**State of Alaska**
**Department of Fish and Game**
**Habitat and Restoration Division**

**Nomination for Waters Important to Anadromous Fish**

Region: SOUTHCENTRAL

USGS Quad: Talkeetna Mts A-5, A6

Anadromous Water Catalog Number of Waterway: 247-41-10200-2180-3061

Name of Waterway: North Fork Kashwitna River ☐ USGS Name ☐ Local Name

☑ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

| | | | |
|---|---|---|---|
| Nomination # | 01 265 | | 11/6/01 |
| Revision Year: | 2001 | Regional Supervisor | Date |
| Revision to: | Atlas ____ Catalog ____ | | 11/5/01 |
| | Both X | AWC Project Biologist | Date |
| Revision Code: | A-1 | | 11/28/01 |
| | | Drafted | Date |

OBSERVATION INFORMATION

| Species | Date(s) Observed | Spawning | Rearing | Present | Anadromous |
|---|---|---|---|---|---|
| Dolly Varden | 9/21/01 | | | X | ☐ |
| Chinook (juvenile) | 9/21/01 | | 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:**

Stream surveyed during Susitna River Fish Habitat ID survey which occurred 9/17/01 through 9/21/01.
See the following attached data sheet:
Project Code: SU01
Station No: 032

Name of Observer (please print): Doug Hill

Signature: Douglas D Hill Date: 10/29/01

Address: ADF&G, H&R Division
333 Raspberry Rd, 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 Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

Signature of Area Biologist: Paul B Blanche

Revision 3/97

Nom DV/Chinook

| Project Code | Station No. | Visit: |
|---|---|---|
| SU01 | 32 | |

Survey Date: 9/21/01 Time (mil.): 11:18

Team Leader: Other Observers:

Temp. (C) Air: 7 Water: 3.0 (29) DO (ppm): —

pH: 6.88 Cond. (µS/cm): 17.8 Salinity: —

Turbidity (NTU): — Secchi (m):

48 hr. Precip./Runoff: N/T

Stream Stage: NORM

Stream Gradient (%): 1.5%

Water Color: CLR

| | OHW | Wetted |
|---|---|---|
| Width (m) | 5.1 | 4.4 |
| Thalweg Depth (m) | 0.46 | 0.300 |
| Vel. (m/s) | 0.7 | Qual.: MED |

**Location** R/P:

| | Lat. (dec. deg) | Long. (dec. deg) |
|---|---|---|
| LTRM: Downstrm. Stat | | |
| Upstream Stat. | 62.06239 | 149.37247 |

Quad Name: Talkeetna Mtns. A-5 ITM

Legal Desc.: Obs. Loc:

Stream #: 247-41-10200-2180-3061 ?

Stream Status: Region:

Name: N. FRK KASH Elevation (m): 3080

WAYPT 34; STREAM 26; SAMPLE 32

**Substrate**

| | | m |
|---|---|---|
| Organic (%) | — | |
| Silt/Clay (%) | — | 0 - 5 |
| Sand (%) | 45 | 5 - 10 |
| Gravel (%) | 35 | 10 - 20 |
| Cobble (%) | 19 | 20 - 30 |
| Boulder (%) | 1 | m |
| Bedrock (%) | — | |

**Riparian Vegetation**

| Left | Veg. Desc. | Right | Veg Desc |
|---|---|---|---|
| | 2C2H | | 3A1D |

'96 Rosgen Channel Code: B

'92 Tongass Channel Code:

**Valley Form** (A-C)

Sinuosity: Floodplain width (m): DV Valley Slope (%):

**Winter Sampling**

Ice thickness (m): Water depth (m):

Station Data Comments: photo 13 = VIEW D/S

Wildlife Comments:

## Fish data

Species: DV Life Stage: UNK ? Gear: EF

Life History: Species/Life Stage Count: Susp.Spawn.? Age Classes:

# of Traps set: Trap In (D/T): Out: Trap Dur. (h):

EF Time (s): 169 Area (sq.m): Effic. (%): Volt (V): 700 Freq. (Hz): I Wave Form: 11

Habitat Channel: Macro: Meso: Micro: Hydraulic Control:

| Aquat | Emerg | OH Veg | U_Cut | Bnk: | RootW. | ShrbDet | BnkClv | Clog | Slash | DebJam | Hum D | Substr | Turbid | Depth | None | Oth |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | |

| | Type | Pop/Mlg | Height (m) | Pool depth (m) | Gradient (%) | Length (m) |
|---|---|---|---|---|---|---|
| Barrier: | | | | | | |

| Fork Len. (mm) | 120 | 40 | 92 | 68 | 52 | ← | | | | |
|---|---|---|---|---|---|---|---|---|---|---|

Comments:

## Fish data

Species: Chin Life Stage: Juv. Gear: EF

Life History: Species/Life Stage Count: Susp.Spawn.? Age Classes:

