

108-60-10049 Route Correction**Stream:** City Creek (108-60-10049, cataloged for COs, Pp, CTp, DVp)**Watershed:** Big Creek-Frontal Frederick Sound**MTRS:** C058S079E, Petersburg D-3**Date Surveyed:** June 1 and 2, 2013

Findings: We tracked City Creek (108-60-10049) and sampled the tributaries up to the Petersburg Reservoir dam just below the lake (Figure 1, Table 1). We encountered an old wooden dam below the lake that did not appear to restrict fish passage (Figure 2). We found the current route for this stream differs from the AWC (Figure 3).

Recommendations: Update the route for the lower portion of stream 108-60-10049 in the AWC.

Table 1: 108-60-10049 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
313	56.7997	-132.8951	Bridge over City Creek. We are going to track and EF the tributaries.		
314	56.7992	-132.8961	Tributary entering river left. Tracking.		
315	56.7992	-132.8966	Iron enriched. Intermittent flow.	EF	2 DV
316	56.7990	-132.8967	Calling it the top. Flows out of the ground. Gradient increases.	EF	No Fish
317	56.7985	-132.8964	Tributary entering river left. Tracking.		
318	56.7985	-132.8965	Iron enriched and small	EF	3 CO
319	56.7986	-132.8970	Calling it top, water just seeping out of ground.	EF	No Fish
320	56.7968	-132.8973	Tributary entering on river right. Tannic, good flow, low gradient.		
321	56.7964	-132.8973		EF	1 CT
322	56.7964	-132.8976		EF	1 CT ~85mm
323	56.7961	-132.8973		EF	1 DV
324	56.7959	-132.8971	Tributary river left, tracking and EF.		
325	56.7959	-132.8972		EF	1 CT
326	56.7958	-132.8973		EF	1 DV
327	56.7957	-132.8974		EF	2 DV
000	56.7947	-132.8973	Top of tributary, heading back to main tributary.		
328	56.7957	-132.8967	Calling it top, flowing off hillside, no fish. Muskeg.	EF	No Fish
329	56.7959	-132.8992	Side channel on river left. Tracking.		
330	56.7968	-132.9006	On uncataloged side channel.		
331	56.7957	-132.9123	Mouth of small tannic tributary on river left.	EF	No fish

332	56.7957	-132.9124	Deep tannic pool on tributary.	EF	1 DV
333	56.7956	-132.9129	Water draining from hillside.		
334	56.7954	-132.9127	Tributary is actually a side channel.		
335	56.7945	-132.9126	Mouth of tributary.	EF	3 CO, 2 DV, 1 CT
336	56.7944	-132.9130	Shallow pool.	EF	2 DV, 1 CO
337	56.7944	-132.9130	Captured in small series of pools.	EF	2 DV, 1 CO
338	56.7944	-132.9132	Long mossy run.	EF	3 CO
339	56.7944	-132.9134		EF	1 CO
340	56.7943	-132.9135		EF	1 CO-70 mm
341	56.7943	-132.9137	Possible barrier, fishing above.		
342	56.7944	-132.9138	Barrier.	EF	No fish
343	56.7945	-132.9130	Back at mainstem		
344	56.7941	-132.9123	Mouth of tributary.		
345	56.7938	-132.9127	Upwelling, no fish.	EF	No fish
346	56.7940	-132.9121	Back at mainstem		
347	56.7913	-132.9111	Possible velocity barrier at high flows.		
348	56.7910	-132.9111	Bridge above, possible barrier.		
349	56.7888	-132.9117	Ancient log dam.		
350	56.7888	-132.9123	Huge debris jam.		
351	56.7869	-132.9123	Mouth of tributary just below dam.	EF	1 DV
352	56.7869	-132.9122	Deep series of pools.	EF	1 CT-120 mm, 1 DV
353	56.7868	-132.9121	Old beaver dam, no fresh sign.		
354	56.7866	-132.9138	Petersburg reservoir. Dam barrier.		



Figure 1: Below Petersburg Reservoir Dam.



