



State of Alaska  
Department of Fish and Game  
Division of Sport Fish

Fish Survey  
Nomination Form  
Anadromous Waters Catalog

USGS Quad: Petersburg C-2

Region: Southeast

Anadromous Waters Catalog Number of Waterway: \_\_\_\_\_

Name of Waterway: Unnamed

USGS Name

Local Name

Addition

Deletion

For Office Use

Correction

Backup Information

Nomination # <u>140172</u>	Fisheries Scientist _____	Date _____
Revision Year: <u>2015</u>	Habitat Operations Manager _____	Date _____
Revision to: Atlas _____ Catalog _____	<u>[Signature]</u>	<u>6/11/14</u>
Both _____	AWC Project Biologist _____	Date _____
Revision Code: <u>F-2</u>	Cartographer _____	Date _____

Site Information

Station: SEA13MIT09

Date Observed: 06/26/2013 Legal Desc.: \_\_\_\_\_

Latitude: \_\_\_\_\_ Longitude: \_\_\_\_\_ Datum: \_\_\_\_\_  
56.56660 -132.59697

**Station Comments:** Culverts take two different inlet flows and exit into one stream. C1 drains road ditch, C2 drains upstream creek. Culverts are separated by a berm upstream. Downstream habitat looks very good, upstream has low flow during time of visit. Upstream channel well defined with lots of pools and runs, upstream gradient increases to above 7 percent just upstream from C1. Possible creek goes dry at times. About 300 feet downstream creek has tidal influence and empties into Koknuk Flats. FID 875 maybe

Observation Information

Life History:

Species\LifeStage: Dolly Varden juvenile

Sampling Method (No. of fish): A (1)

Species\LifeStage: coho salmon juvenile

Sampling Method (No. of fish): A (1)

Key to Sample Method

Sample ID: (A) Sample Gear: Minnow Trap

Sample ID: (B) Sample Gear: Minnow Trap

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JUN 5 2014

*DV Anadromy unknown  
only one coho salmon observed*

**Additional Comments:** This additional nomination provides information to support fish presence for juvenile dolly varden and juvenile coho for an unnamed waterbody that drains into the Koknuk Flats of Sumner Strait on the south end of Mitkof Island and the lower end has been designated as anadromous. Road crossing is located at 56.5666, -132.5970. This information was collected as part of the ADF&G Fish Passage Project. Downstream trap was set in outflow plunge pool and produced 1 juvenile coho and 1 juvenile dolly varden. Stream was designated as AWC #108-40-10630 in 2013 and this nomination suggests that anadromy should be extended at least up to the road crossing and perched culverts following the perviously submitted stream course in nomination 13-541 (2013).

Name of Observer: Mark Eisenman, Habitat Biologist

Phone: (907) 267-2891

Date Printed: 6/4/2014

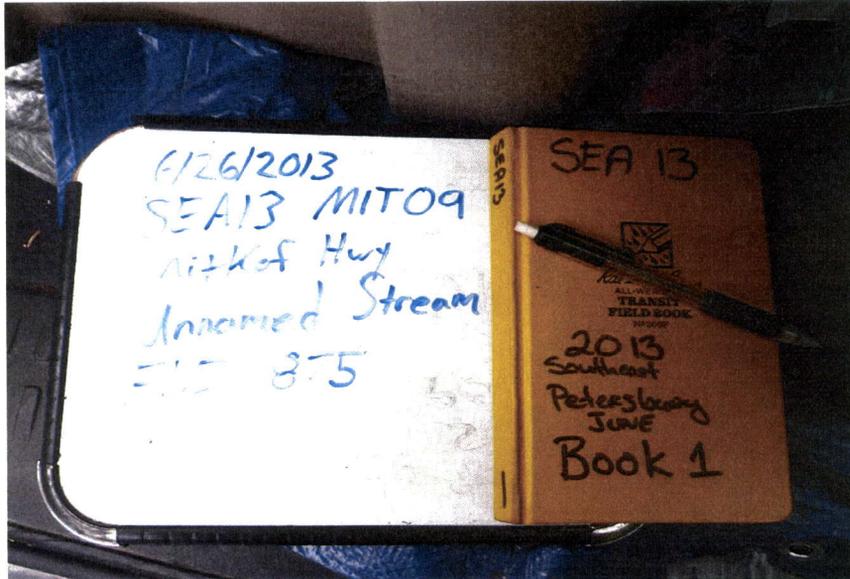
Signature: \_\_\_\_\_

Address: Alaska Department of Fish and Game, Sport Fish - Anchorage  
333 Raspberry Rd  
Anchorage, AK 99518

