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

Nomination Form
Anadromous Waters Catalog

Region: South Central

USGS Quad(s): Cordova C-5

Anadromous Waters Catalog Number of Waterway:

Name of Waterway: Heney Creek

☐ USGS Name ☒ Local Name

☒ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination #	11-126		
		Fisheries Scientist	Date
Revision Year:	2012		
Revision to:	Atlas ____ Catalog ____	Habitat Operations Manager	Date
	Both ____		10/25/11
		AWC Project Biologist	Date
Revision Code:	F-3		
		Cartographer	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Pink	1974	X			☐
Chum	1974	X			☐
dolly varden	2-11-11		X		☐
					☐
					☐

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:

Notes attached from 1974 observations by USFS.

map where dolly varden were collected, 2-11-2011.
GPS coordinates: N 60° 31.392' W 145° 46.625

Name of Observer (please print): RICHARD BRENNER

Signature: Richard E. Brenner

Date: 2/2/2011

Agency:

Address:

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: [signature] Date: 2/11/2011

Revision

02/08

I found a second document that has ADF&G at the top and Alaska Salmon Streams, but it doesn't list the species. It doesn't have a date, but it was in another document from 1974. In any case, there is an established record of salmon in Heney Creek. Also, note that Odiak Slough is listed on both documents, with the first document saying that there are SS (silver salmon) there.

Ken Hodges
Fisheries Biologist, USDA Forest Service
Cordova Ranger District, Chugach National Forest

The RED system!

Alaska Department of Fish and Game
Cordova, Alaska

Sequential List of Stream Numbers, by Management District, for Prince William Sound, Alaska Salmon Streams

ADF&G Stream Number	USFWS 1957 System	USFWS 1924 System	Statistical Area Number	Stream Name	Descriptive Location
I. EASTERN DISTRICT					
1			221-10		Hartney Bay, Orca Inlet
2	1	1		Hartney Creek	Hartney Bay, Orca Inlet
3				Nicolet Creek	Three Mile Bay, Orca Inlet
4	2	2		Heney Creek	Three Mile Bay, Orca Inlet
5	2A			Eccles Creek	Whiskey Slough, Orca Inlet
6				Odiak Slough	Orca Inlet
7				Ocean Dock Creek	Orca Inlet
8	5	5		Fleming Creek	Orca Inlet
9	5A			Crater Lake Creek	Nefco Cannery, Orca Inlet
10	5B			Little Humpy Creek	Humpy Cove, Orca Inlet
11	4	4		Humpy Creek	Humpy Cove, Orca Inlet
12				Shepard Creek	Shepard Spit, Orca Inlet
13	5	5			Nelson Bay, Orca Inlet
14	5A				Nelson Bay, Orca Inlet
15	5B			Nelson Creek	Nelson Bay, Orca Inlet
16				Rude River	Nelson Bay, Orca Inlet
17	6	6	221-10	Goat Creek	Nelson Bay, Orca Inlet
1	6A		221-20	Hidden Creek	Hidden Lagoon, Simpson Bay
1[illegible]	7	7		Twin Lakes Creek	Simpson Bay
2	7A			Spring Creek	Simpson Bay
21	8	8		Isaque Creek	Simpson Bay
22	9	9			Simpson Bay
23	10	10		Chase River	Simpson Bay
24	10A				Simpson Bay
25	10B				Simpson Bay
26	10C			Simpson Creek	Simpson Bay
27				Smith Creek	Simpson Bay
28				Jurkee Creek	Alice Cove
29					Sheep Bay
30					Sheep Bay
31					Sheep Bay
32					Sheep Bay
33	10W				Sheep Bay
34	10X				Sheep Bay
35	11	11		Krippen Creek	Sheep Bay
36	12	12		Sheep River	Sheep Bay
37	13	13		Allen Creek	Sheep Bay
38					Sheep Bay
39			221-20		Sheep Bay

I found a second document that has ADF&G at the top and Alaska Salmon Streams, but it doesn't list the species. It doesn't have a date, but it was in another document from 1974. In any case, there is an established record of salmon in Heney Creek. Also, note that Odiak Slough is listed on both documents, with the first document saying that there are SS (silver salmon) there.

