State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Anadromous Waters Catalog

X

Region: Southcentral

USGS Quad(s): CORDOVA C-5

Anadromous Waters Catalog Number of Waterway: 221-10-10080

Name of Waterway: Fleming Creek ☑ USGS Name ☐ Local Name

☑ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination #	15-662		
Revision Year:	2016	James J Hasbrouck	10/26/2015
Revision to:	☒ Atlas	Fisheries Scientist	Date
	☒ Catalog	[signature]	10/26/15
Revision Code:	B-1, B-2	Habitat Operations Manager	Date
		[signature]	5 OCT 15
		AWC Project Biologist	Date
		[signature]	11 5 15
		GIS Analyst	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon	09/26/2014	✓	✓		✓

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments:

See attached files.

This is also a correction to the upstream point.
Coordinates (Lat,Long): Upper(60.5659 ,-145.73616) Lower(60.56289,-145.74256)

Add coho salmon ~~present~~ rearing/spawning to a creek
Creek not shortened as no sampling was conducted upstream to verify absence

Name of Observer (please print): Kirsti Jurica

Signature: 199.189.130.196 (Web Nomination) Date: 09/29/2015

Agency: ADFG CF

Address: po box 754
cordova, AK 99574

This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Anadromous Waters Catalog.

Signature of Area Biologist: _____ Date: _____

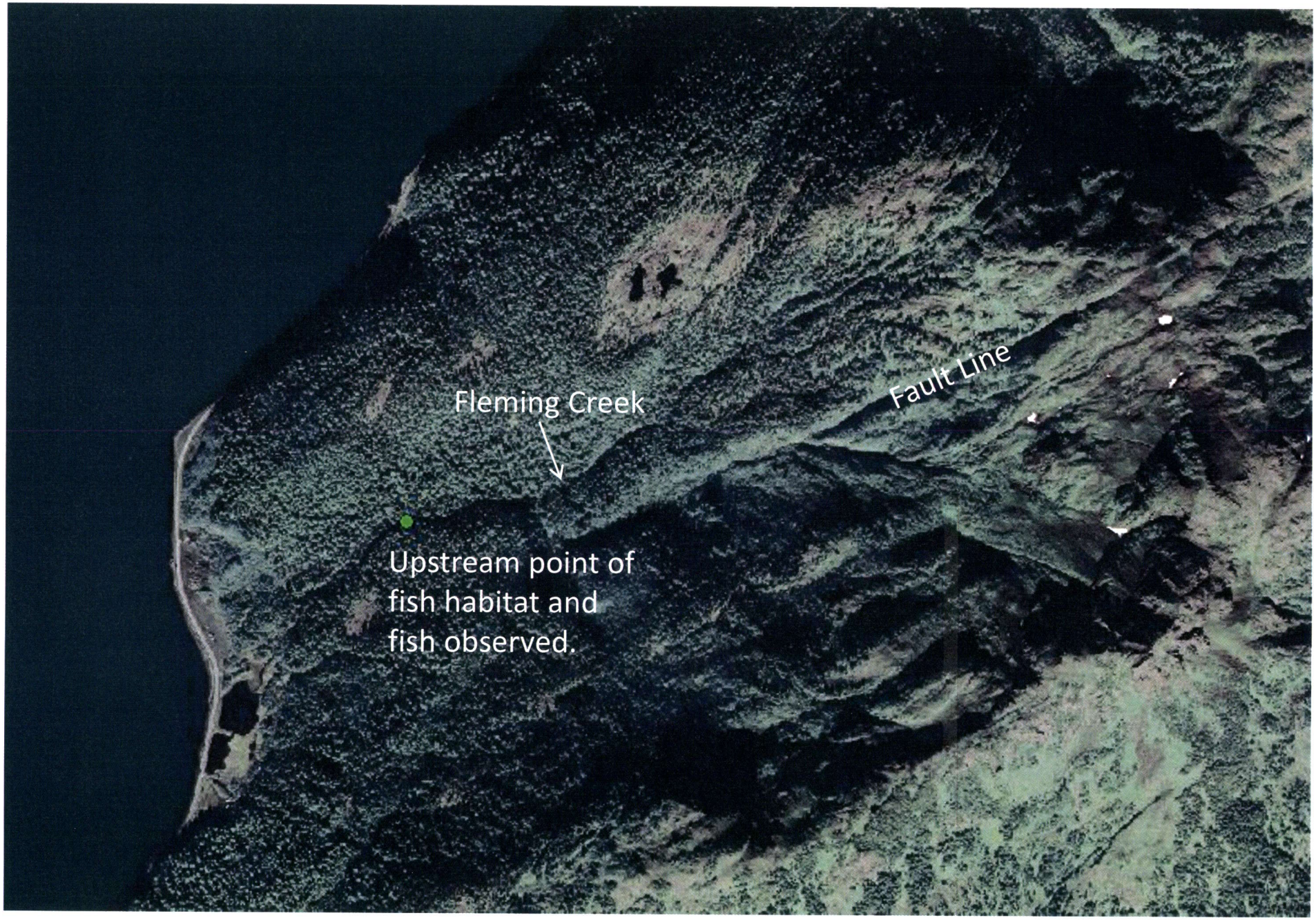
Name of Area Biologist (please print):

