

Rapid 3'

Sick Creek  
102-30-43

Novak, Larson  
9-9-74

102-30-10430

1500 pinks to end of survey where rapids start from tree below.

-- 70' wide  
12" deep

150 chum

--- boulders/large rock

3' falls

70% available spawning area.

HEMLOCK

HEMLOCK

Island

--- gravel 2-3" diameter.

70' W.

50% pool, riffle relationship.

SPRUCE

SPRUCE

3' D pool

Pool

Rapids  
2'

--- 300 pink salmon spawning.

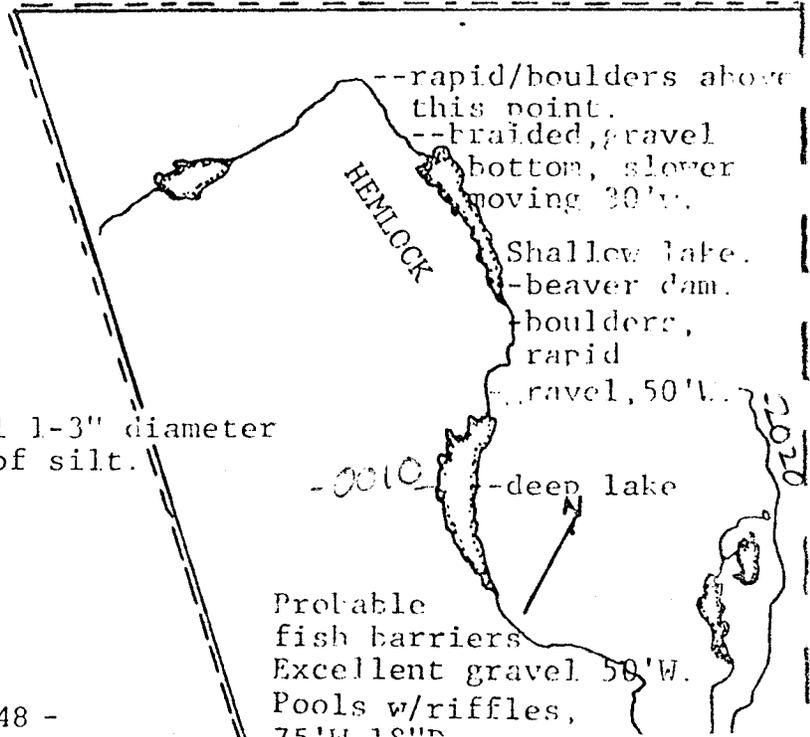
100 schooled pink salmon.

Pool

600 pink salmon spawning in the area to the pool.

Station #1

Gravel 1-3" diameter free of silt.



102-30-10450

Name Sick Creek Catalog No. 102-30-43  
 Latitude 54° 56' 04" WR No. 124D  
 Longitude 132° 12' 58" 49' K No. 132  
 Geodetic Map No. Dixon Entrance D-1 Work Area Ketchikan (Moir Sound)  
 Location Watershed Length 6.3 miles  
 Drainage Area of Watershed 9.8 square miles (polar planimeter)  
 Water Supply Type Five major lakes and numerous smaller lakes, runoff from precipitation and ground water.  
 Trails & Survey Routes Survey the I.T.Z. area by walking up the stream. Walk the north side of stream banks upstream.  
 Aerial Survey Notes Relatively open to aerial work. All spawning areas located below the lower lake. Start approximately 1 mile above I.T.Z.  
 Anchorage The south end of the arm affords good all-weather anchorage in about 7 fathoms.  
 Tide Stage When Surveyed second half of ebb.

FISHERY RESOURCES

Commercial Fisheries Pink, chum, coho  
 Escapement No historic data available - 2500 pink, 150 chum, 1974.  
Available spawning area - 8,194 M<sup>2</sup>  
 Species Composition Pink salmon most prevalent with a probable 80% composition chum 10%, coho 10%. Estimate  
 Timing Late - September - October.  
 Schooling areas School around the island off the mouth of this stream.  
 Shellfish Potential Excellent clam fishery exists at the head of the South Arm. Dungeness crab subsistence fishery may exist.  
 Sport Fisheries Cutthroat excellent with possibility of land locked and sea run. Dolly Varden and steelhead. Three species of salmon.  
 Land Use at Present None  
 History of Land Use None known except for past mineral exploration.  
 Rehabilitation Potential The falls approximately 1.5 miles upstream should be investigated for possible laddering.  
 Soils Stable with outcroppings of bedrock common in the stream.

GAME RESOURCES

Bear -----	Fish carcasses or bones (old or fresh) on banks, estimate	2
	Number of droppings	-
Geese -----	Number seen on tide flats	8
	Number seen up creek	-
	Number of broods seen	-
Mallards ---	Number seen on tide flats	-
	Number seen up creek	-
	Number of broods seen	-
Mergansers -	Number of broods seen	1
Bald Eagles-	Number seen along creek	-
	Number of nests seen and location	-
Seals -----	Number seen at mouth of stream	-
Tide flats -	Estimate length along beach	500'
	Estimate depth out from beach	8'
	Eel grass present on what percent of flats	5%

PEAK ESCAPEMENT RECORD

NAME: Moira Sound, South Arm, N.W. shore 1 mile from head

STREAM CATALOG NUMBER: 102-30-43 and 102-30-42

DATE	PINK	CHUM	OTHER SPECIES	REMARKS
Sept. 22, 1930	90,000	10,000	Few coho	Well seeded
Oct. 9, 1947	20,800	8,000		Excellent (G)
Sept. 27, 1948	32,000	3,500		Good (G)
Oct. 5, 1948			250 coho	Good (G)
Sept. 2, 1956				20,000 pink at mouth
Sept. 17, 1957				2,700 at mouth
Sept. 13, 1961				200 at mouth, none in stream, water low (A)
Sept. 6, 1962				50 fish present at the mouth (A)
Sept. 15, 1963				Few chum at mouth. Vis fair (A)
Sept. 24, 1964	-----3,000 <sup>+</sup> -----			Looks good, vis poor. (A)
Sept. 1, 1965	present			Few fish intertidally. Vis Poor (A)
Sept. 12, 1966	800	100	Few coho	400 fish intertidally. Vis good Coho in ponds (H)
Sept. 17, 1967	1,430	400		500 fish intertidally. Vis good (F)
Aug. 25, 1969	N.O.			Vis. fair. 1 jump in bay. Water calm (A)
Sept. 14, 1970	2,600	100		1,000-1,100 fish intertidally (F)
Sept. 7, 1973	-----5,150-----			(F)
			-----102-30-42-----	
Aug. 24, 1969	N.O.			Vis. fair, calm, no jumps
Sept. 10, 1970	350	200		(F)
Sept. 18, 1972	15,000	30		Many jumps in bay. Vis. good (F)
Sept. 27, 1972	3,000	1,000		500 fish intertidally. Vis. good, rain, many carcasses (F)
Sept. 5, 1974	-----15,000-----			Vis. poor. In mouth and I.T.Z. (A)