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

Nomination Form
Anadromous Waters Catalog

Region: SouthCentral USGS Quad(s): Seward D-4

Anadromous Waters Catalog Number of Waterway: 224-10-14210

Name of Waterway: Mill Creek ☐ USGS Name ☒ Local Name

☒ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination #: 120280

Revision Year: 2013

Revision to: Atlas ____ Catalog ____ Both X

Revision Code: F-1

	Date
Fisheries Scientist	
Habitat Operations Manager	
AWC Project Biologist	6/20/12
Cartographer	

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
(1) Sockeye	8/29/2010			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: name added 11-003

ADD LOCAL NAME

Sockeye - ground survey

60.95497297

-148.32753584

Name of Observer (please print): RICHARD BRENNER

Signature: Richard E. Brenner

Date: 12/2/2010

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: 12-3-2010 Revision

02/08

Survey_Date	Stat_Week	Stream Name	AWC Code	Aerial stream #	Latitude	Longitude	Species_Sampled	live Chum	Dead Chum	Live Pink	Dead pink	Comments
8/21/2007	34	Mill Creek	224-10-14210	421	60.954080000	-148.327860000		100	150	10000	5000	**Fish counts in intertidal zone**
9/3/2007	36	Mill Creek	224-10-14210	421	60.954080000	-148.327860000		125	250	20000	8000	Live Chum:100-150 Live Pink:20000+
7/28/2008	31	Mill Creek	224-10-14210	421	60.954080000	-148.327860000	Chum	110	0	3000	0	Brenner, Brewer, Behrends, McMahon. Not enough chums to kill any. We conducted a very thorough survey. 1 bear.
8/18/2008	34	Mill Creek	224-10-14210	421	60.954080000	-148.327860000	Chum	400	80	5000	1000	Behrends and Apgar-Kurtz. 1 black bear.
8/18/2008	34	Mill Creek	224-10-14210	421	60.954080000	-148.327860000	Pink	400	80	5000	1000	Behrends and Apgar-Kurtz. 1 black bear.
9/28/2008	40	Mill Creek	224-10-14210	421	60.954080000	-148.327860000	Pink	0	100	10	8000	R. Brenner, J. Canfield and Dave Anderson collected a full sample on a beautiful, clear, warm morning, just after low tide. 0 bears.
8/21/2009	34	Mill Creek	224-10-14210	421	60.954080000	-148.327860000	Chum	1500	400	4500	250	J. Canfield, K. Froning, B. Behrends. Surveyed and sampled Mill Creek. It was a beatiful sunny day. The tide comes in very fast so carcasses need to be collected on the tidal flats first. 0 bears.
8/21/2009	34	Mill Creek	224-10-14210	421	60.954080000	-148.327860000	Pink	1500	400	4500	250	J. Canfiled, K. Froning, B. Behrends. Surveyed and sampled Mill Creek. It was a beatiful sunny day. The tide comes in very fast so carcasses need to be collected on the tidal flats first. 0 bears.
9/5/2009	36	Mill Creek	224-10-14210	421	60.954080000	-148.327860000	Chum	200	400	2000	700	B. Behrends, K. Froning and A. Kelly surveyed and sampled Mill Creek. We arrived a half hour after low tide. We collected 130 chum otoliths. No bears.
9/5/2009	36	Mill Creek	224-10-14210	421	60.954080000	-148.327860000	Pink	200	400	2000	700	B. Behrends, K. Froning and A. Kelly surveyed and sampled Mill Creek. We arrived a half hour after low tide. We collected 130 chum otoliths. No bears.
8/11/2010	33	Mill Creek	224-10-14210	421	60.954080000	-148.327860000	Chum	1000	200	10000	450	R.Brewer, C.Canfeld, R.Brenner, G.Gonzalez, We arrived on a rapdly rising tide, had to work quckly, but got 2 full samples.2 Black bears.
8/11/2010	33	Mill Creek	224-10-14210	421	60.954080000	-148.327860000	Pink	1000	200	10000	450	R.Brewer, C.Canfeld, R.Brenner, G.Gonzalez, We arrived on a rapdly rising tide, had to work quckly, but got 2 full samples.2 Black bears.
8/29/2010	36	Mill Creek	224-10-14210	421	60.954080000	-148.327860000	Chum	425	1800	12900	4000	S.Moffitt, R.brewer, K.Froning, J.Canfield, sampled at rising tide. Plenty of chum carcasses, and pinks as well, made for fast sampling. Sunny day! **One Sockeye.** 0 Bears.
8/29/2010	36	Mill Creek	224-10-14210	421	60.954080000	-148.327860000	Pink	425	1800	12900	4000	S.Moffitt, R.brewer, K.Froning, J.Canfield, sampled at rising tide. Plenty of chum carcasses, and pinks as well, made for fast sampling.Sunny day! One Sockeye. 0 Bears.
9/10/2010	37	Mill Creek	224-10-14210	421	60.954080000	-148.327860000	Chum	55	200	4000	4500	Jim O'Rourke, Katie Froning, and Jane Allen sampled a rising tide with lots of pink and chum carcasses. Lots of sunshine. 0 Bears.
9/10/2010	37	Mill Creek	224-10-14210	421	60.954080000	-148.327860000	Pink	55	200	4000	4500	Jim O'Rourke, Katie Froning, and Jane Allen sampled a rising tide with lots of pink and chum carcasses. Lots of sunshine. 0 Bears.
8/8/2012	32	Mill Creek	224-10-14210	421	60.954080000	-148.327860000	Chum	450	19	7575	40	P. Haas and M. Johnson sampled chum carcasses in ideal conditions. 0 Bears.
8/18/2012	33	Mill Creek	224-10-14210	421	60.954080000	-148.327860000	Chum	1000	234	8700	400	R. Haas and M. Johnson did a sample and survey at low tide. Good conditions. 3 Sportfish boats in the vicinity. 1 black bear.

