ALASKA DEPARTMENT OF FISH AND GAME

DIVISION OF SPORT FISH

WATER ANALYSIS

WATER Craig Lake

LOCATION

DATE	STATION	TIME	SNOW COVER	ICE COVER	SAMPLE DEPTH	TEMPERATURE WATER	TEMPERATURE AIR	DO	CO_2	pH	TOTAL ALKALI	REMARKS	BY
4-11-65			4"	36"	10'			9.4					
3-7-68			3"	28"	10'			5.5					

DEFINE LOCATION OF STATIONS ON REVERSE

2/69
FG-208

ALASKA DEPARTMENT OF FISH AND GAME

DIVISION OF SPORT FISH

WATER Craig Lake

WATER ANALYSIS

LOCATION

DATE	STATION	TIME	SNOW COVER	ICE COVER	SAMPLE DEPTH	TEMPERATURE WATER	TEMPERATURE AIR	DO ppm	CO_2 ppm	pH	TOTAL ALKALI ppm	Total Hardness ppm	REMARKS	BY
9/18/70		P.M.			Surface			10.0		7.0	68	34		
2/9/71		4 P.M.	10-12" 100%	28"	6'			8.0						"
2/27/71			14"	17"	5'			12.0		6.7	54.2	85.5		
4/19/72			100% 21"	27"				4.0	5	6.5	51.3	68.4	FREE MINERAL = 1 DROP TOTAL " = 1 DROP	
1/5/72					SURFACE	70°	70°	9.0		7.9	51.3	51.3		
9/14/72						52°	55°	10.0		7.0	51.3	68.4	BIO ASSAYS SET UP - SEE BK. #4	
2/22/73			16"	26"	SURFACE 5'	34°		7.0		6.5	51.3			
					50'	35°F		5.0	10					
					72'			0.0		6.5				
					(BOTTOM 74')									
5/31/73					Surface	14°C		9.0		7.0	51	34		
6/28/73					Surface	17.5°C		9.0						
					5'	17.5								
					10'	16.0								
					15'	12.0								
					20'	9.0								
					30'	7.0								
					40'	5.0								
					50'	7.0		6.0						

DEFINE LOCATION OF STATIONS ON REVERSE

2/69
FG-208

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
CENTRAL LABORATORY, SALT LAKE CITY, UTAH

PROVISIONAL RECORDS
SUBJECT TO REVISION

WATER QUALITY ANALYSIS
LAB ID # 192035 RECORD # 27540

MPLE LOCATION: CRAIG LK NR DOT LAKE AK
ATION ID: 634340144424500 LAT.LONG.SEQ.: 634340 1444245 00
TE OF COLLECTION: BEGIN--750610 END-- TIME--1130
UNTY CODE: 090 PROJECT IDENTIFICATION: 78
TA TYPE: 2 SOURCE: LAKE OR RESERVOIR GEOLOGIC UNIT:
MMENTS:
BOTTLES F-13

K,TOT (AS CACO3)	MG/L	11	NITROGEN TOT ORG N	MG/L	0.38
UMINUM TOTAL	UG/L	90	NITROGEN TOTKJD AS N	MG/L	0.43
CARBONATE	MG/L	14	NO2 + NO3 AS N TOT	MG/L	0.03
RON TOTAL	UG/L	40	NO2+NO3 AS N DISS	MG/L	0.03
LCIUM DISS	MG/L	4.4	PHOS ORTHO DIS AS P	MG/L	0.02
RBON TOT ORGANIC	MG/L	11	PHOSPHATE DIS ORTHO	MG/L	0.06
LORIDE DISS	MG/L	1.0	PHOSPHORUS TOT AS P	MG/L	0.00
BALT TOTAL	UG/L <	50	POTASSIUM DISS	MG/L	1.6
LOR		30	RESIDUE DIS CALC SUM	MG/L	20
PPER TOTAL	UG/L	30	RESIDUE-DIS-TON/AFT		0.05
UORIDE DISS	MG/L	0.1	RESIDUE-DIS-TON/DAY		1080
RDNESS NONCARB	MG/L	5	RESIDUE-DIS 180C	MG/L	40
RDNESS TOTAL	MG/L	16	SAR		0.1
RON DISSOLVED	UG/L	70	SILICA DISSOLVED	MG/L	0.3
GNESIUM DISS	MG/L	1.3	SODIUM DISS	MG/L	0.7
NGANESE DISSOLVED	UG/L	0	SODIUM PERCENT		8
LYBDENUM TOTAL	UG/L	0	SP. CONDUCTANCE LAB		44
TROGEN NH4 ASN TOT	MG/L	0.05	STREAMFLOW(CFS)-INST		9999
TROGEN TOT AS N	MG/L	0.46	SULFATE DISS	MG/L	3.9
TROGEN TOT AS NO3	MG/L	2.0	WATER TEMP (DEG C)		15.6
			ZINC TOTAL	UG/L	20

CATIONS	(MG/L)	(MEQ/L)	ANIONS	(MG/L)	(MEQ/L)
ALCIUM DISS	4.4	0.220	BICARBONATE	14	0.230
AGNESIUM DISS	1.3	0.107	CHLORIDE DISS	1.0	0.029
OTASSIUM DISS	1.6	0.041	FLUORIDE DISS	0.1	0.006
ODIUM DISS	0.7	0.031	SULFATE DISS	3.9	0.082
			NO2+NO3 AS N D	0.03	0.003
TOTAL		0.398	TOTAL		0.346

PERCENT DIFFERENCE = 6.93