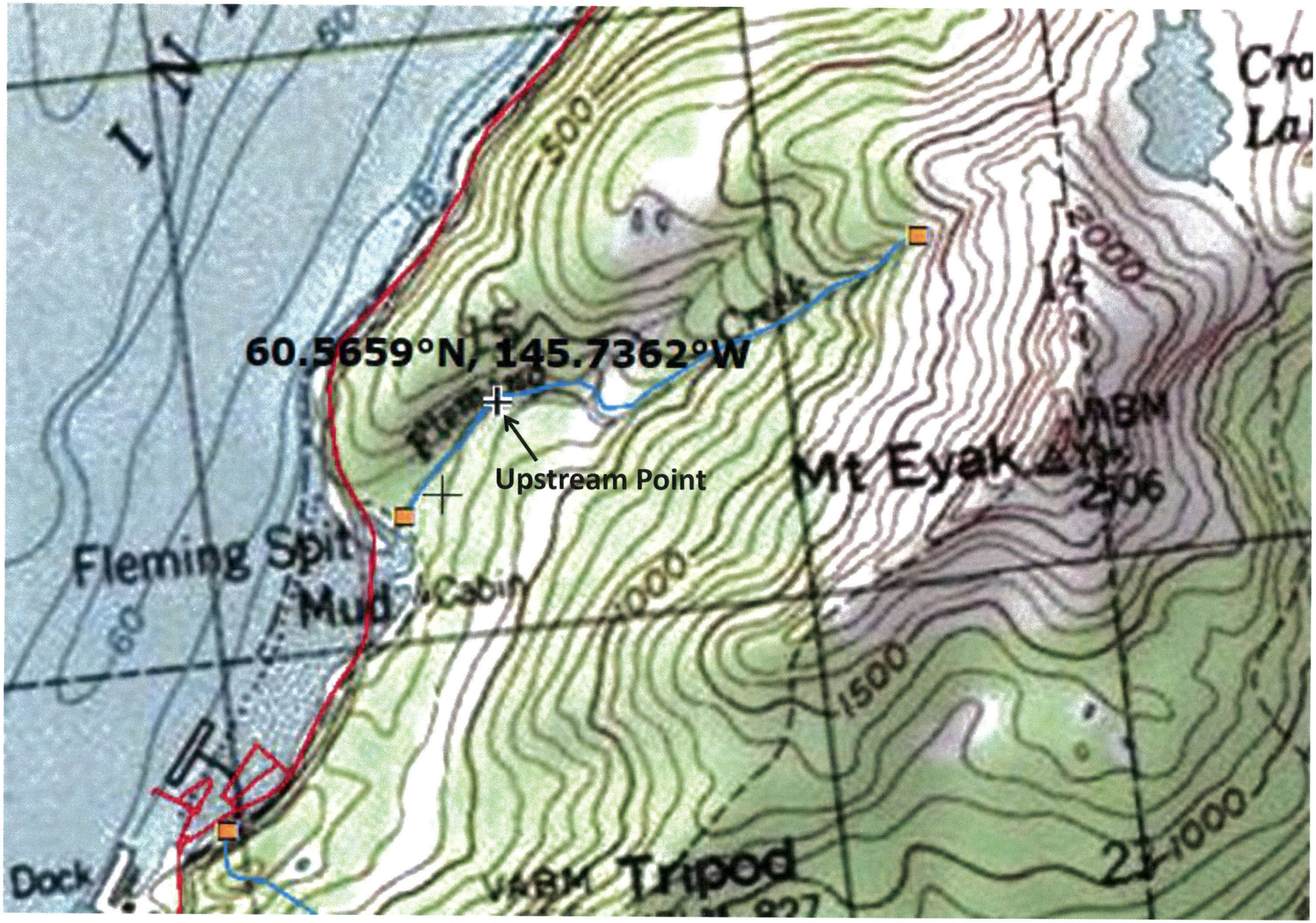
Revision 11/14

Fleming Creek is a moderately contained coastal mountain stream with large substrate and bedrock. The ordinary high water stream width is 6.3 m. It offers good spawning and rearing habitat for approximately 0.8 km upstream of the ocean. Fleming Creek is listed in the AWC as having adult pink salmon. The upstream point is inaccurately depicted in the AWC as gradient becomes excessive for fish passage upstream of 60.5659, -145.73616.

