

Mitkof Highway 1**Stream:** Mitkof Highway 1**Watershed:** Stikine River-Frontal Stikine Strait**MTRS:** C061S082E, Petersburg C-2**Date Surveyed:** May 16, 2013

Findings: We surveyed this creek along the Mitkof Highway and found coho salmon in the lower section below the road. We surveyed until the gradient steepened and there was little water present. It appeared the culvert under the highway was broken in the middle and might not be passable to fish. Dolly Varden were caught upstream of the culvert.

Recommendations: Add this stream to the Anadromous Waters Catalog.

Table 1: Mitkof Highway 1 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
21	56.5922	-132.5441	First creek on far end of Mitkof Highway.		
22	56.5923	-132.5454	Start of hightide line. Tracking up.		
23	56.5923	-132.5455	2 CO ~ 80 mm	EF	2 CO ~ 80 mm
24	56.5924	-132.5457	Downstream culvert mostly underwater.		
25	56.5925	-132.5460	Upstream end of culvert. The culver appears to be broken in the middle and might not be passable to fish.		
26	56.5925	-132.5466	1 DV ~ 110 mm	EF	1 DV ~ 110 mm
27	56.5925	-132.5466	1 DV ~ 150 mm	EF	1 DV ~ 150 mm
28	56.5927	-132.5476	1 DV ~ 120 mm	EF	1 DV ~ 120 mm
29	56.5928	-132.5477	1 DV ~ 150 mm	EF	1 DV ~ 150 mm
30	56.5928	-132.5486	1 DV ~ 120 mm	EF	1 DV ~ 120 mm
31	56.5930	-132.5488	Old smashed culvert on side of creek.		
32	56.5930	-132.5487	1 DV ~ 130 mm	EF	1 DV ~ 130 mm
33	56.5931	-132.5487	An old logging road crosses the creek near where the old culvert is present.		
34	56.5932	-132.5488	1 DV ~ 100 mm	EF	1 DV ~ 100 mm
35	56.5938	-132.5495	1 DV ~ 120 mm	EF	1 DV ~ 100 mm
36	56.5942	-132.5502	1 DV	EF	1 DV
37	56.5942	-132.5502	Another old culvert on the bank with a cable through creek.		
38	56.5943	-132.5507	Tributary river right. Mainstem turns up slope. Taking mainstem first.		
39	56.5940	-132.5511	Calling it the top. Subterranean drop and it is significantly increasing in gradient.		

40	56.5943	-132.5509	Top of trib. Steep, subterranean. Not possible for fish habitat.
41	56.5940	-132.5505	Top of creek. Steep. Might have fish in higher water- Possible future investigation. We will track it down and electrofish along the way.
42	56.5938	-132.5495	Creek and trib meet. There were no fish in the creek.



Figure 1: 108-60-10049 tributary addition map.