



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

Fish Survey
Nomination Form
Anadromous Waters Catalog

Region: Southeast

USGS Quad: Petersburg C-2

Anadromous Waters Catalog Number of Waterway: _____

Name of Waterway: Unnamed

USGS Name

Local Name

Addition

Deletion

For Office Use

Correction

Backup Information

Nomination # <u>140174</u>	Fisheries Scientist _____	Date _____
Revision Year: <u>2015</u>	Habitat Operations Manager _____	Date _____
Revision to: Atlas _____ Catalog _____	<u>9/1</u> AWC Project Biologist _____	<u>6/11/14</u> Date
Revision Code: <u>F-2</u>	Cartographer _____	Date _____

Site Information Station: SEA13MIT07 Date Observed: 06/25/2013 Legal Desc.: C061S082E

Latitude: 56.56591 Longitude: -132.59830 Datum: _____

Station Comments: No FID

Observation Information

Life History:

Species\LifeStage: Dolly Varden juvenile/adult

Sampling Method (No. of fish): B (17)

Key to Sample Method

Sample ID: (A) Sample Gear: Minnow Trap

Sample ID: (B) Sample Gear: Minnow Trap

~~Anadromy~~
Anadromy unknown

ALASKA DEPT. OF
FISH & GAME

JUN 5 2014

Additional Comments: This additional nomination provides information to support fish presence for juvenile/adult dolly varden for an unnamed uncataloged waterbody that drains into the Koknuk Flats of Sumner Strait on the south enhd of Mitkof Island. This information was collected as part of the ADF&G Fish Passage Project. Downstream trap was located 25' from culvert, and produced 17 juvenile and adult dolly varden. Stream is close to the ocean but culvert is above tidal influence. Above the inlet, bedrock control of stream begins at 75' above inlet, this appears to be due to the road prism itself and constriction. Sediment is actively aggrading as water slows and backs up during high flows, causing sediment to drop out and pile up. Flow is strong enough at times to avoid sedimentation. Stream gradient increases to >10% above the bedrock control. Dolly Varden trapped downstream, no fish upstream. C2 has moss growing on the floor of the culvert and clearly takes less flow than C1. An inlet perch is formed by cobbles and boulders at both inlets. Gradient between inlet and bedrock control is 6.22%.