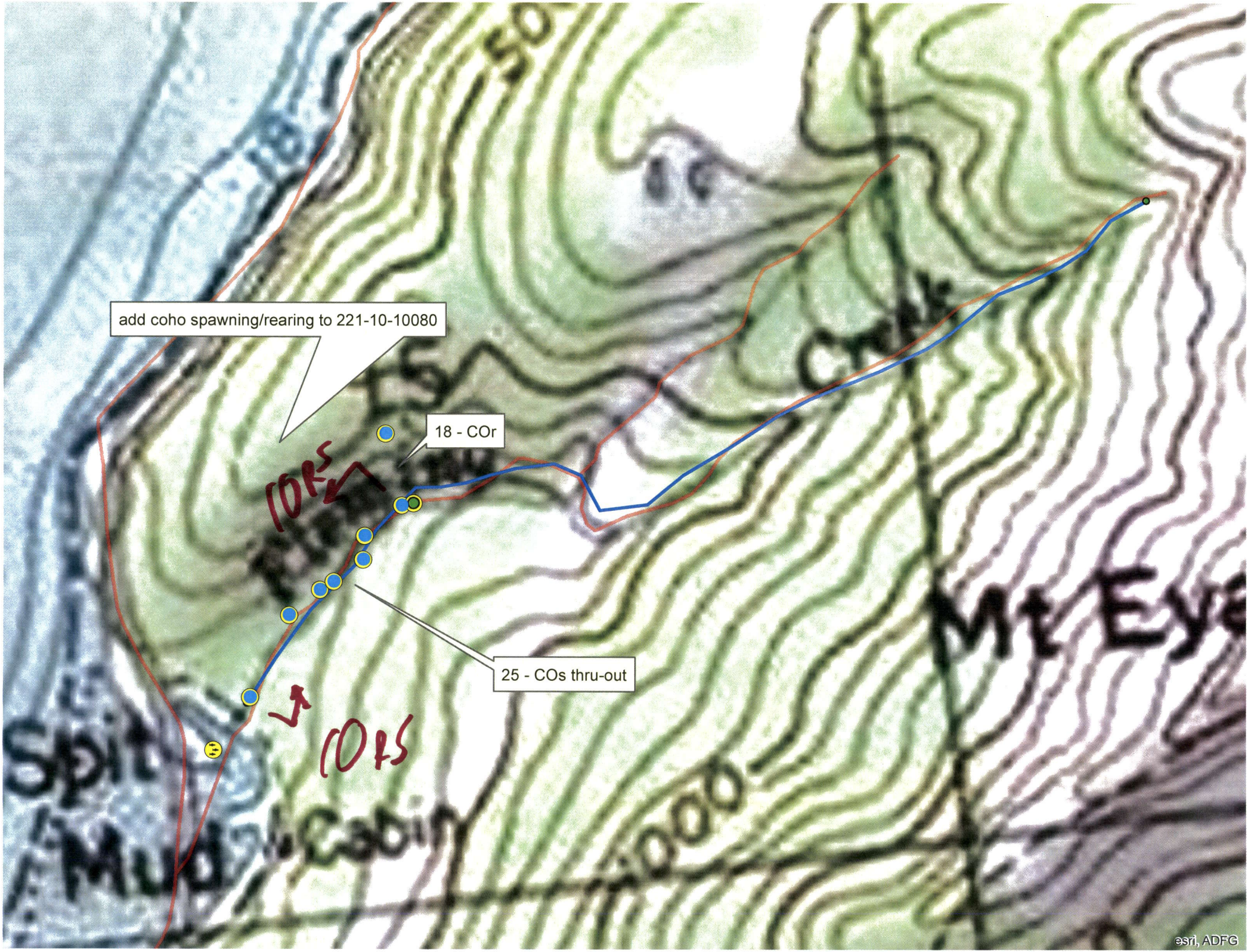
Cordova High School students surveyed Fleming Creek on 9/26/2014. Ten minnow traps were set along a 0.8 km section for approximately 20 hours. We caught 80 coho salmon (*Oncorhynchus kisutch)*, 29 Dolly Varden *(Salvelinus malma)*, and 8 coastrange sculpin *(Cottus aleuticus*). We measured 21 coho salmon, 26% of the total catch. Coho salmon fork lengths ranged from 53 - 79 mm (mean 69.7 ± 2.8 mm). We measured 16 Dolly Varden and fork lengths ranged from 80 – 140 mm (mean 108.3 ± 8.8 mm). Four sculpin were measured and total lengths ranged from 83 – 109 mm (mean 94.2 ± 8.8 mm).

