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

Nomination Form
Anadromous Waters Catalog

Region: South Central

USGS Quad(s): Seward C-4

Anadromous Waters Catalog Number of Waterway: 224-10-14550

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

☒ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination #	120281		
Revision Year:	2013	Fisheries Scientist	11/2/12 Date
Revision to:	Atlas ____ Catalog ____ Both ✓	Habitat Operations Manager	11/2/12 Date
		AWC Project Biologist	9/10/12 Date
Revision Code:	B-1	Cartographer	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Chum (10+)	7/30/08	✓			☐
					☐
pink (5000+)	7/30/08	✓			☐
					☐
					☐

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: Replace pink & chum salmon present w/ spawning as indicated
WGS-84
60.85127768, -148.41393054
Carcass collection of spent dead pink & chum at coordinate location
ground survey STRAY Crew

Name of Observer (please print): Richard Brenner
Signature: Richard E. Brenner Date: 12/9/2010
Agency: ADFG
Address: 401 Railroad
Cordova Alaska

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: 12-9-2010 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
8/16/2007	33	Paulson Creek	224-10-14540	455	60.701340000	-148.395770000		10	10	10000	2000	**3 live sockeye 1 dead sockeye,** chum not in main branch of stream
7/30/2008	31	Paulson Creek	224-10-14550	455	60.701340000	-148.395770000	Chum	10	6	5000	500	Behrends, Bertmaring. Searched whole river. Found 6 dead chums. Conducted a thorough pink survey. 2 black bears.
8/14/2009	33	Paulson Creek	224-10-14550	455	60.701340000	-148.395770000	Chum	150	40	6500	400	K Fronng, J. Canfeld, D. Anderson. The current was strong coming from the creek and there were a lot live pink and pink carcasses, however, there were only a few live and dead chums. We hikes up to the falls and watched the pink's trying to jump up the falls. No bears
8/13/2010	33	Paulson Creek	224-10-14550	455	60.701340000	-148.395770000	Chum	0	35	6000	4000	R.Brewer, G.Gonzalez, sampled at fallng tide. Creek had plenty of pinks, but chums were hard to find. We did not go very far up the creek due to dense brush and bears. 2 Black Bears.
8/28/2010	35	Paulson Creek	224-10-14550	455	60.701340000	-148.395770000	Pink	2	3	2000	3000	Rebecca Brewer, Katie Froning. Sampled at falling tide. Lots more dead than live. Only 3 chum carcasses so we went ahead and got a full pink sample. 0 bears.

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

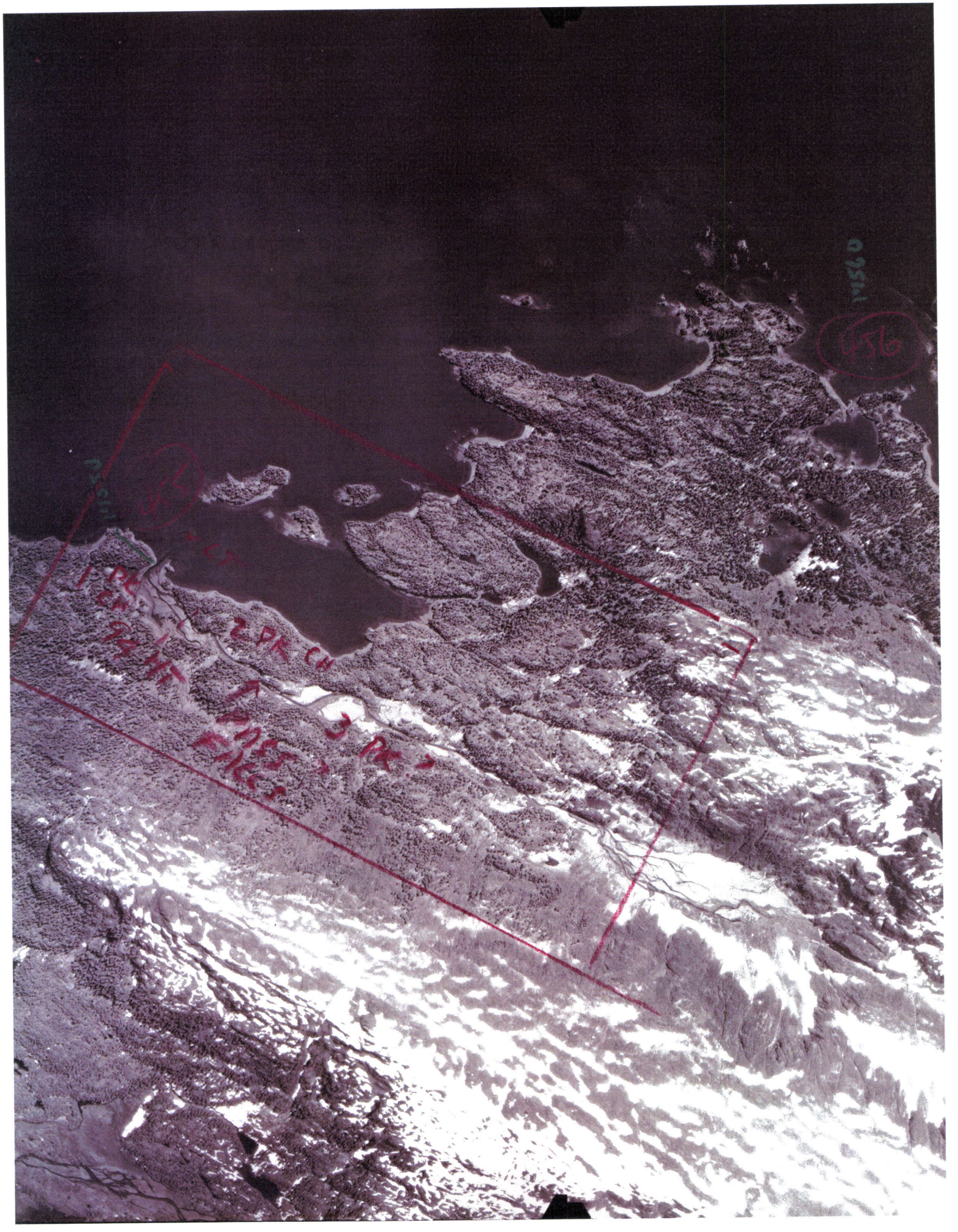
Need to confirm that live fish were or have been observed (w/numbers counted [at least 2 of each species] where not noted on nom form) at the following locations –

