

Approved

Name of Waterway CHATANIKA RIVER
334-40-11000-2490-
 AWC# of Waterway 3151-4020
 AWC Volume & Number Interior VI
 USGS Quad CIRCLE B-5
 Addition _____ Correction _____
 Deletion _____ Change _____
DATA X
 Change to _____ Atlas
 _____ Catalog
 _____ Both

AL OTT 10/4/89
 Regional Supervisor Date
90 104

 Drafted _____

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 OTT AL TOWNSEND
 Date: 10/3/89 Signature: AL OTT Alank. Townsend
 Address: 1300 Colledge Road
Fairbanks, AK 99701

6- ALASKA DEPT. OF FISH & GAME
 OCT 11 1989
 REGION II HABITAT DIVISION

UNNAMED CREEK

Location - Circle B-5, Section 2, T6N, R6E, FM (first tributary upstream of Horse Creek entering Chatanika River on left side of floodplain)

Sample Reach - 300 ft reach immediately upstream from confluence with a high water channel of the Chatanika River

Sample Gear - visual

Anadromous Catalog - sample reach in catalog

Description of Sample Reach and Observations - gravel (angular material) substrate, overhanging vegetation with instream debris, no surface flow connection with mainstem Chatanika River (side channel of Chatanika River dry), aquatic habitat rated #2

Sample on September 1, 1989 - water clear (36 F), discharge 1 cfs, 2 slimy sculpin collected and released

Summary of 1989 Sampling - anadromous fish habitat present, recommend retaining stream in the catalog

CHATANIKA RIVER

Location - Circle B-5, Section 2, T5N, R6E, FM

Sample Reach - 200 ft side channel of Chatanika River

Sample Gear - electroshocker

Anadromous Catalog - sample reach in catalog

Description of Sample Reach and Observations - gravel/cobble substrate, overhanging vegetation with instream debris, no fish barriers observed, aquatic habitat rated #4

Sample on September 1, 1989 - water turbid (43 F), discharge about 2 cfs, 8 arctic grayling (222, 232, 205, 252, 204, 182, 113, 102 mm), 10 chinook salmon (71, 69, 74, 68, 68, 67, 67, 71, 67, 70 mm), 1 burbot (270), and 3 slimy sculpin collected and released

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

CHATANIKA RIVER

Location - Circle B-5, Section 1, T5N, R6E, FM

Sample Reach - 200 ft side channel of Chatanika River

Sample Gear - electroshocker

Anadromous Catalog - sample reach in catalog

Description of Sample Reach and Observations - gravel/cobble substrate, overhanging vegetation with instream debris, no fish barriers observed, aquatic habitat rated #4

Sample on September 1, 1989 - water turbid (45 F), discharge 1 cfs, 6 arctic grayling (106, 105, 145, 167, 102, 98 mm), 9 chinook salmon (71, 69, 70, 71, 68, 71, 69, 70, 68 mm), and 8 slimy sculpin collected and released

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

CHATANIKA RIVER

Location - Circle B-5, Section 36, T6N, R6E, FM

Sample Reach - 100 ft reach of a side channel of Chatanika River fed in part by outflow from Tough Luck Creek and a shallow gravel pit located within the Chatanika River floodplain

Sample Gear - electroshocker

Anadromous Catalog - sample reach in catalog

Description of Sample Reach and Observations - gravel/cobble substrate, overhanging vegetation with instream debris, no fish barriers observed, aquatic habitat rated #4

Sample on September 1, 1989 - water turbid (47 F), discharge 1 cfs, 3 arctic grayling (136, 119, 100 mm) and 42 chinook salmon (67, 75, 69, 77, 72, 71, 76, 70, 74, 67, 69, 68, 72, 72, 70, 74, 75, 68, 72, 68, 69, 66, 69, 68, 62, 70, 72, 70, 72, 69, 69, 71, 66, 71, 75, 65, 67, 78, 71, 72, 67, 70 mm) collected and released

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