ALASKA DEPARTMENT OF FISH AND GAME

DIVISION OF SPORT FISH

WATER ANALYSIS

WATER BOTTENENTIN LAKE

LOCATION T5N, R7W, SEC 17, 18, 1920

DATE	STATION	TIME	SNOW COVER	ICE COVER	SAMPLE DEPTH	TEMPERATURE WATER	TEMPERATURE AIR	DO	CO_2	pH	TOTAL ALKALI	REMARKS	BY
7/[illegible]/60					0	66	66	7.1		7.0			SK
"					9			7.0		7.0			
2/20/65			10	30	5			3.6				COLORIMETER	LE
4/13/66			2	30	3			1.8		6.6	7	TITRATE	LE
"					5			1.4					
4/13/67					0			2.8				TITRATE	LE
"					3			0.5					
"					5			0.8					
4/15/70			0	21	0	33	43	8.0		6.6			LH
"					8			7.0					
5/6/71			1	34			45			6.0	17	OPEN WATER ON SHORE NO DO	DH

DEFINE LOCATION OF STATIONS ON REVERSE

2/69
FG-208

Table 4.

KENAI FISHERY RESOURCES STATION
ALASKA FISHERY RESOURCES PROGRAM
U.S. FISH AND WILDLIFE SERVICE

Water Analysis Data Sheet

Study Remote & Roadside Lake Study, Kenai NWR, 1983-84
Water Body Bottenintnin Lake Survey Date/Time 7-21-83/1000
Lake Location (Latitude) N 60° 30' 50" (Longitude) W 150° 33' 20"
Code No. _____ Survey Crew Friedersdorff, Jakubas
Cloud Cover (%) 25 Wind (mph) 1-5 Air Temp (°C) 15.2 Chop (in) 2.0
Station _____

Sample Depth (m)	Water Temp. (°C)	D.O. (mg/l)	pH	Conduct-ivity (u mho)	Total Alkalinity (mg/l)	Total Hardness (mg/l)	Water Color	Water Trans. (m)	Total Phosphate (µg/l)
0	19.2	9.9	6.9	21*	7	3	XIV	2.5	15
1	19.0	9.8							
2	18.9	9.5							
*Conductivity adjusted to 25°C is 24 umhos									

Remarks: Equipment used: D.O. & Temp. - YSI 57 Meter; Conductivity - YSI SCT-33 Meter; pH-Hach 17F & Markson 88 Meter; Water Color - Forel-Ule Scale; Water Transparency - 20 cm Secchi Disc; Alkalinity - Hach AC-DT; Hardness - Hach HA-DT. Bottom could be seen.

Table 5.

KENAI FISHERY RESOURCES STATION
ALASKA FISHERY RESOURCES PROGRAM
U.S. FISH AND WILDLIFE SERVICE

Water Analysis Data Sheet

Study Remote & Roadside Lake Study, Kenai NWR, 1983-84
Water Body Bottenintnin Lake Survey Date/Time 9-20-83/1250
Lake Location (Latitude) N 60° 30' 50" (Longitude) W 150° 33' 20"
Code No. Survey Crew Friedersdorff, Jakubas
Cloud Cover (%) 100 Wind (mph) 2 Air Temp (°C) 9.2 Chop (in) 1.0
Station

Sample Depth (m)	Water Temp. (°C)	D.O. (mg/l)	pH	Conduct-ivity (u mho)	Total Alkalinity (mg/l)	Total Hardness (mg/l)	Water Color	Water Trans. (m)	Total Phosphate (µg/l)
0	7.8	11.1						2.5	
1	7.8	11.2							
2	7.8	11.2							

Remarks: Equipment used: D.O. & Temp. - YSI 57 Meter; Water Transparency - 20cm Secchi Disc. Bottom could be seen.