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


456
1 PK CH
2 PK CH
3 PK ?

Johnson, J D (DFG)

From: Brenner, Richard E (DFG)
Sent: Tuesday, September 04, 2012 2:30 PM
To: Johnson, J D (DFG)
Subject: FW: 224-10-14550

Hi J,

A bit more information regarding Paulson Creek. I found notes from the crew stating that they observed pink salmon that were "going up the falls". I believe this refers to the fish ladder, which is at approximately: 60.697, -148.403. I think that this would be an appropriate upper extent for the pink and chum spawning designation.

From aerial surveys, Jeremy Botz also reports observing chum salmon "way up stream".

rich

From: Brenner, Richard E (DFG)
Sent: Tuesday, September 04, 2012 2:14 PM
To: Johnson, J D (DFG)
Subject: RE: 224-10-14550

Hi J,

Attached are waypoints at Paulson Creek (224-10-14540)where pink and chum salmon carcasses were sampled during the past few years. Species is indicated on 3 of the 4 files, on the remaining file "Paulson Trip01.txt" these waypoints are for chum salmon carcasses. Of course, the live fish go much further up Paulson than these coordinates, but this is where we found the carcasses. Looking back at trip logs since 2007, I have observed as many as 10,000 live pinks and 150 live chum at Paulson during various visits.

I also found an interesting tidbit on a trip log from Paulson Creek on 8/16/2007: "3 live sockeye 1 dead sockeye,...."

I hope this helps.

Johnson, J D (DFG)

From: Brenner, Richard E (DFG)
Sent: Tuesday, September 04, 2012 2:14 PM
To: Johnson, J D (DFG)
Subject: RE: 224-10-14550
Attachments: Paulson_Trip01.txt; Paulson_Chum_14Aug2009.txt; Paulson_Chums_Straying_13Augs2010.txt; Paulson_Pinks_Straying_28Aug2010.txt

Hi J,

Attached are waypoints at Paulson Creek (224-10-14540)where pink and chum salmon carcasses were sampled during the past few years. Species is indicated on 3 of the 4 files, on the remaining file "Paulson Trip01.txt" these waypoints are for chum salmon carcasses. Of course, the live fish go much further up Paulson than these coordinates, but this is where we found the carcasses. Looking back at trip logs since 2007, I have observed as many as 10,000 live pinks and 150 live chum at Paulson during various visits.

