

114-31-10080-2003 SHOTTER CREEK**CORRECTION****Water body name:** Shotter Creek**Survey date:** 7/9/2015**Water body number:** 114-31-10080-2003**Species & Lifestage:** COsr**Watershed:** Port Fredrick-Frontal Icy Strait**MTR:** C043S061E **Quad:** Juneau A-5

Findings: We sampled Shotter Creek using an electrofisher and a GPS (Table 1). We captured coho salmon, cutthroat trout, and Dolly Varden char. The upper extent of fish use is at an old 3-4 m high dam and spillway spanning across the creek (Figure 1). Sediment filled in the area upstream of the dam and there was a small amount of water overtopping the spillway. We did not walk upstream of the dam, but from what we could see the stream was dry (Figure 2). Shotter Creek used to be the primary water source for Hoonah up until the late 1980's.

Recommendations: Correct the stream route and extend the upper extent of anadromy for coho salmon as shown in Figure 3.

Nomination number: Pending

Table 1.–Shotter Creek survey data on July 9, 2015.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
1050	58.1004	-135.4135	Upstream of culvert.		
1051	58.1005	-135.4135	Visual on many coho.	EF	2 CO
1052	58.1010	-135.4129		EF	1, CO, 2 CT
1053	58.1012	-135.4126		EF	2 CO
1054	58.1022	-135.4121		EF	2 CO, 5 DV
1055	58.1024	-135.4122		EF	2 CO, 1 CT, 2 DV
1056	58.1030	-135.4125		EF	2 CO, 1 CT
1057	58.1032	-135.4126	Cobble and gravel substrate up to this point. Gradual gradient increase.	EF	2 CO
1058	58.1036	-135.4122		EF	2 CO
1059	58.1037	-135.4113		EF	2 CT
1060	58.1038	-135.4111		EF	2 DV, 4 CO
1061	58.1039	-135.4109	Visual on many coho.	EF	2 CO
1062	58.1040	-135.4104		EF	2 CO, 2 DV, 2 CT
1063	58.1045	-135.4103	Old wooden dam with ~10 ft high spillway. Upstream of dam is filled with gravel and the water is seeping of the ground out over the spillway.		



Figure 1.-Tess Quinn below the spillway.



Figure 2.- Looking down at Shotter Creek immediately upstream of the dam.

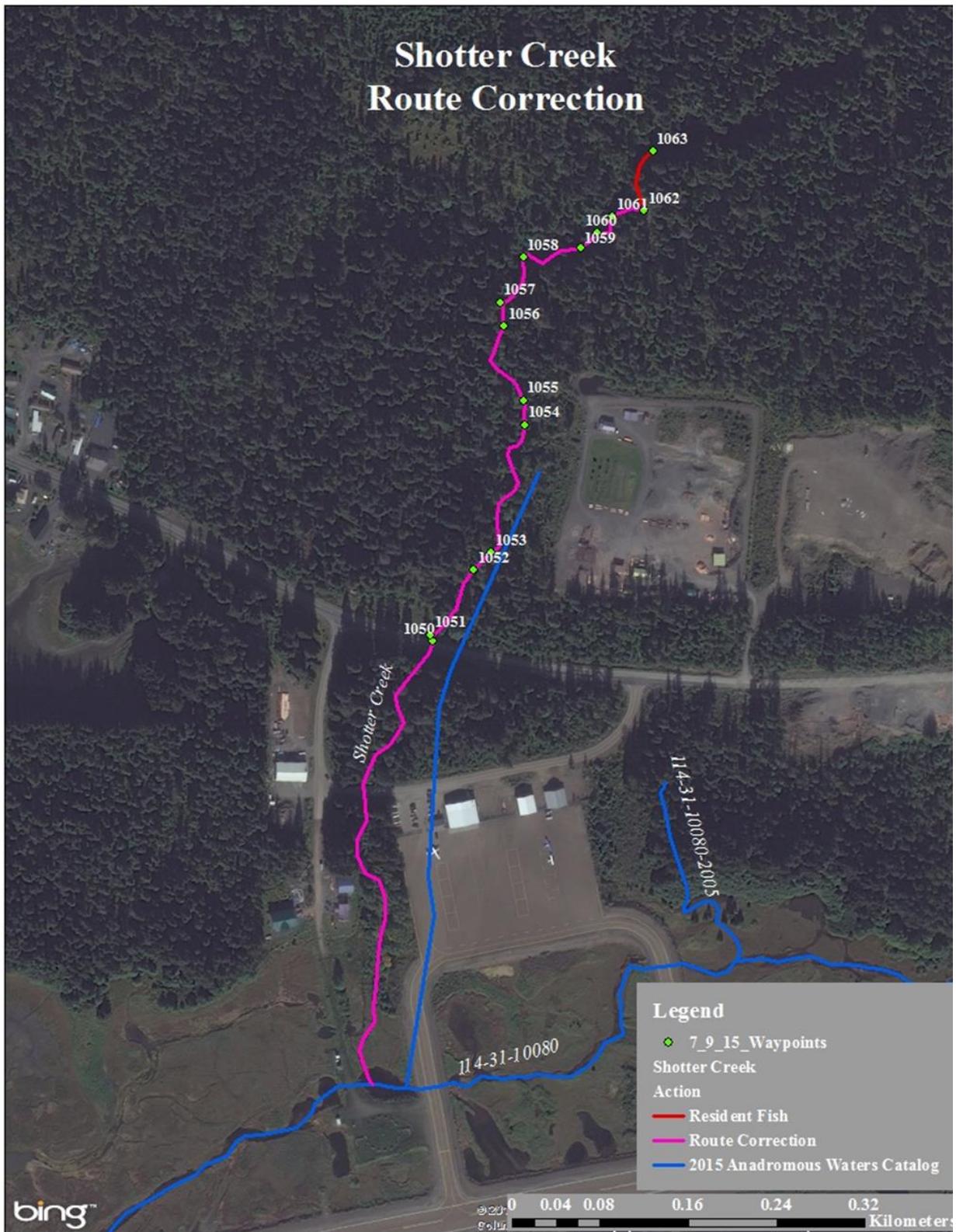


Figure 3.—Shotter Creek route correction map.