**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: \_\_\_\_\_



IMGP7115.jpg  
Site id



IMGP7116.jpg  
road



IMGP7117.jpg  
c2 inlet



IMGP7118.jpg  
looking u/s from inlet c2



IMGP7119.jpg  
upstream from inlet about 60  
feet c2



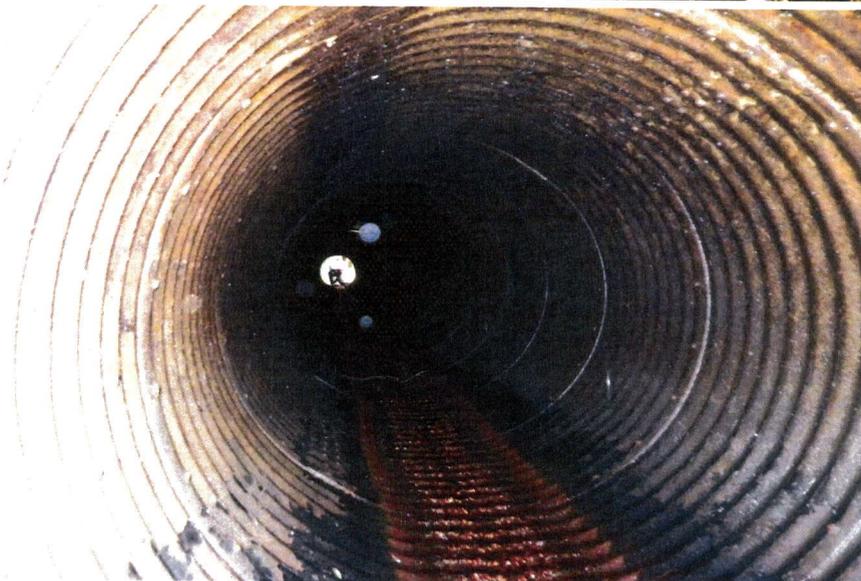
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inlet c1



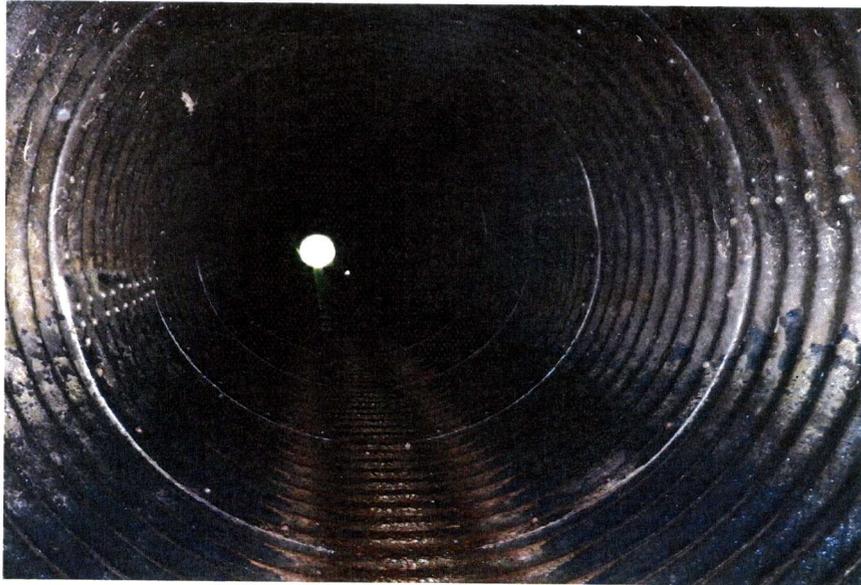
IMGP7121.jpg  
looking u/s from inlet c1



IMGP7122.jpg  
c1 outlet



IMGP7123.jpg  
in c1 outlet



IMGP7124.jpg  
in c2 outlet



IMGP7125.jpg  
c2 outlet



IMGP7126.jpg  
outlets



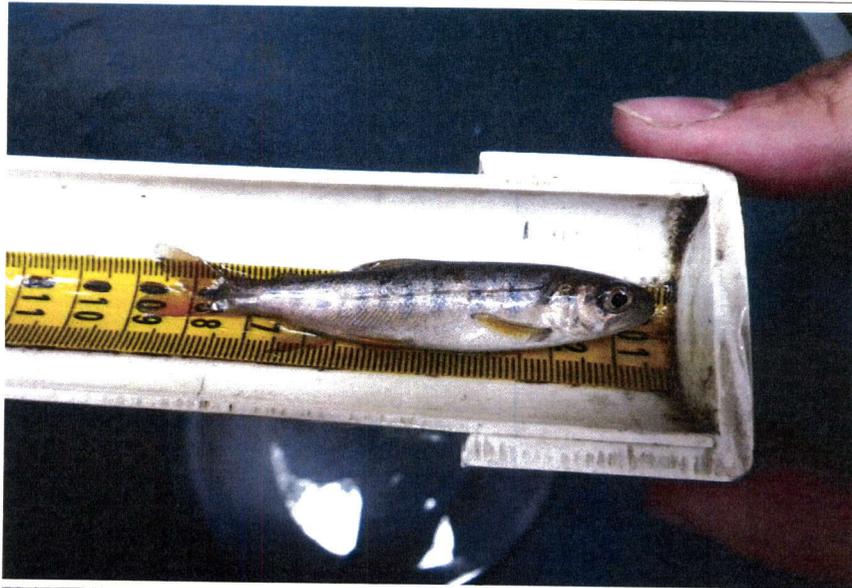
IMG7127.jpg  
looking downstream from  
tailwater control



