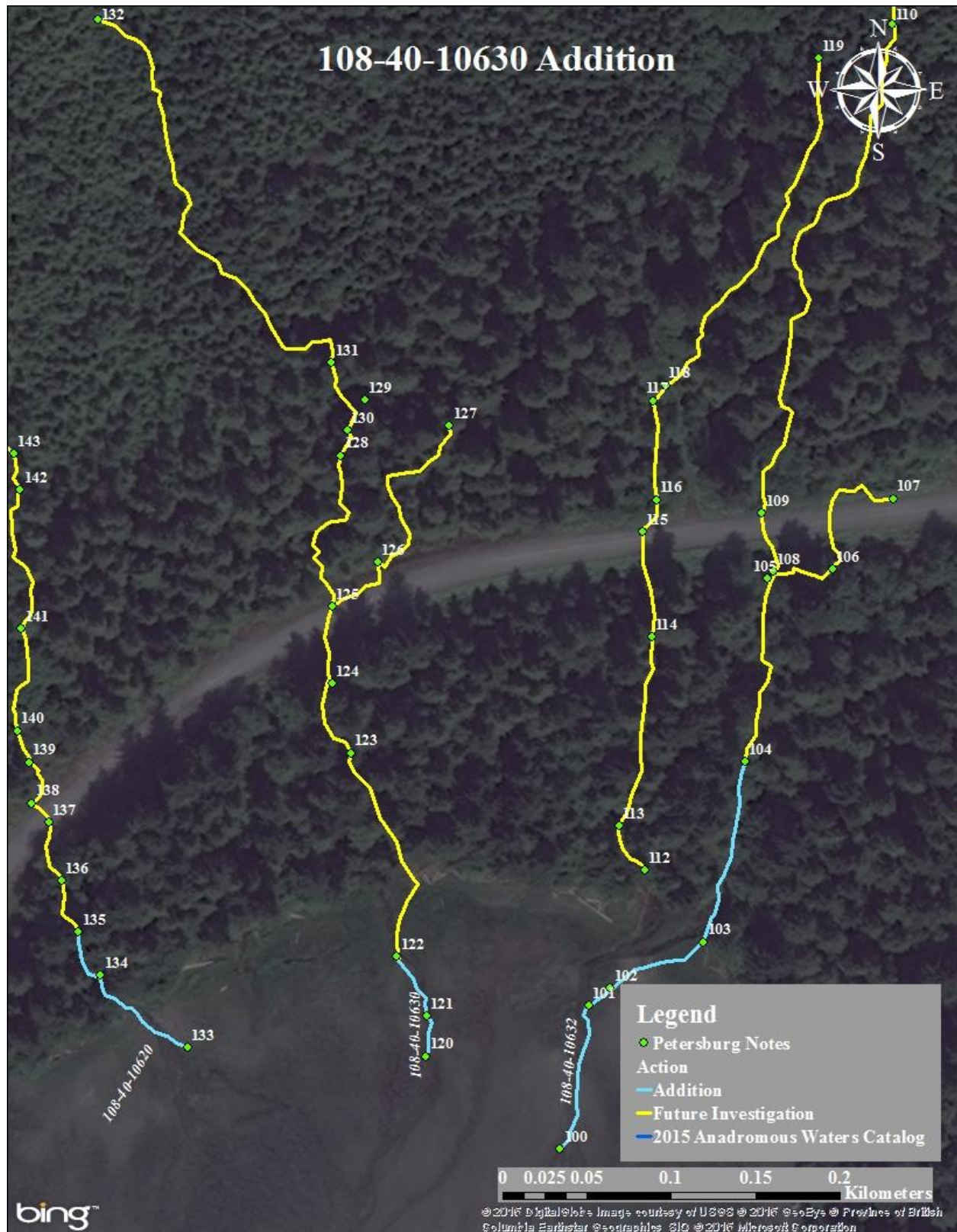


Figure 2.—108-40-10630 addition map.

Petersburg

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108-40-10632**ADDITION****Water body name:****Survey date:** 5/19/2013**Water body number:** 108-40-10632**Species & Lifestage:** CO or**Watershed:** Stikine River-Frontal Stikine Strait**MTR:** C061S082E **Quad:** Petersburg C-2

Findings: We surveyed this stream using a backpack electrofisher and a GPS (Table 1). We captured coho salmon below the culvert under the Mitkof Highway. There is a 2ft. perch on the downstream side of the culvert and a 6" deep pool below. It is unlikely fish can pass the culvert. We continued electrofishing upstream of the culvert, but did not catch any fish.

Recommendations: Add stream to AWC (Figure 1).

Nomination: 13-540

Table 1.—108-40-10632 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 100 | 56.5649 | -132.5957 | Mouth of stream entering the intertidal zone. | | |
| 101 | 56.5653 | -132.5955 | | EF | 2 CO |
| 102 | 56.5654 | -132.5954 | Stream entering river right. | | |
| 103 | 56.5655 | -132.5949 | | EF | 3 CO |
| 104 | 56.5660 | -132.5947 | | EF | 1 CO, 2 DV |
| 105 | 56.5666 | -132.5946 | Tributary entering river left. | EF | 1 DV |
| 106 | 56.5666 | -132.5943 | Outlet of culvert under Mitkof Highway. | | |
| 107 | 56.5668 | -132.5939 | Inlet of culvert. Culvert is under trees and the stream is coming out of the ground. Drainage area. | | |

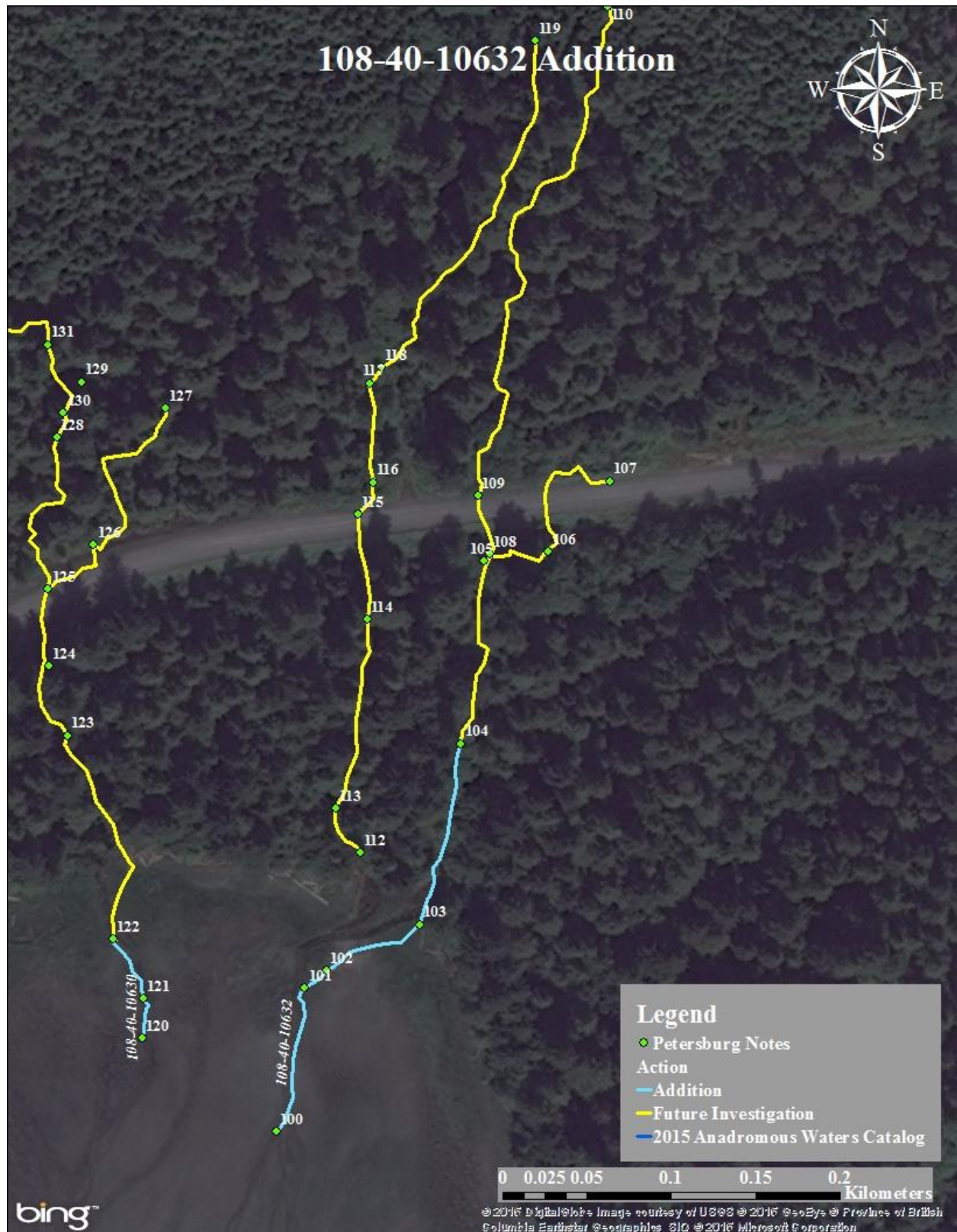


Figure 1.–108-40-10632 addition map.

Petersburg

108-40-10660**ADDITION****Water body name:****Survey date:** 5/16/2013**Water body number:** 108-40-10660**Species & Lifestage:** CO**Watershed:** Stikine River-Frontal Stikine Strait**MTR:** C061S082E **Quad:** Petersburg C-2

Findings: We surveyed this creek along the Mitkof Highway using a backpack electrofisher and a GPS (Table 1). We captured coho salmon below the road and Dolly Varden above the road. We surveyed until the gradient steepened and little water was present. The culvert under the highway was broken in the middle and may be a barrier.

Recommendations: Add stream to the AWC (Figure 1).

Nomination: 13-539

Table 1.—108-40-10660 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 21 | 56.5922 | -132.5441 | First creek on far end of Mitkof Highway. | | |
| 22 | 56.5923 | -132.5454 | Start of hightide line. | | |
| 23 | 56.5923 | -132.5455 | 375 V, 2 CO ~ 80 mm. | EF | 2 CO |
| 24 | 56.5924 | -132.5457 | Downstream culvert mostly underwater. | | |
| 25 | 56.5925 | -132.5460 | Inlet of culvert. The culvert appears to be broken in the middle and might not be passable to fish. | | |
| 26 | 56.5925 | -132.5466 | 1 DV ~ 110 mm | EF | 1 DV |
| 27 | 56.5925 | -132.5466 | 1 DV ~ 150 mm | EF | 1 DV |
| 28 | 56.5927 | -132.5476 | 1 DV ~ 120 mm | EF | 1 DV |
| 29 | 56.5928 | -132.5477 | 1 DV ~ 150 mm | EF | 1 DV |
| 30 | 56.5928 | -132.5486 | 1 DV ~ 120 mm | EF | 1 DV |
| 31 | 56.5930 | -132.5488 | Old smashed culvert on side of creek. | | |
| 32 | 56.5930 | -132.5487 | 1 DV ~ 130 mm | EF | 1 DV |
| 33 | 56.5931 | -132.5487 | An old logging road crosses the creek near where the old culvert is present. | | |
| 34 | 56.5932 | -132.5488 | 1 DV ~ 100 mm | EF | 1 DV |
| 35 | 56.5938 | -132.5495 | 1 DV ~ 120 mm | EF | 1 DV |
| 36 | 56.5942 | -132.5502 | 1 DV | EF | 1 DV |
| 37 | 56.5942 | -132.5502 | Another old culvert on the bank with a cable through creek. | | |
| 38 | 56.5943 | -132.5507 | Tributary enters on river right. The mainstem turns up slope. | | |

Table 1.—Continued.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|--|---------------|----------------|
| 39 | 56.5940 | -132.5511 | Calling it the top. Subterranean drop and it is significantly increasing in gradient. | | |



Figure 1.-108-40-10660 addition map.

Petersburg

108-60-10046

CORRECTION

Water body name:

Survey date: 7/12/2013

Water body number: 108-60-10046

Species & Lifestage: COp

Watershed: Big Creek-Frontal Frederick Sound

MTR: C058S080E **Quad:** Petersburg D-3

Findings: We surveyed this stream to update the current course in AWC (Table 1). We walked downstream from Frederick Sound Drive and found a 25-30' waterfall (Figure 1). The length of the stream in the catalog needs to be shortened because there is a 25-30' waterfall. We ended the survey in the intertidal zone where we found a dead squid (Figure 2).

Recommendations: Correct the current route in the AWC (Figure 3).

