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

Nomination Form
Anadromous Waters Catalog

M

Region: SCN

USGS Quad(s): Talkeetna Mtns B-5

AWC Number of Water Body: 247-41-10200-2370-3180-4041

Name of Water body: East Fork Iron Creek

☑ USGS Name ☐ Local Name

☑ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination #	140279	James J Hasbrouck Fisheries Scientist	9/3/2014 Date
Revision Year:	2015	[signature] Habitat Operations Manager	9/3/14 Date
Revision to: Atlas ___ Catalog ___ Both X		[signature] AWC Project Biologist	8/27/14 Date
Revision Code:	B-6, A-2	[signature] GIS Analyst	9/9/14 Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
CHINOOK (80+)	7/17, 7/24, 7/30	X		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

Chinook were observed by aerial survey & subsequent ground truthing / Sampling confirmed (750) Est. 80 fish between confluence & Canyon section of stream Extend Chinook salmon peerattir 247-41-10200-2370-3180- add Newstream -3180-404 w/Chinook salmon spawning

LOWER N62.34626 W149.16241 UPPER N62.36305, W149.09575

Name of Observer (please print): Matthew Bowes

Signature: [signature]

Date: 8/14/2014

Agency: ADFG

Address: 333 Raspberry Rd
Anch. AK 99509

ALASKA DEPT. OF FISH & GAME
AUG 15 2014

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 11/13

Name of Area Biologist (please print):

East Fork Iron Creek

E.Fork Iron Creek 7/17/2014

Brian Cohn and Matt Bowes departed Talkeetna for East Fork Iron Creek via Alpine helicopter. Once we arrive we survey the creek from its confluence with Iron creek up to N62.35278 W149.12097. Along its length we noted the presences of very few fish totaling approximately 10. We elected to look a little closer at N62.34681 W149.16241. We were able to confirm the 4 fish that we had spotted from the air and then soon located 4 more under some channel edge vegetation. We sampled 4 adult chinook at this location using hook and line w/ bait in about two hours. The water here is swift and landing fish is quite difficult. A number of fish were lost to pulled hooks and broken line. Slowing fish and low numbers of fish present did not warrant more time invested.

Location: N62.34681 W149.16241
Samples collected: 4

East Fork Iron Creek 7/24/2014

Estimated fish present: 80 Chinook
Fish sampled: 34
Shoutis flew to EF Iron and surveyed from the confluence with Iron Creek to just above the only upriver LZ (if water is low enough). Landed and fished/packrafted down to the confluence. Fish estimates from the air were low—saw two or three more fish on for every one spotted from the air. Fish scattered throughout the stretch in groups of 2 or 3, with 5 or so groups with more than 6 fish. Many fish were spawning, but there were also some fresher fish mixed in. All samples were collected using flossing/snagging techniques.