Name of Observer: Mark Eisenman, Habitat Biologist

Phone: (907) 267-2891

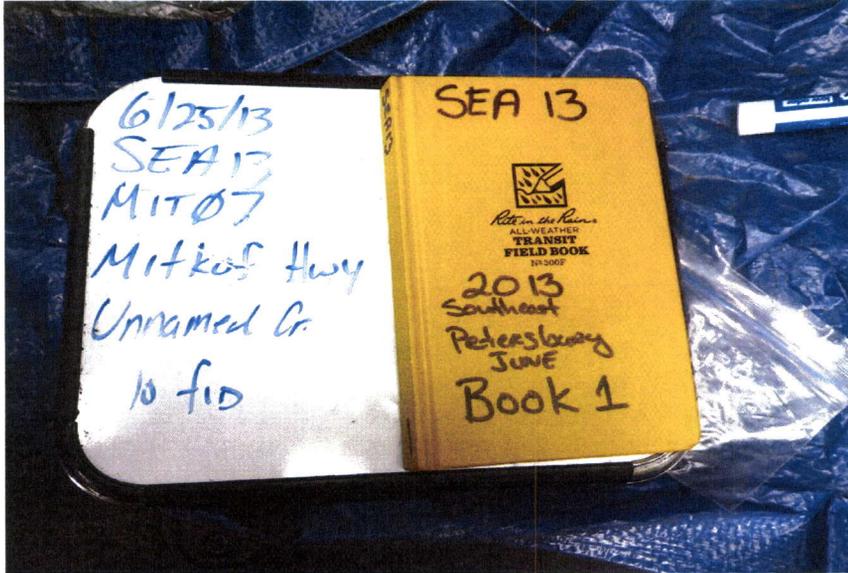
Date Printed: 6/3/2014

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: _____



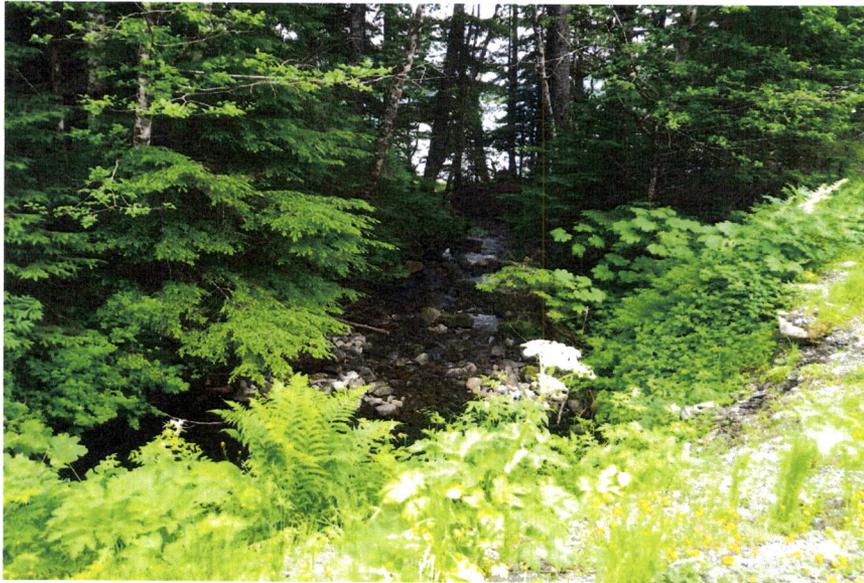
IMGP7059.jpg
Site ID



IMGP7060.jpg
Road



IMGP7061.jpg
from road looking u/s



IMGP7062.jpg
From Road Looking D/S



IMGP7063.jpg
outlets



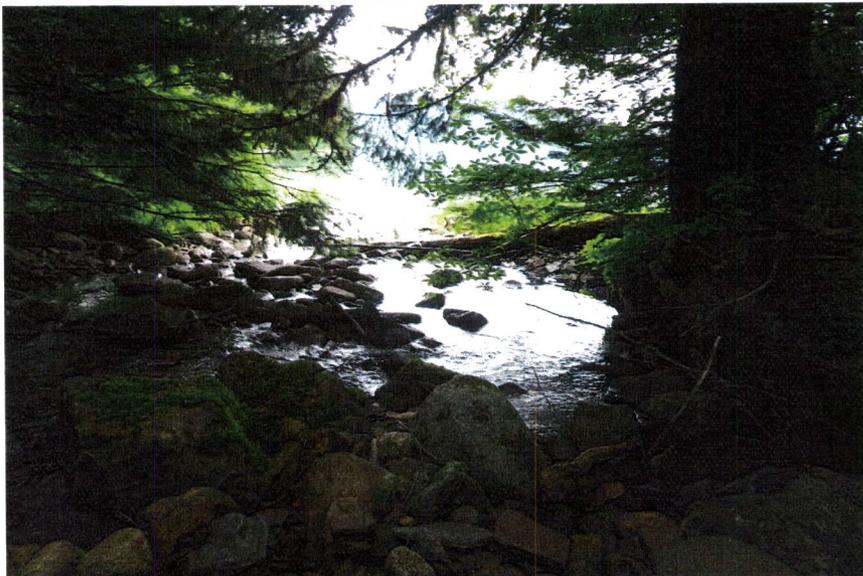
IMGP7064.jpg
c2 outlet



IMGP7065.jpg
c1 outlet



IMGP7066.jpg
Looking downstream from