Ken Hodges
Fisheries Biologist, USDA Forest Service
Cordova Ranger District, Chugach National Forest

Catalogued ADF&G Fish Stream

Stream Name & Number	USGS Quad	Stream Mileage	Lake Number and Acres	Anadromous Species
# 2 HARTNEY CREEK	COR C-5 D-5	7.5	121L - 30 ACRES	PS, CS
3 NICOLET CREEK	COR C-5	1		PS
4 HENEY CREEK	COR C-5	2.5		PS, CS
5 ECCLES CREEK	COR C-5	1		PS, CS
6 ODIAK SLOUGH	COR C-5	1.3		SS
7 OCEAN DOCK CREEK	COR C-5	.1		
8 FLEMING CREEK	COR C-5	1.5		PS, CS
*9 CRATER LAKE CREEK	COR C-5	1	109L CRATER LAKE - 30 ACRES	PS
#11 HUMPY CREEK	COR C-5	4		PS
*12 SHEPARD CREEK	COR C-5	.4		
*13	COR C-5	2.1		PS
*14	COR C-5	.9		PS
16 RUDE RIVER	COR C-5 D-5 C-4 D-4	149		PS
# 21 ROGUE CREEK	COR C-5	5		PS, CS
*22	COR C-5	2.5		PS
# 23 RAGING RIVER	COR C-5	5.2		PS, CS
# 26 SIMPSON CREEK	COR C-5 D-5	28.5		PS, CS
34	COR C-6	.9		PS
35 KOPPEN CREEK	COR C-6 C-5	4		PS, CS
36 SHEEP RIVER	COR C-6 C-5 D-5	8.5	138L - 70 ACRES	PS, CS
# 38	COR C-6	11		PS
*39	COR C-6	.4		
40 GRAVINA POINT CREEK	COR C-7 C-5	2		PS
# 41 PASS CREEK	COR C-6	3		PS, SS
42	COR C-6	.3		PS
# 45	COR C-6	7		PS, SS
# 46	COR C-6	6.5		PS, CS
47 NATIVE CREEK	COR C-6	1.5	142L - 50 ACRES	PS
48 BEARTRAP RIVER	COR D-6	7	301L - 160 ACRES	PS, CS
	TOTAL	247.8		

* TOTAL INFORMATION ON STREAM NOT AVAILABLE
# STREAMS IN WHICH PART OF SYSTEM IS IN FOREST LAND

Johnson, J D (DFG)

From: Marie, Megan E (DFG)
Sent: Friday, February 11, 2011 3:20 PM
To: Brenner, Richard E (DFG)
Cc: Johnson, J D (DFG); Moffitt, Steve D (DFG)
Subject: RE: Heney Creek

Thanks Rich. Its good to have documentation so I can exercise our authority under AS 16.05.841 (Fish Passage).

I will be in town on the 28th and am hoping to meet with Jim on site at that time.

Megan Marie
ADF&G Habitat
(907) 267-2446

From: Brenner, Richard E (DFG)
Sent: Friday, February 11, 2011 3:16 PM
To: Marie, Megan E (DFG)
Cc: Johnson, J D (DFG); Moffitt, Steve D (DFG)
Subject: Heney Creek
Importance: High

Hi Megan,

At my request Kate Arduser, volunteer with the Copper River Watershed Project, brought in a fish from Heney Creek this afternoon. She collected it ¼ mile above the Whiteshed Road bridge. Coordinates were taken but have not yet been sent to me.

