ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF SPORT FISH
LAKE SURVEY SUMMARY

LAKE Bottinentin

MAP REF. Kenai (C-2) T 5N R 7W S 17,18,19,20 LAT. 60°31' LONG. 150°34'

LOC. Kenai Peninsula SURF. ELEV. 275

1. SURF. ACRES 260 MAX. DEPTH 10 AVG. DEPTH ACRE FT.
SHOAL AREA 100% WATER COLOR Clear SECCHI READING
AQUATIC VEGETATION Dense growths of submergent and emergent varieties

2. FISH SPECIES: NATIVE SB INTRODUCED RS

3. FISHING HISTORY Unknown

4. INVERTEBRATES Insects

5. INLETS None observed DISCHARGE cfs
DISCHARGE cfs
DISCHARGE cfs
BARRIERS

6. OUTLETS None observed DISCHARGE cfs
DISCHARGE cfs
BARRIERS

7. SPAWNING AREAS None observed

8. WATERSHED TYPE Burn area, scrub spruce DRAINAGE AREA 800 - 1,000 ACRES

9. ACCESSIBILITY Junction of old and new Sterling Highway. Access road leads from Old Sterling Highway (Skilak Loop) to Bottinentin.

10. ACCESS STATUS Kenai National Moose Range

11. USE SITE Public FACILITIES Campground

12. OTHER USE Limited camping

13. POLLUTION None

14. REMARKS

BY S. Kubik & Reynolds DATE July 21, 1960

FG-206 2/69

U.S. FISH AND WILDLIFE SERVI
Lake Survey Summary

Water Body Bottenintnin Lake Survey Date(s) 9/19-20/83

1. Location: Refuge Kenai NWR T 5N R 7W S 20
Latitude N 60° 30' 50" Longitude W 150° 33' 20" Map. Ref. Kenai C-2

2. Physical Data: Surface Area 256 Ac. Max. Depth 8.0 Ft. Mean Depth 2.0 Ft.
Volume 510 Ac. Ft. Water Color Yellow Green Water Trans 8.0 Ft.
Drainage Area 1,500 Ac. Inlets (cfs) None

Outlets (cfs) None

Spawning Habitat No rainbow trout spawning habitat was present.

Access A gravel access road connects to the western end of Skilak Loop Road.

3. Water Quality: D.O. 9.9-9.5 mg/l Temp. 19.2-18.9°C Cond. 24 uhmo @ 25°C
pH 6.9 Alk. 7 mg/l Hard. 3 mg/l Phos. 15 ug/l
Kjeldahl N 0.52 mg/l MEI 39.3 SDF 1.56 Pollution None

4. Fish Species: (Abundance, H/M/L, Introduced) threespine stickleback (M-H)

Total Species 1

5. Management History: ADF&G surveyed the lake in 1960. The State stocked 30,000 coho salmon in 1965 and 38,220 sockeye salmon in 1967. Both fish plants partially or totally failed due to winter kill. Management of the lake was discontinued after 1967.

6. Current Fishery Status: The lake contains only threespine stickleback. It is subject to game fish winter kill.

7. Vegetation: Aquatic pondweed (2 Sp.), water lily (1 Sp.), sedges (2 Sp.), horsetail (1 Sp.), gentain (1 Sp.), quillwort (1 Sp.).
Coverage % 92

Terrestrial Emergent and scrub-shrub bogs with areas of immature paper birch and black spruce.

8. Wildlife: Waterfowl (3 Sp.), mammal (2 Sp.).

9. Recreation: Wildlife viewing and camping appear to be the only recreational activities. The lake is too shallow to use outboard motors.
Facilities Parking lot.

Survey Crew: Friedersdorff and Jakubas