



State of Alaska  
Department of Fish and Game  
Sportfish Division

Nomination Form  
Anadromous Waters Catalog

12

Region Southcentral

USGS Quad(s) TALKEETNA MOUNTAINS D-5

Anadromous Waters Catalog Number of Waterway 247-41-10200-2596

Name of Waterway Cheechako Creek  USGS Name  Local Name

Addition  Deletion  Correction  Backup Information

For Office Use

|   |                            |                  |
|---|----------------------------|------------------|
| Nomination # <u>15-627</u>                  | _____                      | _____            |
| Revision Year: <u>2016</u>                  | Fisheries Scientist        | Date             |
| Revision to: <input type="checkbox"/> Atlas | _____                      | _____            |
| <input type="checkbox"/> Catalog            | Habitat Operations Manager | Date             |
| Revision Code: <u>F-1</u>                   | <u>[Signature]</u>         | <u>29 May 15</u> |
|   | AWC Project Biologist      | Date             |
|   | _____                      | _____            |
|   | GIS Analyst                | Date             |

OBSERVATION INFORMATION

| Species        | Date(s) Observed | Spawning | Rearing | Present | Anadromous |
|----------------|------------------|----------|---------|---------|------------|
| chinook salmon | 08/18/2014       |          | ✓       |         | ✓          |
|                |                  |          |         |         |            |
|                |                  |          |         |         |            |
|                |                  |          |         |         |            |

**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:

Juvenile Chinook Salmon parr 63-82 mm FL were collected on 8/18/2014 in the lower 120m of Cheechako Creek and collected by Fyke net and minnow trapping.  
Coordinates (Lat,Long): Upper(62.81585,-149.2941) Lower(62.81628,-149.29314)

*Chinook salmon REARING previously documented*

Name of Observer (please print): Gerald George  
Signature: 63.227.212.201 (Web Nomination) Date: 05/18/2015  
Agency: \_\_\_\_\_  
Address: 14300 SE 1st St STE 150  
Vancouver, WA 98684

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 11/14  
Name of Area Biologist (please print): \_\_\_\_\_



State of Alaska  
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Division of Sport Fish

Nomination Form  
Anadromous Waters Catalog

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Region SCN USGS Quad(s) TAIKOOTNA Mtns D-5

AWC Number of Water Body 247-41-10200-2516

Name of Water body CHEECHAKO CREEK  USGS Name  Local Name

Addition  Deletion  Correction  Backup Information

For Office Use

|                |                           |                            |                 |
|----------------|---------------------------|----------------------------|-----------------|
| Nomination #   | <u>140282</u>             | <u>James J. Hashvoldt</u>  | <u>9/3/2014</u> |
| Revision Year: | <u>2015</u>               | Fisheries Scientist        | Date            |
| Revision to:   | Atlas _____ Catalog _____ | <u>Matthew Jones</u>       | <u>9/3/14</u>   |
|                | Both <u>X</u>             | Habitat Operations Manager | Date            |
| Revision Code: | <u>B-2, A-1</u>           | <u>[Signature]</u>         | <u>9/3/14</u>   |
|                |                           | AWC Project Biologist      | Date            |
|                |                           | <u>[Signature]</u>         | <u>9/14</u>     |
|                |                           | GIS Analyst                | Date            |

OBSERVATION INFORMATION

| Species        | Date(s) Observed            | Spawning | Rearing  | Present  | Anadromous                          |
|----------------|-----------------------------|----------|----------|----------|-------------------------------------|
| <u>CHINOOK</u> | <u>7/26, 7/31, 8/5, 8/7</u> | <u>X</u> | <u>X</u> | <u>X</u> | <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

SAMPLED >50 ADULT CHINOOK & >12 JUVENILE CHINOOK  
Extend and replace Chinook salmon project w/ spawning  
Lower juvenile traps add chinook salmon  
N 02.81621 W 149.29350 REARING downstream upper: N 02.81316 W 149.29341 (W 155 54)

Name of Observer (please print): MATTHEW J. BOWEN

Signature: [Signature]

Agency: ADFG

Address: 333 Raspberry Rd Anchorage AK 99578-1599

Date: 8/14/2014

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): \_\_\_\_\_

No Name Talkeetna Trib. # 2 (TKA 2) 7/28/2014

Upper LZ: N62.41668 W148.54820

Lower LZ: N62.41613 W148.55132

We revisited TKA #2 to collect 6 samples to make baseline minimums. We collected 9 samples. 3 From the upper section and 6 from the lower. There appeared to be 'new' fish near the mouth that did not have the look of a fish about to die, rather they were vigorous fighters and in the fast flowing waters were a challenge to land. We supposed it took about 3 leaders/hooks per fish sampled.

