

**Indian River Tributary Addition 13**

*Stream:* Indian River Tributary: 113-41-10190 Tributary Addition 13

*Watershed:* Eastern Channel-Frontal Sitka Sound

*USGS Quadrangle:* Sitka-A-4

*MTRS:* Section: 19 Township: 55 S Range: 64 E

*Date Surveyed:* June 25, 2012

*Findings:* This short stream provides rearing habitat for coho salmon and Dolly Varden char.

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

*Nomination form submitted:* Yes

*Nomination Status:*

*Notes:*

Table 1. Survey notes from June 25, 2012.

Waypoints	lat	lon	Notes	Sample Effort	Sample Results
107	57.076704	-135.291562	We are starting at the confluence of stream where Tess, Gorden and I called it a day after completing a tributary of a tributary. Tracking.		
108	57.076932	-135.291836	Electrofished at settings: 420v, 30Hz and 12% duty cycle. Caught two Dolly Varden about 40mm. Tributary entering river right. Tracking.	Electrofisher	2 Dolly Varden about 40mm
109	57.07695	-135.292636	Calling the top of this tributary. We electrofished the whole way up to this point but got nothing, not even a Dolly Varden.		
110	57.077076	-135.29187	Electrofished and got one Dolly Varden about 40mm.	Electrofisher	1 Dolly Varden about 40mm
111	57.077172	-135.292156	Tributary entering river left. Going to come back to. This actually turned out to be a side channel of mainstem of tributary.		
112	57.077195	-135.292329	Electrofished mainstem of tributary and got two Dolly Varden between 30-40mm.	Electrofisher	2 Dolly Varden between 30-40mm
113	57.077325	-135.292236	Electrofished and got six Dolly Varden between 30-40mm.	Electrofisher	6 Dolly Varden between 30-40mm
114	57.078063	-135.292989	Electrofished and got one Dolly Varden about 35mm.	Electrofisher	1 Dolly Varden about 35mm
115	57.078097	-135.293445	Calling the top of this tributary. Just becomes a braided cascade falls. The gradient also starts to increase.		
116	57.077909	-135.290187	Tributary entering river right, tracking and shocking up. Electrofished mouth and got two Coho about 35mm.	Electrofisher	2 Coho about 35mm
117	57.0781	-135.289968	Electrofished and got five Dolly Varden about 35mm to 50mm.	Electrofisher	5 Dolly Varden 35-50mm
118	57.078314	-135.28988	Electrofished and captured three Dolly Varden between 30-40mm and one Coho about 40mm. Photo (1).	Electrofisher	1 Coho about 40mm and 3 Dolly Varden between 30-40mm

119	57.078542	-135.290479	Electrofished and got two Dolly Varden about 35mm.	Electrofisher	2 Dolly Varden about 35mm
120	57.078657	-135.290644	Electrofished and got three Dolly Varden between 30-35mm.	Electrofisher	3 Dolly Varden between 30-35mm
121	57.078745	-135.291181	Top of tributary photos (2). Large falls - the pool at the base does not provide enough depth for jumping. Electrofished and got two Dolly Varden between 30-40mm.	Electrofisher	2 Dolly Varden between 30-40mm
122	57.078196	-135.289497	Mouth of tributary entering river right. Electrofished and caught two Coho about 25mm and two Dolly Varden between 20-30mm. The stream has large iron flakes and is really stained because of iron. Where stream dumps into Indian River there is an iron stain on rocks for a ways.	Electrofisher	2 Coho about 25mm and 2 Dolly Varden between 20-30mm
123	57.078467	-135.289642	Electrofished and got two Coho about 35mm.	Electrofisher	2 Coho about 35mm
124	57.07863	-135.289557	Electrofished and got one Coho about 40mm.	Electrofisher	1 Coho about 40mm
125	57.079061	-135.289917	Electrofished and got one Coho about 30mm.	Electrofisher	1 Coho about 30mm
126	57.079183	-135.29033	Electrofished and got one Dolly Varden about 35mm.	Electrofisher	1 Dolly Varden about 35mm
127	57.079363	-135.290536	Calling the top of the tributary. The stream braids out in a skunk cabbage patch and does not have a defined channel.		
128	57.078733	-135.289247	Electrofished and got two Coho between 35-40mm.	Electrofisher	2 Coho between 35-40mm
129	57.079044	-135.289478	Electrofished and got two Dolly Varden between 25-40mm.	Electrofisher	2 Dolly Varden between 25-40mm
130	57.079215	-135.289504	Top of the tributary. The water is just bubbling up out of ground.		
131	57.0802	-135.287831	Tributary entering from river right, tracking and shocking.		
132	57.080337	-135.287839	Tributary ends, just coming up out of ground. Electrofished whole thing but got nothing.	Electrofisher	Nothing
133	57.084199	-135.283732	Top of this branch of the Indian River the water is just coming out of gravel substrate. There is a well defined channel here like there are flows. Possible that something has happened upstream to dam water or this only has water in it during floods or massive floods. Tracking down.		
134	57.073983	-135.291699	Where branch meets up with other branch of Indian River. End tracking.		



Figure 1. Map of Indian River Tributary: Stream No. 113-41-10190– Tributary Addition 13.