# of Traps set: Trap In (D/T): Out: Trap Dur. (h):

EF Time (s): Area (sq.m): Effic. (%): Volt (V): Freq. (Hz): Wave Form:

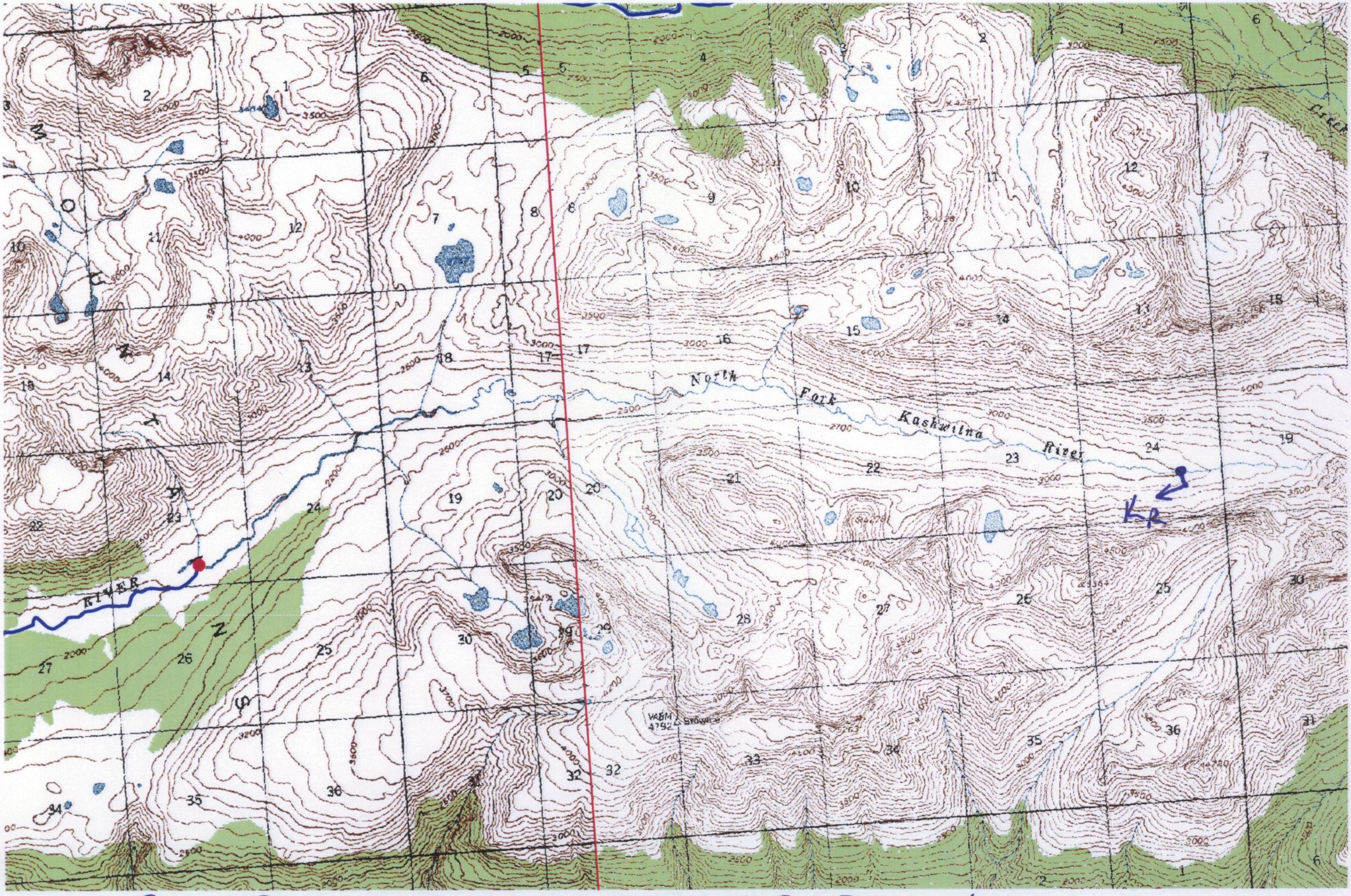
Habitat Channel: Macro: Meso: Micro: Hydraulic Control:

| Aquat | Emerg | OH Veg | U_Cut | Bnk: | RootW. | ShrbDet | BnkClv | Clog | Slash | DebJam | Hum D | Substr | Turbid | Depth | None | Oth |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | |

| | Type | Pop/Mlg | Height (m) | Pool depth (m) | Gradient (%) | Length (m) |
|---|---|---|---|---|---|---|
| Barrier: | | | | | | |

| Fork Len. (mm) | 42 | 43 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|

Comments:




Extend Stream 247-41-10200-2180-3061 w/ KR