ALASKA DEPARTMENT OF FISH AND GAME

DIVISION OF SPORT FISH

WATER ANALYSIS

WATER Island Lake

LOCATION Kenai (C-4) T7N, R12W, S12, 13

DATE	STATION	TIME	SNOW COVER	ICE COVER	SAMPLE DEPTH	TEMPERATURE WATER	TEMPERATURE AIR	DO	CO_2	pH	TOTAL ALKALI	REMARKS	BY
	Dept												
8/27/61	39'	–	–	–	39'	62°	57°	7.1		6.20			S. Isu
↓	39'				18'	↓	↓	7.3		6.22			↓
↓	39'				Surf	↓	↓	8.0		6.25			↓
8/29/61	30'	–	–	–	30'	61°	56°	8.2				No proper indicator for pH	S Isubik
↓	30'				15'	↓	↓	8.2				↓	↓
↓	30'				Surf	↓	↓	8.0				↓	↓

DEFINE LOCATION OF STATIONS ON REVERSE

2/69
FG-208

LAKE ISLAND — MAP. REFERENCE KENAI C-4 — T 7N — R 12W — S 12,13

SAMPLE DATE SEPTEMBER 6, 1980 COLLECTED BY D. E. C. — LATITUDE 60°43' — LONGITUDE 151°18'

WEATHER: SUNNY, CLEAR — LOCATION KENAI PENNINSULA

AIR TEMPERATURE - °C — — SURFACE ELEVATION 140 FT. — SURFACE ACRES 268 — MAX. DEPTH 9.

STATION NO.	PARAMETER	DEPTH ft:	WATER TEMPERATURE °C	DISSOLVED OXYGEN - mg/l	pH	Carbonate Alkalinity as mg/l $CaCO_3$	Color - pcu	Turbidity - NTU	Total Non-Filterable	Residue (S.S) - mg/l	Nitrate mg/l	Sulfate mg/l	HEAVY METALS	Arsenic mg/l	Barium mg/l	Cadmium mg/l	Chromium mg/l	Lead mg/l	Manganese mg/l	Magnesium mg/l	Mercury mg/l	Selenium mg/l	Silver mg/l	Sodium mg/l	Calcium mg/l	Copper mg/l	Nickel mg/l	Zinc mg/l	Antimony mg/l	Iron mg/l
1		0	13.5	9.4	7.1	9	15	1.2	<10		<0.05	<1																		
		1	13.5	9.2	7.0	9	15	1.3	<10		<0.05	<1		ND	ND	ND	ND	ND	0.029	TR	ND	ND	ND	TR	TR	ND	TR	0.029		TR
		3	13.0	9.2	6.7	9	10	1.3	<10		<0.05	<1																		
		5	13.0	9.2	6.6	10	10	1.3	<10		<0.05	<1		ND	0.07	ND	ND	ND	0.026	TR	ND	ND	ND	TR	TR	ND	ND	TR		ND
2		0	14.0	9.7	7.8	11	10	1.2	<10		<0.05	<1																		
		1	13.5	9.7	7.3	10	10	1.0	<10		<0.05	<10		ND	TR	0.0012	ND	ND	0.027	TR	ND	ND	ND	TR	TR	ND	ND	TR		TR
		5	13.5	9.6	6.8	9	15	1.2	ND		<0.05	<1																		
		9.5	13.0	9.0	6.8	8	20	2.3	<10		<0.05	<1		ND	ND	ND	ND	ND	0.057	TR	ND	ND	ND	TR	TR	ND	ND	TR		0.10
					x̄ = 7.01	x̄ = 9.4																								

TABLE 7