outlet



IMGP7067.jpg
about 200 feet d/s in tidal
influence



IMG7068.jpg
downstream looking up at
outlets



IMG7069.jpg
in C2 outlet



IMG7070.jpg
c2 perch



IMGP7071.jpg
in c1 outlet



IMGP7072.jpg
outlet from above stream left



IMGP7073.jpg
inlets



IMGP7074.jpg
inlets



IMGP7075.jpg
inlets



IMGP7076.jpg
c1 inlet



IMGP7077.jpg
c2 inlet



IMGP7078.jpg
c1 inlet



IMGP7079.jpg
in c1 inlet



IMGP7080.jpg
upstream from inlets



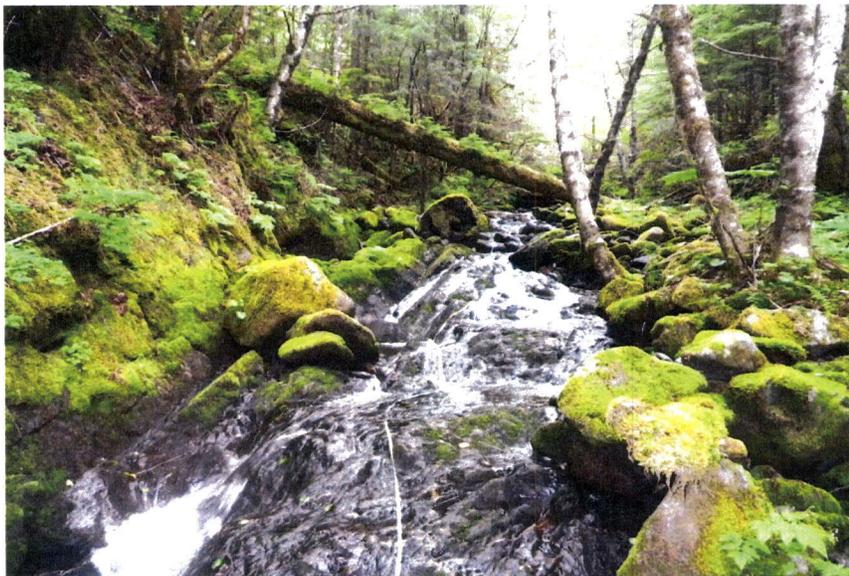
IMGP7081.jpg
c2 inlet