Nomination: 14-559

Table 1.—108-40-10046 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|--|---------------|----------------|
| 20 | 56.7951 | -132.8640 | Intertidal zone with creek and ocean. | | |
| 19 | 56.7948 | -132.8638 | Downstream of waterfall. | | |
| 18 | 56.7947 | -132.8639 | Top of 25-30 ft. waterfall. Definite barrier. | | |

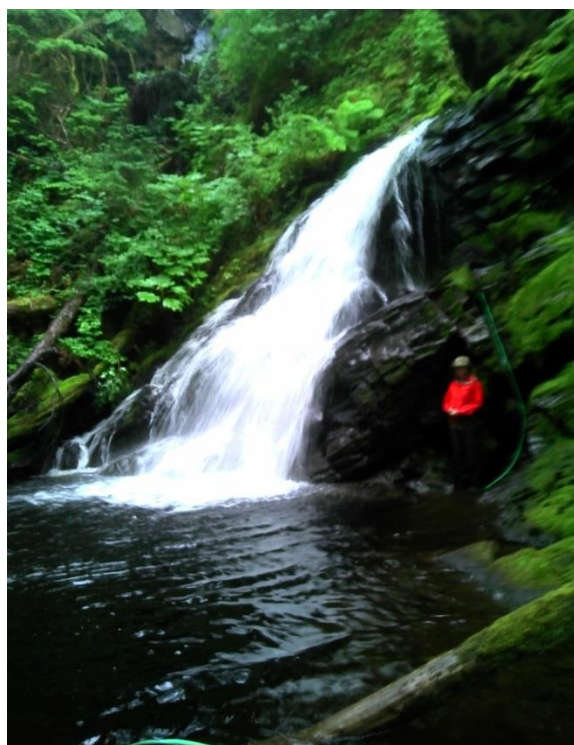


Figure 1.—Tess Quinn at base of 25-30' waterfall.



Figure 2.—Dead squid found near intertidal zone.

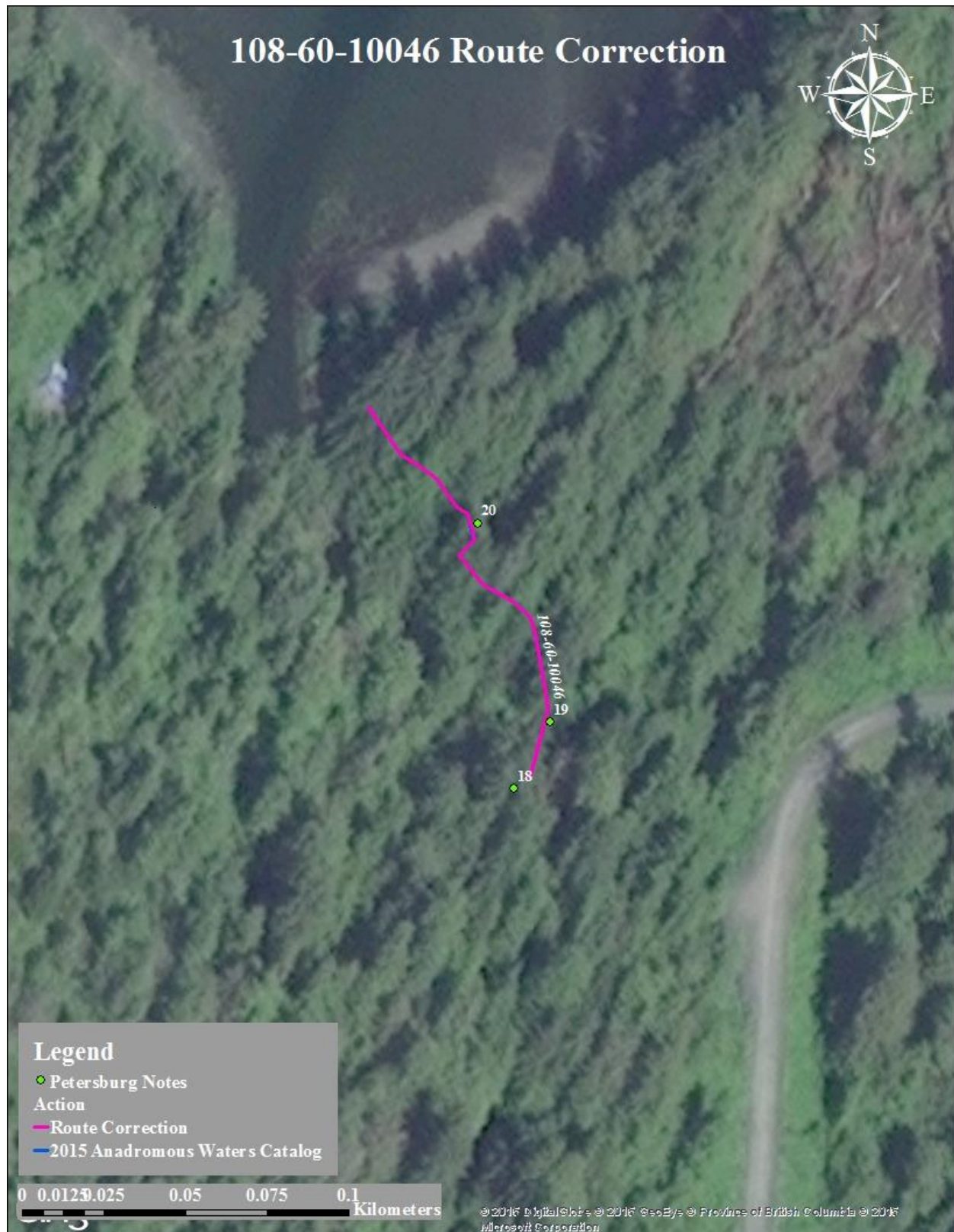


Figure 3.—108-60-10046 route correction map.

108-60-10048

CORRECTION

Water body name: Hobo Creek

Survey date: 7/12/2013

Water body number: 108-60-10048

Species & Lifestage: COpr, Ps

Watershed: Big Creek-Frontal Frederick Sound

MTR: C058S080E **Quad:** Petersburg D-3

Findings: We surveyed this stream with a backpack electrofisher and a GPS to update the route in the AWC and to see if there were any uncataloged tributaries or a barrier (Table 1). We found a bedrock cascade waterfall barrier that shortens the route to below Frederick Sound Drive (Figure 1). The bedrock cascade is about 20' and does have a pool at base, but nowhere for fish to rest to make it all the way up cascade. We electrofished above the cascade falls to inlet of culvert under Frederick Sound Drive and captured no fish (Figure 2). We ended the survey just above the inlet of the culvert.

Recommendations: Correct the current route in the AWC, by shortening due to waterfall barrier (Figure 3).

Nomination: 14-561

Table 1.—108-60-10048 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 22 | 56.7961 | -132.8721 | Intertidal zone with Hobo Creek and ocean. | | |
| 23 | 56.7943 | -132.8738 | Tributary entering river right. Continuing on mainstem. | | |
| 24 | 56.7945 | -132.8767 | High gradient bedrock. Barrier. | | |
| 25 | 56.7944 | -132.8769 | Outlet of culvert under Frederick Road. | EF | No Fish |
| 26 | 56.7944 | -132.8770 | Inlet culvert under Frederick Road. | EF | No Fish |

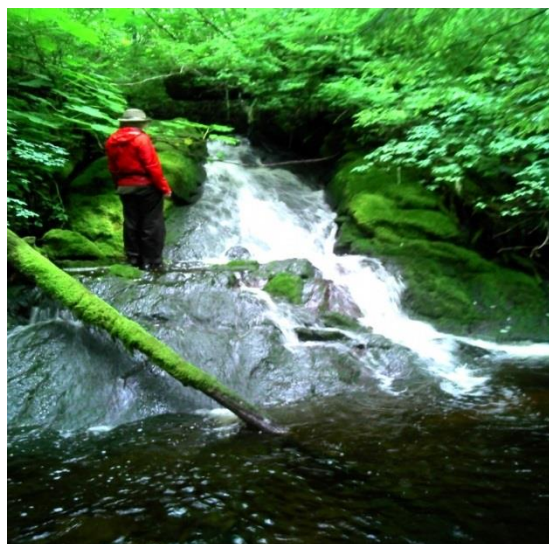


Figure 1.—Tess half way up cascade falls.



Figure 2.—Tess in Frederick Sound Drive culvert.

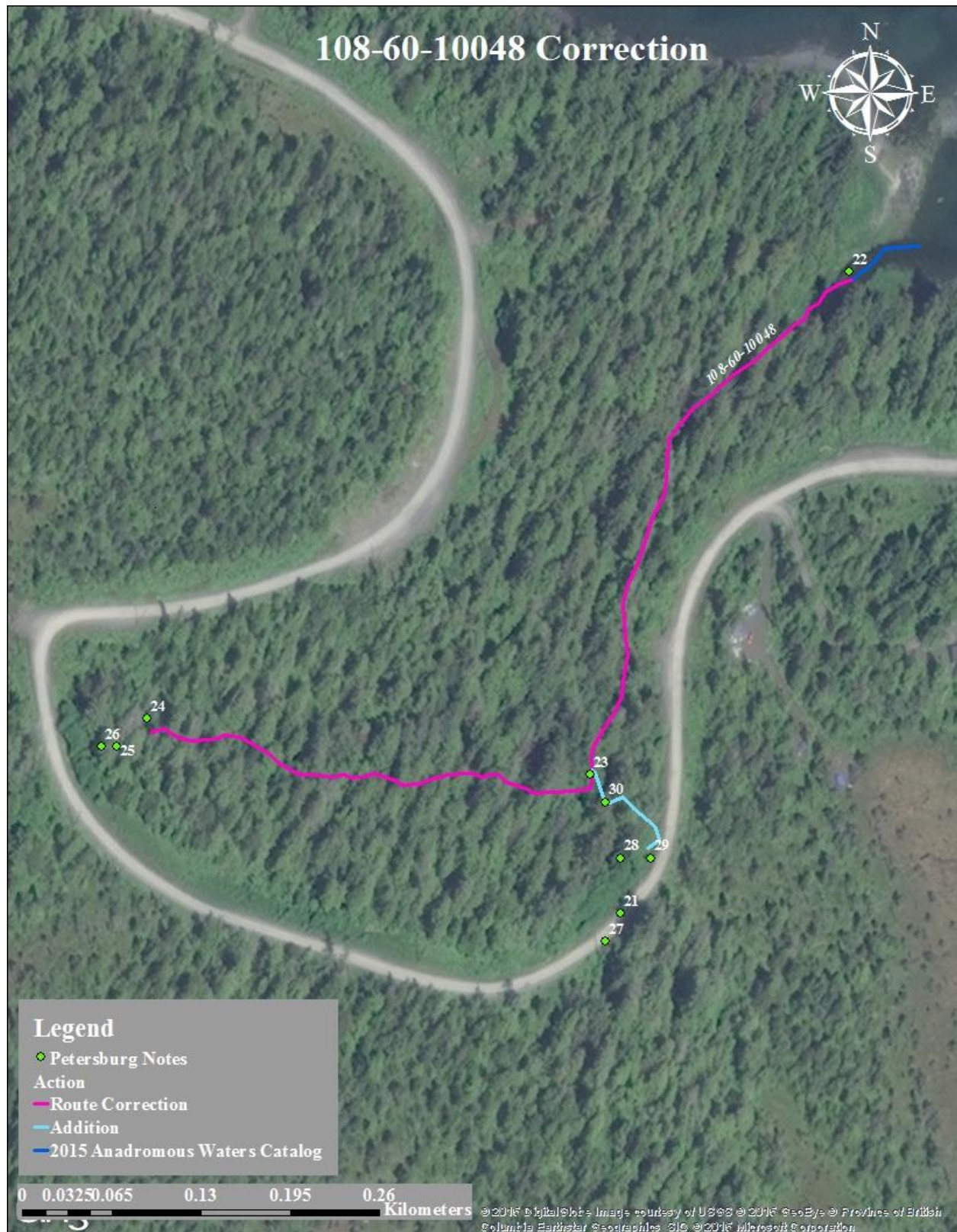


Figure 3.–108-60-10048 route correction map.

108-60-10048-2021**ADDITION****Water body name:****Survey date:** 7/12/2013**Water body number:** 108-60-10048-2021**Species & Lifestage:** COr**Watershed:** Big Creek-Frontal Frederick Sound**MTR:** C058S080E **Quad:** Petersburg D-3

Findings: We surveyed a tributary to Hobo Creek using a backpack electrofisher and a GPS (Table 1). We captured coho salmon and Dolly Varden char. The tributary crosses Frederick Sound Drive and continues up hillside. We ended the survey at the outlet of culvert under Frederick Sound Drive.

Recommendations: Add stream to the AWC (Figure 1).

Nomination: 14-562

Table 1.–108-60-10048-2021 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|--|---------------|----------------|
| 23 | 56.7943 | -132.8738 | Tributary entering river right. | | |
| 30 | 56.7942 | -132.8737 | Same as WPT 23. We electrofished tributary mouth. | | |
| 29 | 56.7940 | -132.8734 | | EF | 1 DV, 2 CO |
| 28 | 56.7940 | -132.8736 | | EF | 2 DV |
| 21 | 56.7938 | -132.8736 | Outlet of culvert under Frederick Road. Appears to be tributary to Hobo Creek. | | |
| 27 | 56.7937 | -132.8737 | | EF | 1 CT |



Figure 1.–108-60-10048-2021 addition map.

