

LAKE SURVEY DATA

SURVEYED BY: Klein & Heathman DATE SURVEYED: May 2, 1972

NAME: QUAMICHAN LAKE MAP REF. CODE NO. 92 B/13 E

DATA ON FILE:

Physical Data	<u>X</u>	Fish Samples	<u>X</u>
Geography	<u>X</u>	Stomach Analysis	<u> </u>
Chemical	<u>X</u>	Scale Reading	<u>X</u>
Flora	<u> </u>	Resort & Campsite	<u>X</u>
Invertebrates	<u> </u>	Habitation	<u>X</u>
Temperature Series	<u>X</u>	Access	<u>X</u>
Obstructions & Pollutions	<u> </u>	Oxygen	<u>X</u>
Stocking	<u>X</u>	Photography	<u> </u>
General Information	<u> </u>	Rehabilitation	<u> </u> Year <u> </u>
Miscellaneous	<u> </u>	Bench Mark	<u>X</u>

LOCATION:

Latitude, Longitude 48° 48' : 123° 40'

Drainage, System Quamichan Creek to Cowichan River

Elevation Approximately 100 ft.

PHYSICAL DATA:

Surface Area 774.5 acres Volume ^{12,038.7}
~~12,163.2~~ acre/ft.

Area, 20 ft. contour 349.0 acres Shoreline Perimeter 27,390 ft.

Maximum Depth 27 ft. Mean Depth ^{15.5}
~~17.7~~ ft.

Total Dissolved Solids 87 P.P.M. Shoreline Development

Bench Mark 17 ft. 6 in. Secchi Reading 5 ft.

GEOGRAPHY:

Local Geography: Shoreline 85 % forested, swamp willow, rushes. Surrounding country slightly rolling hills, alder, willow, fir, hemlock forest.

Aquatic Plants: Emergents - bullrushes, cattails & yellow water lily
Submergents - potamogeton
Floating aquatics - duckweed

Lake Drainage: Inlet - stream was observed but no flow rate was taken.
Outlet - none observed.

LAKE Quamichan

GENERAL INFORMATION

ACCESS: East of Duncan on Marchant Road 1 mile, left on Lakes Road, right on Moose Road.

RESORTS AND CAMPSITES: Boat launching, Air West seaplane terminal.

OTHER HABITATIONS: Scattered private homes.

OBSTRUCTIONS AND POLLUTIONS: Domestic use.

GENERAL DESCRIPTION:

LAKE: Quamichan

TEMPERATURE: Series taken

LIGHT PENETRATION: Secchi Disc. 5 Ft. 1 /10 O.C.

1640 Hrs. Surface Calm

OXYGEN: Series taken

Ph: Surface 7.8

Bottom Ft. 7.8

H₂S Bottom Nil.

DISSOLVED SOLIDS: Instrument used Dionic Meter

DATE	T. D. S.	BREAKDOWN
May 2, 1972		
Surface 87	P.P.M.	
15 ft. 88	P.P.M.	
30 ft. 87	P.P.M.	
SP. COND.		

MISCELLANEOUS:

BENCH MARK: Located 17 ft. 6 in. above water level

in a 30 in. Fir tree, on Davis Road approx. 70 feet from the water.

CHECKING LIST OF SPECIES

LAKE QUAMICWAN
 (OVERNIGHT SET, TWISTED)

7 C.T.

BASS

Smallmouth Micropterus dolomieu
 Largemouth M. salmoides
 Pumpkinseed Lepomis gibbosus
 Black Crappie Pomoxis nigromaculatus

SALMON

Pink Oncorhynchus gorboscha
 Coho O. kisutch
 Spring O. tshawytscha
 Chum O. keta
 Sockeye O. nerka
 Kokanee O. nerka kennerlyi

WHITEFISH

Round Prosopium cylindraceum
 Mountain P. williamsoni
 Pygmy P. coulteri
 Lake Coregonus clupeaformis
 Broad C. nasus
 Least Cisco C. sardinella
 Inconnu Stenodus leucichthys nelma

GRAYLING

Arctic Thymallus arcticus

SUCKERS

Coarse Scale Catostomus macrocheilus
 White C. commersonni
 Longnose C. catostomus
 Bridgelip C. columbianus
 Northern Mountain Pantosteus jordani

SCULPINS

Prickly Cottus asper
 Aleutian C. aleuticus
 Spoonhead C. ricei
 Torrent C. rhotheus
 Slimy C. cognatus
 Columbia C. hubbsi

