



LEFT HEAD  
SEA OTTER HARBOR

104-20-10050

104-20-05



RIGHT HEAD  
SEA OTTER HARBOR  
HOOK ARM

Name Sea Otter Hbr. - Hook Arm Catalog No. 104-20-05  
 Latitude 55° 07' ~~18~~ 12" WR No. \_\_\_\_\_  
 Longitude 133° 06' ~~47~~ 42" K No. \_\_\_\_\_  
 Geodetic Map No. Craig A-4 Work Area Ketchikan  
 Location West Coast Dall Island Watershed Length 3/4 mile  
 Drainage Area of Watershed \_\_\_\_\_  
 Water Supply Type Springs, precipitation.

Trails & Survey Routes Very brushy banks, walk in the stream.

Aerial Survey Notes Too small and brushy above the intertidal zone to survey by air.

Anchorage Refer to navigation chart #8148 and the Alaska Coast Pilot. Anchorage is behind Channel Island or at the head of the bay.

Tide Stage When Surveyed Low tide.

FISHERY RESOURCES

Commercial Fisheries Should be pink, chum and coho.

Escapement 300 chums at the mouth on 8-27-71.

Available spawning area - 209 M<sup>2</sup>

Species Composition Unknown

Timing Would be late.

Schooling areas Off the mouth and pools within the stream.

Shellfish Potential Clams in the I.T. area. Abalone in the adjacent area. Set 2 crab pots catching a dozen shrimp in 15 fathoms - no crab.

Sport Fisheries Unknown, but would be limited due to small size of the stream.

Land Use at Present None

History of Land Use None

Rehabilitation Potential None - too small and appears to be o.k. as is.

Soils Flat gradient and stream banks were stable to the point where I stopped walking.

GAME RESOURCES

Bear -----	Fish carcasses or bones (old or fresh) on banks, estimate	<u>10</u>
	Number of droppings	<u>0</u>
Geese -----	Number seen on tide flats	<u>0</u>
	Number seen up creek	<u>0</u>
	Number of broods seen	<u>0</u>
Mallards ---	Number seen on tide flats	<u>0</u>
	Number seen up creek	<u>0</u>
	Number of broods seen	<u>0</u>
Mergansers -	Number of broods seen	<u>0</u>
Bald Eagles-	Number seen along creek	<u>0</u>
	Number of nests seen and location	<u>0</u>
Seals -----	Number seen at mouth of stream	<u>2</u>
Tide flats -	Estimate length along beach	<u>-</u>
	Estimate depth out from beach	<u>-</u>
	Eel grass present on what percent of flats	<u>-</u>

Sea Otter Harbor  
Right Head of Hook Arm  
104-20-05  
7-20-74  
Downey

← Stopped 300 yds. above I.T.  
Stream gets small but continues  
on.

← 3' wide, 6" deep.

A very nice small stream  
with some excellent riffles  
and gravel. Good pools and  
rearing area. Saw several  
unidentified fry in pools --  
not coho or Dolly Varden --

} Two large trees across  
stream. No block but are  
difficult to get around.

Gravel is 2" - 4"

Very brushy banks, almost  
cover the stream near the  
upper end.

A few old fish bones on  
the banks -- bear trail  
also.

← 5' wide, 6" deep

Stream banks stable and has  
flat gradient.

Should be normal to low flow.

← 8' wide, 4" - 6" deep

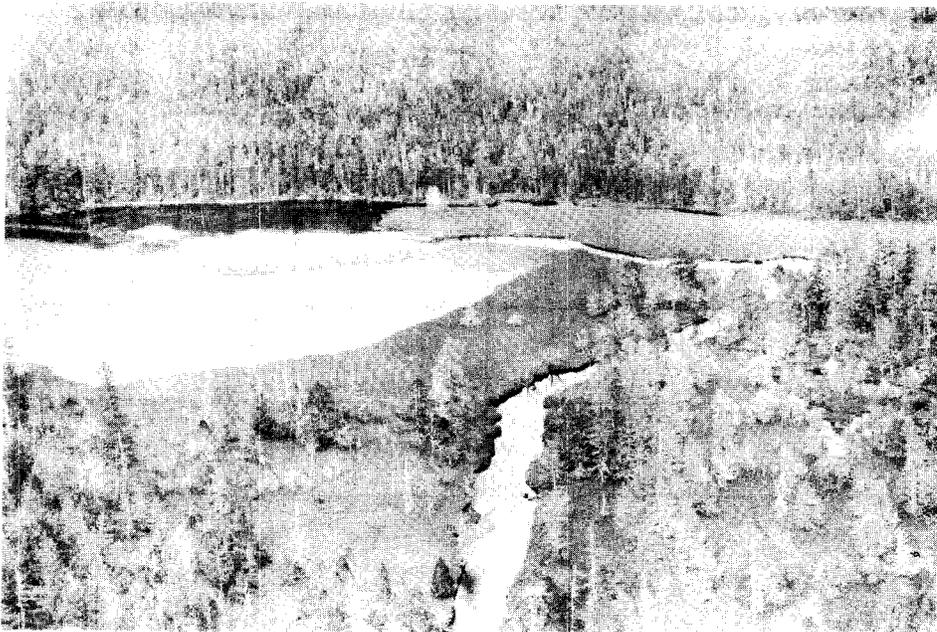
Good larger size  
flats. 500 yds.  
wide.



104-20-10



Drainage from lake  
into Manhattan Arm



Inlet to Lake

