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

LAKE Craig Lake

MAP REF. Mt. Hayes C-2 T 14S R 16E S 6 LAT. 63°44'N LONG. 144°42'W

LOC. Mi. 1383 Alaskan Hwy. (on old Ak. Hwy.) SURF. ELEV. 1550

1. SURF. ACRES 17 MAX. DEPTH 75 AVG. DEPTH ACRE FT.
SHOAL AREA WATER COLOR clear SECCHI READING
AQUATIC VEGETATION unknown

2. FISH SPECIES: NATIVE ~~none~~ Lake Chub (M 1997) INTRODUCED rainbow trout, silver salmon, kamloop trout

3. FISHING HISTORY 3 lb. RT and 1.5 lb. SS have been caught

4. INVERTEBRATES

5. INLETS one small inlet on S.W. side DISCHARGE unknown cfs
DISCHARGE cfs
DISCHARGE cfs
BARRIERS none

6. OUTLETS none DISCHARGE cfs
DISCHARGE cfs
BARRIERS

7. SPAWNING AREAS possible near inlet

8. WATERSHED TYPE hilly lowland, birch-spruce DRAINAGE AREA ACRES

9. ACCESSIBILITY trail, 1/2 mi. W. from old hwy.

10. ACCESS STATUS public, state selected

11. USE SITE none FACILITIES none

12. OTHER USE none

13. POLLUTION none

14. REMARKS

BY McKirdy DATE 1961

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

PROVISIONAL RECORDS
SUBJECT TO REVISION

WATER QUALITY ANALYSIS
LAB ID # 192036 RECORD # 27540

SAMPLE LOCATION: CRAIG LK NR DOT LAKE AK
STATION ID: 634340144424500 LAT.LONG.SEQ.: 634340 1444245 00
DATE OF COLLECTION: BEGIN--750610 END-- TIME--1130
COUNTY CODE: 090 PROJECT IDENTIFICATION: 78
DATA TYPE: 2 SOURCE: LAKE OR RESERVOIR GEOLOGIC UNIT:
COMMENTS:
BOTTLES F-13

ALK.TOT (AS CACO3)	MG/L		11	NITROGEN TOT ORG N	MG/L		0.38
ALUMINUM TOTAL	UG/L		90	NITROGEN TOTKJD AS N	MG/L		0.43
BICARBONATE	MG/L		14	NO2 + NO3 AS N TOT	MG/L		0.03
BORON TOTAL	UG/L		40	NO2+NO3 AS N DISS	MG/L		0.03
CALCIUM DISS	MG/L		4.4	PHOS ORTHO DIS AS P	MG/L		0.02
CARBON TOT ORGANIC	MG/L		11	PHOSPHATE DIS ORTHO	MG/L		0.06
CHLORIDE DISS	MG/L		1.0	PHOSPHORUS TOT AS P	MG/L		0.00
COBALT TOTAL	UG/L	<	50	POTASSIUM DISS	MG/L		1.6
COLOR			30	RESIDUE DIS CALC SUM	MG/L		20
COPPER TOTAL	UG/L		30	RESIDUE DIS TON/AFT			0.05
FLUORIDE DISS	MG/L		0.1	RESIDUE DIS TON/DAY			1080
HARDNESS NONCARB	MG/L		5	RESIDUE DIS 180C	MG/L		40
HARDNESS TOTAL	MG/L		16	SAR			0.1
IRON DISSOLVED	UG/L		70	SILICA DISSOLVED	MG/L		0.3
MAGNESIUM DISS	MG/L		1.3	SODIUM DISS	MG/L		0.7
MANGANESE DISSOLVED	UG/L		0	SODIUM PERCENT			8
MOLYBDENUM TOTAL	UG/L		0	SP. CONDUCTANCE LAB			44
NITROGEN NH4 ASN TOT	MG/L		0.05	STREAMFLOW(CFS)-INST			9999
NITROGEN TOT AS N	MG/L		0.46	SULFATE DISS	MG/L		3.9
NITROGEN 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)
CALCIUM DISS	4.4	0.220	BICARBONATE	14	0.230
MAGNESIUM DISS	1.3	0.107	CHLORIDE DISS	1.0	0.029
POTASSIUM DISS	1.6	0.041	FLUORIDE DISS	0.1	0.006
SODIUM 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