PERCH

Yellow Perca flavescens
 Walleye Stizostedion vitreum

TROUTPERCH

Troutperch Percopsis omiscomaycus

PIKE

Northern Esox lucius

CODFISH

Burbot Lota lota

CATFISH

Brown Bullhead Ictalurus nebulosus ~~22~~ 18 cms
 Black Bullhead I. melas

211

MOONEYES

Goldeye Hiodon alosoides

HERRING

American Shad Alosa sapidissima

SMELTS

Eulachon Thaleichthys pacificus
 Longfin Spirinchus dilatatus

TROUT

Cutthroat (coastal) Salmo clarki clarki \rightarrow Ave = 29.6 cm

	SPECIMENS	SCALES	STOMACH	RECORD ONLY
Smallmouth				
Largemouth				
Pumpkinseed				
Black Crappie				
Pink				
Coho				
Spring				
Chum				
Sockeye				
Kokanee				
Round				
Mountain				
Pygmy				
Lake				
Broad				
Least Cisco				
Inconnu				
Arctic				
Coarse Scale				
White				
Longnose				
Bridgelip				
Northern Mountain				
Prickly				
Aleutian				
Spoonhead				
Torrent				
Slimy				
Columbia				
Yellow				
Walleye				
Troutperch				
Northern				
Burbot				
Brown Bullhead				
Black Bullhead				
Goldeye				
American Shad				
Eulachon				
Longfin				
Cutthroat (coastal)				

7

7

VERTICAL TEMPERATURE RECORD SHEET FOR LAKES

Lake Quamichan Locality Duncan Area Station _____
 Date May 2/72 Time 1640 hrs. Recorder Klein
 Cloud cover to O. C. 1/10 Wind Velocity 0 m.p.h. Direction -
 Secchi Disc 5 Ft Viewing Box _____ Surface Condition Calm
 Air Temperature 74 °F. Instrument Used Fishometer
 Remarks _____

Depth	Temperature °F.	Depth	Temperature	Depth	Temperature	Depth	Temperature
Surface							
1		41		81			
2	53.6	42		82			
3	53.0	43		83			
4		44		84			
5	53.0	45		85			
6		46		86			
7		47		87			
8		48		88			
9		49		89			
10	52.6	50		90			
11		51		91			
12		52		92			
13		53		93			
14		54		94			
15	52.0	55		95			
16		56		96			
17		57		97			
18		58		98			
19		59		99			
20	51.0	60		100			
21		61		110			
22		62		120			
23		63		130			
24		64		140			
25	49.9	65		160			
26		66		180			
27	49.0	67		200			
28		68		225			
29		69		250			
30		70		275			
31		71		300			
32		72					
33		73					
34		74					
35		75					
36		76					
37		77					
38		78					
39		79					
40		80					

OXYGEN RECORD SHEET

LAKE Quamichan DATE May 2, 1972 STN. _____

Time 1655 hrs. Instrument Used Kemmerer B Method Hach Kit

Remarks _____

(N.B.) Fix to stage 2 immediately upon getting sample.

Depth	Bottle No.	O ₂ in P.P.M.	Depth	Bottle No.	O ₂ in P.P.M.	Depth	Bottle No.	O ₂ in P.P.M.
Surface								
1		13.0	44			87		
2			45			88		
3			46			89		
4			47			90		
5			48			91		
6			49			92		
7			50			93		
8			51			94		
9			52			95		
10			53			96		
11			54			97		
12			55			98		
13			56			99		
14			57			100		
15		15.0	58			110		
16			59			120		
17			60			130		
18			61			140		
19			62			160		
20		10.0	63			180		
21			64			200		
22			65			225		
23			66			250		
24			67			275		
25			68			300		
26			69					
27			70					
28			71					
29			72					
30			73					
31			74					
32			75					
33			76					
34			77					
35			78					
36			79					
37			80					
38			81					
39			82					
40			83					
41			84					
42			85					
43			86					

WATER CHEMISTRY REQUISITION-REPORT

3/1/73

LABORATORY
RESOURCES SERVICE
WEBBROOK CRESCENT
SUITE 8, BRITISH COLUMBIA

LABORATORY USE ONLY

P.C.B. COAST DISTRICT
SUBMITTING AGENCY

7300478

SAMPLING SOURCE - QUANICHAN CREEK SAMPLED BY -
B. LEE

PERMIT OR SITE NUMBER	SAMPLE TYPE	SUBMITTING AGENCY	YEAR	START OF SAMPLING			YEAR	FINISH OF SAMPLING			SAMPLING DEPTH	SAMPLE LOCATION		
				MONTH	DAY	HOUR	MINUTES		MONTH	DAY	HOUR	MINUTES	FEET	
0126420	01	01	73	01	30	14	55						0.000	

