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

1989
Year of Revision

ALASKA DEPT. OF
FISH & GAME

AUG 26 1988

REGION II
HABITAT DIVISION

Anadromous Water Catalog Volume SOUTCENTRAL

USGS Quad TALKEETNA A-2

Name of Waterway SHULIN LAKE - TRIBUTARY TO KAHILTNA RIVER

Anadromous Water Catalog Number of Waterway

247-41-10200-2053-3150-~~4040~~ 4052

4052-0010

Change to _____ Atlas

X Catalog

? Both

Addition X

Deletion

Correction

Name addition:

USGS name SHULIN LAKE

Local name SHULIN LAKE

For Office Use

Nomination # 89 42

Regional Supervisor — Date 10/28/88

SOS — 12/9/88

FI Drafted — Date 11/30/88

Species	Date(s) Observed	Spawning	Rearing	Migration
COHO SALMON	8/10/88		X	

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

Wild age 0+, 1+, and 2+ Coho Salmon fingerlings (230 Total) were captured in minnow traps, Fyke nets and gill nets along with one lake trout, 300 stocked and wild rainbow trout of at least four age classes, and five long-nose suckers. According to long-time resident Richard Cutz, Shulin gets an annual run of 40-50 Coho adults.

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) Alan Havens & Terry Bradley

Date: 8/23/88 Signature: Alan C. Havens FB III

Address: Alaska Dept. of Fish & Game - Sport Fish
500 S. Alaska St., Palmer, AK 99645

Signature of Area Biologist: Larry J. Engel

TEST NET EVALUATION RECORD

LAKE SHULIN LOCATION KAHITNA RIVER

Year	Species	Age Class	No.	Ln. Range in mm	Avg.	Wt. Range in grams	Avg.	Stocking History Number	No./lb	Date	Total Net Hrs.	Catch/ Net Hrs.	% Catc
8-10-88	LT	?	1	525	525	—	—	—			63½	.02	2
	RT	ALL	16	13 measured 110 - 428	193	10 measured 17 - 575	121	—			63½	.25	33
GN	SS	ALL	30	26 measured 96-262	129	7 measured 22 - 212	113	—			63½	.47	61
	LNS	ALL	2	released				—			63½	.03	4
	RT	ALL	264	49 measured 48- 261	103	—	—	—			42	6.3	58
FN	SS	ALL	185	10 measured 109-158	123	—		—			42	4.4	41
	LNS	ALL	3	79-200	128	—	—	—			42	.07	1
	TS		~150										
MT	10 MT's set overnight (215 HRS) caught 20 RT fry, 15 SS, & 98 TS												

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF SPORT FISH
LAKE SURVEY SUMMARY

LAKE SHULIN

MAP REF. TALKEETNA A-2 T 24N R 9W S 24,25,26,35 LAT. 62°8'30"N LONG. 150°51'30"

LOC. KAHILTNA RIVER BELOW PETERS CREEK SURF. ELEV. 635'

1. SURF. ACRES _____ MAX. DEPTH _____ AVG. DEPTH _____ ACRE FT. _____
SHOAL AREA _____ WATER COLOR CLEAR SECCHI READING _____
AQUATIC VEGETATION LILY PADS

2. FISH SPECIES: NATIVE LT, RT, SS, LNS, TS INTRODUCED _____

3. FISHING HISTORY see below.

4. INVERTEBRATES leeches, clams, snails, dragonfly nymphs, H.O beetles,

5. INLETS small inlet on north end of lake drains through a swamp. DISCHARGE less than 1cfs cfs
DISCHARGE _____ cfs
DISCHARGE _____ cfs
BARRIERS _____

6. OUTLETS stream 3' wide x 1'-2' deep at south end of lake DISCHARGE _____ cfs
Flows approx. 3 miles through muskeg to Kahiltna DISCHARGE _____ cfs
River. Gradient looks gradual from the air. Maybe some faster water were it flows into the Kahiltna River for a short distance.

7. SPAWNING AREAS LAKE has gravel and small rock around shore line. Outlet stream has good spawning gravel below the lake.