Fish sampled: 9

Est. of fish present: 25

LZ/ Fish from: N62.41613 W148.55132

### Cheechako Creek

Cheechako Creek 7/16/2014

Shoutis and Cohn departed TKA around 10:00 AM, flew to the confluence of Cheekako and the Susitna, and surveyed upriver a little more than a mile before landing on a gravel bar just downstream. Saw 7 chinook from the air. Hiked up a half mile from our LZ to the river, mostly cutting through forest with decent walking. Spent the day working an eight of a mile stretch of river, collecting samples with a combination of bait and flossing techniques, and in one case a lucky dip of the net at the right time. Some fish were difficult to catch in a deep pool at the upper end of the stretch below a small waterfall (potentially passable, though we didn't see anything above this). Other fish were spread out in singles or groups of two; seems like spawning was not far off. Noted one spawned out adult moving downstream.

LZ on Susitna: N 62.81857 W 149.29649

Sampling point: N 62.81089 W 149.29010

Cheechako Creek 7/26/2014

Moved to Cheechako Creek and set 7 juvenile traps near the confluence, then walked and fished up the river less than a third of a mile. Saw many more fish in the water than we had seen from the air. Sampled 11 fish using flossing/snagging techniques. Fish were either actively spawning or on death's doorstep. Many new fish in the system compared to our last visit. Returned to traps after 4 hours of so, and found several dollies in the traps, and a few juveniles.

Adults sampled: 11

Estimated adults: 15

Juveniles sampled: 5 (1 may be a dolly)

Trapping location: N 62.81621 W 149.29350

Upper fish (and sample jar number): N 62.81316 W 149.29341

Cheechako Creek 7/31/2014

Shoutis and Licht arrived in the afternoon after a survey from Scott Prevatte (who saw 13 adults). Set 7 juvenile traps baited with roe up creek from the confluence with the Su. Found a river with a lot of new, un-sampled adult Chinook in it. Some fish were still actively moving up the creek and were strong, while

others were spawned out and drifting down. Fish in groups of 2 or 3 were found from the confluence up to approx.  $\frac{3}{4}$  of a mile up. Many great battles in large bouldery rapids and steep drops were had. Returned to traps and sampled 4 juveniles.

Sample location: N 62.81316 W 149.29341

Estimated fish: 50

Fish (adults) sampled: 14

Juveniles sampled: 4

## Chinook Creek

Chinook Creek 7/20/2014

Shoutis and Cohn arrived at Chinook Creek around 11 AM. We saw 2 fish from the air on the survey. Landed just below the confluence and hiked up less than half a mile, looking for fish and sampling along the way. Saw 7 fish total on the reach, sampled 4 of them. One of the fish was fairly tired and looked spawned out, others were fairly strong still. Also found one juvenile chinook flapping on a rock near shore. Creek is fairly steep and bouldery, though walking alongside is not too difficult.

LZ/confluence: N 62.80197 W 149.16147

Upper fish (2): N 62.46526 W 149.64682

Lower sample: N 62.80065 W 149.15909

Total fish estimated: 7

Total fish sampled: 4

Chinook Creek 7/26/2014

Shoutis and Cohn surveyed both Cheechako Creek (spotted 2 fish) and Chinook Creek (spotted 1 fish). Landed on Chinook Creek and set 6 juvenile traps just upstream from the confluence with the Susitna River. Walked up the creek and found more adults than seen from the air: a total of 5 live adults, and 1 mort we had already sampled. 1 of the 5 we saw was also already sampled. We were able to fish out 3 for sampling using flossing/snagging techniques. Checked traps after approximately 2 hours and found and sampled 6 juveniles.

