

ALASKA DEPARTMENT OF FISH AND GAME

DIVISION OF SPORT FISH

LAKE SURVEY SUMMARY

108-40-10850-0001 LAKE Hill

Mitkof I
108-40-085

MAP REF. USGS Petersburg (C-3) 6AS R. S 16 & 17 LAT. 56° 40' 20" 09" 23" LONG 132° 40' 30"

LOC. West of mouth of Ideal Cove on Mitkof Is. SURF. ELEV. 20 FASL

1. SURF. ACRES 84 41.5 acres MAX. DEPTH Not Sounded 126' AVG. DEPTH 35' ACRE FT. 321 1258
SHOAL AREA 1-2 acres WATER COLOR Muskeg SECCHI READING Data
AQUATIC VEGETATION Sedges & Lilly pads

2. FISH SPECIES: NATIVE Cutthroat Trout INTRODUCED

3. FISHING HISTORY Medium pressure from local Petersburg residents

4. INVERTEBRATES Not Surveyed

5. INLETS One large inlet, muskeg drainage DISCHARGE est. 300 cfs
DISCHARGE cfs
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BARRIERS eroded & rotten debris fallen into inlet stream

6. OUTLETS stream leaves east side & empties into DISCHARGE cfs
Frederick Sound just north of Ideal Cove DISCHARGE cfs

BARRIERS eroded 7 fallen trees form partial barriers to salmonids

7. SPAWNING AREAS Unknown

8. WATERSHED TYPE Muskeg DRAINAGE AREA ACRES

9. ACCESSIBILITY By trail from beach from Frederick Sound or difficult

10. ACCESS STATUS National Forest Land

11. USE SITE sport fishing FACILITIES None

12. OTHER USE Unknown

13. POLLUTION None Observed

14. REMARKS Hill, Crane, Sand, And June Lakes are part of a large muskeg drainage system. It is difficult to ascertain the exact drainage pattern as subsurface flow seems to be a large input to each lake and difficult to measure due to the high water table in the area.

BY Roberts-Rietze DATE August 25, 1972