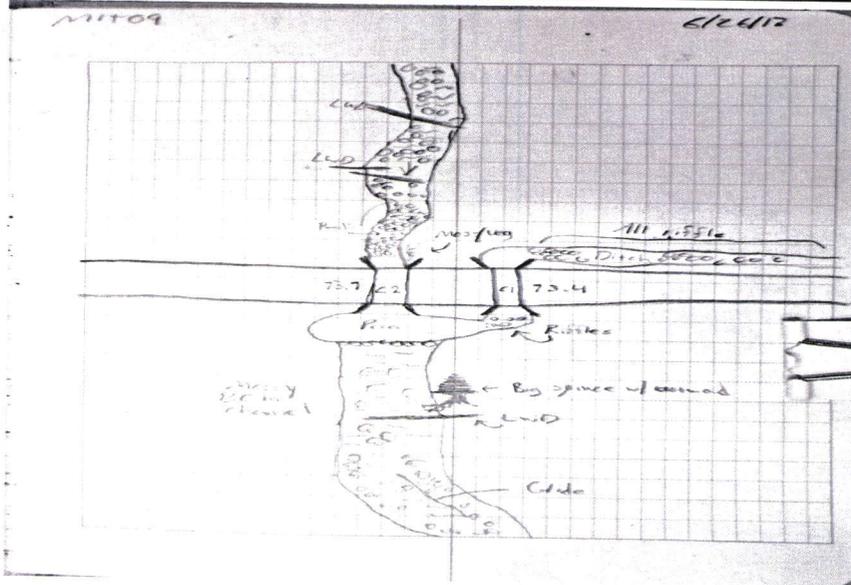
IMG7128.jpg  
fish Id



IMG7129.jpg  
fish Id



IMGP7130.jpg  
fish Id



IMGP8925.jpg  
site sketch

**Mitkof Highway 3 Addition**

**Stream:** Mitkof Highway 3

**Watershed:** Stikine River-Frontal Stikine Strait

**MTRS:** C061S082E, Petersburg C-2

**Date Surveyed:** May 19 and May 20, 2013

**Findings:** We surveyed this uncataloged stream and found juvenile pink and coho salmon in the lower section of the stream (Table 1). There are double culverts under the Mitkof Highway with a two ft. perch and a one ft. deep jump pool (Figure 1). We surveyed upstream until the gradient became steeper and the creek went subterranean (Figure 2). We only caught Dolly Varden above the culvert.

Table 1: Mitkof Highway 3 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
120	56.5652	-132.5964	Mouth of stream in intertidal zone. Tracking up.		
121	56.5653	-132.5964		EF	4 P
122	56.5655	-132.5966		EF	1 CO, 2 DV
123	56.5661	-132.5968		EF	2 DV
124	56.5663	-132.5969	Double culvert from under road. About 2 ft. perch with 1 ft. deep pool.	EF	4 DV
125	56.5665	-132.5969	Continuing where we left off yesterday. Upstream end of double culvert. There is one stream coming down from the north and another from the east. We are tracking the east stream first.		
126	56.5666	-132.5967		EF	1 DV ~ 60 mm
127	56.5670	-132.5963	Calling it the top. The stream seeps out from the ground. We have not caught fish up to this point.	EF	No fish
128	56.5669	-132.5969	Tributary entering river left. Tracking and electrofishing up.		
129	56.5671	-132.5967	Top of tributary. Water comes out from under a tree and the channel is completely dry above this point.	EF	No fish
130	56.5670	-132.5968		EF	2 DV ~ 60 mm
131	56.5672	-132.5969		EF	3 DV ~ 60 mm
132	56.5682	-132.5982	Calling it the top. We electrofished up and caught no fish. Water is still flowing but it is subterranean and a steeper gradient.	EF	No fish

Area to be added.





Figure 1: Downstream side of perched double culverts under Mitkof Highway.



Figure 2: Mitkof Highway 3 addition map.