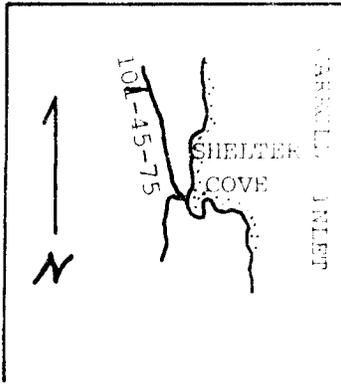


WATER: 51 F., Lt. brown, clear, pH 7.5.
 TIDE: High at time of survey
 WEATHER: Overcast, rain, 52°
 TREES: Hemlock/spruce.
 BANKS: Bedrock, stable in lower portion - mossy/brushy/undercut.
 SLOPE: Steep (lower and near falls) to moderate.

Above the log jam and out of the lower bedrock portion, this stream is a generally high quality spawning and rearing facility. About 400 coho and other unidentified fry were observed. Also observed were bear and bear sign all along creek; deer sign, small trout in creek, a lot (about 10) of water ouzels.



Name: Nigelius Creek Catalog No: 101-45-10750
 Latitude: 58 32' 09" NAD 83
 Longitude: 131 21' 04" W
 Geographic Map No.: Ketchikan 2-5 Work Area: Ketchikan
 Location: Carroll Inlet, Shelter Cove Watershed Length: 3 miles
 Water Supply Type: Several small lakes, runoff Drainage Area: 5 sq. miles

Trails & Survey Routes: Easily walked during normal water levels.

Aerial Survey Notes: Limited visibility due to steep banks and cover.

Anchorage: Shelter Cove.

Tide Stage when Surveyed: High.

WATER QUALITY

Water Quality: Fisheries: Pink, chum, coho.

Water Quality: 4-24-56: 9000 pink; 9-10-51: 52 chum.

Water Quality: Area: 7358 m² (5280'x30'x50% ASA)

Water Quality: Water Composition: Pink, chum, coho, red, trout.

Water Quality: Time of Day: September, October.

Water Quality: Schooling Areas: Head of grassflats in ITZ, small pools throughout stream.

Water Quality: Water Quality Potential: Clams on flats.

Water Quality: Sport Fisheries: Several small trout noted in upper stream.

Water Quality: Water Quality Potential: None

Water Quality: History of Land Use: Logged in last 10-20 years over portion of eastern bank of Northern (main) branch.

Water Quality: Rehabilitation Potential: None needed.

Water Quality: Soils: Appeared stable.

WATER QUALITY

- Beaver - Fish carcasses or bones (old or fresh) on banks, estimate
- Beaver - Number of droppings 3 live bear on beach.
- Beaver - Number seen on tide flats
- Beaver - Number seen up creek
- Beaver - Number of broods seen
- Beaver - Number seen on tide flats
- Beaver - Number seen up creek
- Beaver - Number of broods seen
- Mergansers - Number of broods seen
- Mergansers - Number seen along creek
- Osprey - Number of nests seen and location
- Osprey - Number seen at mouth
- Tide Flats - Estimate length along beach
- Tide Flats - Estimate depth out from beach
- Tide Flats - Eel grass present on what percent of flats