8. WATERSHED TYPE Birch, spruce, willow DRAINAGE AREA _____ ACRES

9. ACCESSIBILITY AIRPLANE, SNOWMACHINE

10. ACCESS STATUS see map in folder.

11. USE SITE _____ FACILITIES NONE

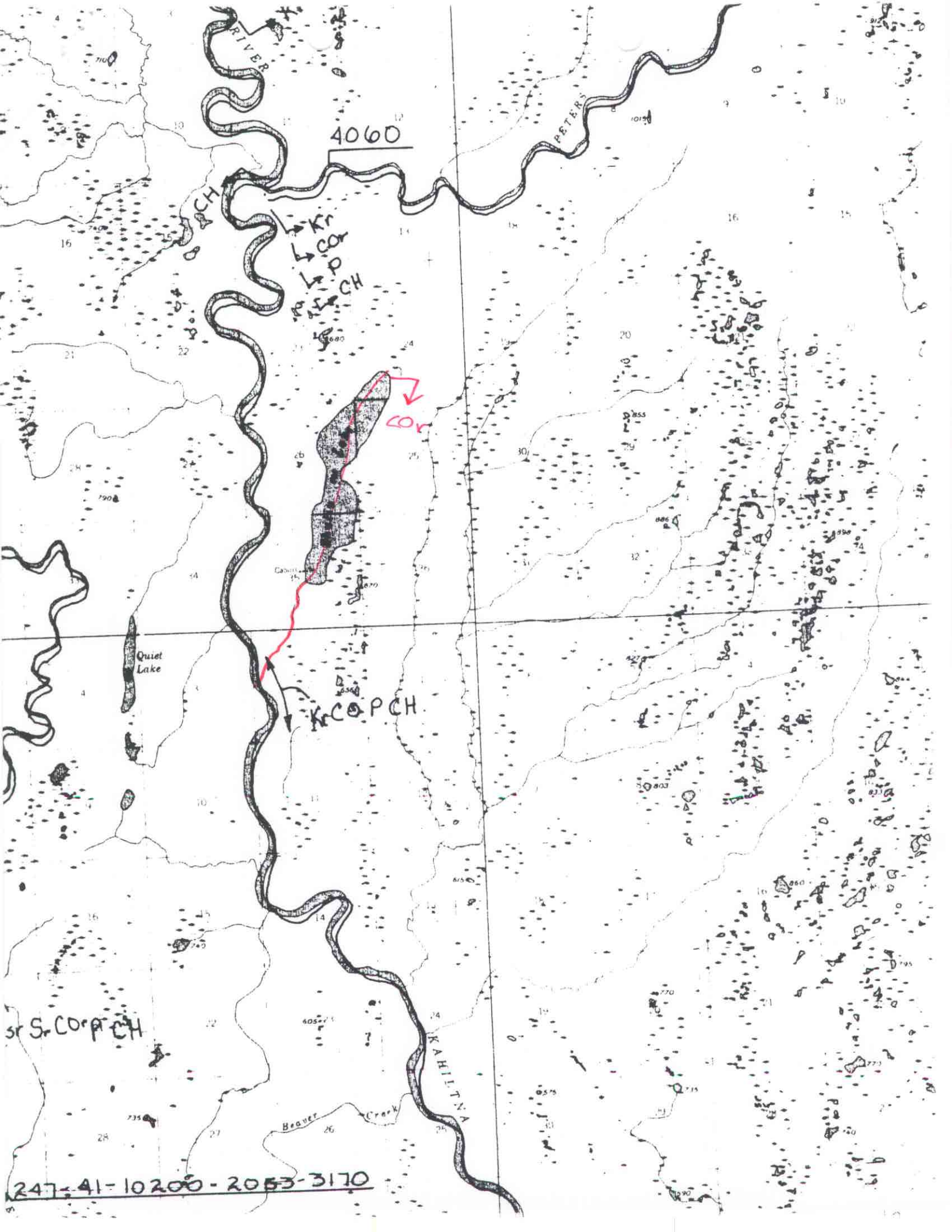
12. OTHER USE _____

13. POLLUTION NONE OBSERVED

14. REMARKS
DICK Betz has had a cabin at the outlet of the lake since the 1950's. He has seen as many as 40-50 spawning SS at the outlet in September. Has caught various sizes of RT in the outlet & 10-12" SS in the lake.

BY AL HAVENS & TERRY BRADLEY DATE 8-10-88

FG-206 2/69


RIVER
PETERS
4060
CH
Kr
Cor
P
CH
Cor
Quiet Lake
Kr Cor P CH
Sr Cor P CH
KAHILTNA
Beaver Creek
247-41-10200-2053-3170