



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

Nomination Form
Anadromous Waters Catalog

M
NW

Region Southcentral USGS Quad(s) Seward D-6

Anadromous Waters Catalog Number of Waterway 247-60-10250-2001

Name of Waterway Unnamed Tributary Glacier Creek USGS Name Local Name

Addition Deletion Correction Backup Information

For Office Use

Nomination # <u>130089</u>	<u>[Signature]</u> Fisheries Scientist	<u>5/27/13</u> Date
Revision Year: <u>2014</u>	<u>[Signature]</u> Habitat Operations Manager	<u>8/27/13</u> Date
Revision to: Atlas _____ Catalog _____ Both <u>X</u>	<u>[Signature]</u> AWC Project Biologist	<u>6/13/13</u> Date
Revision Code: <u>A-2</u>	<u>[Signature]</u> Cartographer	<u>9/12/13</u> Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Juvenile coho (4)	5/20/2013		X		<input checked="" type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>

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 May 22, 2013 Trip Report.

Add new stream w/ take salmon Rearing

ALASKA DEPT. OF FISH & GAME
MAY 22 2013

Name of Observer (please print): William Frost

Signature: [Signature] Date: 5/22/2013

Agency: ADF&G, Division of Habitat

Address: 333 Raspberry Road
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: _____ Revision 05/08

Name of Area Biologist (please print): _____

MEMORANDUM

State of Alaska

Department of Fish and Game
Division of Habitat

TO: Michael Daigneault
Central Region
Regional Supervisor

DATE: May 22, 2013

PHONE NO: 267-2813

FROM: Will Frost *WF*
Habitat Biologist

SUBJECT: Seward Highway MP 75-90
May 2013

The Department of Transportation and Public Facilities is proposing to rehabilitate about 15 miles of the Seward Highway between mile post (MP) 75 and 90. The purpose of this project is to address safety problems, road deficiencies, and congestion south of Anchorage. A southbound bypass road is proposed to be constructed through wetlands south of the existing highway near MP 90. On May 20, 2013, I conducted a site visit to waterbodies in the Girdwood area near MP 90. I used baited minnow traps to assess fish presence.

I set four traps in an unnamed pond located south of the Seward Highway and three traps in the ditch located adjacent to the south embankment of the highway (Figures 1 through 4). The traps soaked about four hours. The traps captured stickleback. The pond and ditch are connected to a small stream that flows into Glacier Creek (Stream No. 247-60-10250 (Figure 5)). The stream flows subsurface in the area of a former runway that existed in this location prior to the 1964 earthquake. Near the location of the south side of the runway, water was observed flowing out of the ground (Figure 6). An abandoned culvert may be located under the old runway and is blocking fish passage. Below this location, I observed juvenile fish. I set one minnow trap below the old runway. The trap soaked about 3 hours. The trap captured four juvenile coho salmon about 90-110 mm fork length and about 75 stickleback (Figure 7). The proposed bypass road may be located at this site. The stream will be nominated to the Anadromous Waters Catalog. The bypass road will be required to restore fish passage into the pond.

A large concentration of nesting gulls, terns and ducks were observed in the area of the pond. Nests and eggshell fragments were observed on the ground. The gulls and terns displayed aggressive behavior while I walked around the pond. The pond is a nesting area for these bird species.



Figure 1. Unnamed pond, Seward Highway MP 90. Note gulls on pond. View to west.



Figure 2. Unnamed pond, Seward Highway MP 90. Note gulls on pond. View to south.



Figure 3. Ditch adjacent to the Seward Highway. View to west.



Figure 4. Ditch adjacent to the Seward Highway. View to east.

Mile Post 90



Figure 5



ADF&G



Figure 6. Water that may be flowing from an abandoned culvert located in a tributary to Glacier Creek.



Figure 7. Juvenile coho salmon and stickleback located below the culvert.

cc: D. Bosch, ADF&G
J. Coltrane, ADF&G
A. Ott, ADF&G
T. Tobish, MOA
H. Sanders, ADOT&PF
P. Janke, ADOT&PF

add new stream 247-60-10250-2001
w/coho salmon rearing, use frostscn_may\Current.shp
for hydro; BDL ortho