Johnson, J D (DFG)

From: Brenner, Richard E (DFG)
Sent: Monday, August 27, 2012 5:21 PM
To: Johnson, J D (DFG)
Cc: Kuntz, Angela Z (DFG); Moffitt, Steve D (DFG)
Subject: RE: recent noms
Attachments: 2007_2012_AWC_Observations.xlsx

Hi J,

Please see attached spreadsheet with ground counts of pink and chum salmon (live and dead) within streams. I have also highlighted all instances of **sockeye** and **coho** in the comments section (column Y). Streams are listed in alphabetical order but you can just as easily be sorted by AWC #.

I have been to all of these locations and can confirm that they all have lots of spawning pink salmon. Similarly, I can confirm spawning chum salmon at all locations for which they were nominated. However, 2 nominations below should probably be rescinded because:

(1) Only one sockeye was observed at Mill Creek
(2) Only 1 coho carcass observed at Jackson Creek

The remainder of the nominations can be backed up in the spreadsheet with observations of multiple fish of a particular species. I have added a few additional comments below. Please let me know if you have additional questions.

rich

From: Johnson, J D (DFG)
Sent: Friday, August 24, 2012 10:22 AM
To: Kuntz, Angela Z (DFG)
Cc: Brenner, Richard E (DFG)
Subject: recent noms

Angela/Rich

Need to confirm that live fish were or have been observed (w/numbers counted [at least 2 of each species] where not noted on nom form) at the following locations –

225-30-15080 Solf Creek – pink salmon spawning. **Yes.**
226-40-16730 Falls Creek – pink salmon spawning. **Yes.**

222-50-12580 Jonah Creek – sockeye salmon present. **Yes.**
222-10-12140 Long Creek - sockeye salmon present. **Yes.**
224-10-14210 Mill Creek - sockeye salmon present. **Only 1 sockeye observed.**
224-10-14550 Paulson Creek – pink & chum salmon spawning. **Yes, plus 3 sockeye observed in stream on 8/16/2007.**
223-30-12730 Schoppe Creek - pink & chum salmon spawning. **Yes.**
224-30-14770 Culross Creek - pink & chum salmon spawning: **Yes.**
226-20-16130 Jackson Creek – coho salmon present, pink & chum salmon spawning **Yes for pink and chum salmon spawning. Only 1 coho carcass observed.**
224-10-14540 Halferty Creek – chum & sockeye salmon spawning **Yes, multiple observations of spawning chum and sockeye salmon.**
224-30-14760 Shrode Creek - pink salmon spawning. **Yes.**
227-20-17390 Swamp Creek – coho salmon spawning, sockeye salmon present. **Yes, lots of mature coho observed on multiple occasion. 10 live, mature, sockeye observed upstream on 9/6/2010.**
222-20-12650 Unakwik Creek - pink salmon spawning. **Yes.**

thx

J. Johnson
ADF&G
AWC Project Biologist
267-2337