

Approved

Name of Waterway CAPTAIN CREEK

AWC# of Waterway 334-40-11000-2490-
3151-4020-X5170

AWC Volume & Number Interior VI

USGS Quad LEVENGOOD A-1

Addition X Correction _____
 Deletion _____ Change _____

Change to _____ Atlas
 _____ Catalog
X Both

<u>H. Platt</u>	10/3/89
Regional Supervisor	Date
<u>SJS</u> 90 123	12/27/89
<u>FI</u>	12/13/89
Drafted	

GK

Species	Date(s) Observed	Spawning	Rearing	Migration
<u>ATTACHED</u>				

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

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) AL OXT, AL TOWNSEND
 Date: 10/3/89 Signature: H. Platt Alank Townsend
 Address: 1300 Colledge Road
Fairbanks, Alaska 99701

ALASKA DEPT. OF
 FISH & GAME

OCT 11 1989

REGION II
 HABITAT DIVISION

CAPTAIN CREEK

Location - Livengood A-1, Section 30, T4N, R2E, FM

Sample Reach - 200 ft reach immediately downstream of Steese Highway, approximately 1/4 mile from Chatanika River

Sample Gear - electroshocker

Anadromous Catalog - sample reach not in catalog

Description of Sample Reach and Observations - sand/gravel/cobble and silt substrate, overhanging vegetation, no fish barriers observed, aquatic habitat rated #2

Sample on July 13, 1989 - water slightly turbid (49 F), discharge 6 cfs, 1 arctic grayling (99 mm), 17 slimy scuplin, and 40 chinook salmon (52, 53, 49, 54, 56, 59, 48, 53, 54, 54, 56, 52, 52, 69, 54, 58, 56, 48, 49, 56, 54, 49, 45, 53, 53, 51, 54, 52, 56, 56, 56, 51, 52, 49, 53, 53, 54, 52, 54, 53 mm) collected and released

Summary of 1989 Sampling - anadromous fish habitat present with documentation of high use by juvenile chinook salmon documented, recommend that Captain Creek be added to the catalog

KOKOMO CREEK

Location - Livengood A-1, Section 14, T4N, R2E, FM

Sample Reach - 200 ft sample reach immediately upstream of Steese Highway, approximately 1/8 mile from Chatanika River

Sample Gear - electroshocker

Anadromous Catalog - sample reach in catalog

Description of Sample Reach and Observations - sand and gravel substrate with riprap along streambanks, overhanging vegetation, no fish barriers observed, aquatic habitat rated #3

Sample on July 20, 1989 - water clear (47 F), discharge 10 cfs, 1 round whitefish (162 mm), 22 slimy sculpin, 8 burbot (170, 232, 225, 230, 315, 305, 270, 180 mm), and 27 chinook salmon (48, 57, 51, 53, 52, 56, 60, 58, 57, 53, 63, 57, 54, 51, 57, 56, 57, 57, 54, 58, 51, 53, 57, 54, 58, 52, 63 mm) collected and released, three additional burbot observed

Summary of 1989 Sampling - anadromous fish habitat present with high use by juvenile chinook salmon documented, recommend retaining stream in catalog