108-60-10049**CORRECTION****Water body name:** City Creek**Survey date:** 6/2/2013**Water body number:** 108-60-10049**Species & Lifestage:** COs, Pp, CTp, DVp**Watershed:** Big Creek-Frontal Frederick Sound**MTR:** C058S079E **Quad:** Petersburg D-3

Findings: We tracked stream number 108-60-10049 and sampled tributaries up to the Petersburg Reservoir dam (Table 1, Figure 1). We encountered an old wooden dam below the lake that did not appear to restrict fish passage (Figure 2). We found the current route for this stream differs from the AWC.

Recommendations: Update the current route in the AWC (Figure 3).

Nomination: 13-537

Table 1.–108-60-10049 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|------------------|
| 313 | 56.7997 | -132.8951 | Bridge over City Creek. We are going to track and EF the tributaries. | | |
| 314 | 56.7992 | -132.8961 | Tributary entering river left. | | |
| 317 | 56.7985 | -132.8964 | Tributary entering river left. | | |
| 320 | 56.7968 | -132.8973 | Tributary entering on river right. Tanic, good flow, low gradient. | | |
| 329 | 56.7959 | -132.8992 | Large tributary river left. | | |
| 330 | 56.7968 | -132.9006 | On uncataloged side channel. | | |
| 331 | 56.7957 | -132.9123 | Mouth of small tannic tributary on river left. | EF | No Fish |
| 333 | 56.7956 | -132.9129 | Water draining from hillside. | | |
| 334 | 56.7954 | -132.9127 | Tributary is actually a side channel. | | |
| 335 | 56.7945 | -132.9126 | Mouth of tributary. | EF | 3 CO, 2 DV, 1 CT |
| 343 | 56.7945 | -132.9130 | Back at mainstem | | |
| 346 | 56.7940 | -132.9121 | Back at mainstem | | |
| 347 | 56.7913 | -132.9111 | Possible velocity barrier at high flows. | | |
| 348 | 56.7910 | -132.9111 | Bridge above, possible barrier. | | |
| 349 | 56.7888 | -132.9117 | Ancient log dam. | | |
| 350 | 56.7888 | -132.9123 | Huge debris jam. | | |
| 351 | 56.7869 | -132.9123 | Mouth of tributary just below dam. | EF | 1 DV |
| 354 | 56.7866 | -132.9138 | Petersburg reservoir. Dam barrier. | | |



Figure 1.—Below Petersburg Reservoir Dam.



Figure 2.—Habitat Biologist Nicole Legere downstream of old wooden dam.

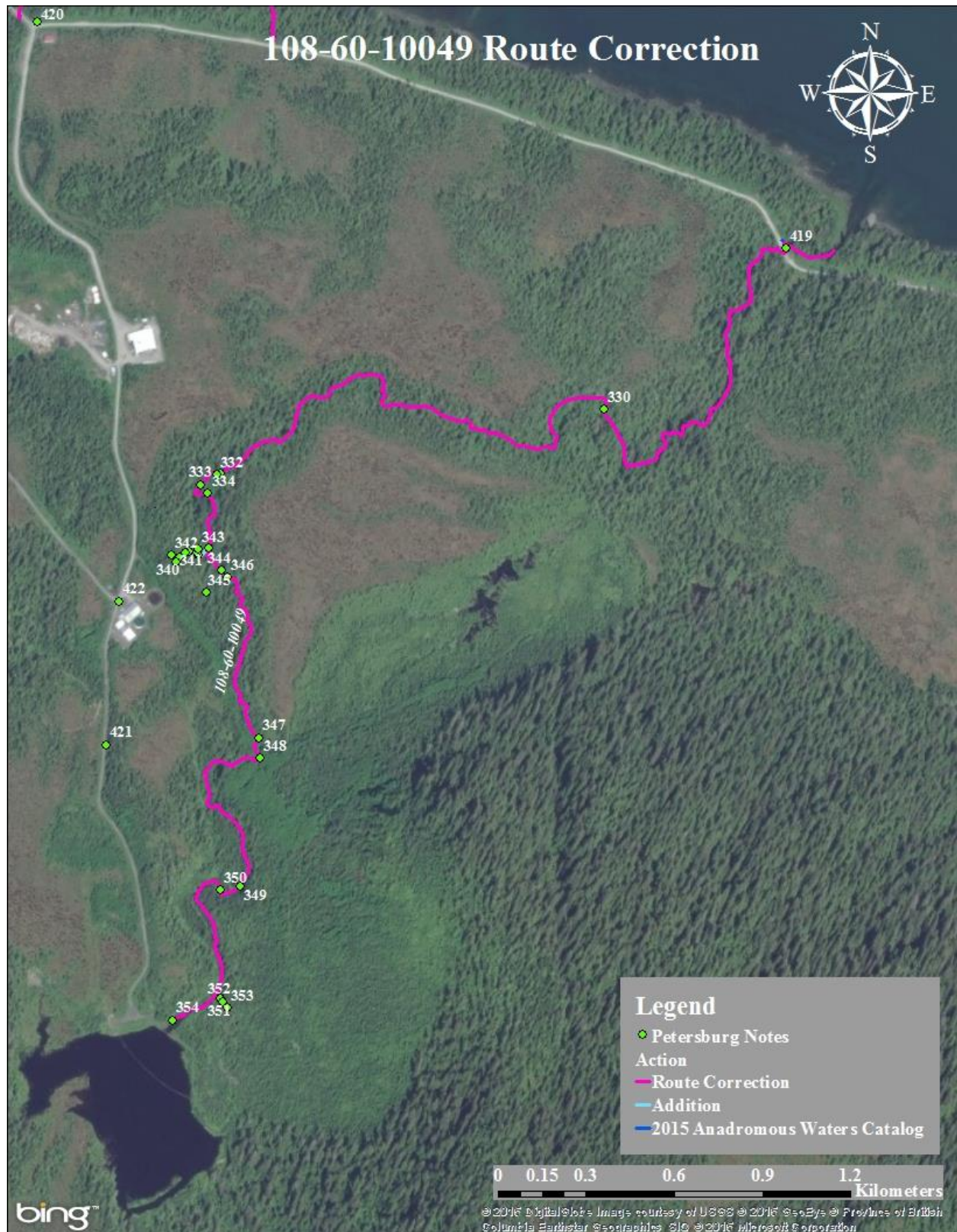


Figure 3.–108-60-10049 route correction map.

108-60-10049-2102**ADDITION****Water body name:****Survey date:** 6/2/2013**Water body number:** 108-60-10049-2102**Species & Lifestage:** CO**Watershed:** Big Creek-Frontal Frederick Sound**MTR:** C058S079E **Quad:** Petersburg D-3**Findings:** We surveyed this tributary to City Creek using backpack electrofisher and a GPS (Table 1). This tributary contained coho salmon and ended in a barrier waterfall.**Recommendations:** Add stream to the AWC (Figure 1).**Nomination:** 13-538

Table 1.—108-60-10049-2102 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|------------------------------------|---------------|------------------|
| 335 | 56.7945 | -132.9126 | Mouth of tributary. | EF | 3 CO, 2 DV, 1 CT |
| 336 | 56.7944 | -132.9130 | Shallow pool. | EF | 2 DV, 1 CO |
| 337 | 56.7944 | -132.9130 | Captured in small series of pools. | EF | 2 DV, 1 CO |
| 338 | 56.7944 | -132.9132 | Long mossy run. | EF | 3 CO |
| 339 | 56.7944 | -132.9134 | | EF | 1 CO |
| 340 | 56.7943 | -132.9135 | 1 CO about 70mm. | EF | 1 CO |
| 341 | 56.7943 | -132.9137 | Possible barrier, fishing above. | | |
| 342 | 56.7944 | -132.9138 | Barrier | EF | No Fish |

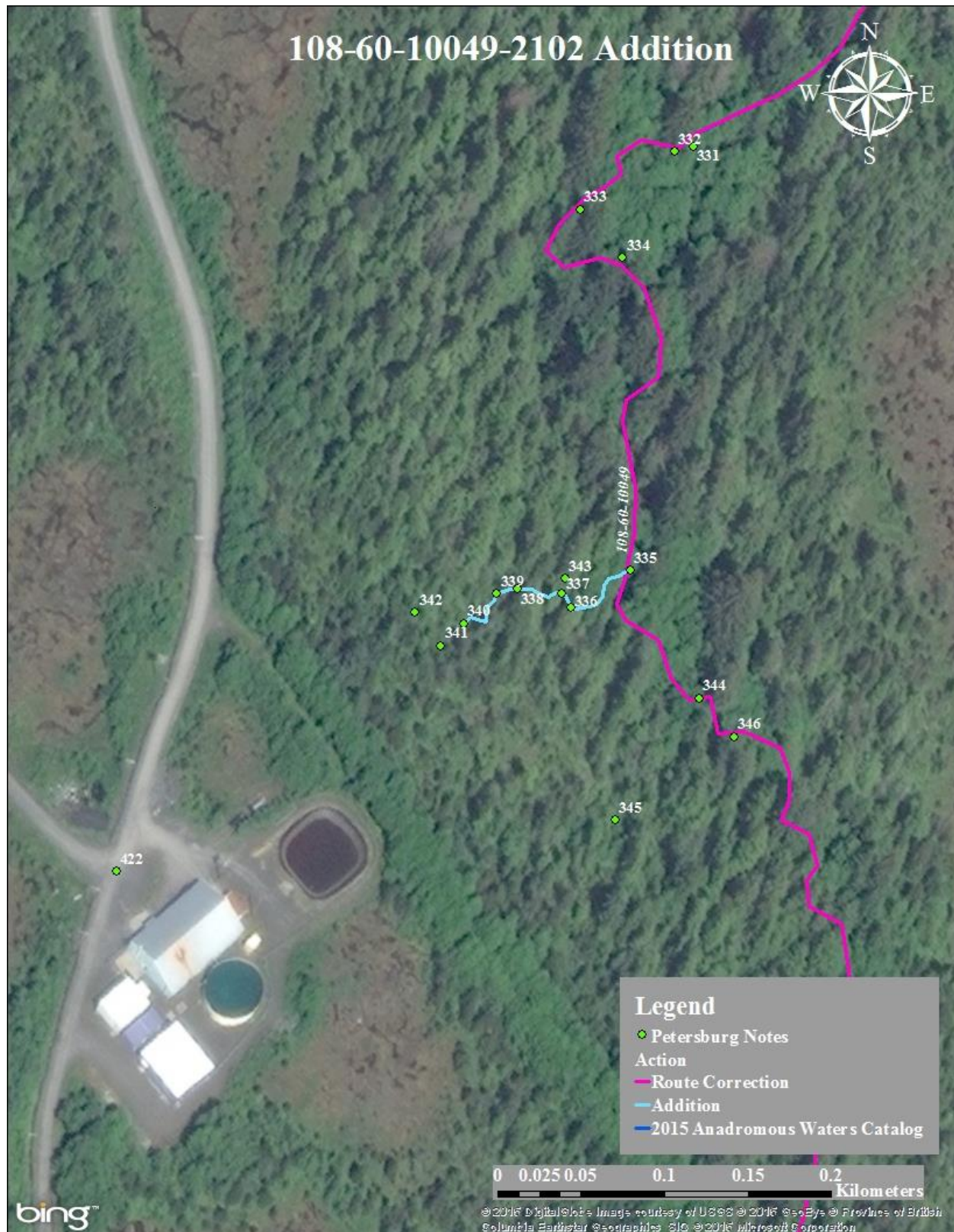


Figure 1.—108-60-10049-2102 addition map.

108-60-10050

CORRECTION

Water body name:

Survey date: 6/1/2013

Water body number: 108-60-10050

Species & Lifestage: COp

Watershed: Big Creek-Frontal Frederick Sound

MTR: C058S079E **Quad:** Petersburg D-3

Findings: We surveyed the lower portion of stream 108-60-10050 with a GPS (Table 1). The water was intermittent and went subterranean several times. We did not sample or track above the culvert.

Recommendations: Update the current route in the AWC (Figure 1).

