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

Nomination Form
Anadromous Waters Catalog

Region: INTERIOR

USGS Quad(s): SURVEY PASS A-3

Anadromous Waters Catalog Number of Waterway: 331-00-10490

Name of Waterway: KOBUK RIVER ✓ USGS Name ☐ Local Name

✓ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

| | | | |
|---|---|---|---|
| Nomination # | 130262 | Fisheries Scientist | Date |
| Revision Year: | 2014 | Habitat Operations Manager | Date |
| Revision to: | Atlas ____ Catalog ____ Both ____ | AWC Project Biologist | 10/2/13 Date |
| Revision Code: | F-1 | Cartographer | Date |

OBSERVATION INFORMATION

| Species | Date(s) Observed | Spawning | Rearing | Present | Anadromous |
|---|---|---|---|---|---|
| CHUM SALMON | 09/04/2012 | ✓ | | ✓ | ✓ |
| | | | | | |
| | Only one fish | | | | |
| | | | | | |
| | | | | | |

**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:
visual observation of spawning adult chum salmon by Jena Lemke and Matthew Apling of ABR. Observation occurred at N 67.02165, W 154.35763. Please see attached report for sampling methods and maps.

Name of Observer (please print): SABRINA GARCIA
Signature: Sabrina Garcia
Date: 09/11/2013
Agency: ABR, Inc.
Address: 1225 E. International Airport Dr. suite 101
Anchorage, AK 99518

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

02/08

Table 1 Continued

| SUBBASIN | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Watershed | Waterbody | Tributary to | Survey Reach | Crossing Number | Date | Latitude | Longitude | Pacific Salmon | Dolly Varden | Other Fish |
| Beaver Creek | Beaver Creek | Kobuk River | BV01 | 13 | 7/15/2012 | 67.07523 | -155.27667 | No | No | SLSC, GRAY |
| Beaver Creek | Unnamed trib | Beaver Creek | UN08 | 15 | 7/15/2012 | 67.00270 | -155.00900 | No | No | No |
| Beaver Creek | Unnamed trib | Beaver Creek | UN10 | 11 | 7/15/2012 | 67.01060 | -155.08077 | No | Yes | No |
| Beaver Creek | Unnamed trib | Beaver Creek | UN12 | 13 | 7/15/2012 | 67.07503 | -155.27765 | No | No | No |
| Beaver Creek | Unnamed trib | Beaver Creek | UN26 | 15 | 7/24/2012 | 66.98333 | -155.02530 | No | Yes | SLSC |
| Beaver Creek | Unnamed trib | Beaver Creek | UN27 | 13 | 7/24/2012 | 67.12892 | -155.19577 | No | No | SLSC, BURB |
| Beaver Creek | Unnamed trib | Beaver Creek | UN28 | 13 | 7/24/2012 | 67.12244 | -155.21069 | No | No | SLSC |
| Headwaters Kobuk River | Unnamed trib | Kichaiakalea Creek | UN33 | S3 | 9/4/2012 | 67.05337 | -154.14697 | No | No | SLSC |
| Headwaters Kobuk River | Unnamed trib | Kichaiakalea Creek | UN37 | S3 | 9/7/2012 | 67.02964 | -154.01124 | No | Yes | SLSC |
| Headwaters Kobuk River | Unnamed trib | Mauneluk River | UN07 | 9 | 7/14/2012 | 67.11058 | -155.63781 | No | No | SLSC, GRAY |
| Headwaters Kobuk River | Mauneluk River | Kobuk River | MN01 | 9 | 7/14/2012 | 67.11119 | -155.63925 | No | No | No |
| Headwaters Kobuk River | Unnamed trib | Mauneluk River | UN31 | 9 | 7/26/2012 | 67.12433 | -155.63481 | No | Yes | SLSC |
