

EAST CREEK**CORRECTION****Water body name:** East Creek**Survey date:** 10/21/2013**Water body number:** 111-40-10060**Species & Lifestage:** COr**Watershed:** Mendenhall River-Frontal Gastineau Channel**MTR:** C040S066E **Quad:** Juneau B-2

Findings: I surveyed East Creek over the course of two days using an electrofisher unit and a GPS (Table 1). I captured a rearing coho salmon and Dolly Varden char with an electrofisher and an adult coho salmon with a hand net (Figure 1). There is a culvert under Schneider Drive in Switzer Village that is a barrier to fish passage (Figure 2). I ended the survey because only capturing resident fish beyond culvert in Switzer Village.

Recommendations: Correct the route that is in AWC.

Table 1.– 111-40-10060 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
50	58.3560	-134.5184	Starting here for East Creek, on border of where the last couple high tides have impacted.		
51	58.3572	-134.5199	Where some overflow from East Creek spreads out into wetlands.		
52	58.3574	-134.5199	Outlet of culvert that goes under Egan Highway.		
124	58.3583	-134.5196		EF	1 CO, 3 DV
125	58.3588	-134.5199	Outlet of culvert under Old Glacier Highway.	EF	1 DV
126	58.3590	-134.5199	Inlet of culvert.		
127	58.3597	-134.5196	Foot bridge over East Creek.	EF	4 DV
128	58.3601	-134.5196	Another foot bridge over East Creek.	EF	2 DV
129	58.3607	-134.5191	Some kind of hose crosses stream. Not sure what it goes to.	EF	3 DV
130	58.3609	-134.5190	One adult female Coho at outlet of culvert. The culvert does not look fish passable.	VL, HN	1 CO
131	58.3611	-134.5189	Inlet of culvert.		
132	58.3614	-134.5188	Tributary entering RR.	EF	3 DV
133	58.3615	-134.5195	Stopping here the water continues on but behind residential places. Should make contact before continuing.	EF	4 DV

Table 2.–Continued.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
134	58.3619	-134.5187	Water is coming from two branches. Most of the water coming from RL branch which is cloudy and the RR branch is clear.		
135	58.3620	-134.5187	A foot bridge over RR branch of East Creek.	EF	5 DV
136	58.3627	-134.5196	Captured a Dolly Varden in spawning colors.	VL	1 DV
137	58.3628	-134.5198	Captured a pair of spawning Dolly Varden upstream of some concrete slabs in creek. A foot bridge crosses here.	VL	2 DV
138	58.3632	-134.5203	Stopping here, gradient increase and no evidence of Coho.	EF	2 DV
139	58.3620	-134.5183	Foot bridge over RL branch of East Creek.		
140	58.3626	-134.5182		EF	6 DV
141	58.3629	-134.5181	Tributary entering RL, has very low flow. Going to electrofish anyway.		
142	58.3630	-134.5174	Calling it the top here, water just seeping out of ground. But there is a big channel and looks to have water flow when enough rain. Channel is behind Dzantiki Heeni Middle School property.	EF	3 DV
143	58.3637	-134.5192		EF	4 DV
144	58.3641	-134.5191	Visual on Dolly Vardens in spawning colors. Don't think that any Coho make it pass the culvert at WPT #130.	HN, VL	4 DV



Figure 1.—Adult female coho salmon.



Figure 2.—Outlet of Schneider Drive culvert.

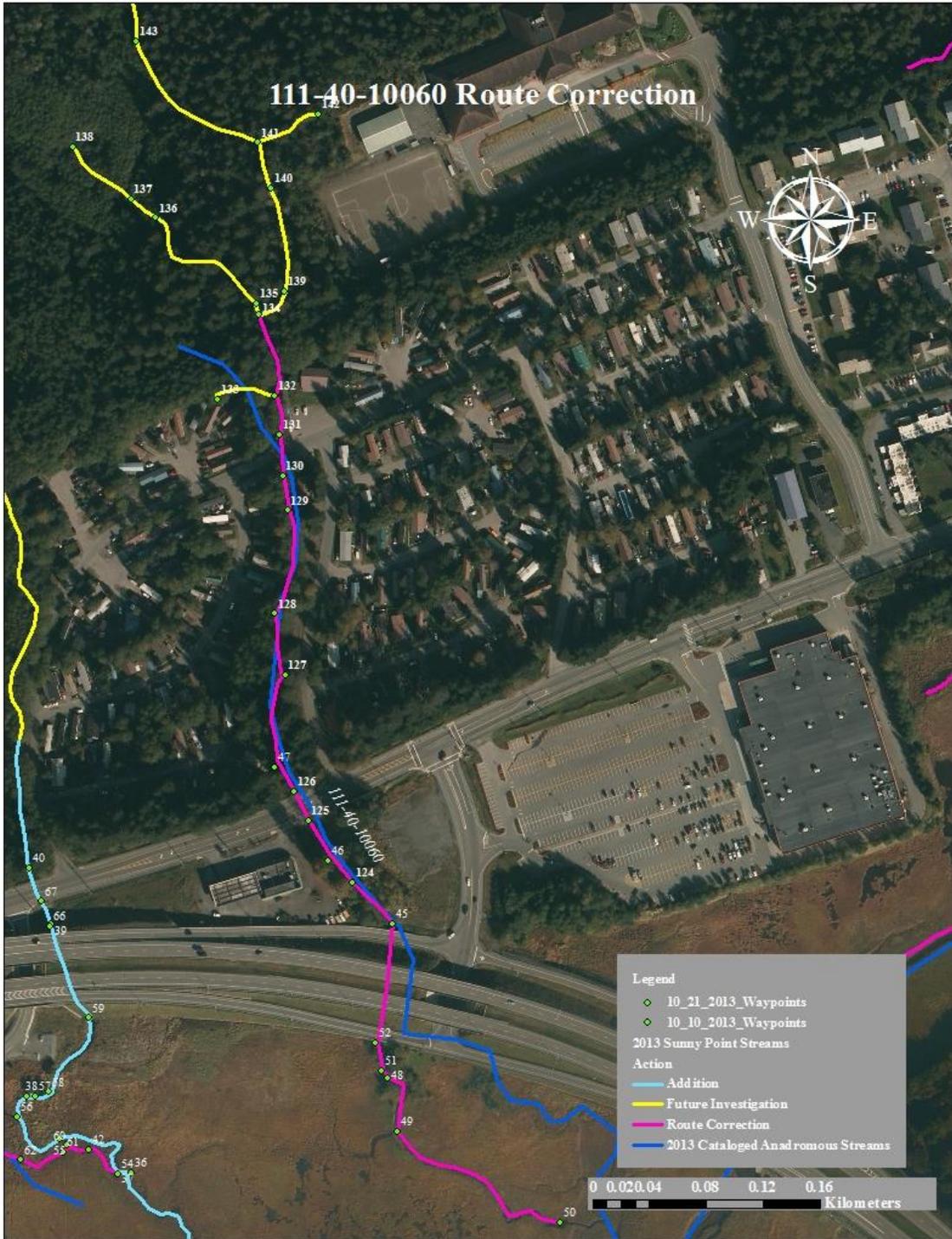


Figure 3.—111-40-10060 route correction map.