State of Alaska
Department of Fish and Game
Nomination for Waters
Important to Anadromous Fish

AWC Volume SE (SC) SW W AR IN USGS Quad Gulkana (D-4)

Anadromous Water Catalog Number of Waterway _____

Name of Waterway Twelvemile Creek USGS name ____ Local name ____

Addition X Deletion ____ Correction ____ Backup Information ____

For Office Use

Nomination # 01 436	12/14/01 Regional Supervisor Date
Revision Year: 2001	12/13/01
Revision to: Atlas ____ Catalog ____ Both X	12/20/01 Drafted Date
Revision Code: A-1 B-1	

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
Steelhead	6/12/2001	Yes			

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 any other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments: During a radio telemetry project on resident rainbow trout in the Gulkana R. we located 2 trout (implanted w/ transmitters during Aug 2000) in 12-mile creek during May-June (spawning period). With assistance from BLM we helicopted to the location to ground truth the location and captured 3 rbt and (1) SH (adults) that were spawning. Our survey was extremely limited (~3/10 mi of stream) on the ground so difficult to determine the overall # of fish or overall importance. It is logical to expect migration to the area →

Name of Observer (please print) Doug Fleming - Sport Fish Division, ADFG, Fairbanks

Date: _____ Signature: Doug Fleming

Address: 1300 College Rd, Fairbanks, AK 99701

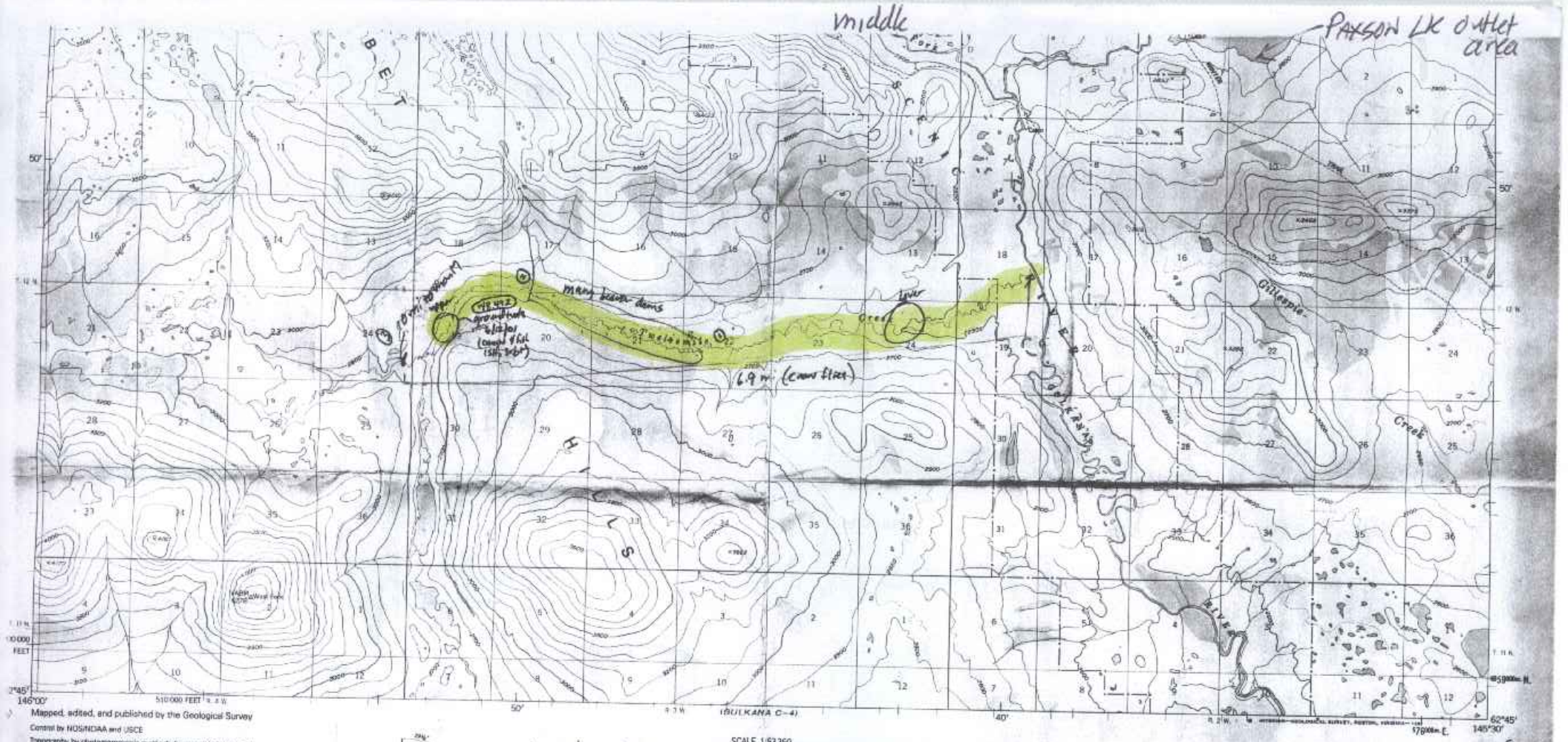
This certifies that in my best professional judgement and belief the above information is evidence that this waterbody should be included in or deleted from the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

Signature of ~~Area~~ Research Biologist: Doug Fleming

Rev. 7/93

Ed Weiss

as well as early stages of rearing following incubation. The area was approaching treeline, heavily veg. with willow, substrates were varied but included mud, sand, pea-gravel and some large cobbles. The stream morphology appeared heavily influenced by beaver damming, and spawning was in an area immediatly ds. of a breached beaver dam, where the substrates appeared to have been cleaned.



Mapped, edited, and published by the Geological Survey

Control by NOS/NOAA and USCE

Topography by photogrammetric methods from aerial photographs taken 1949. Field annotated 1950. Map not field checked

Projection and 1000-meter grid ticks shown in blue: Universal Transverse Mercator, zone 6
10,000-foot grid ticks based on Alaska coordinate system, zone 3. 1927 North American Datum
The difference between 1927 North American Datum and North American Datum of 1983 (NAD 83) for 7.5 minute intersections is given in USGS Bulletin 1875

Land lines represent unsurveyed and unmarked locations predetermined by the Bureau of Land Management Fairbanks Meridian and CR-4, Copper River Meridian

Swamps, as portrayed, indicate only the wetter areas, usually of low relief, as interpreted from aerial photographs

Federal reservation boundaries established by The Alaska National Interest Lands Conservation Act, PL 96-487, Dec. 2, 1980, are shown as compiled by the administering agencies

There may be private inholdings within the boundaries of the National or State reservations shown on this map

TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION, 1950

SCALE 1:63 360

CONTOUR INTERVAL 100 FEET
DOTTED LINES REPRESENT 50-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

QUADRANGLE LOCATION

ROAD CLASSIFICATION
Medium-duty ——— Unimproved dirt - - - - - -
State Route

FOR SALE BY U. S. GEOLOGICAL SURVEY
FAIRBANKS, ALASKA 99701, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

GULKANA (D-4), ALASKA
82145-G5-TF-063
1950
MINOR REVISION 1981

Extend stream 212-20-10080-2461-3161
w/ SHs
Add species SHs