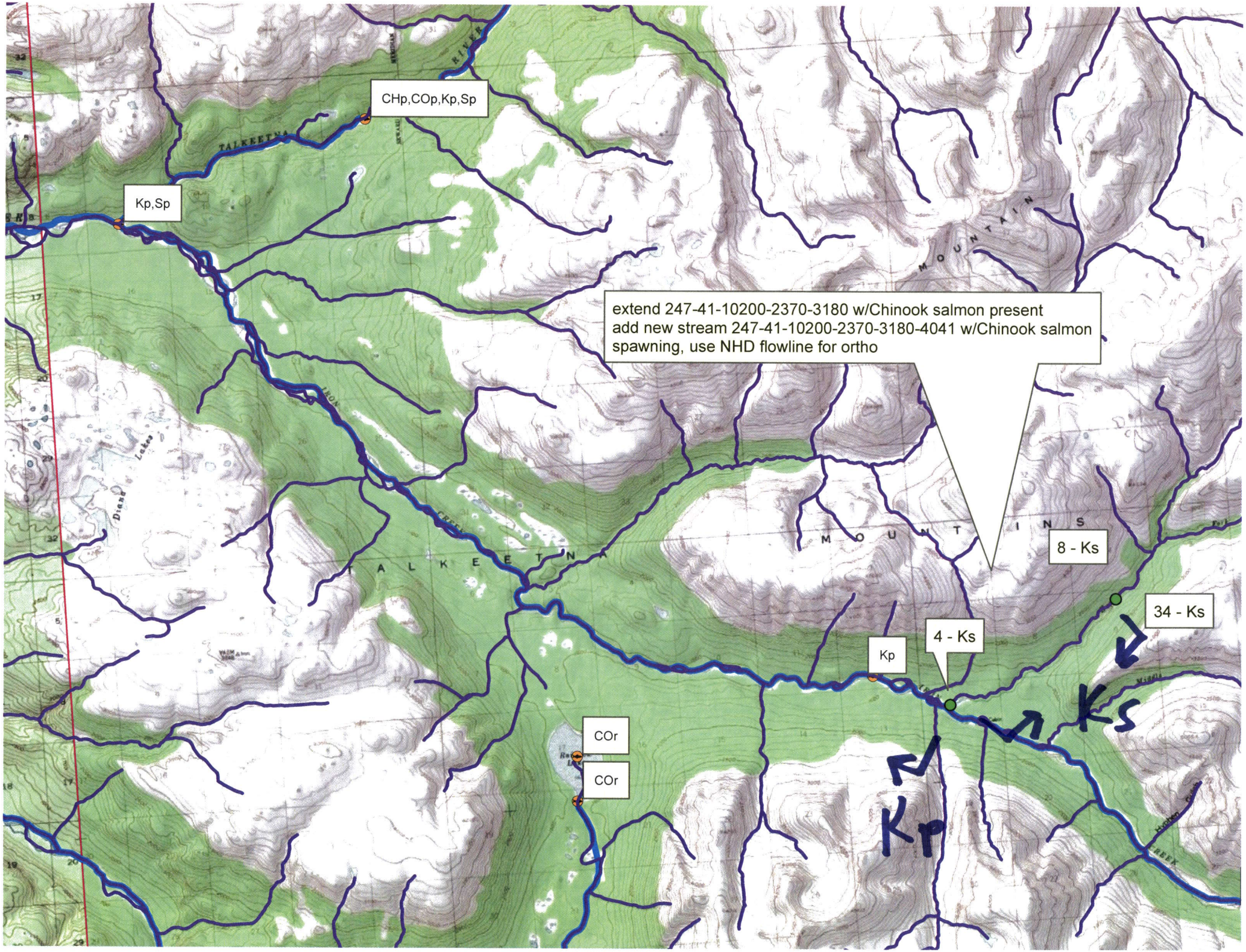
LZ: N 62.36226 W 149.09738
Upper fish: N 62.36305 W 149.09575
Confluence/lower fish: N 62.34626 W 149.16241

EF Iron Creek 7/30/2014

Shoutis and Licht (volunteer) went to EF Iron Creek. Landed at the upper LZ, pack-rafted down to the confluence and met the helicopter. Picked up 8 samples from tired, spawning or spawned out adults. Low water, but enough for packrafting.
LZ/sample: N 62.36305 W 149.09575
Fish sampled: 8

Gold Creek

Gold Creek – Survey
We surveyed Gold Creek and spotted a total of 13 Chinook. All in pairs or singles spread out along the bottom several miles of creek. We surveyed up to above the forks into the disturbed terrain of the mining effort in that corridor. There is a mining road adjacent to the creek form its confluence w/ Susitna River. Land access was questionable so we elected to investigate further before landing on private property.
Survey from confluence with Susitna to N62.73935 W149.61325


CHp,COp,Kp,Sp
Kp,Sp
extend 247-41-10200-2370-3180 w/Chinook salmon present
add new stream 247-41-10200-2370-3180-4041 w/Chinook salmon
spawning, use NHD flowline for ortho
8 - Ks
34 - Ks
4 - Ks
Kp
COr
COr
Ks
Kp
TALKEETNA
MOUNTAINS
MOUNTAIN
IRON
CREEK
Diana Lakes