We keyed the fish out as a juvenile Dolly Varden with the following characteristics:

114 mm snout-to-fork
anal fin rays 10-11
parr marks on sides thicker than light areas
no black spots on back and sides (difficult to determine though)
vomerine teeth only present at the head of the vomer

Based on this, we would encourage a designation for Heney Creek as rearing habitat for Dolly Varden

-Rich

Rich Brenner, Ph.D.
Assistant Area Research Biologist
Prince William Sound & Copper River

Alaska Department of Fish and Game
Division of Commercial Fisheries
PO BOX 669
Cordova, AK 99574
phone: 907-424-3212
fax: 907-424-3235
e-mail: richard.brenner@alaska.gov

Figure 1. Trap Locations and Location of Fish Presence

Heney Creek Fish Survey Report
Cordova, Alaska

Prepared for Copper River Watershed Project
June 2011

Lower Reach of Heney Creek, June 2011
Looking upstream near Fish Trap 14

Executive Summary

The lower reach of Heney Creek has recently been disturbed due to bank clearing and disturbance in the Creek. Due to this disturbance the Copper River Watershed Project surveyed the Creek to document the presence/absence of anadromous fish species. Visual survey and minnow trapping was conducted in February and June of 2011 by Kate Arduser. One fish was observed during the surveys, a Dolly Varden that had recently died. No other fish were found. Although no other fish were found, local residents report that salmon use the creek. To further document fish presence, an electrofishing effort by ADF&G biologists may occur later this summer when adult pink salmon are expected to be in the creek.

Survey Conditions

In February conditions were rainy with calm winds and 34° F. A moderate rain event began two days before traps were set and persisted throughout the survey period. Water levels rose during the trapping effort. In June conditions were overcast with calm winds and 52° F. Water was present in the Creek throughout the surveyed reach.

Methods

A visual survey for fish was performed and minnow traps baited with sterilized commercial eggs were set along an approximately 0.7 mile long reach of Heney Creek, upstream and downstream of the Heney Creek Bridge on Whiteshed Road (Figure 1). Traps were set in pools created by large woody and manmade debris. Traps were given an adequate time to soak before being checked. Pictures, GPS coordinates, and water depth were recorded at each trap site.