Twenty five adult coho were observed along the entire survey length.


Fleming Creek
Fault Line
Upstream point of fish habitat and fish observed.


60.5659°N, 145.7362°W
Upstream Point
Fleming Spit
Mud
Cabin
Mt Eyak
VABM
Tripod
Dock
Creek
500
1000
1500
2000

Date	Stream Name	Mainstem	AWC#	Observers	Gear Type	Trap Id	Lat	Long	Species	Life stage	Count	Fork length (mm)
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	1	60.56289	-145.74256	no fish collected or observed			
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	2	60.56354	-145.74136	coho salmon	j	1	65
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	2	60.56354	-145.74136	coho salmon	j	1	60
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	2	60.56354	-145.74136	coho salmon	j	1	71
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	2	60.56354	-145.74136	coho salmon	j	11	
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	2	60.56354	-145.74136	dolly varden	j	1	115
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	2	60.56354	-145.74136	dolly varden	j	1	
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	2	60.56354	-145.74136	coastrange sculpin	a	4	
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	3	60.56459	-145.74001	coho salmon	j	1	72
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	3	60.56459	-145.74001	coho salmon	j	1	70
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	3	60.56459	-145.74001	coho salmon	j	7	
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	3	60.56459	-145.74001	dolly varden	j	1	95
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	4	60.56488	-145.73907	coho salmon	j	1	53
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	4	60.56488	-145.73907	coho salmon	j	1	64
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	4	60.56488	-145.73907	coho salmon	j	4	
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	5	60.56497	-145.73866	coho salmon	j	1	75
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	5	60.56497	-145.73866	coho salmon	j	1	66
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	5	60.56497	-145.73866	coho salmon	j	1	75
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	5	60.56497	-145.73866	coho salmon	j	1	67
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	5	60.56497	-145.73866	coho salmon	j	14	
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	5	60.56497	-145.73866	dolly varden	j	1	110
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	6	60.56522	-145.73776	coho salmon	j	1	78
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	6	60.56522	-145.73776	coho salmon	j	1	65
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	6	60.56522	-145.73776	coho salmon	j	1	
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	6	60.56522	-145.73776	dolly varden	j	1	140
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	6	60.56522	-145.73776	dolly varden	j	1	84
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	6	60.56522	-145.73776	dolly varden	j	1	80
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	6	60.56522	-145.73776	dolly varden	j	1	87
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	6	60.56522	-145.73776	dolly varden	j	1	130
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	6	60.56522	-145.73776	dolly varden	j	1	100
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	6	60.56522	-145.73776	dolly varden	j	1	116
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	6	60.56522	-145.73776	dolly varden	j	1	125
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	6	60.56522	-145.73776	coastrange sculpin	a	1	95
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	6	60.56522	-145.73776	coastrange sculpin	a	1	83
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	7	60.56554	-145.73763	coho salmon	j	1	78
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	7	60.56554	-145.73763	coho salmon	j	1	65
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	7	60.56554	-145.73763	coho salmon	j	1	70
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	7	60.56554	-145.73763	coho salmon	j	10	
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	7	60.56554	-145.73763	dolly varden	j	1	90
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	8	60.5669	-145.7367	coho salmon	j	1	79
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	8	60.5669	-145.7367	coho salmon	j	1	73
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	8	60.5669	-145.7367	coho salmon	j	1	77
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	8	60.5669	-145.7367	coho salmon	j	1	70
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	8	60.5669	-145.7367	coho salmon	j	12	
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	8	60.5669	-145.7367	coastrange sculpin	a	1	109
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	9	60.56589	-145.7365	coho salmon	j	1	70
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	9	60.56589	-145.7365	dolly varden	j	1	115
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	9	60.56589	-145.7365	dolly varden	j	1	100
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	9	60.56589	-145.7365	dolly varden	j	1	125
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	9	60.56589	-145.7365	dolly varden	j	1	120
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	9	60.56589	-145.7365	dolly varden	j	12	
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	9	60.56589	-145.7365	coastrange sculpin	a	1	90
9/26/2014	Fleming Creek	Orca Inlet	221-10-10080	Cordova HS	MT	10	60.5659	-145.73616	dolly varden	j	1	150


add coho spawning/rearing to 221-10-10080
18 - COr
25 - COs thru-out
esri, ADFG