ALASKA DEPARTMENT OF FISH AND GAME

DIVISION OF SPORT FISH

WATER ANALYSIS

WATER CENTENNIAL LAKE

LOCATION T2N, R11W, SEC 17, 20

DATE	STATION	TIME	SNOW COVER	ICE COVER	SAMPLE DEPTH	TEMPERATURE WATER	TEMPERATURE AIR	DO	CO_2	pH	TOTAL ALKALI	REMARKS	BY
/20	18'	1200	0	25"	Surface	33°	44°	6.0	/	6.5	14	Cloudy Raining Slightly	SH.
/	/	/	/	/	9'	/	/	6.0	/	/	/		
/	/	/	/	/	17'	/	/	5.5	/	/	/		
3/22/74					0	32		10.0	/	/	40	Titration	S.H
					6	33		8.0					
					12	36		8.0					
3/5/76	1100	12	30		0	33		12.8				100 meter	SH
					8	38		4.8					
					16	39		2.6					

DEFINE LOCATION OF STATIONS ON REVERSE

2/69
FG-208

GEOLOGICAL SURVEY
CENTRAL LABORATORY, SALT LAKE CITY, UTAH

WATER QUALITY ANALYSIS
LAB ID # 155072 RECORD # 18841

SAMPLE LOCATION: CENTENNIAL (BOUNDARY) LK NR NINILCHIK AK
STATION ID: 601527151130900 LAT.LONG.SEQ.: 601527 1511309 00
DATE OF COLLECTION: BEGIN--750520 END-- TIME--1030
COUNTY CODE: 120 PROJECT IDENTIFICATION: 58
DATA TYPE: 2 SOURCE: LAKE OR RESERVOIR GEOLOGIC UNIT:
COMMENTS:
75F664 TOC WAS RECEIVED IN ANCH UNCHILLED

ALK.TOT (AS CACO3)	MG/L	8	NITROGEN TOT ORG N	MG/L	0.52
BICARBONATE	MG/L	10	NITROGEN TOTKJD AS N	MG/L	0.69
BORON TOTAL	UG/L	40	NO2+NO3 AS N TOT	MG/L	0.05
CALCIUM DISS	MG/L	1.5	NO2+NO3 AS N DISS	MG/L	0.05
CARBON TOT ORGANIC	MG/L	4.8	~~PH LAB~~		~~6.4~~
CHLORIDE DISS	MG/L	1.8	PHOS ORTHO DIS AS P	MG/L	0.01
COLOR		26	PHOSPHATE DIS ORTHO	MG/L	0.03
CONDUCTIVITY		36	PHOSPHORUS TOT AS P	MG/L	0.03
CONDUCTIVITY LAB			POTASSIUM DISS	MG/L	1.1
FLUORIDE DISS	MG/L	0.0	RESIDUE DIS CALC SUM	MG/L	13
HARDNESS NONCARB	MG/L	0	RESIDUE DIS TON/AFT		0.02
HARDNESS TOTAL	MG/L	7	RESIDUE DIS 180C	MG/L	17
IRON DISSOLVED	UG/L	30	SAR		0.3
MAGNESIUM DISS	MG/L	0.8	SILICA DISSOLVED	MG/L	0.3
MANGANESE DISSOLVED	UG/L	80	SODIUM DISS	MG/L	1.8
NITROGEN NH4 ASN TOT	MG/L	0.17	SODIUM PERCENT		32
NITROGEN TOT AS N	MG/L	0.74	SULFATE DISS	MG/L	0.5
NITROGEN TOT AS NO3	MG/L	3.3	WATER TEMP (DEG C)		4.5

PROVISIONAL RECORDS
SUBJECT TO REVISION

CATIONS	(MG/L)	(MEQ/L)	ANIONS	(MG/L)	(MEQ/L)
CALCIUM DISS	1.5	0.075	BICARBONATE	10	0.164
MAGNESIUM DISS	0.8	0.066	CHLORIDE DISS	1.8	0.051
POTASSIUM DISS	1.1	0.029	FLUORIDE DISS	0.0	0.000
SODIUM DISS	1.8	0.079	SULFATE DISS	0.5	0.011
			NO2+NO3 AS N D	0.05	0.004
TOTAL		0.247	TOTAL		0.229

PERCENT DIFFERENCE = 3.67