ALASKA DEPARTMENT OF FISH AND GAME

DIVISION OF SPORT FISH

WATER ANALYSIS

WATER Crater Lake

LOCATION Mile 1.2 Lake Louise Rd.

DATE	STATION	TIME	SNOW COVER	ICE COVER	SAMPLE DEPTH	TEMPERATURE WATER	TEMPERATURE AIR	DO	CO_2	pH	TOTAL ALKALI	REMARKS	BY
1/20/65				26"	7'			6.3					
2/11/66			9"	24"	7'			8.3					
2/11/66			9"	24"	10'			8.3					
3/7/66			7"	28"	6'			6.4					
3/7/66			7"	28"	10'			7.0					
3/15/68			11"	29"	5'			7.5					
3/15/68			11"	29"	10'			6.0					
4/8/69			8"	22"	5'			8.0				Total Depth 14'	
4/1/70			8"	24"	10"			6.0				Total Depth 17'	
4/15/71			4"	36"	5'			6.0				Total Depth 14'	
4/7/72			12"	31"	5'			9.5					
2/24/81	middle Lk.	1330Hrs	12"	23"	5'		33°	8ppm				2'32°, 4'33°, 6'35°, 8'37°, 10'38°, 12'39°, 14'39°, 16'-26' 40°	
					9'			6ppm					
5/13/81						42°						Vagrly Ice Covered, open Cliffs & shoreline	Buc
MM 1981												Conductivity 275 range 4	
4/30/82	mid Lk	1500hrs	11½"	27"	5'	See Remarks	42°	5ppm				5=32°, 2'=32°, 4'=33°, 6'=35°, 8'=36°, 10'=37°, 12'=38° 14'=38° (Bottom)	
					8'			4ppm					

DEFINE LOCATION OF STATIONS ON REVERSE

2/69
FG-208

ALASKA DEPARTMENT OF FISH AND GAME

DIVISION OF SPORT FISH

WATER Crater LK

WATER ANALYSIS

LOCATION LK. Louise Rd.

DATE	STATION	TIME	SNOW COVER	ICE COVER	SAMPLE DEPTH	TEMPERATURE WATER	TEMPERATURE AIR	DO	CO_2 (Total Hardness)	pH	TOTAL ALKALI	REMARKS	BY
3/31/83	mid LK.	1:45pm	13"	23"	~~1~~ 1'			8 ppm				Temps. 2'32°, 4'33°, 6'34°, 8'36°, 10'37° 12'38°, 14' Bottom 39°	
"					9'			6 ppm					
4/4/84	mid LK	1405	14¼"	25"	5'			5 ppm				2' 33°, 4' 33°, 6' 34°, 8' 36°, 10' 37°, 12' 38°	
					9'			4 ppm				14' 39° B	
4/18/85	mid LK	1300	15"	24"	5'		5°C	10 ppm	205	8.0	171	6" OVERFLOW Conductivity = ~~385~~ 351	GB
					9'			9 ppm				2' = 36°F 6' = 38° 10' = 40 M (Bottom) = 42 9' = 37°F 8' = 39° 12' = 40	

DEFINE LOCATION OF STATIONS ON REVERSE

2/69
FG-208

Alamillon

CENTRAL LABORATORY, SALT LAKE CITY, UTAH

WATER QUALITY ANALYSIS
LAB ID # 151004 RECORD # 18011

SAMPLE LOCATION: CRATER LK NR TAZLINA LODGE AK
STATION ID: 620607146223000 LAT.LONG.SEQ.: 620607 1462230 00
DATE OF COLLECTION: BEGIN--750526 END-- TIME--1700
COUNTY CODE: 260 PROJECT IDENTIFICATION: 58
DATA TYPE: 2 SOURCE: SURFACE WATER GEOLOGIC UNIT:
COMMENTS:
75FG54

PROVISIONAL RECORDS
SUBJECT TO REVISION

ALK,TOT (AS CACO3)	MG/L	93	NITROGEN TOT AS NO3	MG/L	3.2
BICARBONATE	MG/L	113	NITROGEN TOT ORG N	MG/L	0.70
BORON TOTAL	UG/L	40	NITROGEN TOTKJD AS N	MG/L	0.71
CALCIUM DISS	MG/L	32	NO2 + NO3 AS N TOT	MG/L	0.01
CARBON TOT ORGANIC	MG/L	29	NO2+NO3 AS N DISS	MG/L	0.01
CHLORIDE DISS	MG/L	1.0	~~PH LAB~~ Delete		~~7.4~~
COLOR		35	PHOS ORTHO DIS AS P	MG/L	0.01
CONDUCTIVITY		202	PHOSPHATE DIS ORTHO	MG/L	0.03
CONDUCTIVITY LAB		202	PHOSPHORUS TOT AS P	MG/L	0.02
DEPTH(FT.FR.SURFACE)		2.0	POTASSIUM DISS	MG/L	1.1
FLUORIDE DISS	MG/L	0.1	RESIDUE DIS CALC SUM	MG/L	115
HARDNESS NONCARB	MG/L	12	RESIDUE DIS TON/AFT		0.20
HARDNESS TOTAL	MG/L	100	RESIDUE DIS 180C	MG/L	150
IRON DISSOLVED	UG/L	50	SAR		0.1
MAGNESIUM DISS	MG/L	6.0	SILICA DISSOLVED	MG/L	7.3
MANGANESE DISSOLVED	UG/L	60	SODIUM DISS	MG/L	2.8
NITROGEN NH4 ASN TOT	MG/L	0.01	SODIUM PERCENT		5
NITROGEN TOT AS N	MG/L	0.72	SULFATE DISS	MG/L	9.0
			WATER TEMP (DEG C)		5.5

PROVISIONAL RECORDS
SUBJECT TO REVISION

CATIONS	(MG/L)	(MEQ/L)	ANIONS	(MG/L)	(MEQ/L)
CALCIUM DISS	32	1.597	BICARBONATE	113	1.85
MAGNESIUM DISS	6.0	0.494	CHLORIDE DISS	1.0	0.02
POTASSIUM DISS	1.1	0.029	FLUORIDE DISS	0.1	0.00
SODIUM DISS	2.8	0.122	SULFATE DISS	9.0	0.18
			NO2+NO3 AS N D	0.01	0.00
TOTAL		2.240	TOTAL		2.07

PERCENT DIFFERENCE = 3.86

16 acres, Ave Depth 12 FT, Vol 192 acre FT