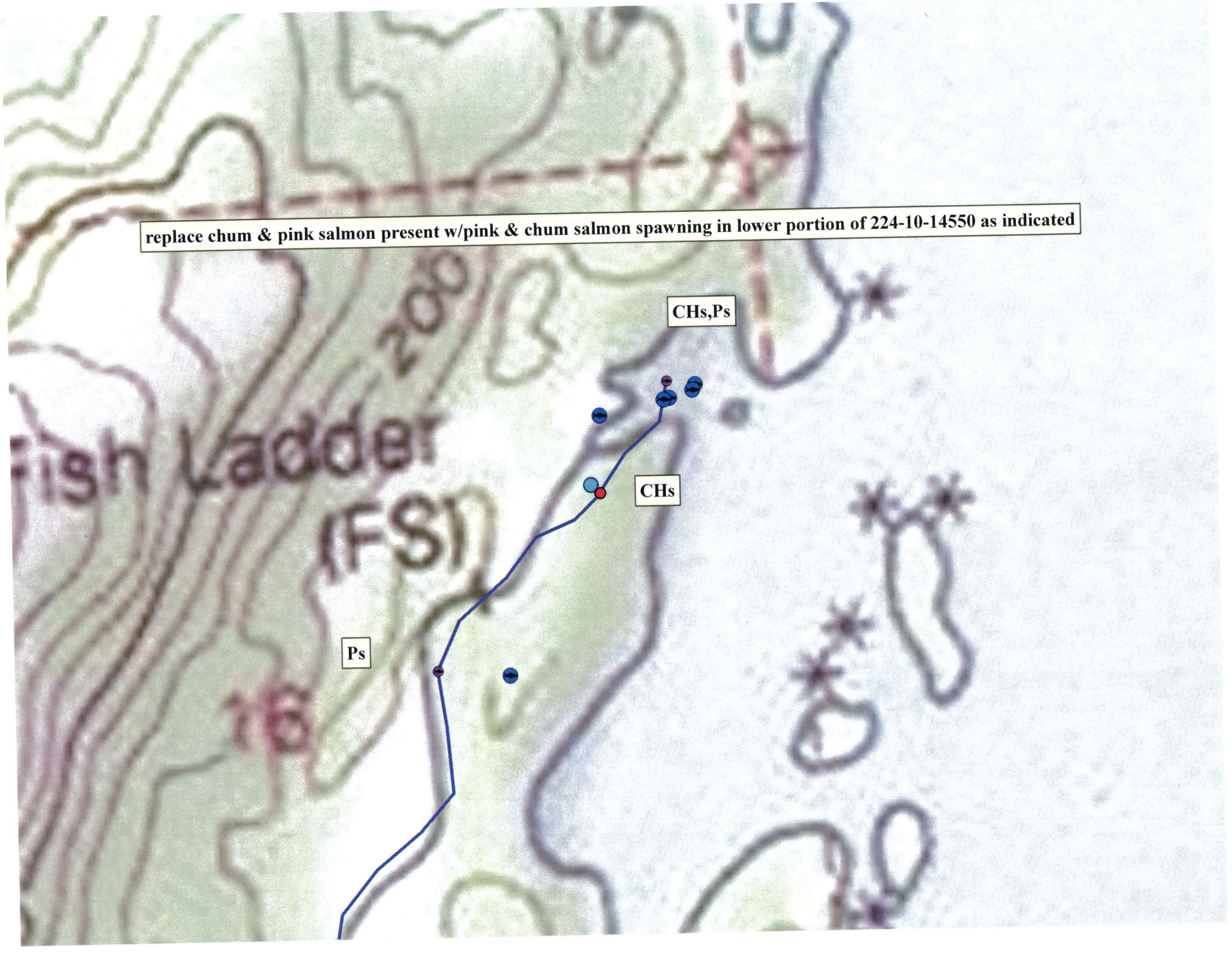
I also found an interesting tidbit on a trip log from Paulson Creek on 8/16/2007: "3 live sockeye 1 dead sockeye,...."

I hope this helps.
rich

From: Johnson, J D (DFG)
Sent: Thursday, August 30, 2012 7:18 AM
To: Brenner, Richard E (DFG)
Subject: 224-10-14550

Rich
Coordinates listed on Paulson Creek nom #12-281 (60.85127768, -148.41393054) plot onto 224-10-14320 (Swanson Creek).
Do you have different coordinate data for upper most pt of pink and chum salmon spawning observations or should I use coordinates listed on spreadsheet ya sent (60.70134, -148.39577)?

J. Johnson
ADF&G
AWC Project Biologist


replace chum & pink salmon present w/pink & chum salmon spawning in lower portion of 224-10-14550 as indicated
CHs,Ps
CHs
Ps
ish Ladder
(FS)