Nomination: 13-538

Table 1.—108-60-10050 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 311 | 56.8037 | -132.9108 | Starting on Sandy Beach trail. Above the intertidal zone. | | |
| 312 | 56.8030 | -132.9107 | Outlet of culvert. Stream goes subterranean. No fish calling the top. | EF | No Fish |

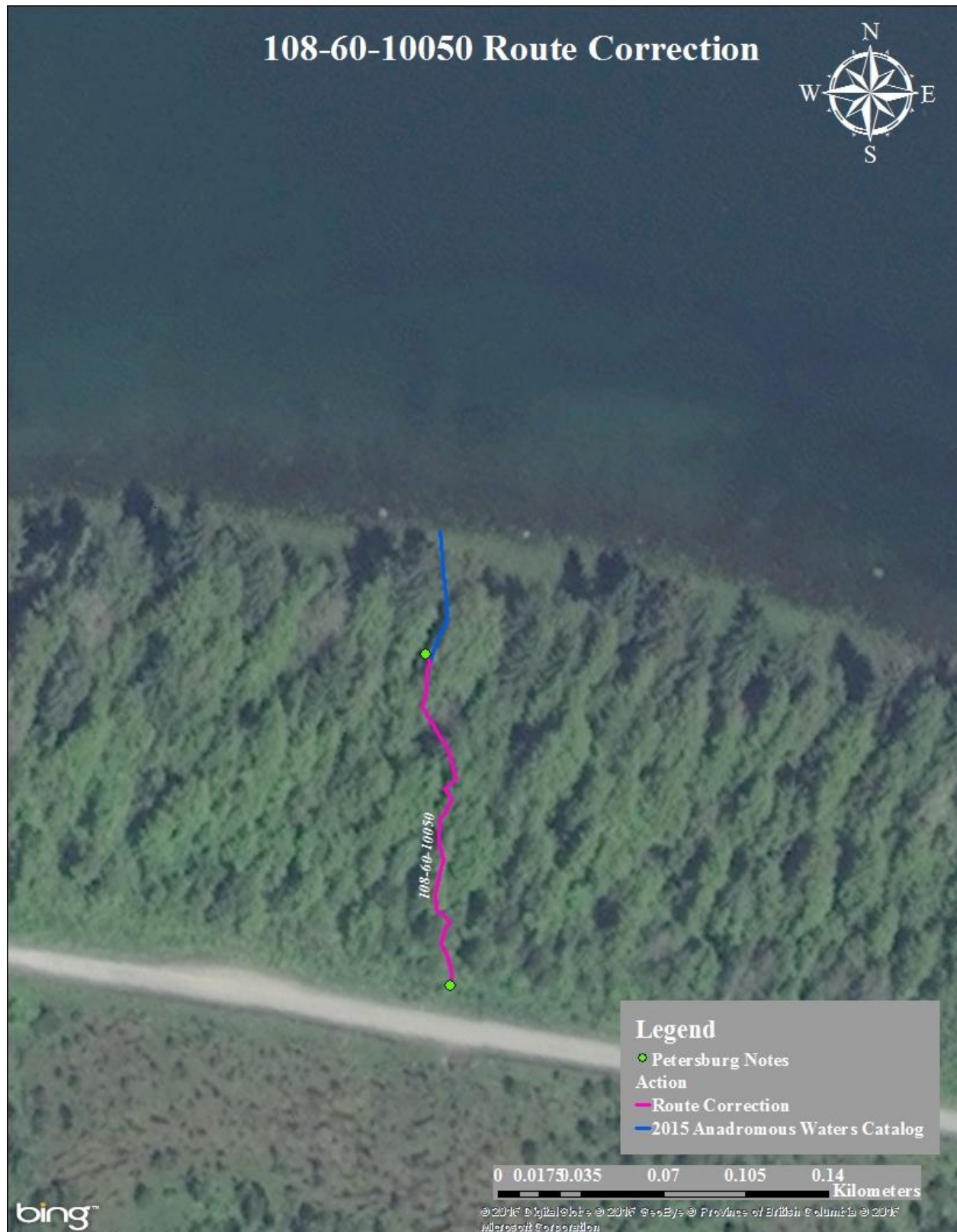


Figure 1.—108-60-10050 route correction map.

108-60-10051**CORRECTION****Water body name:****Survey date:** 5/31/2013**Water body number:** 108-60-10051**Species & Lifestage:** COpr, CTp, DVp**Watershed:** Big Creek-Frontal Frederick Sound**MTR:** C058S079E **Quad:** Petersburg D-3

Findings: We surveyed stream this stream using a backpack electrofisher and a GPS, and found that the route is incorrect in the AWC (Table 1). We found juvenile coho salmon, cutthroat trout, and Dolly Varden char.

Recommendations: Update the route for stream 108-60-10051 in the AWC (Figure 1).

Nomination: 13-529

Table 1.—108-60-10051 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 232 | 56.8043 | -132.9183 | Starting creek down on Sandy Beach. | | |
| 233 | 56.8041 | -132.9183 | Tributary entering on river left. Does not really connect until slightly below mean high tide line. | | |
| 234 | 56.8041 | -132.9183 | | EF | 2 CO |
| 235 | 56.8039 | -132.9183 | | EF | 1 DV, 2 CO |
| 236 | 56.8039 | -132.9184 | | EF | 2 CT |
| 237 | 56.8037 | -132.9182 | | EF | 1 CT |
| 238 | 56.8035 | -132.9184 | Outlet of culvert. Pool waist deep and ~ 1.5 ft. perch. Fish can make jump. | EF | 6 CT |
| 239 | 56.8034 | -132.9184 | Inlet of culvert. | | |
| 240 | 56.8032 | -132.9184 | | EF | 1 DV |
| 241 | 56.8029 | -132.9187 | | EF | 1 CT |
| 242 | 56.8028 | -132.9189 | | EF | 1 DV |
| 243 | 56.8026 | -132.9190 | | EF | 1 DV, 1 CT |
| 244 | 56.8025 | -132.9191 | Electrofished 1 CT ~ 9 inches. | EF | 1 CT |
| 245 | 56.8021 | -132.9193 | | EF | 1 DV, 1 CT |
| 246 | 56.8018 | -132.9201 | | EF | 1 DV |
| 247 | 56.8017 | -132.9206 | | EF | 2 CT |
| 248 | 56.8002 | -132.9222 | | EF | 2 CT |
| 249 | 56.8001 | -132.9223 | Tributary entering river left. Pond here at the confluence. | | |
| 250 | 56.8001 | -132.9223 | | EF | 1 DV |
| 251 | 56.7995 | -132.9220 | | EF | 1 CT |
| 252 | 56.7989 | -132.9220 | | EF | 1 DV |
| 253 | 56.7982 | -132.9208 | | EF | 1 CT |
| 254 | 56.7975 | -132.9189 | Stopping for the day. | EF | 3 DV |

Table 1.—Continued.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 255 | 56.8054 | -132.9667 | Culvert outlet. Set minnow traps above and below culvert. | MT | 3 DV, 1 CT |
| 259 | 56.8002 | -132.9224 | Mouth of tributary entering on river left. | EF | 1 DV |
| 260 | 56.7947 | -132.9171 | Culvert outlet. Tracking down to last point. | | |
| 261 | 56.7947 | -132.9170 | | EF | 1 DV |

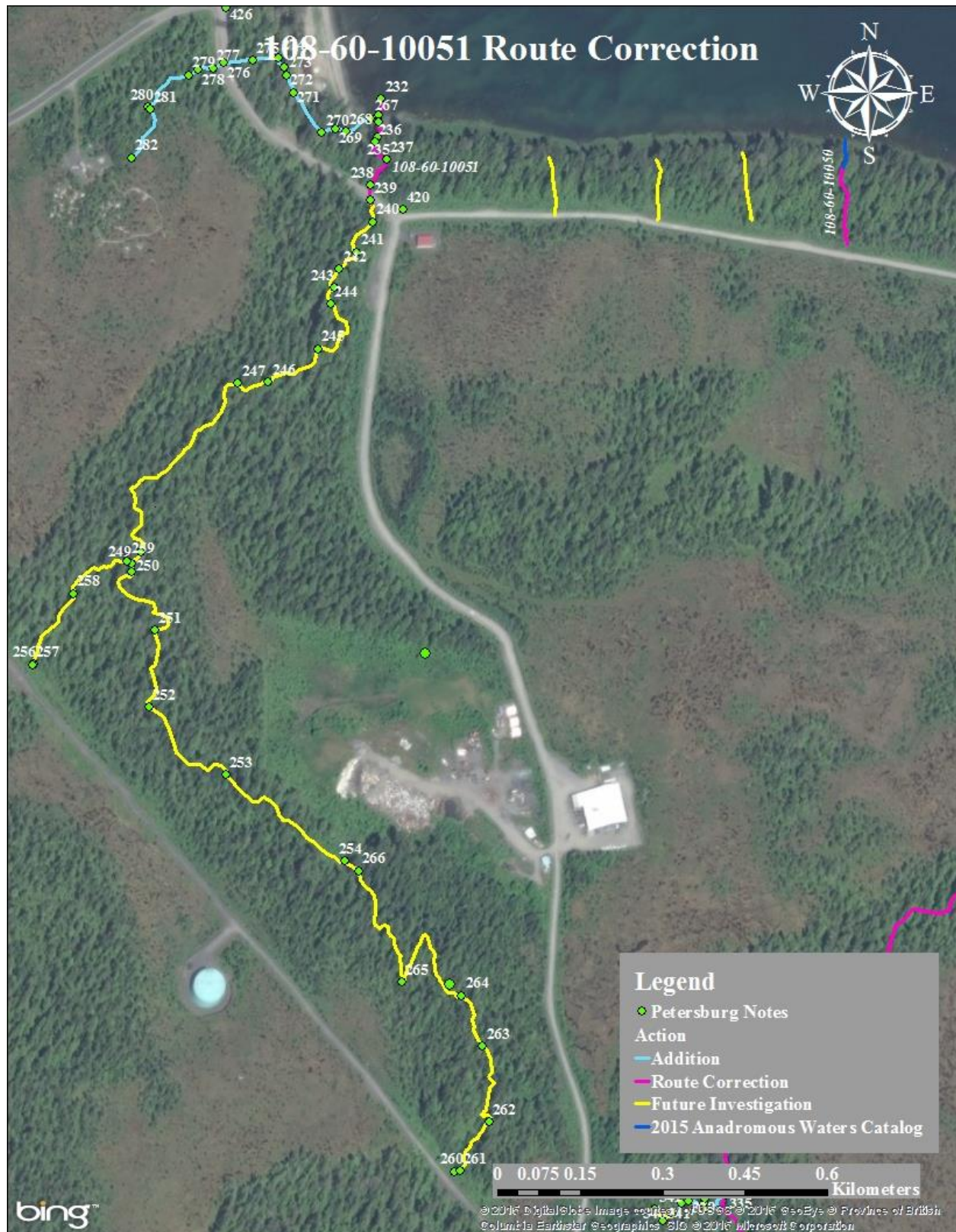


Figure 1.–108-60-10051 route correction map.

108-60-10051-2004**ADDITION****Water body name:****Survey date:** 5/31/2013**Water body number:** 108-60-10051-2004**Species & Lifestage:** COpr, DVp**Watershed:** Big Creek-Frontal Frederick Sound**MTR:** C058S079E **Quad:** Petersburg D-3

Findings: This stream appears to be stream 108-60-10052 in the AWC (AWC) which we found to be a tributary to stream 108-60-10051 (Table 1). The AWC shows streams 108-60-10052 and 108-60-10051 as independent streams, we surveyed area and did not find any other possibilities for stream 108-60-10052. This stream ended subsurface.

Recommendations: Update the route for stream 108-60-10052 in the AWC (Figure 1).

Nomination: 13-528

Table 1.—108-60-10051-2004 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 233 | 56.8041 | -132.9183 | Tributary entering on river left. Does not really connect until slightly below mean high tide line. | | |
| 267 | 56.8041 | -132.9184 | Tributary entering river left near intertidal. | | |
| 268 | 56.8040 | -132.9188 | Foot bridge across stream. | EF | 1 DV |
| 269 | 56.8040 | -132.9190 | Culvert under vehicle access to Sandy Beach Park. | | |
| 270 | 56.8040 | -132.9192 | Culvert inlet. | | |
| 271 | 56.8043 | -132.9197 | Foot bridge across stream. | | |
| 272 | 56.8045 | -132.9198 | | EF | 1 DV |
| 273 | 56.8046 | -132.9198 | | EF | 2 CO |
| 274 | 56.8047 | -132.9199 | Foot bridge across stream. | EF | 3 CO |
| 275 | 56.8046 | -132.9204 | Culvert outlet. | EF | 1 DV |
| 276 | 56.8046 | -132.9208 | Culvert inlet. | EF | 1 DV |
| 277 | 56.8046 | -132.9210 | | EF | 1 CO |
| 278 | 56.8045 | -132.9213 | Going in and out of subsurface. | EF | 1 DV |
| 279 | 56.8045 | -132.9214 | | EF | 1 CT |
| 280 | 56.8042 | -132.9221 | Top of creek, goes subterranean. | | |
| 281 | 56.8042 | -132.9220 | Hidden tributary enters river right. | | |
| 282 | 56.8038 | -132.9223 | Calling it here. Water is draining from a muskeg and water bouncing between subterranean and surface. EF whole length of tributary and got nothing. | EF | No Fish |



Figure 1.—108-60-10051-2004 addition map.

