

**Peterson Creek Tributary Addition 1**

*Stream:* Peterson Creek (113-41-10185) Tributary Addition 1

*Watershed:* Eastern Channel-Frontal Sitka Sound

*USGS Quadrangle:* Sitka-A-5

*MTRS:* Section: 35 Township: 55 S Range: 63 E

*Date Surveyed:* May 2, 2012

*Findings:* This short stream provides rearing habitat for coho salmon and Dolly Varden char. The stream originates from a number of small, braided streams which come from forest springs.

*Recommendations:* We recommend adding this stream course to the Anadromous Waters Catalog.

*Nomination form submitted:* Yes

*Nomination Status:*

*Notes:*

Table 1. Survey notes from May 2, 2012.

Waypoint	lat	lon	Notes	Sample Effort	Sample Results
58	57.063712	-135.34275	Tributary enters on river right, small with lots of detritus. Electrofisher settings: 300v, 30Hz and 25% duty cycle. No fish, when I stepped in I created a vortex and it drained the pool.		
59	57.063611	-135.342516	Tributary river left. Fishing confluence. And got one Dolly Varden about 75mm.	Electrofisher	1 Dolly Varden about 75mm
60	57.063142	-135.341949	Tributary is runoff form high parking lot, see photo (2). Could use chx dams.		
61	57.06358	-135.341039	Main stem goes under walking path through about 6' culvert. Tributary on river right, see photos (3). Fishing below culvert. Got one Dolly Varden about 60mm. Electrofishing up tributary, but changed settings to 350v. One visual on Dolly Varden about 40mm and got one Coho about 75mm, see photo. Caught one Dolly Varden emergers and one Dolly Varden about 50mm.	Electrofisher and Visual ID	1 Coho about 75mm and 3 Dolly Varden between 40-50mm
62	57.063708	-135.341012	Caught one Coho in tributary.	Electrofisher	1 Coho
63	57.063907	-135.341241	Tributary on river right. Walking up. See photo.		
64	57.064185	-135.341494	Top of tributary, no fish and see photos (2).	Electrofisher	Nothing
65	57.064202	-135.340976	Splits three ways. River right, river left and straight. Straight is very low flow. Walking up river right first. Hand drawn diagram in notebook.		
66	57.064174	-135.341095	Caught one Coho, see photo.	Electrofisher	1 Coho
67	57.064592	-135.341208	Gradient change, visual on large Dolly Varden in pool at base of gradient change. Battery 1 died.	Visual ID	1 Dolly Varden

68	57.064712	-135.340975	Upper extent, H2O from under ground. Looks like was a stream @ one time then went under ground. Photos (3).		
69	57.064228	-135.340983	Tributary on river left, walking up.		
70	57.064214	-135.340819	Braided see from tributary or tributary right comes form top of main tributary at waypoint# 65.		
71	57.06426	-135.340337	Upper extent of tributary, where it hits a hiking trail.		
72	57.063476	-135.34066	Tributary on river right.		
73	57.063785	-135.340392	Upper extent of tributary, no fish caught or seen subteraninan flow in several areas.		
74	57.06354	-135.338488	Two Coho caught under cut bank in deep pool and one visual.	Electrofished and Visual ID	2 Coho
75	57.06369	-135.337687	Upper extent of tributary on river right. Will waypoint where tributary enters main stem for waypoint 76.		
76	57.063576	-135.337781	Tributary on river right, no fish caught.		
77	57.06352	-135.337725	Fedder stream on river left. With gradient barriere at confluence.		
78	57.063484	-135.337606	Caught one Coho above waypoint 77 in mainstem.	Electrofisher	1 Coho
79	57.063474	-135.337466	Caught one Coho about 60mm. See photo.	Electrofisher	1 Coho about 60mm
80	57.063578	-135.336618	Tributary on river right.		
81	57.0637	-135.336144	Tributary on river left, caught one Dolly Varden about 55mm.	Electrofisher	1 Dolly Varden about 55mm
82	57.063639	-135.335757	Upper extent of tributary with gradient barrier. See photos (1).		
83	57.063661	-135.33588	Caught one Coho about 60mm.	Electrofisher	1 Coho about 60mm
84	57.063851	-135.335816	One Coho about 60mm.	Electrofisher	1 Coho about 60mm
85	57.064	-135.335194	Tributary on river right. Are a few carcasses on the bank at confluence with mainstem.		
86	57.064273	-135.334816	Upper extent of tributary, becomes braided and no fish.	Electrofisher	Nothing

