

JUNIPER CREEK

Location - Livengood A-1, Section 35, T5N, R3E, FM

Sample Reach - 300 ft reach immediately upstream from confluence of Juniper Creek and Chatanika River

Sample Gear - visual

Anadromous Catalog - sample reach not in catalog

Description of Sample Reach and Observations - silt and debris substrate, pond created by beaver dam at mouth, overhanging vegetation, beaver dam partial/complete barrier to fish passage, aquatic habitat rated #1, mouth of stream located approximately 1 mile from where shown on USGS topographic map

Sample on July 20, 1989 - water stained (black) with significant amounts of iron-colored algae, discharge 1 cfs, no fish observed

Summary of 1989 Sampling - recommend no change to catalog

LONG CREEK

Location - Livengood A-1, Section 35, T5N, R3E, FM

Sample Reach - 200 ft reach immediately upstream of the Steese Highway, approximately 1/8 stream miles from Chatanika River

Sample Gear - electroshocker

Anadromous Catalog - sample reach in catalog

Description of Sample Reach and Observations - cobble with some gravel/boulder, algae on rocks, overhanging vegetation with undercut banks, no fish barriers observed, aquatic habitat rated #3

Sample on July 12, 1989 - water clear (43 F), discharge 5 cfs, 4 arctic grayling (192, 136, 134, 132 mm), 31 slimy sculpin, and 4 chinook salmon (67, 58, 56, 60 mm) collected and released

Summary of 1989 Sampling - anadromous fish habitat present with use by juvenile chinook salmon documented, recommend no change to catalog