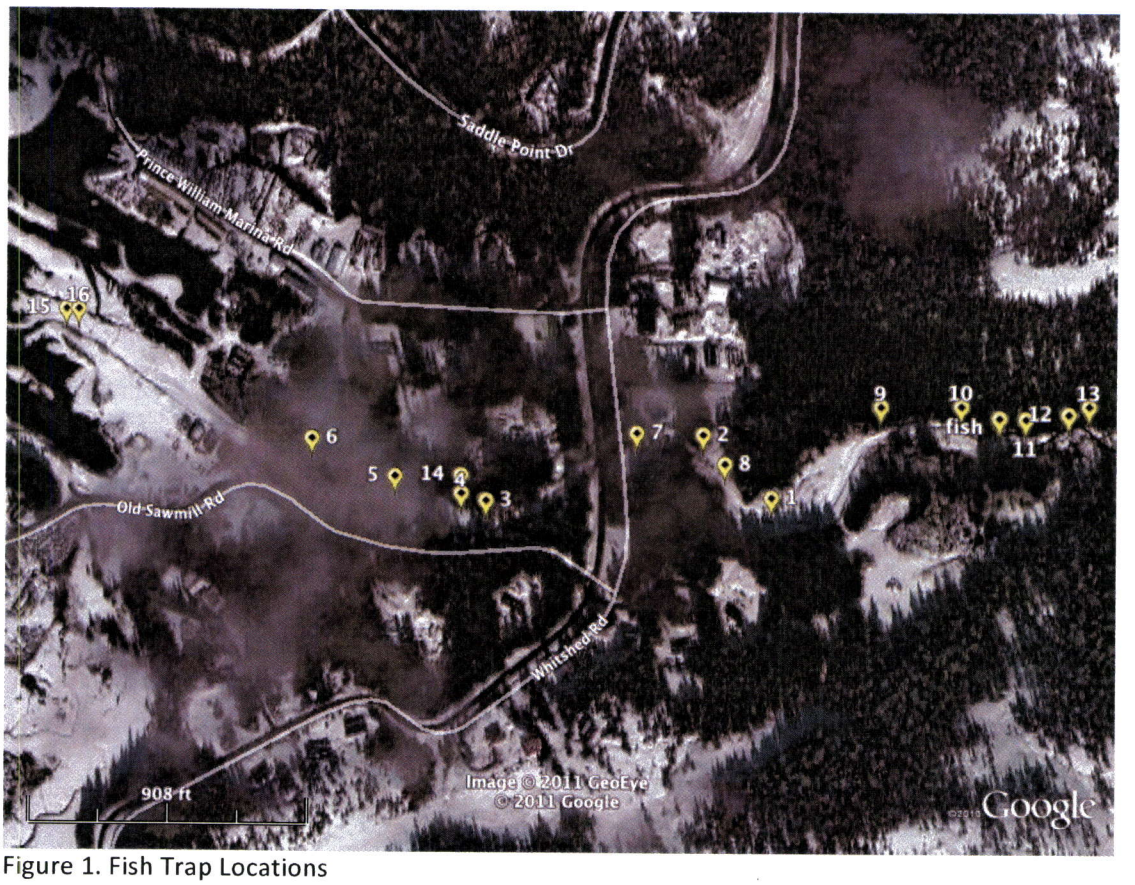

Figure 1. Fish Trap Locations

Results

No fish were caught in the minnow traps. During the February survey, one dead fish was found drifting in a shallow rocky section approximately 0.25 mile upstream from the bridge, at 60.523200 -145.777083 (Figure 1, labeled as fish; Figure 2).

Figure 2. Dolly Varden found at 60.523200 -145.777083

Upon request of the ADF&G the fish was collected at the site and submitted to ADF&G biologist Rich Brenner in Cordova. Mr. Brenner said he would return the fish to its capture site. The fish was identified by the ADF&G as a Dolly Varden trout. Table 1 shows survey locations.

Table 1. Fish Survey

Trap	Latitude	Longitude	Date Set	Time Set	Time Checked and Re-baited	Date Pulled	Time Pulled	Depth (inches)	Species
1	60.52252	-145.78092	2/10/11	1214	1740	2/11/11	1028	20	none
2	60.52305	-145.78208	2/10/11	1227	1744	2/11/11	1034	27	none
3	60.52248	-145.78580	2/10/11	1243	1751	2/11/11	1042	14	none
4	60.52254	-145.78623	2/10/11	1253	1755	2/11/11	1054	21	none
5	60.52269	-145.78737	2/10/11	1307	1801	2/11/11	1100	25	none
6	60.52301	-145.78881	2/10/11	1315	1805	2/11/11	1009	11	none
7	60.52306	-145.78322	6/8/11	1014	N/A	6/8/11	1705	31	none
8	60.52280	-145.78171	6/8/11	1021	N/A	6/8/11	1702	35	none
9	60.52329	-145.77908	6/8/11	1032	N/A	6/8/11	1657	31	none
10	60.52330	-145.77773	6/8/11	1043	N/A	6/8/11	1655	26	none
11	60.52319	-145.77664	6/8/11	1046	N/A	6/8/11	1653	25	none
12	60.52323	-145.77592	6/8/11	1053	N/A	6/8/11	1649	36	none
13	60.52330	-145.77558	6/8/11	1056	N/A	6/8/11	1647	27	none
14	60.52470	-145.78623	6/8/11	1127	N/A	6/8/11	1720	18	none
15	60.52412	-145.79325	6/8/11	1136	1802	6/9/11	0832	11	none
16	60.52412	-145.79303	6/8/11	1138	1005	6/9/11	0835	22	none
Visual Survey	60.52320	-145.77708	N/A	N/A	N/A	N/A	N/A	N/A	Dolly Varden