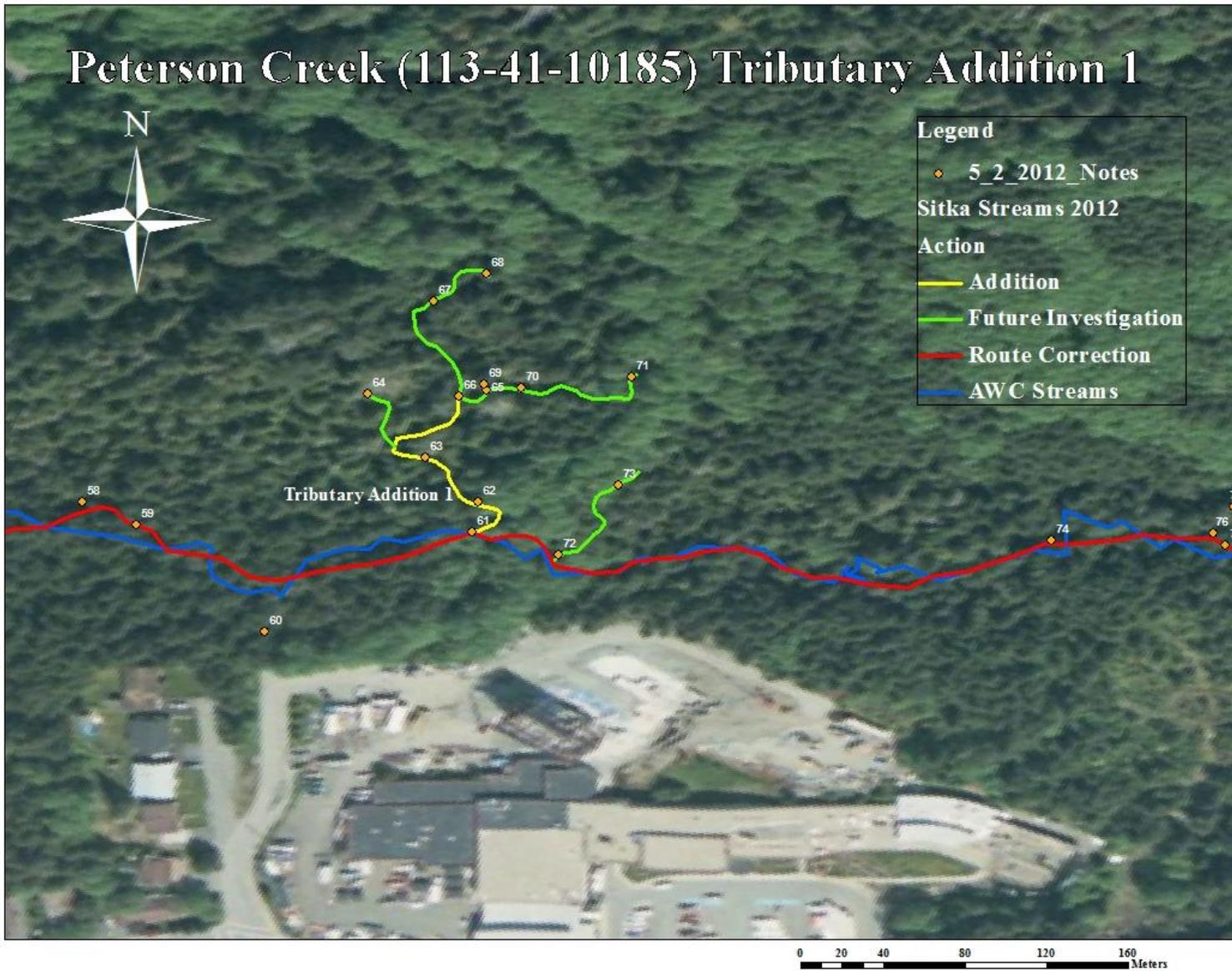


Figure 1. Map of Peterson Creek Tributary: Stream No. 113-41-10185 Tributary Addition 1.