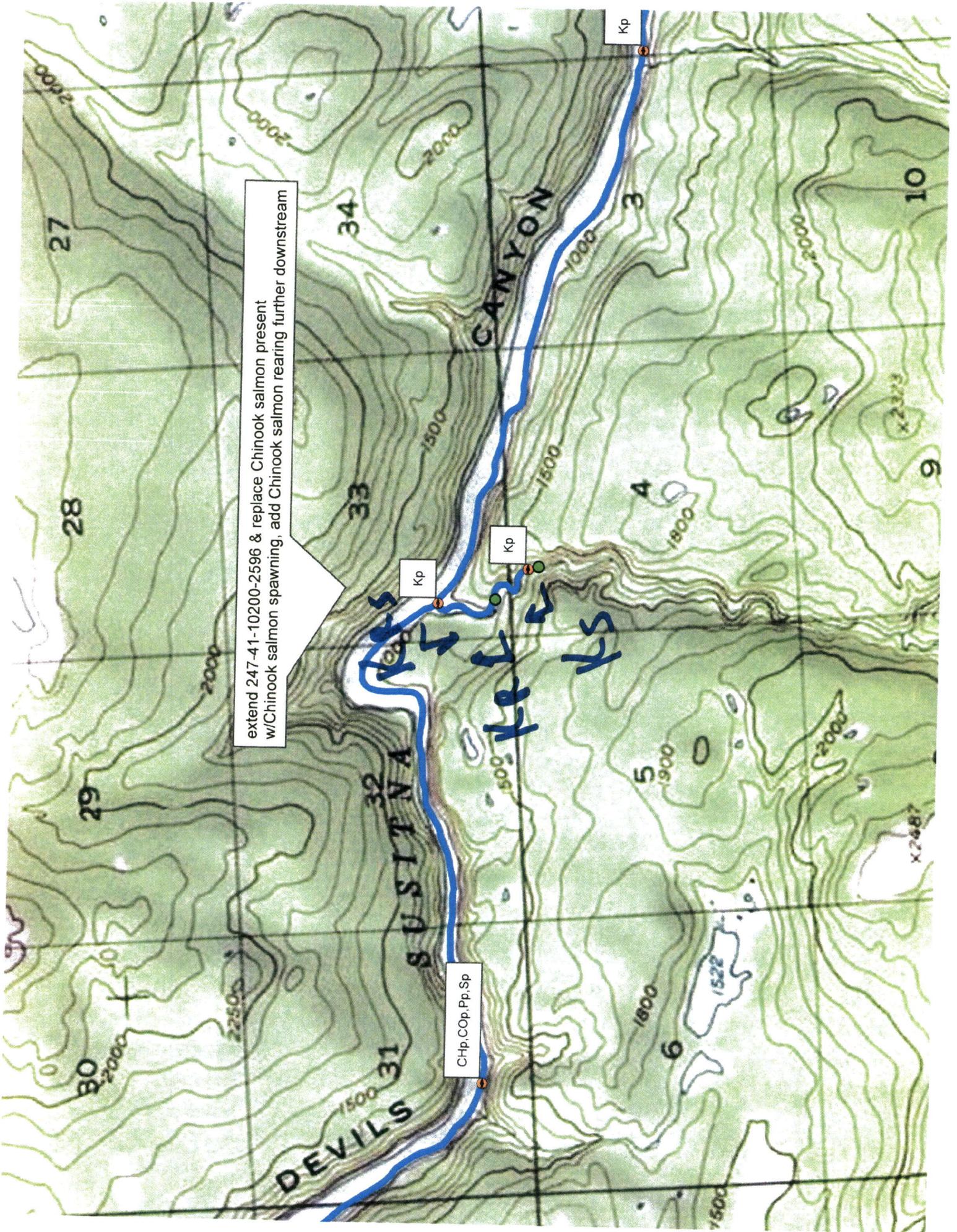
Adults sampled: 3

Estimated adults: 5

Juveniles sampled: 6

Trapping location: N 62.80147 W 149.16125

Sample location: N 62.80035 W 149.15984



extend 247-41-10200-2596 & replace Chinook salmon present w/Chinook salmon spawning, add Chinook salmon rearing further downstream

CHp.COop.Pp.Sp

Kp

Kp

Kp

Kp Kp Kp