ALKALINITY: PHENOLPTHALEIN (CaCO ₃)	COPPER: DISSOLVED (Cu)	NICKEL: DISSOLVED (Ni)	RESIDUE: TOTAL (105° C)
12	24	36	48
ALKALINITY: TOTAL (CaCO ₃)	CYANIDE (Cn)	NITROGEN: AMMONIA (N)	RESIDUE: TOTAL FIXED (550° C)
ARSENIC: UNFILTERED (As)	FLUORIDE: DISSOLVED (F)	NITROGEN: DISSOLVED NITRATE + NITRITE (N)	RESIDUE: FILTERABLE (105° C)
ARSENIC: DISSOLVED (As)	HARDNESS: TOTAL (CaCO ₃)	NITROGEN: DISSOLVED NITRATE (N)	RESIDUE: NON-FILTERABLE (105° C)
BORON: DISSOLVED (B)	IRON: UNFILTERED (Fe)	NITROGEN: DISSOLVED NITRITE (N)	RESIDUE: FIXED NON-FILTERABLE (550° C)
CADMIUM: UNFILTERED (Cd)	IRON: DISSOLVED (Fe)	NITROGEN: ORGANIC (N)	RESIDUE: VOLATILE NON-FILTERABLE
CADMIUM: DISSOLVED (Cd)	LEAD: UNFILTERED (Pb)	NITROGEN: TOTAL KJELDAHL (N)	SILICA: REACTIVE (SiO ₂)
CALCIUM: DISSOLVED (Ca)	LEAD: DISSOLVED (Pb)	NITROGEN: TOTAL (N)	SODIUM: DISSOLVED (Na)
CARBON: TOTAL ORGANIC (C)	MAGNESIUM: DISSOLVED (Mg)	OIL AND GREASE	SPECIFIC CONDUCTANCE (umhos/cm)
CARBON: TOTAL INORGANIC (C)	MANGANESE: UNFILTERED (Mn)	OXYGEN: BIOCHEMICAL DEMAND (5 DAY)	SULPHATE: DISSOLVED (SO ₄)
CHLORIDE: DISSOLVED (Cl)	MANGANESE: DISSOLVED (Mn)	OXYGEN: CHEMICAL DEMAND	SURFACTANTS (LAS)
CHROMIUM: UNFILTERED (Cr)	MERCURY: UNFILTERED (Hg)	pH (units)	TANNIN AND LIGNIN LIKE COMPOUNDS
CHROMIUM: DISSOLVED (Cr)	MERCURY: DISSOLVED (Hg)	PHENOL	TEMPERATURE: ON ARRIVAL (°C)
COLOUR: TRUE (UNITS)	MOLYBDENUM: UNFILTERED (Mo)	PHOSPHORUS: DISSOLVED ORTHO PHOSPHATE (P)	TURBIDITY (units)
COLOUR: APPARENT (units)	MOLYBDENUM: DISSOLVED (Mo)	PHOSPHORUS: TOTAL PHOSPHATE (P)	ZINC: UNFILTERED (Zn)
COPPER: UNFILTERED (Cu)	NICKEL: UNFILTERED (Ni)	POTASSIUM: DISSOLVED (K)	ZINC: DISSOLVED (Zn)

NOTE - UNLESS OTHERWISE INDICATED, ALL MEASUREMENTS ARE IN MILLIGRAMS PER LITER.

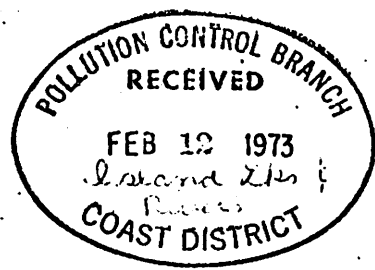
DATE REPORTED
72 YEAR MONTH DAY
73 7 3 0 2 0 9
I. KALNINS
SIGNATURE

RESULTS OF FIELD TESTS

12 RESIDUAL CHLORINE (mg/L)	24 OXYGEN: DISSOLVED (mg/L)	36 pH (UNITS)
00	00	00
TEMPERATURE: AT SAMPLING (°C)	BAROMETRIC PRESSURE (INCHES Hg)	FLOW (gpm)
00	00	00
12	27	42
00	00	00
00	00	00

REMARKS (LABORATORY USE ONLY)

NO. OF TESTS DATA FOLLOWS
78 80
0.6



WATER CHEMISTRY REQUISITION-REPORT

18/1/73

LABORATORY
RESOURCES SERVICE
ESBROOK CRESCENT
DIVER 8, BRITISH COLUMBIA

LABORATORY USE ONLY

P.C.B. COAST DISTRICT
SUBMITTING AGENCY

7300250

WATER SOURCE -

QUAMICHAN CREEK

RUSH

SAMPLED BY -

B. LEE

PERMIT OR SITE NUMBER	SAMPLE TYPE	SUBMITTING AGENCY	START OF SAMPLING					FINISH OF SAMPLING					SAMPLING DEPTH FEET	SAMPLE LOCATION
			YEAR	MONTH	DAY	HOUR	MINUTES	YEAR	MONTH	DAY	HOUR	MINUTES		
0126420	01	01	73	01	17	13	00						0000	