108-60-10052

DELETION

Water body name:

Survey date: 5/31/2013

Water body number: 108-60-10052

Species & Lifestage: COp, DVp

Watershed: Big Creek-Frontal Frederick Sound

MTR: C058S079E **Quad:** Petersburg D-3

Findings: This stream appears to be stream 108-60-10052 in the AWC, which we found to be a tributary to stream 108-60-10051. The AWC shows streams 108-60-10052 and 108-60-10051 as independent streams, we surveyed the area and did not find any other possibilities for stream 108-60-10052.

Recommendations: Delete stream number 108-60-10052 from the AWC (Figure 1).

Nomination: 13-528

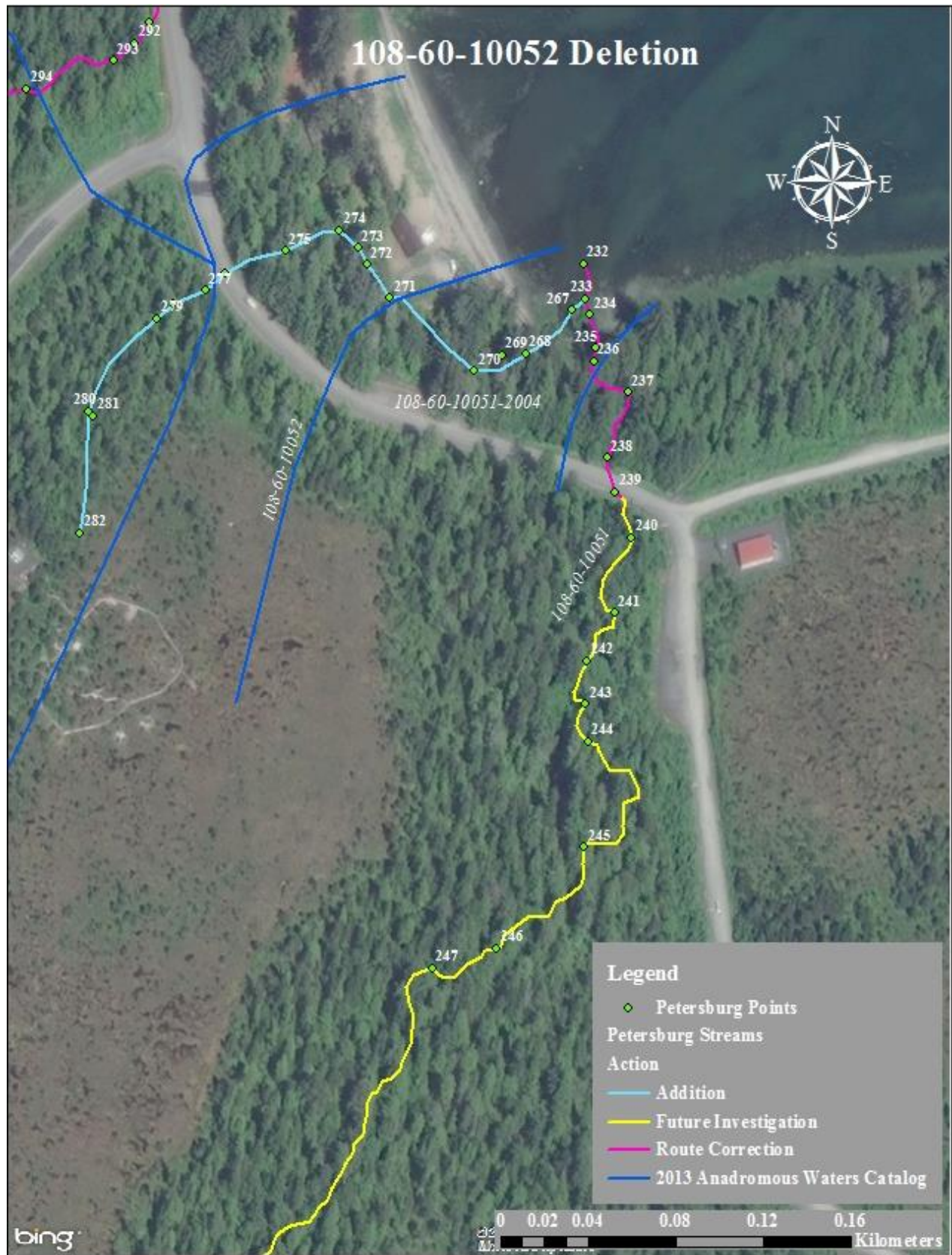


Figure 1.—108-60-10052 deletion map.

108-60-10053**CORRECTION****Water body name:****Survey date:** 5/31/2013**Water body number:** 108-60-10053**Species & Lifestage:** CO**Watershed:** Big Creek-Frontal Frederick Sound**MTR:** C058S079E **Quad:** Petersburg D-3

Findings: We surveyed stream 108-60-10053 using a backpack electrofisher and a GPS (Table 1). We found the route differs from the 2013 AWC. This stream flows through the Petersburg airport, which we were unable to sample because of a fence, then continues through a muskeg, then through a forest down to Sandy Beach. The lower portion of the stream flows under a house that is built on stilts.

Recommendations: Update the current route in the AWC (Figure 1).

Nomination: 13-531

Table 1.–108-60-10053 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|--|---------------|----------------|
| 283 | 56.8061 | -132.9190 | Second stream on Sandy beach, mouth of stream. House is built over the stream. | | |
| 284 | 56.8060 | -132.9204 | Outlet of culvert that is under a personal driveway. | | |
| 285 | 56.8060 | -132.9204 | Inlet of culvert. | | |
| 286 | 56.8060 | -132.9205 | Outlet of culvert that goes under road. Fish captured near the mouth of culvert. | EF | 2 CO |
| 287 | 56.8059 | -132.9206 | Inlet of culvert. There is water coming in from the right and left of culvert from 90 degrees from mouth of culvert. | | |
| 290 | 56.8057 | -132.9208 | | EF | 2 CO |
| 291 | 56.8056 | -132.9209 | | EF | 2 CO |
| 292 | 56.8056 | -132.9211 | | EF | 2 DV, 1 CO |
| 293 | 56.8055 | -132.9213 | | EF | 2 CO |
| 294 | 56.8055 | -132.9219 | | EF | 1 CO |
| 295 | 56.8056 | -132.9228 | | EF | 1 DV |
| 296 | 56.8057 | -132.9231 | | EF | 1 CO |
| 297 | 56.8058 | -132.9238 | | EF | 1 CO |
| 298 | 56.8059 | -132.9241 | | EF | 1 DV |
| 299 | 56.8059 | -132.9255 | Culvert under a access road. The water not flowing over rocks, but under. | | |
| 300 | 56.8056 | -132.9292 | From WPT 299 to 300 got nothing with EF. Culvert under road. Water able to flow through this culvert. | EF | No Fish |

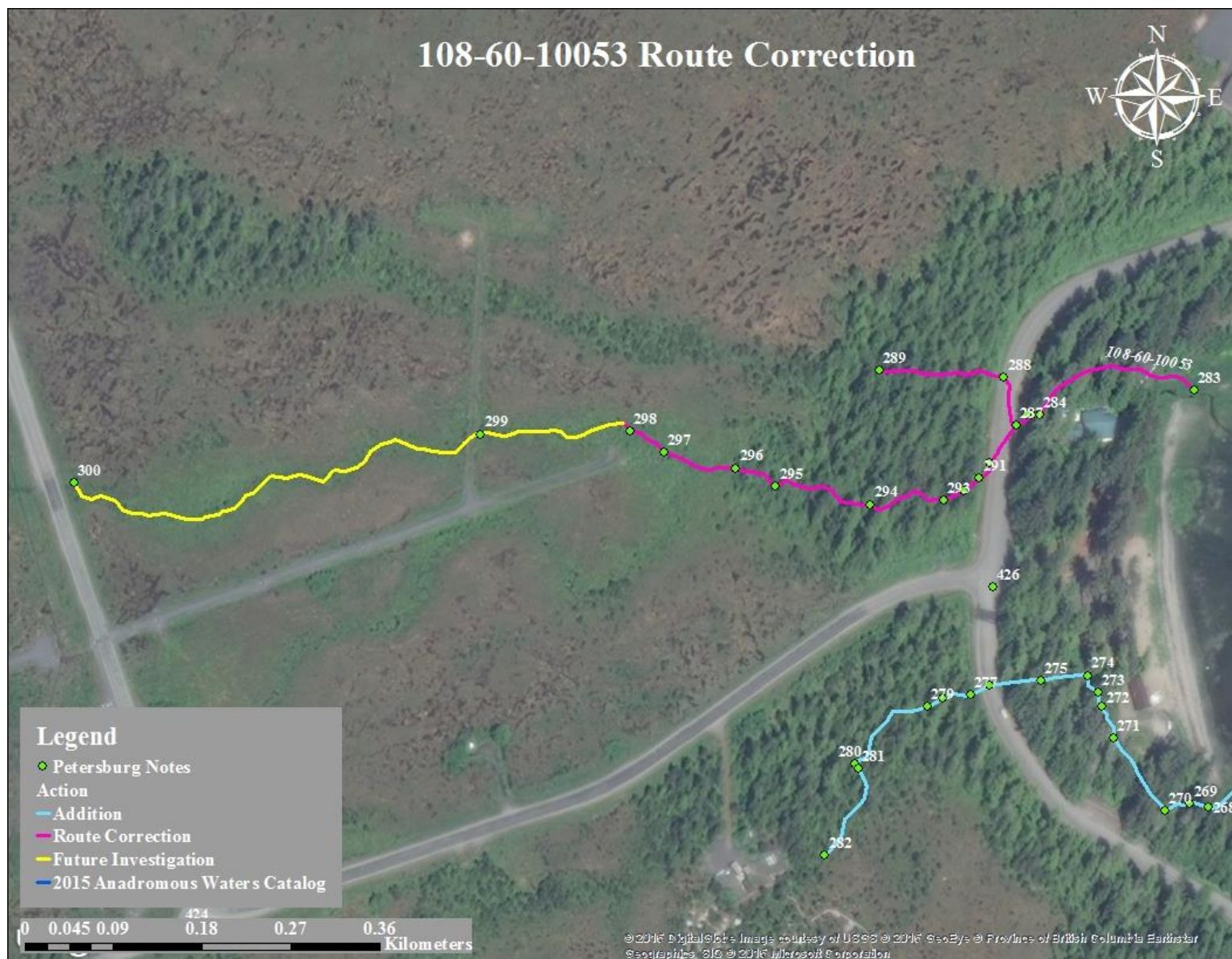


Figure 1.—108-60-10053 route correction map.

Petersburg

108-60-10053-2006**CORRECTION****Water body name:****Survey date:** 5/31/2013**Water body number:** 108-60-10053-2006**Species & Lifestage:** CO**Watershed:** Big Creek-Frontal Frederick Sound**MTR:** C058S079E **Quad:** Petersburg D-3

Findings: This stream is a tributary to stream 108-60-10053. We tracked this stream to its headwater where it was seeping out of the ground (Table 1). The current track for this stream has the stream extending past where we found no more water. It is a possibility if there was more rain the stream might continue further up.

Recommendations: Update the current route in the AWC (Figure 1).

