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

1989
Year of Revision

ALASKA DEPT. OF
FISH & GAME

OCT 11 1988

REGION II
HABITAT DIVISION

Anadromous Water Catalog Volume SOUTHWEST

USGS Quad ATKU 1:250,000

Name of Waterway LAKE ENTIENNE DRAINAGE

Anadromous Water Catalog Number of Waterway 309-21-10010

Change to _____ Atlas

_____ Catalog

✓ Both

Addition ✓

Deletion _____

Correction _____

For Office Use

Nomination # 89 207

Regional Supervisor — Date 11/5/88

SJS — 11/15/88

FI Drafted — Date 11/14/88

Name addition:

USGS name unnamed

Local name Mystery Ck.

Species	Date(s) Observed	Spawning	Rearing	Migration
SOCKEYE	7/13/88		✓	✓

Comments: Provide any clarifying information, including number of fish observed, location of fish survey data, etc.

See attached

Attach a copy of a map showing location of mouth and upper points of each species, specific stream reaches identified for spawning or rearing, locations of barriers, such as falls. Attach a copy of the fish survey data, if available.

Name of Observer (please print) GERRY GRAY

Date: 10/6/88 Signature: Mary Faurot

Address: U.S.F.W.S. KENAI F.A.O.

Box 5089 KENAI, AK 99611

Signature of Area Biologist: D Faurot

Stream: ENTIENNE BAY (ATTU IS.) MYSTERY CREEK (OUR NAME) Date: 7/13/88 Biologist: GRAY, MARTIN

Water Temp: TOO DARK

pH: TOO DARK TO DO

Conductivity: 130 @ °C 18.5

Alkalinity: 17

Hardness: 18

Water Level: LOW Water Color: CLEAR

Birds Present:

Mammals Present:

Aquatic Veg:

No. Anglers: at time:

Flow (c.f.s.):

Observations: WALKED UPSTREAM ABOUT 50 YDS AND FOUND SOCKEYE SALMON HOLDING IN POOLS AND RUNS. FISH WERE STILL BRIGHT, WALKED UPSTREAM TO LAKE. OBSERVED A NUMBER OF CARCASES OF FISH THAT APPARENTLY HAD TRIED TO MOVE UP THROUGH VERY SHALLOW AREAS AND WERE STRANDED. ALL CARCASES WERE IN PRE-SPAWNING CONDITION. STREAM HAD GOOD FLOW IN INCISED CHANNEL AT MOUTH BUT BECAME INTERRUPTED WITHIN ABOUT ½ MILE. STREAM HAD GOOD GRAVEL/COBBLE SUBSTRATE. LOOKS LIKE THERE WASN'T MUCH OUTFLOW FROM THE LAKE MOST OF THE YEAR BUT MAY OCCUR DURING SPRING THAW. WE DID OBSERVE WHAT APPEARED TO BE DOLLIES & SOCKEYE JUVENILES IN THE STREAM BUT NONE WERE COLLECTED. COUNTED 660 LIVE AND 65 DEAD SOCKEYE. AT POINT WHERE FLOW WAS TAKEN STREAM WAS 18' WIDE, HAD A MAXIMUM AND AVERAGE DEPTH OF 1.0' AND 0.6', RESPECTIVELY. VELOCITIES RANGED UP TO 3.42'/SEC, AVERAGED ABOUT 2.5'/SEC. WE USED A GILL NET TO CAPTURE FIVE SOCKEYE FOR AWL.

ALEUTIAN ISLANDS WILDERNESS
ATTU ISLAND
Etienne Lake
Etienne Bay
Etienne Head
Etienne Pass
Wrangell Range
Kresta Point
Red Head
Steller Cove
Abraham Bay
Mikhail Point
Attu Mountain
Twin Lakes
Martinez Mtn
Temnac River
Kaufman Pass
Kaufman Creek
Flat
Temnac Bay
Sanders Cape
Nevidiskov Bay
Nevidiskov River
Theodore Ridge
Theodore Astro
Theodore Point
Kearney Beach
Chuniksak Point
Skof
Krasni Point
Murder Point
Navy Town
Navy Cove
Loaf Island
Massacre Bay
Terrible Mtn
Holtz Bay
Chichagof Hbr
Goltsov Point
Cooper Is
Gibson Is
Kennon I
Khlebnikof Point
Point Hope
Hodikof Pt
Hodikof Bay
Krupa Pt
Surana Bay
Square Point
Alexai Point
Bedard Cove
Hidalgo Beach
Chirikof
McClou
Hoppe
Buchana
Matthews Mtn
Jackass Pass
Alexai Pass
Thie Pass
McNew Hill
Ricko
Gilbert Ridge
Henderson Ridge
Fleishman Ridge
O'Donnell
Addison Creek
Winter Lake
Young Hill
Buchanan Ridge
Owens Ridge
Bailentine Creek
Diana Creek
Rent Creek
Stellar River
Earle River
Earle I
Bella Cove
Auburn Cove
Blonde Cove
Brunelle Cove
Austin Cove
Northeast Bluff
Red Beach
Bubas Hill
Cold Mtn
Mirror Lake
Lake Cerise
Pierucci Ridge
Eckman Cr
Nicholas Cr
Cantrco
Chichagof Pt
Blind Cove
Center Pt
West Arm
East Arm
Sewell Canyon
Landing Strip
Abraham Ham W B
VABM 2217 Cloud
VABM 326 May
VABM 22
2457
2844
2146
2172
R 262 W
R 263 W
R 264 W
R 265 W
R 266 W
T 83 S
T 84 S
T 85 S
ADDISON CREEK
MCKENZIE CR
BASSETT CR
C. ELWOOD
HENDERSON RIVER
KINGFISHER CR
NEVIDISKOV CR & DRAIN
BE SURE TO CONSIDER FOR ONE REDS
SEE BACK FOR THE NAMES OF STREAMS ALREADY SURVEYED