| Kobuk Canyon-Kobuk River | Kobuk River | None | KB01 | S3 | 9/4/2012 | 67.02165 | -154.35763 | CHUM | No | SLSC |
| Kobuk Canyon-Kobuk River | Unnamed trib | Kobuk River | UN32 | S3 | 9/4/2012 | 66.89105 | -154.47314 | No | No | SLSC |
| Kobuk Canyon-Kobuk River | Unnamed trib | Kobuk River | UN34 | S3 | 9/4/2012 | 67.01901 | -154.44464 | No | Yes | No |
| Kobuk Canyon-Kobuk River | Unnamed trib | Kobuk River | UN35 | S3 | 9/4/2012 | 67.00066 | -154.55439 | No | Yes | SLSC |
| Kobuk Canyon-Kobuk River | Unnamed trib | Kobuk River | UN36 | S3 | 9/5/2012 | 66.91783 | -154.48701 | No | No | No |
| Kobuk Canyon-Kobuk River | Unnamed trib | Kobuk River | UN38 | S3 | 9/7/2012 | 66.99846 | -154.54691 | No | No | SLSC, GRAY |
| Kogoluktuk River | Canyon Creek | Kogoluktuk River | CN01 | 5 | 7/13/2012 | 67.02888 | -156.66255 | No | Yes | SLSC |
| Kogoluktuk River | Unnamed trib | Kogoluktuk River | UN01 | 4 | 7/13/2012 | 67.01672 | -156.44185 | No | No | No |
| Kogoluktuk River | Unnamed trib | Kogoluktuk River | UN02 | 4 | 7/13/2012 | 67.01543 | -156.43502 | No | No | SLSC, GRAY |
| Kogoluktuk River | Riley Creek | Kogoluktuk River | RI01 | 1 | 7/13/2012 | 67.05552 | -156.70256 | No | Yes | No |
| Kogoluktuk River | Kogoluktuk River | Kobuk River | KG01 | 4 | 7/26/2012 | 67.09536 | -156.40128 | No | No | SLSC, GRAY |
| Kogoluktuk River | Kogoluktuk River | Kobuk River | KG02 | 6 | 7/26/2012 | 67.01372 | -156.68225 | No | No | SLSC, GRAY |
| Reed River | Unnamed trib | Reed River | UN09 | 16 | 7/15/2012 | 67.19412 | -154.88269 | No | No | SLSC |
| Reed River | Reed River | Kobuk River | RD01 | 16 | 7/15/2012 | 67.19318 | -154.88084 | No | No | No |
| Reed River | Reed River | Kobuk River | RD02 | 16 | 7/21/2012 | 67.06531 | -154.81343 | No | No | SLSC, GRAY |
| Reed River | Reed River | Kobuk River | RD03 | S2 | 7/21/2012 | 66.96365 | -154.81606 | CHUM | No | SLSC, GRAY, BURB |
| Reed River | Reed River | Kobuk River | RD04 | S4 | 9/4/2012 | 66.88630 | -154.83643 | CHUM | No | No |
| Selby River | Unnamed trib | Narvak Lake | UN11 | 9 | 7/15/2012 | 66.99952 | -155.61014 | No | No | No |
| MIDDLE KOBUK RIVER | | | | | | | | | | |
| Headwater Ambler River | Ulaneak Creek | Ambler River | UL01 | 0 | 7/13/2012 | 67.39883 | -156.81866 | No | Yes | SLSC |
| Shungnak River | Ruby Creek | Shungnak River | RU01 | 1 | 7/13/2012 | 67.09978 | -156.92219 | No | No | SLSC, GRAY |
| Shungnak River | Ruby Creek | Shungnak River | RU02 | 1 | 7/14/2012 | 67.11267 | -156.91756 | No | No | SLSC, GRAY |
| Shungnak River | Shungnak River | Kobuk River | SH01 | 1 | 7/14/2012 | 67.11272 | -156.91808 | No | No | SLSC |
| Shungnak River | Shungnak River | Kobuk River | SH02 | 1 | 7/21/2012 | 67.11806 | -156.83575 | No | No | SLSC, GRAY |
| Shungnak River | Shungnak River | Kobuk River | SH03 | 1 | 7/21/2012 | 67.08774 | -157.14510 | No | No | SLSC |
| Shungnak River | Shungnak River | Kobuk River | SH04 | 1 | 7/21/2012 | 66.98033 | -157.30708 | No | No | SLSC, GRAY |