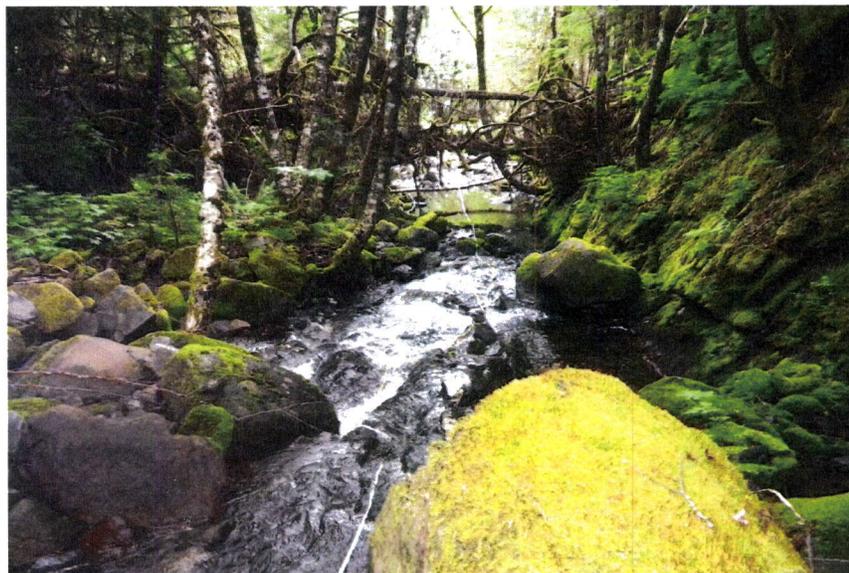
IMGP7082.jpg
in c2 inlet



IMG7083.jpg
about 85 feet upstream from
inlets



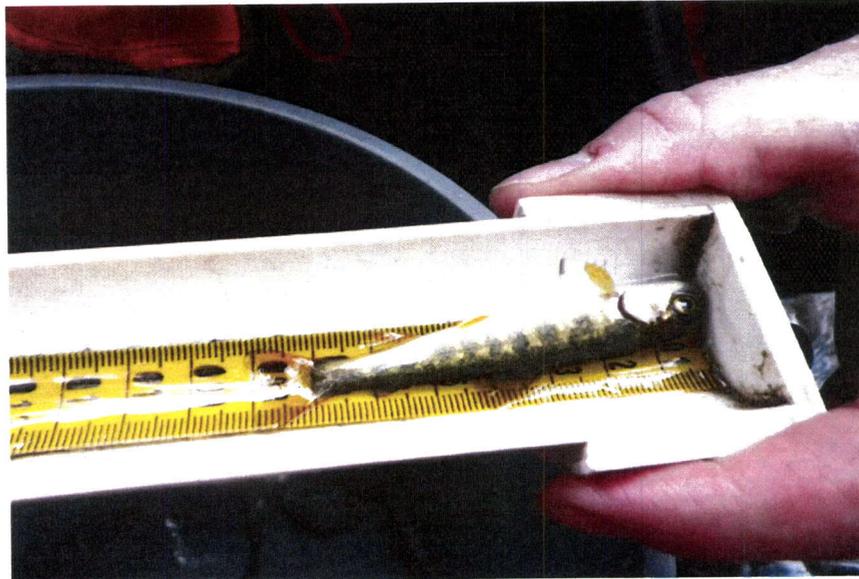
IMG7084.jpg
looking upstream from 85 feet
upstream



IMG7085.jpg
looking downstream at inlets
from about 160 feet upstream



IMGP7086.jpg
fish id dolly varden



IMGP7087.jpg
fish id dolly varden



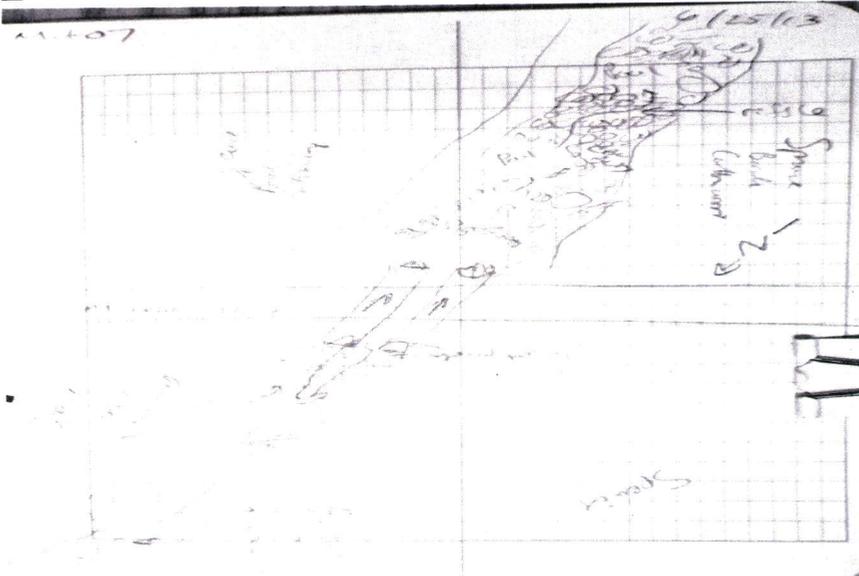
IMGP7088.jpg
fish id dolly varden



IMGP7089.jpg
fish id dolly varden



IMGP7090.jpg
fish id dolly varden



IMGP8923.jpg
site sketch

