

**111-50-10070-2004****ADDITION****Water body name:** Herbert River**Survey date:** 11/6/2018**Watershed:** Herbert River-Eagle River **Species & Lifestage:** CHp,COp,Pp,Sp,CTp,DVp,SHp**MTR:** C038S065E **Quad:** Juneau C-3

**Findings:** We surveyed this stream with handnets and a GPS (Table 1). We observed two schools of adult coho salmon about 500 m upstream of the current upper extent of anadromy; we captured three adults with handnets (Figures 1–4). We walked an uncataloged tributary and observed an anadromous fish barrier at WP 2571, but did not observe any fish.

**Recommendations:** Extend the upper point of anadromy.**Nomination:** Pending

Table 1.–111-50-10070-2004 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
2565	58.5330	-134.7065	Walked 70m of main channel upstream. 1-2ft visibility. River splits into several channels upstream. Cobble/gravel substrate. Spawning habitat.	VI	No Fish
2566	58.5320	-134.7028	Large riffle and pool. Thick silt/sand under gravel, sunk up to knees.	VI	No Fish
2567	58.5298	-134.6954	Large school of adult CO in head of a pool of converging side channels. Visibility 3ft. Pool up to 1.25m deep with silt substrate.	VI	13 CO
2568	58.5295	-134.6941	Bear killed adult salmon	VI	No Fish
2569	58.5296	-134.6941	Adult female CO at confluence of 2-3m wide 4-6% grade clear tributary on river left. Cobble substrate with gravel in Herbert main channel.	HN	1 CO
2570	58.5294	-134.6931	Gradient increases to 7% 12m upstream. Cobble-boulder substrate. Gradient increases upstream 13% 20 m upstream.	VI	No Fish
2571	58.5293	-134.6922	Anadromous fish barrier. Cascade 16% 10m upstream. Increases >20%. Unsafe to measure boulder substrate.	VI	No Fish
2572	58.5298	-134.6936	Large school of adult CO in Herbert River in main channel. Distributary of river left tributary enters.	VI/HN	17 CO/2 CO

Table 1.–Continued.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
2573	58.5325	-134.6919	Top of adult CO survey. Very large pool at base of 10-15% gradient channel. Visibility 3ft. Bedrock chute upstream with cobble-boulder substrate. Cannot tell if there are fish. No significant barriers downstream. Upstream, likely anadromous barrier.	VI	No Fish



Figure 1.–Coho salmon captured at WP 2572.



Figure 2.–Coho salmon captured at WP 2572.



Figure 3.–Large pool at WP 2567.

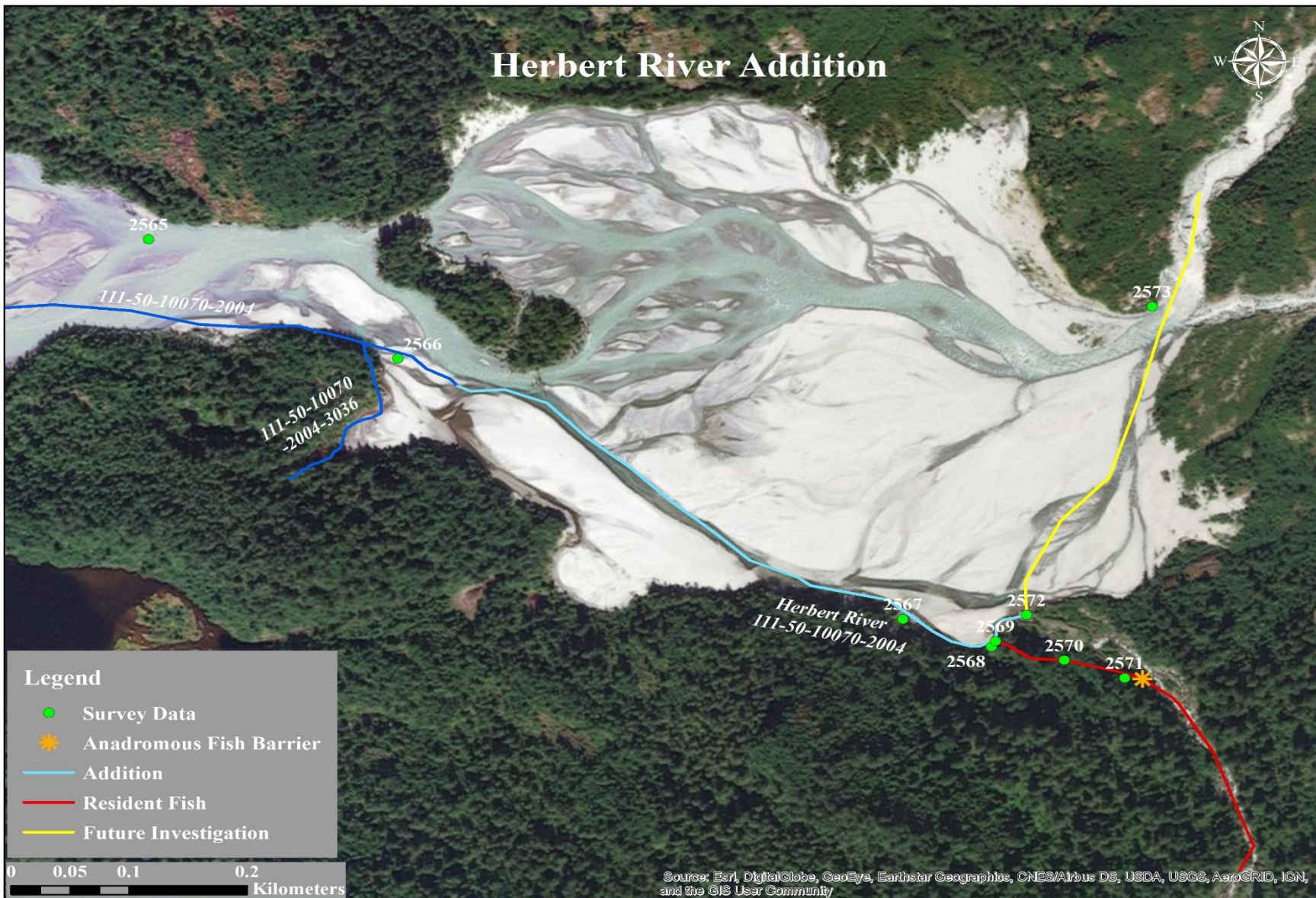


Figure 4.—Herbert River addition map.