SLSC = Slimy Sculpin GRAY = Arctic Grayling BURB = Burbot PIKE = Northern Pike CHUM = Chum Salmon KING = Chinook Salmon COHO = Coho Salmon

Table 1. Waterbodies in 7 subbasins and 19 watersheds crossed by the proposed Brooks East Corridor, Alaska, and the presence or absence of fish species observed during summer 2012 sampling. Each survey reach is associated with a nearby stream crossing number along the proposed access corridor (see Figures 2 and 3).

| SUBBASIN<br>Watershed | Waterbody | Tributary to | Survey Reach | Crossing Number | Date | Latitude | Longitude | Pacific Salmon | Dolly Varden | Other Fish |
|---|---|---|---|---|---|---|---|---|---|---|
| ALATNA RIVER | | | | | | | | | | |
| Helpmejack Creek-Alatna River | Helpmejack Creek | Alatna River | HJ01 | S7 | 7/16/2012 | 67.05835 | -153.79528 | No | Yes | No |
| Helpmejack Creek-Alatna River | Helpmejack Creek | Alatna River | HJ02 | S7 | 7/16/2012 | 67.04015 | -153.66203 | No | No | GRAY |
| Helpmejack Creek-Alatna River | Unnamed trib | Helpmejack Creek | UN16 | S7 | 7/16/2012 | 67.04146 | -153.66153 | No | Yes | SLSC |
| Helpmejack Creek-Alatna River | Alatna River | Koyukuk River | AL01 | 24 | 7/23/2012 | 67.18136 | -153.48386 | No | No | SLSC |
| Helpmejack Creek-Alatna River | Unnamed trib | Alatna River | UN25a | 24 | 7/23/2012 | 67.22524 | -153.55644 | CHUM | No | No |
| Helpmejack Creek-Alatna River | Unnamed trib | Alatna River | UN25b | 24 | 7/23/2012 | 67.22868 | -153.59320 | KING | No | No |
| Malamute Fork Alatna River | Unnamed trib | Malamute Fork Alatna River | UN13 | 25 | 7/16/2012 | 67.06966 | -153.11984 | No | No | SLSC |
| Malamute Fork Alatna River | Unnamed trib | Malamute Fork Alatna River | UN14 | 25 | 7/16/2012 | 67.11074 | -152.93070 | COHO, CHUM | No | No |
| Malamute Fork Alatna River | Unnamed trib | Malamute Fork Alatna River | UN15 | 25 | 7/16/2012 | 67.10036 | -152.74847 | COHO | No | No |
| Malamute Fork Alatna River | Bedrock Creek | Malamute Fork Alatna River | BD01 | 25 | 7/17/2012 | 67.09796 | -152.60043 | No | No | No |
| Malamute Fork Alatna River | Unnamed trib | Bedrock Creek | UN18 | 25 | 7/17/2012 | 67.09319 | -152.72504 | No | No | No |
| Tobuk Creek | Tobuk Creek | Malamute Fork Alatna River | TB01 | 25 | 7/16/2012 | 67.07944 | -153.18635 | COHO, KING | No | No |
| ALLAKAKET | | | | | | | | | | |
| East Fork Henshaw Creek | East Fork Sozhekla Creek | Sozhekla Creek | SZ01 | 31 | 7/17/2012 | 67.03600 | -152.41211 | No | No | GRAY |
| UPPER KOYUKUK RIVER | | | | | | | | | | |
| Malamute Fork John River | Unnamed trib | Malamute Fork John River | UN17 | 32 | 7/17/2012 | 67.04867 | -152.12669 | COHO | No | No |
| SOUTH FORK KOYUKUK RIVER | | | | | | | | | | |
| Jim River | Unnamed trib | Jim River | UN19 | 38 | 7/20/2012 | 66.78889 | -150.85132 | COHO, KING | No | SLSC, GRAY |
| Jim River | Unnamed trib | Jim River | UN24 | 39 | 7/23/2012 | 66.83560 | -150.64531 | COHO | No | SLSC |
| Lower South Fork Koyukuk River | Unnamed trib | South Fork Koyukuk River | UN20 | 35 | 7/20/2012 | 66.67128 | -151.48851 | No | No | SLSC |
| Middle South Fork Koyukuk River | Unnamed trib | South Fork Koyukuk River | UN21 | 36 | 7/20/2012 | 66.82559 | -151.17087 | No | No | SLSC, GRAY |
| KOYUKUK FLATS | | | | | | | | | | |
| Headwaters Hogatza River | Hogatza River | Koyukuk River | HG01 | S6 | 7/21/2012 | 66.82131 | -153.99037 | CHUM | No | SLSC |
| Headwaters Hogatza River | Unnamed trib | Hogatza River | UN22 | S6 | 7/21/2012 | 66.86933 | -154.04053 | No | No | SLSC, BURB |
| Headwaters Hogatza River | Unnamed trib | Hogatza River | UN23 | S5 | 7/21/2012 | 66.85331 | -154.29780 | No | No | GRAY |
| UPPER KOBUK RIVER | | | | | | | | | | |
| Outlet Mauneluk River | Unnamed trib | Mauneluk River | UN03 | 9 | 7/13/2012 | 67.04256 | -156.13206 | No | Yes | SLSC |
| Outlet Mauneluk River | Unnamed trib | Mauneluk River | UN04 | 9 | 7/14/2012 | 67.12383 | -156.00801 | No | Yes | No |
| Outlet Mauneluk River | Unnamed trib | Mauneluk River | UN05 | 9 | 7/14/2012 | 67.05437 | -155.81388 | No | Yes | No |
| Outlet Mauneluk River | Unnamed trib | Mauneluk River | UN06 | 9 | 7/14/2012 | 67.02217 | -155.84178 | No | Yes | No |
| Outlet Mauneluk River | Mauneluk River | Kobuk River | MN02 | 9 | 7/25/2012 | 67.00295 | -156.09182 | CHUM | No | SLSC |
| Outlet Mauneluk River | Unnamed trib | Mauneluk River | UN29 | 9 | 7/25/2012 | 67.02696 | -156.04826 | CHUM | No | SLSC, PIKE |
| Outlet Mauneluk River | Unnamed trib | Mauneluk River | UN30 | 9 | 7/25/2012 | 67.03453 | -156.03934 | CHUM | No | GRAY |