Figure 2: Habitat Biologist Nicole Legere downstream of old wooden dam.

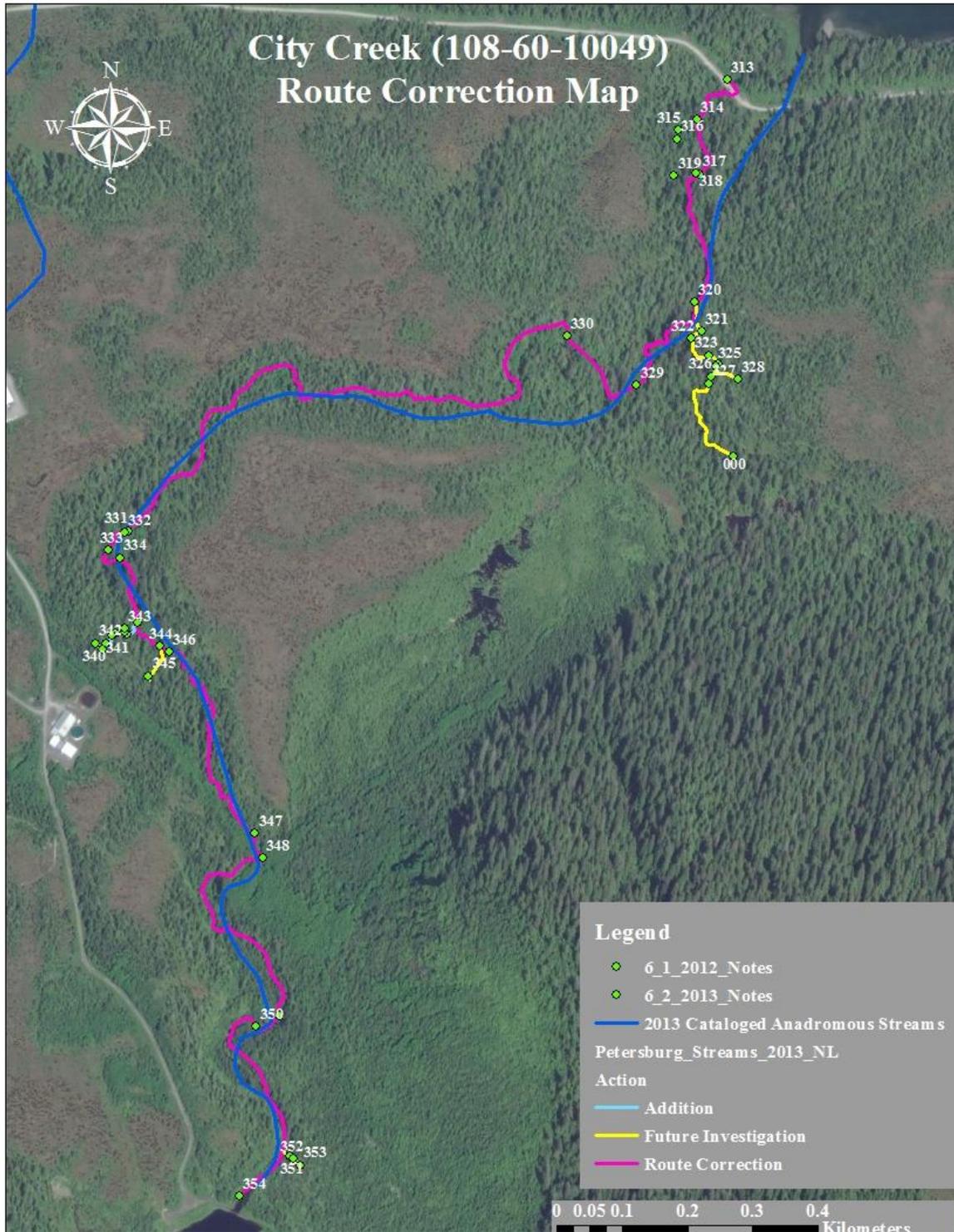


Figure 3: 108-60-10049 route correction map.