Nomination: 13-534

Table 1.–108-60-10053-2006 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|--|---------------|----------------|
| 287 | 56.8059 | -132.9206 | Upstream side of culvert. There is water coming in from the right and left of culvert from 90 degrees from mouth of culvert. | | |
| 288 | 56.8061 | -132.9207 | | EF | 1 DV |
| 289 | 56.8062 | -132.9218 | Top of stream. Water is just coming up out of the ground. | | |

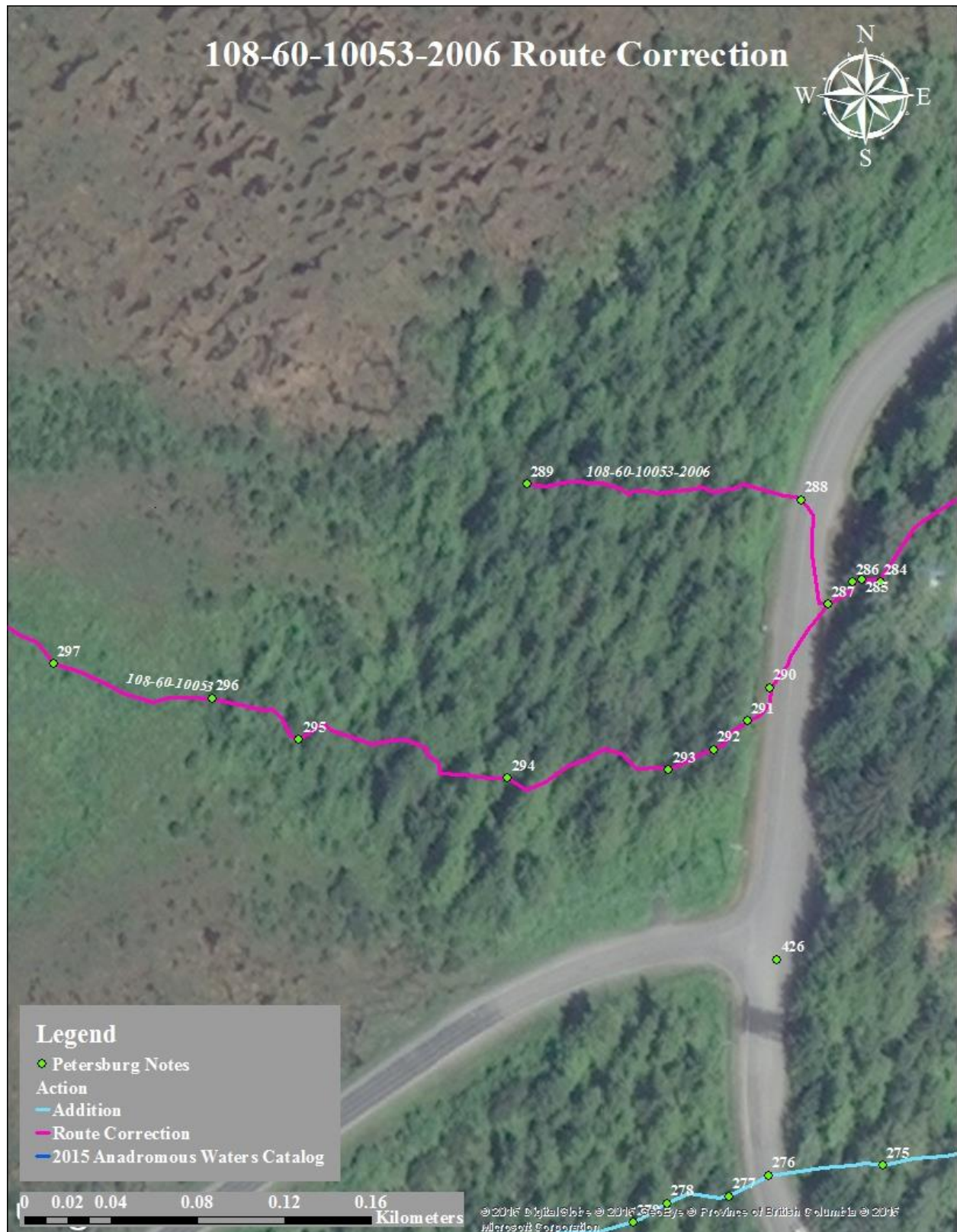


Figure 1.—108-60-10053-2006 route correction map.

Petersburg

108-60-10055**CORRECTION****Water body name:****Survey date:** 6/15/2013**Water body number:** 108-60-10055**Species & Lifestage:** COp, CTp**Watershed:** Big Creek-Frontal Frederick Sound**MTR:** C058S079E **Quad:** Petersburg D-3**Findings:** We surveyed this stream using a GPS to correct the current route in the AWC (Table 1). We found that the stream is not a straight line like what is currently shown in the AWC.**Recommendations:** Update the current route in the AWC (Figure 1).**Nomination:** 13-583

Table 1.—108-60-10055 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|--|---------------|----------------|
| 552 | 56.8068 | -132.9355 | Beginning at airport, intermittent pooling. | | |
| 553 | 56.8126 | -132.9232 | End of stream at road. | | |

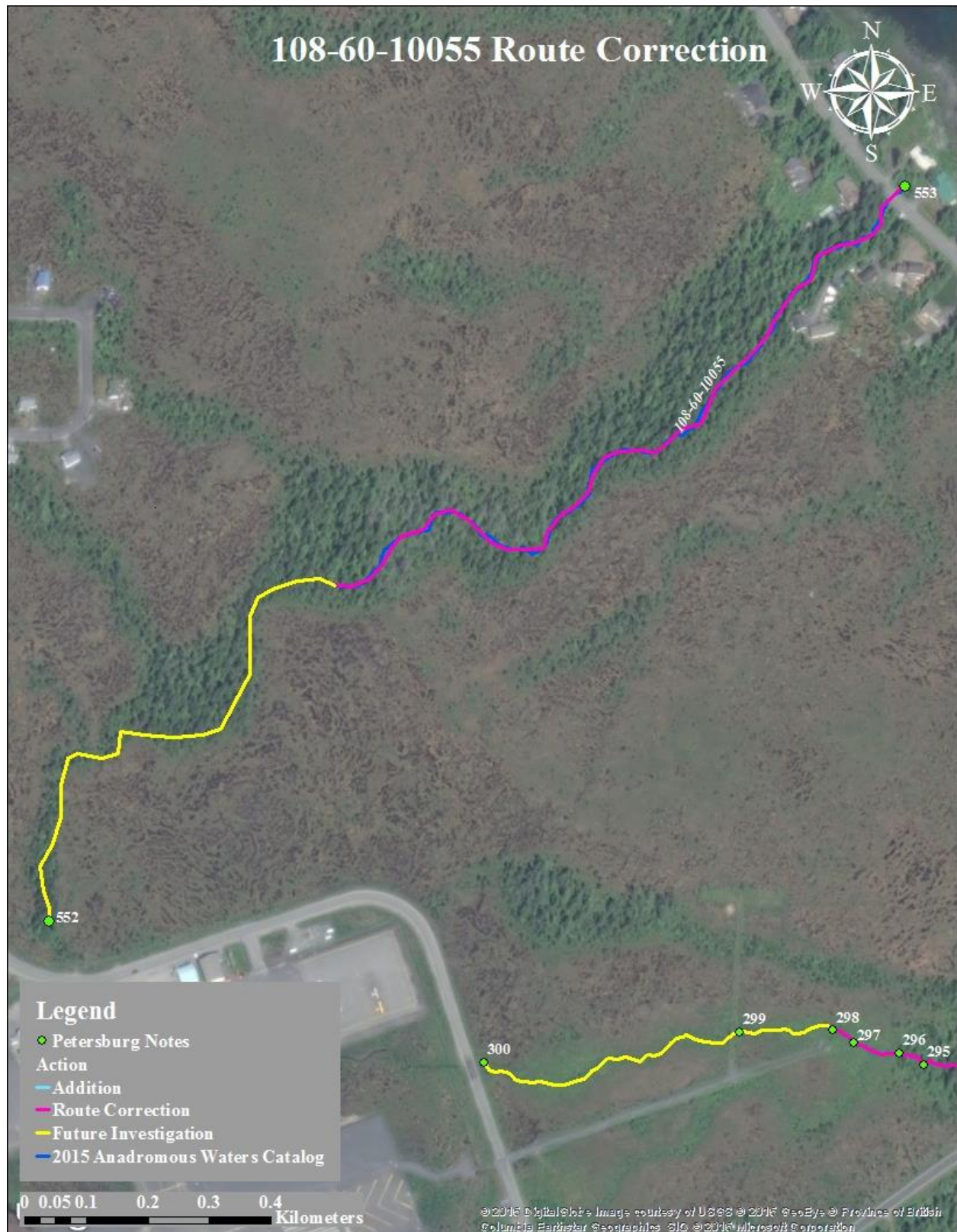


Figure 1.–108-60-10055 route correction map.

Petersburg

MITKOF HIGHWAY 4**ADDITION****Water body name:****Survey date:** 5/20/2013**Water body number:****Species & Lifestage:****Watershed:** Stikine River-Frontal Stikine Strait**MTR:** C061S082E **Quad:** Petersburg C-2

Findings: We surveyed this stream using a backpack electrofisher and a GPS (Table 1). We captured 1 coho salmon in the lower section of the stream, Dolly Varden char, rainbow trout and sculpin. There are double culverts under the Mitkof Highway with a 3 ft. perch and a 4 ft. deep jump pool (Figure 1). We surveyed upstream and came to a 50 ft. waterfall and caught Dolly Varden (Figure 2).

Recommendations: Add stream to AWC (Figure 3).**Nomination:** 13-542, Not Accepted, not enough coho captured.

Table 1.–Mitkof Highway 4 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|--|---------------|----------------|
| 133 | 56.5652 | -132.5977 | Mouth of stream just above intertidal zone. | | |
| 134 | 56.5654 | -132.5981 | 1 DV about 50mm and 3 SC | EF | 1 DV, 3 SC |
| 135 | 56.5655 | -132.5983 | 1 CO about 100 mm. | EF | 1 CO |
| 136 | 56.5657 | -132.5984 | At outlet of double culvert there is a 4 ft. deep pool at the base. Both culverts are perched. 1 RT about 120mm. | EF | 1 RT |
| 137 | 56.5658 | -132.5984 | Inlet double culverts. The culverts are at an angle and have a small drop at inlet. | | |
| 138 | 56.5659 | -132.5985 | 3 DV about 50mm. | EF | 3 DV |
| 139 | 56.5660 | -132.5985 | 1 DV about 70mm. | EF | 1 DV |
| 140 | 56.5661 | -132.5986 | Base of high gradient bedrock section. 7 DV between 50-75mm. | EF | 7 DV |
| 141 | 56.5664 | -132.5986 | Boulder/cobble substrate, steep gradient, and high velocity. Cascade and pools. 1 DV about 50mm. | EF | 1 DV |
| 142 | 56.5668 | -132.5986 | | EF | 4 DV |
| 143 | 56.5669 | -132.5986 | | EF | 3 DV |
| 144 | 56.5671 | -132.5989 | | EF | 2 DV |
| 145 | 56.5671 | -132.5991 | | EF | 2 DV |
| 146 | 56.5672 | -132.5993 | Base of potential gradient barrier. Large deep pool at the base of an old culvert piled at the top. Some of the culvert has unraveled. | | |
| 147 | 56.5674 | -132.5998 | Barrier. ~ 50 ft. waterfall. | | |



Figure 1.—Mitkof Highway 4 perched double culverts.



Figure 2.—Waterfall barrier on Mitkof Highway 4.

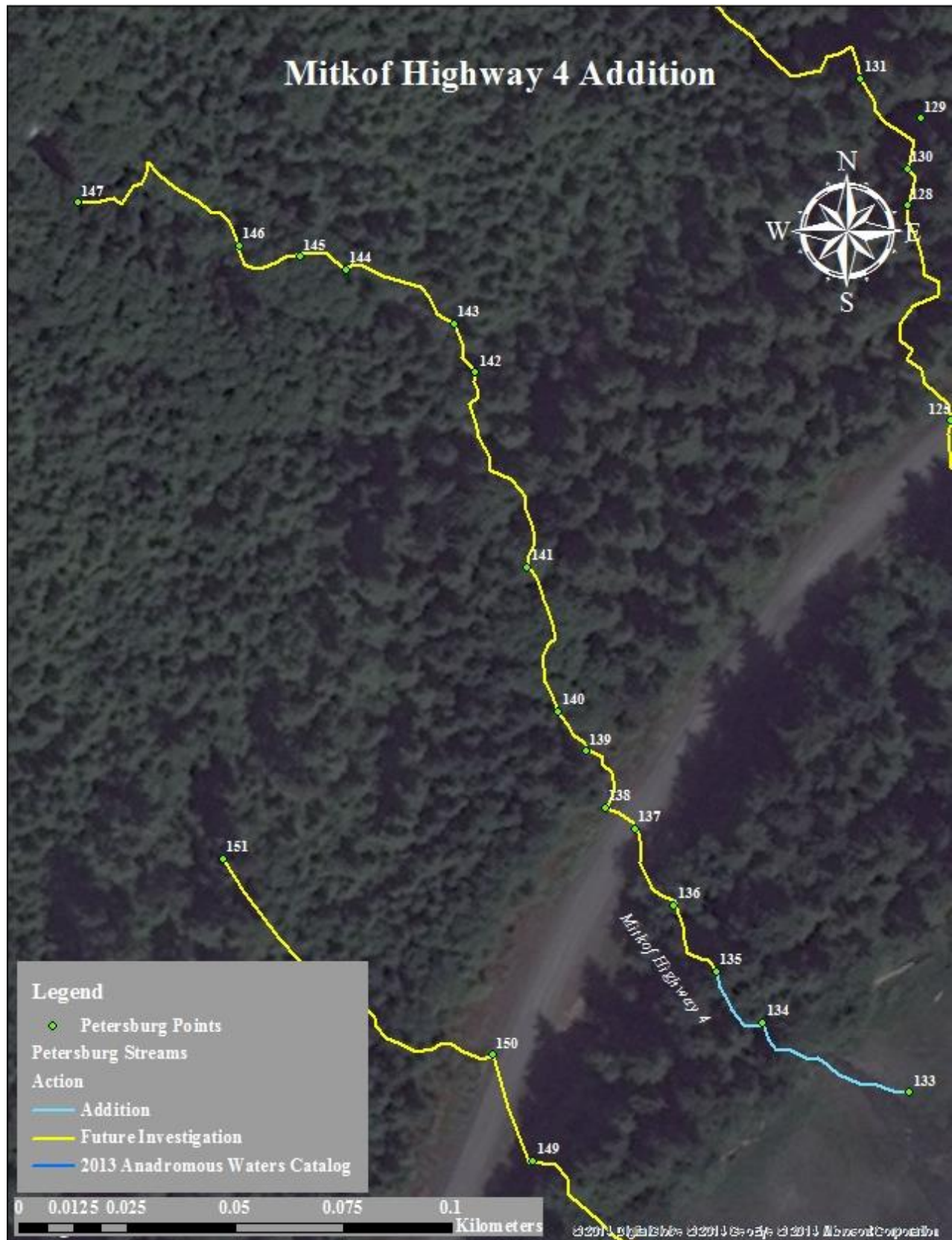


Figure 3.—Mitkof Highway 4 addition map.

