

114-31-10080 TRIBUTARY**ADDITION****Water body name:****Survey date:** 2/5/2014**Water body number:****Species & Lifestage:****Watershed:** Port Fredrick-Frontal Icy Strait**MTR:** C043S061E **Quad:** Juneau A-5

Findings: In October 2012 the east apron at the Hoonah Airport was expanded and this uncataloged tributary to Stream No. 114-31-10080 was rerouted as a ditch that parallels the apron. Coho salmon were documented previous to the reroute but were never nominated to the Anadromous Waters Catalog. ADF&G has been monitoring this stream since the reroute. In 2014 we caught coho salmon, Dolly Varden char, and cutthroat trout in this creek with minnow traps during three sampling events. Portions of the rerouted section have been subterranean during our site visits but there is a possibility water flows during rain events that allows fish to pass.

Recommendations: Add this stream to the Anadromous Waters Catalog.

Table 1.–114-31-10080 tributary survey data on February 5, 2014.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
44	58.0984	-135.4095	CO-85 mm	MT	1 CO
45	58.0983	-135.4095	CO length range: 40-70 mm	MT	5 CO

Table 2.–114-31-10080 tributary survey data on April 21, 2014.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
44	58.0984	-135.4095	CO-69 mm	MT	1 CO
45	58.0983	-135.4095	CO length range: 44-84 mm	MT	9 CO
83	58.0993	-135.4098	CO length range: 58-95 mm	MT	10 CO

Table 3.–114-31-10080 tributary survey data on July 23, 2014.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
44	58.0984	-135.4095	CO length range: 40-97 mm	MT	16 CO, 2 DV, 1 CT
45	58.0983	-135.4095	CO length range: 42-85 mm	MT	22 CO, 3 SB
83	58.0993	-135.4098	CO length range: 62-84 mm	MT	6 CO, 2 DV, 1 CT



Figure 1.—Coho salmon caught in and uncataloged tributary to Stream No. 114-31-10080.



Figure 2.—Upper extent of fish use (WPT 83).



Figure 2.—Subterranean section of the uncataloged tributary to Stream No. 114-31-10080 .

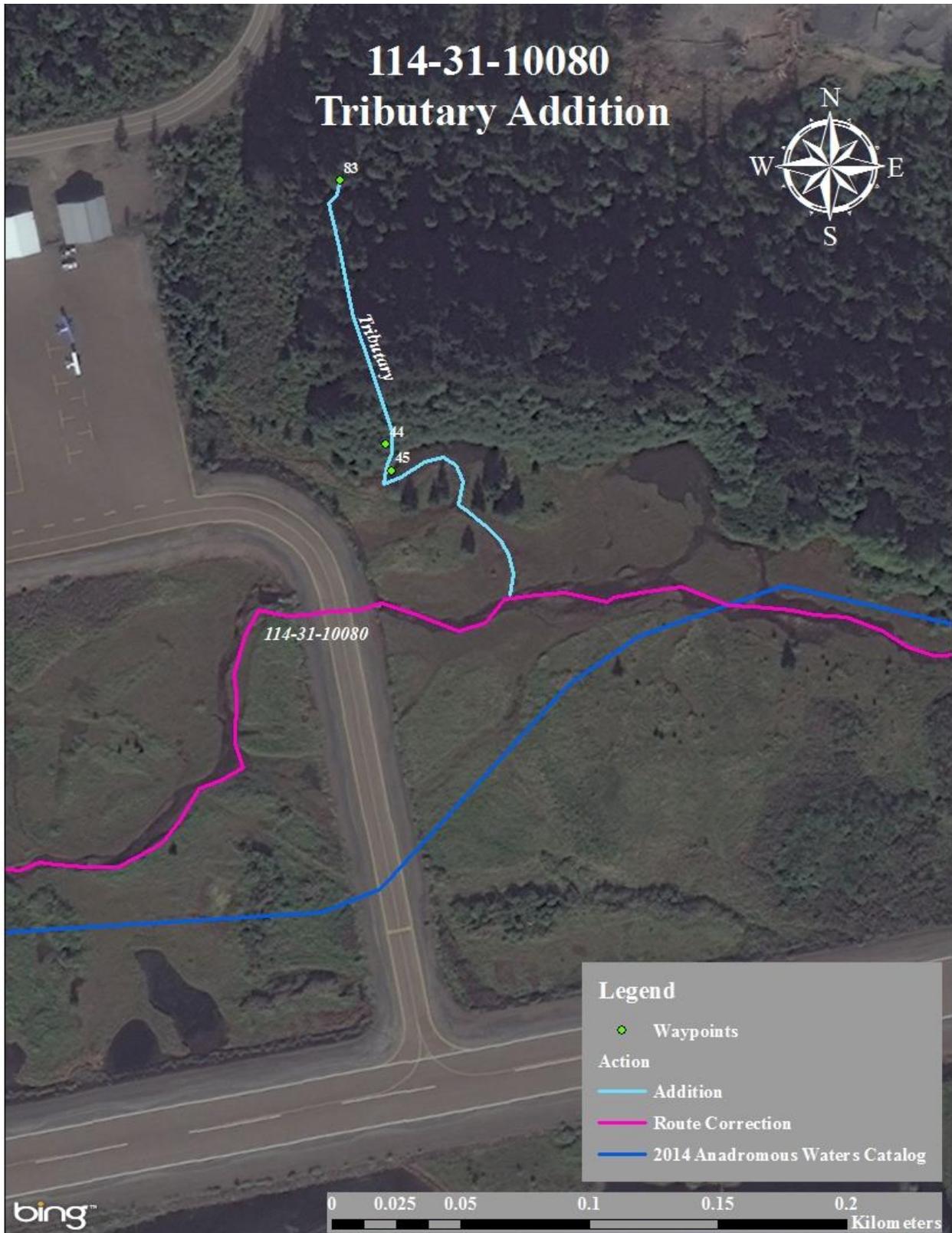


Figure 4.-114-31-10080 tributary addition map.