Petersburg

Petersburg

106-44-10042

ADDITION

Water body name:

Survey date: 6/28/2013

Water body number: 106-44-10042

Species & Lifestage: CO

Watershed: Petersburg Creek-Frontal Wrangell Narrows

MTR: C059S079E **Quad:** Petersburg C-3

Findings: We surveyed this stream along the Mitkof Highway with a minnow trap, a backpack electrofisher, and a GPS (Table 1). The downstream side of the culvert under the highway is perched about 1.5' which probably prevents fish passage at low flows (Figure 1). We caught coho salmon in the pool below the culvert.

Recommendations: Add stream to AWC (Figure 2).

Nomination: 14-575

Table 1.—106-44-10042 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|--|---------------|----------------|
| 798 | 56.7179 | -132.9308 | Intertidal zone. | | |
| 797 | 56.7181 | -132.9303 | 3 CO about 35mm. | EF | 3 CO |
| 796 | 56.7181 | -132.9300 | | EF | 2 DV |
| 795 | 56.7181 | -132.9299 | Outlet of culvert under Mitkof Highway, the culvert is perched ~ 1.5 ft. Large rock just below culvert might block fish passage. We set a minnow trap in the pool below the culvert. | EF and MT | 22 DV, 5 CO |



Figure 1.—Outlet of culvert perched 1.5'.

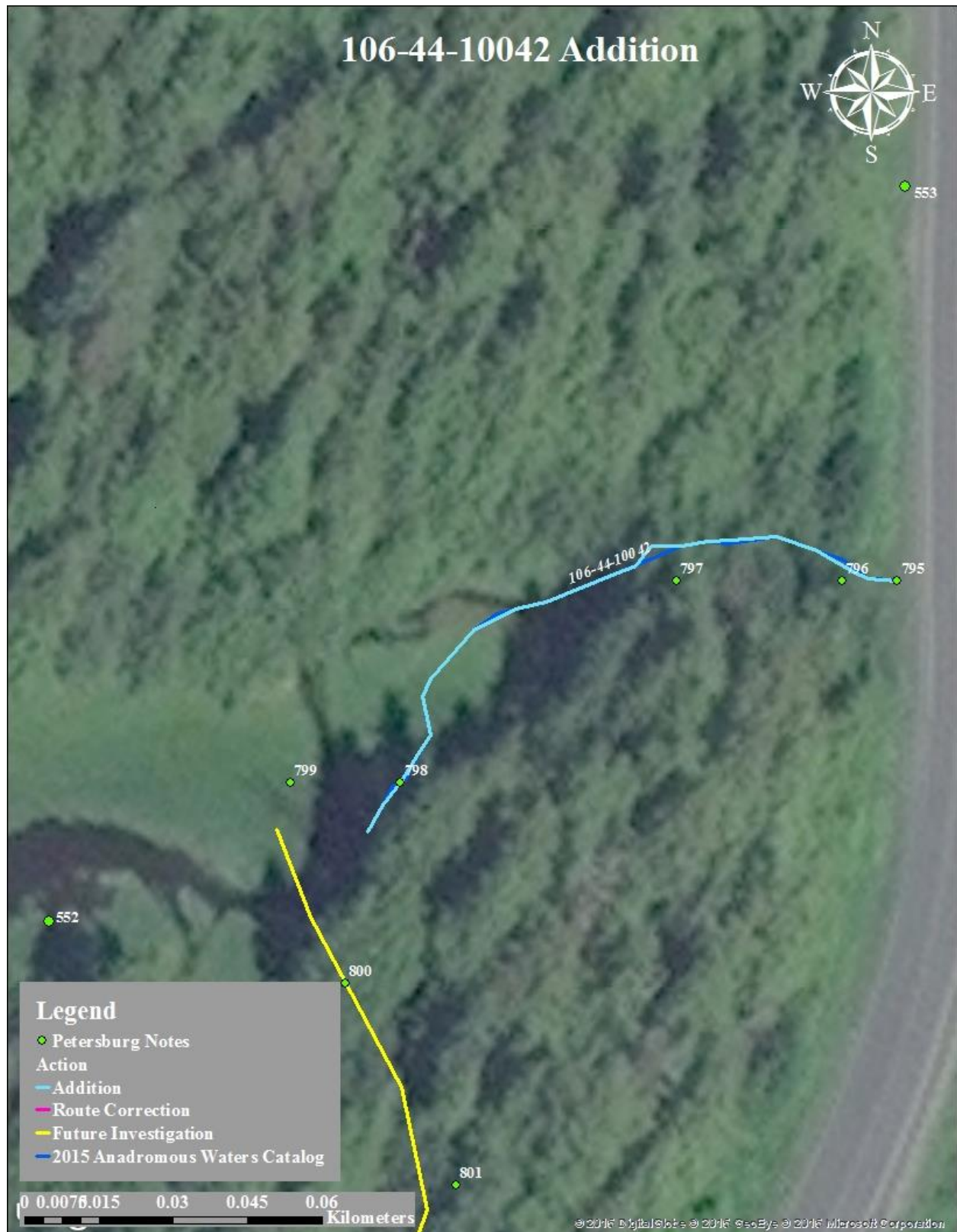


Figure 2.—106-44-10042 addition map.

Petersburg

106-44-10029**ADDITION****Water body name:****Survey date:** 7/27/2013**Water body number:** 106-44-10029**Species & Lifestage:** CO**Watershed:** Petersburg Creek-Frontal Wrangell Narrows**MTR:** C059S079E **Quad:** Petersburg D-3

Findings: We surveyed this stream and caught coho salmon using a backpack electrofisher and a GPS (Table 1). Water is draining off Mitkof Highway and seeping from mountainside and draining into Wrangell Narrows. We ended the survey at the top of water that was present in the roadside ditch.

Recommendations: Add stream to AWC (Figure 1).

Nomination: 14-563

Table 1.–106-44-10029 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|--|---------------|----------------|
| 254 | 56.7460 | -132.9426 | Mouth of stream into Narrows. | EF | No Fish |
| 255 | 56.7460 | -132.9425 | | EF | 2 CO |
| 256 | 56.7461 | -132.9423 | Outlet of culvert perched about 1.5 ft. | | |
| 257 | 56.7461 | -132.9420 | Inlet of culvert, drainage for ditch and water off hillside. | EF | No Fish |



Figure 1.—106-44-10029 addition map.

Petersburg

106-44-10025**ADDITION****Water body name:****Survey date:** 7/29/2013**Water body number:** 106-44-10025**Species & Lifestage:** COr**Watershed:** Petersburg Creek-Frontal Wrangell Narrows**MTR:** C059S079E **Quad:** Petersburg D-3

Findings: We surveyed this stream and caught coho salmon using a backpack electrofisher and a GPS (Table 1). Started survey at outlet of culvert under Mitkof Highway and ended survey where stream connects with the Wrangell Narrows near the Beachcomber Inn.

Recommendations: Add stream to AWC (Figure 1).

Nomination: 14-564

Table 1.—106-44-10025 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---|---------------|----------------|
| 326 | 56.7690 | -132.9628 | End on beach near Beachcomber Inn. | | |
| 325 | 56.7690 | -132.9621 | Captured 2 CO about 40mm in small pool near tideline. | EF | 2 CO |
| 324 | 56.7690 | -132.9619 | Below another debris cascade captured 1 DV about 50mm and 2 SC. | EF | 1 DV, 2 SC |
| 323 | 56.7690 | -132.9618 | Below small debris cascade, 1 DV about 75mm. | EF | 1 DV |
| 322 | 56.7690 | -132.9617 | In deep pool at base of two trees captured 1 DV about 60mm. | EF | 1 DV |
| 321 | 56.7690 | -132.9616 | Outlet of very perched pipe pouring over jumbled boulders. | | |



Figure 1.—106-44-10025 addition map.

Petersburg

106-44-10013**ADDITION****Water body name:****Survey date:** 7/12/2013**Water body number:** 106-44-10013**Species & Lifestage:** CO**Watershed:** Petersburg Creek-Frontal Wrangell Narrows**MTR:** C058S078E **Quad:** Petersburg D-3

Findings: We surveyed a stream that crossed Nordic Drive using a backpack electrofisher and GPS (Table 1). We captured coho salmon and Dolly Varden char. The stream flowed from Nordic Drive and ended behind residential homes on Queen Street. We ended the survey at the top of existing water.

Recommendations: Add stream to AWC (Figure 1).

Nomination: 14-565

Table 1.–106-44-10013 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|--------------------------------------|---------------|----------------|
| 35 | 56.8074 | -132.9653 | Inlet of culvert under Nordic Drive. | | |
| 36 | 56.8072 | -132.9650 | | EF | 2 CO, 1 DV |
| 37 | 56.8063 | -132.9643 | | EF | 1 DV, 2 CO |
| 38 | 56.8062 | -132.9642 | | EF | 1 DV, 2 CO |
| 39 | 56.8060 | -132.9641 | Top, no more water. | | |

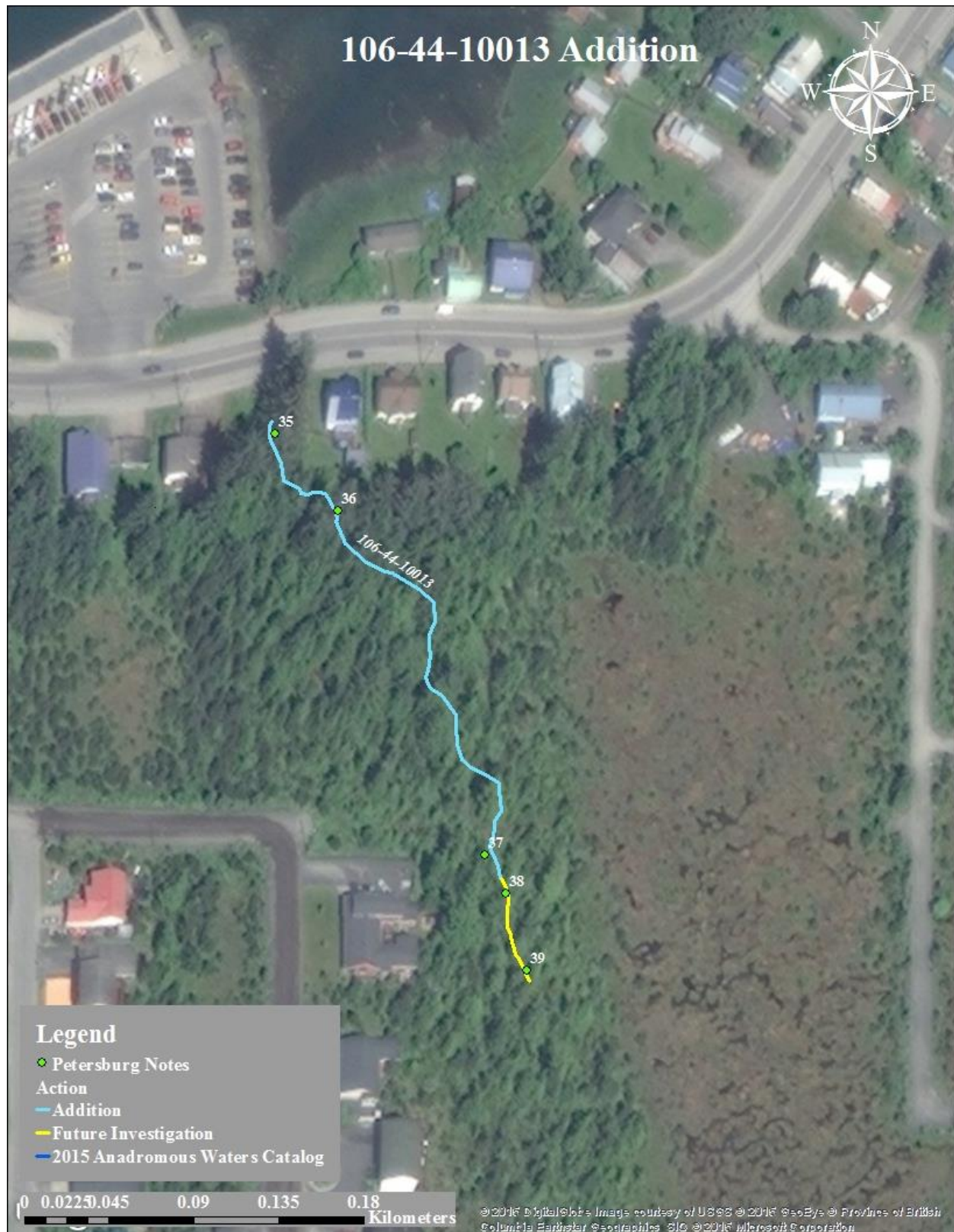


Figure 1.—106-44-10013 addition map.

Petersburg

108-30-10300

ADDITION

Water body name:

Survey date: 7/14/2013

Water body number: 108-30-10300

Species & Lifestage: CO

Watershed: Ohmer Creek-Frontal Sumner Strait

MTR: C062S081E **Quad:** Petersburg C-3

Findings: We surveyed a stream that crossed Woodpecker Cove Road using a backpack electrofisher and a GPS (Table 1). The culvert under Woodpecker Cove Road is perched about 10" and rusting out (Figure 1). We captured coho salmon (Figure 2). We ended the survey where stream enters Woodpecker Cove.

Recommendations: Add stream to AWC (Figure 3).

Nomination: 14-567

Table 1.—108-30-10300 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|---------------------------------------|---------------|----------------|
| 84 | 56.5007 | -132.8178 | Mouth of stream into Woodpecker Cove. | | |
| 73 | 56.5010 | -132.8172 | Tributary entering on river left. | | |
| 72 | 56.5013 | -132.8172 | | EF | 1 CO |
| 71 | 56.5014 | -132.8168 | | EF, VI | 2 CO, 1 CO |



Figure 1.—Culvert outlet under Woodpecker Cove Road.



Figure 2.—Rearing coho salmon that was captured.

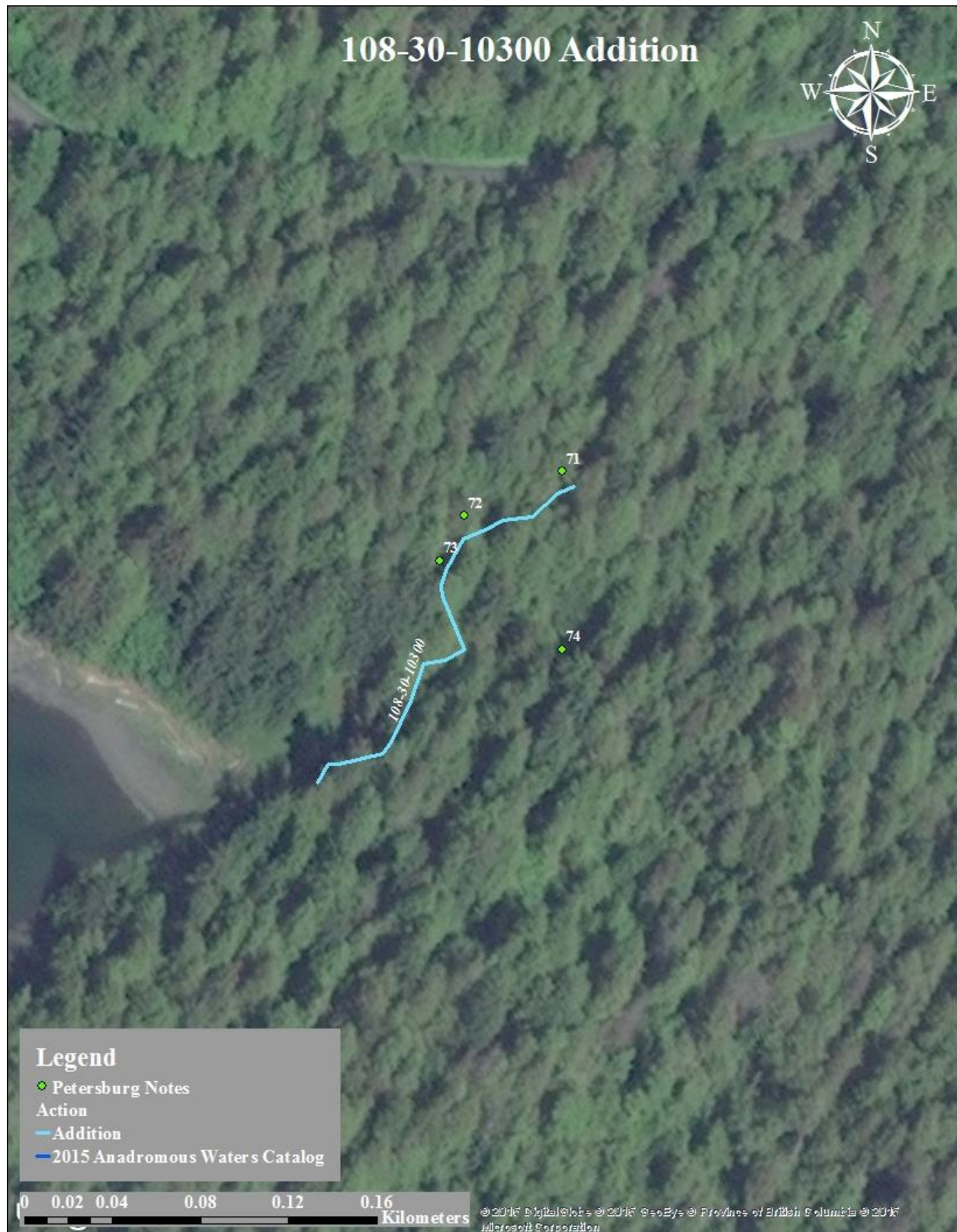


Figure 3.—108-30-10300 addition map.

Petersburg

108-30-10340

ADDITION

Water body name:

Survey date: 7/14/2013

Water body number: 108-30-10340

Species & Lifestage: CO

Watershed: Ohmer Creek-Frontal Sumner Strait

MTR: C062S081E **Quad:** Petersburg C-3

Findings: We surveyed this stream from where it crosses Woodpecker Cove Road (Table 1). We did not capture any fish until we were below a 20' waterfall (Figure 1). We caught coho salmon and cutthroat trout. We ended the survey where stream enters the ocean.

Recommendations: Add stream to AWC (Figure 2).

Nomination: 14-568

Table 1.—108-30-10340 survey data.

| Waypoint | Latitude | Longitude | Notes | Sample Effort | Sample Results |
|----------|----------|-----------|--|---------------|----------------|
| 83 | 56.5008 | -132.7928 | Mouth of stream into ocean. Made of fair size rocks with sharp edges and bedrock. Would not think that this stream is very good spawning habitat at this time. | | |
| 82 | 56.5009 | -132.7930 | Young of year. | EF | 3 CO |
| 81 | 56.5014 | -132.7935 | Young of year. | EF | 2 CO |
| 80 | 56.5031 | -132.7930 | Waterfall that is about 20'. Explains why we got no fish while electrofishing down from the road. have not gotten any fish. Captured cutthroat trout about 14cm. | EF | 2 CT |

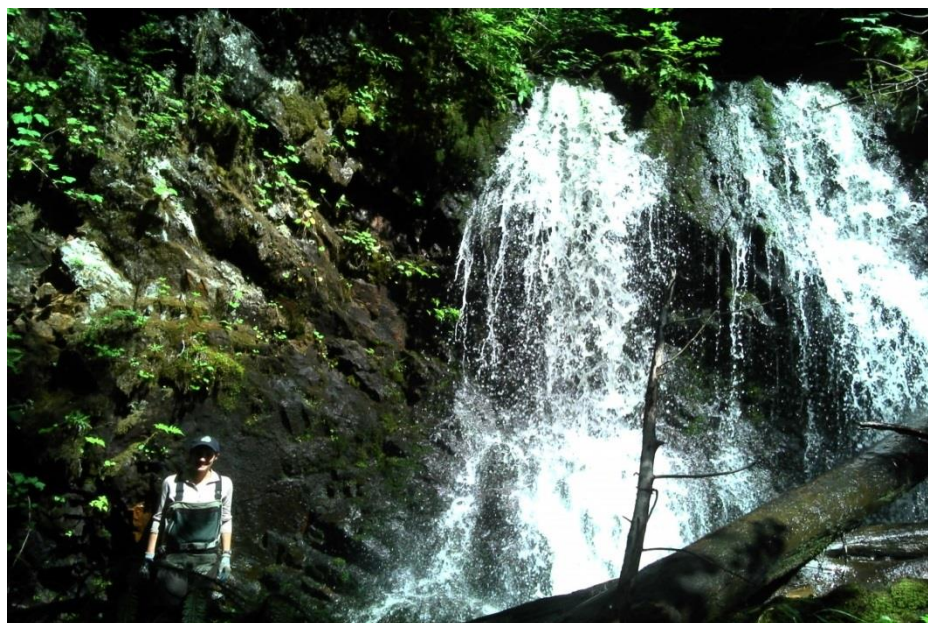


Figure 1.—Nicole Legere at the base of 20' waterfall.

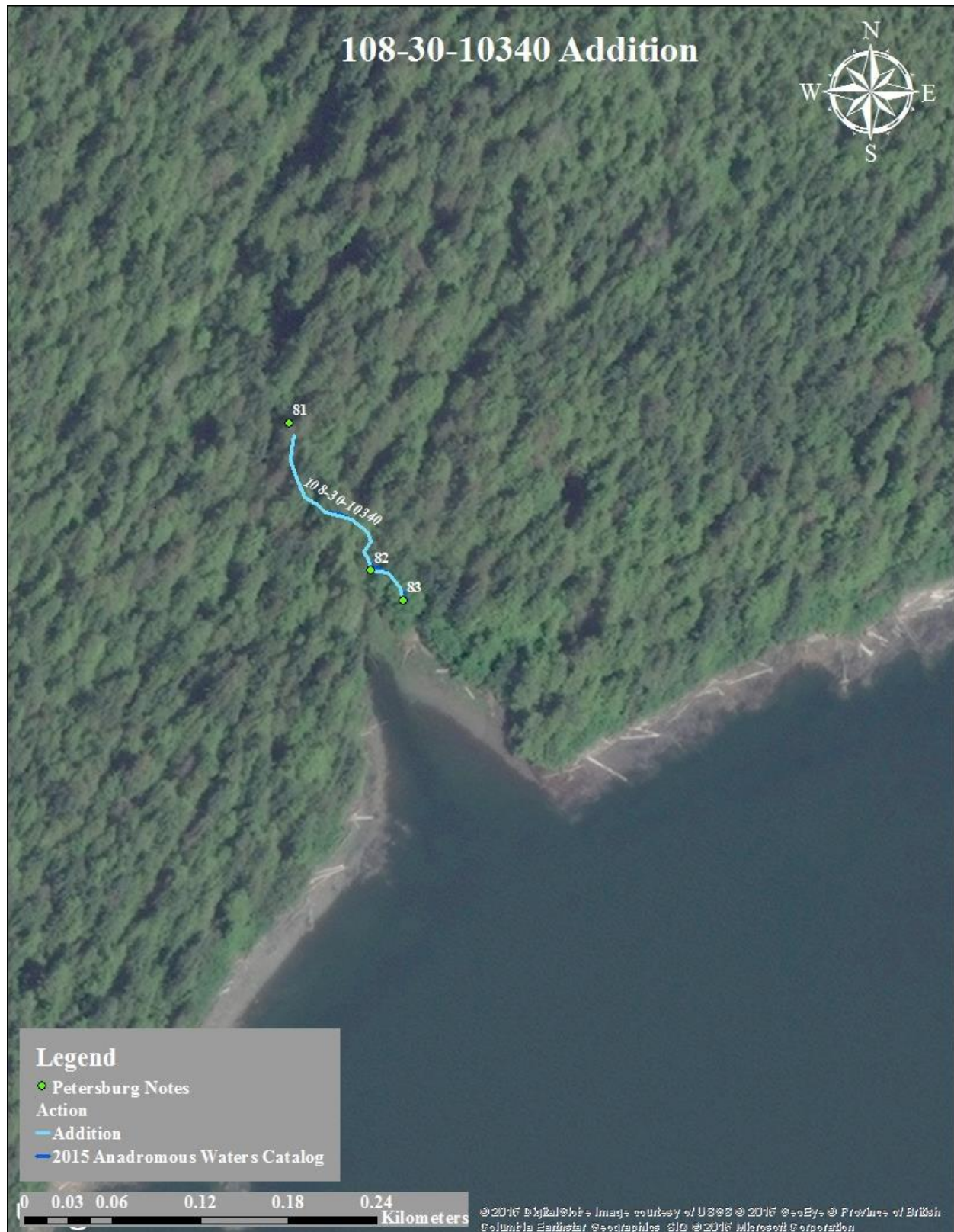


Figure 2.—108-30-10340 addition map.

Petersburg