ALKALINITY: PHENOLPHTHALEIN (CaCO ₃)	COPPER: DISSOLVED (Cu)	NICKEL: DISSOLVED (Ni)	RESIDUE: TOTAL (105° C)
ALKALINITY: TOTAL (CaCO ₃)	CYANIDE (Cn)	NITROGEN: AMMONIA (N)	RESIDUE: TOTAL FIXED (550° C)
ARSENIC: UNFILTERED (As)	FLUORIDE: DISSOLVED (F)	NITROGEN: DISSOLVED NITRATE + NITRITE (N)	RESIDUE: FILTERABLE (105° C)
ARSENIC: DISSOLVED (As)	HARDNESS: TOTAL (CaCO ₃)	NITROGEN: DISSOLVED NITRATE (N)	RESIDUE: NON-FILTERABLE (105° C)
BORON: DISSOLVED (B)	IRON: UNFILTERED (Fe)	NITROGEN: DISSOLVED NITRITE (N)	RESIDUE: FIXED NON-FILTERABLE (550° C)
CADMIUM: UNFILTERED (Cd)	IRON: DISSOLVED (Fe)	NITROGEN: ORGANIC (N)	RESIDUE: VOLATILE NON-FILTERABLE
CADMIUM: DISSOLVED (Cd)	LEAD: UNFILTERED (Pb)	NITROGEN: TOTAL KJELDAHL (N)	SILICA: REACTIVE (SiO ₂)
CALCIUM: DISSOLVED (Ca)	LEAD: DISSOLVED (Pb)	NITROGEN: TOTAL (N)	SODIUM: DISSOLVED (Na)
CARBON: TOTAL ORGANIC (C)	MAGNESIUM: DISSOLVED (Mg)	OIL AND GREASE	SPECIFIC CONDUCTANCE (µmhos/cm)
CARBON: TOTAL INORGANIC (C)	MANGANESE: UNFILTERED (Mn)	OXYGEN: BIOCHEMICAL DEMAND (5 DAY)	SULPHATE: DISSOLVED (SO ₄)
CHLORIDE: DISSOLVED (Cl)	MANGANESE: DISSOLVED (Mn)	OXYGEN: CHEMICAL DEMAND	SURFACTANTS (LAS)
CHROMIUM: UNFILTERED (Cr)	MERCURY: UNFILTERED (Hg)	PH (UNITS)	TANNIN AND LIGNIN LIKE COMPOUNDS
CHROMIUM: DISSOLVED (Cr)	MERCURY: DISSOLVED (Hg)	PHENOL	TEMPERATURE: ON ARRIVAL (°C)
COLOUR: TRUE (UNITS)	MOLYBDENUM: UNFILTERED (Mo)	PHOSPHORUS: DISSOLVED ORTHO PHOSPHATE (P)	TURBIDITY (UNITS)
COLOUR: APPARENT (UNITS)	MOLYBDENUM: DISSOLVED (Mo)	PHOSPHORUS: TOTAL PHOSPHATE (P)	ZINC: UNFILTERED (Zn)
COPPER: UNFILTERED (Cu)	NICKEL: UNFILTERED (Ni)	POTASSIUM: DISSOLVED (K)	ZINC: DISSOLVED (Zn)

NOTE - UNLESS OTHERWISE INDICATED, ALL MEASUREMENTS ARE IN MILLIGRAMS PER LITER.

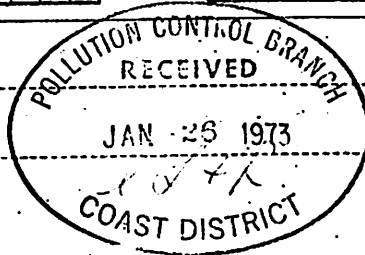
DATE REPORTED
73 YEAR 01 MONTH 25 DAY

M. Donlan

RESULTS OF FIELD TESTS

RESIDUAL CHLORINE (mg/L)	OXYGEN: DISSOLVED (mg/L)	PH (UNITS)
00	00	00
TEMPERATURE: AT SAMPLING (°C)	BAROMETRIC PRESSURE (INCHES Hg)	FLOW (gpm)
00	00	00

REMARKS (LABORATORY USE ONLY)



NO. OF TESTS DATA FOLLOWS

07

CHEMISTRY LABORATORY
WATER CHEMISTRY REQUISITION REPORT

LABORATORY USE ONLY

CHEMISTRY LABORATORY,
WATER RESOURCES SERVICE,
550 WESTBROOK CRESCENT,
VANCOUVER 8, BRITISH COLUMBIA

P.C.B. COAST DISTRICT
SUBMITTING AGENCY

3.0.39.5.6.W

SAMPLING SOURCE

QUAMICHAN CREEK

SAMPLED BY

B. LEE

TEAM TOP SITE NUMBER	SAMPLE TYPE	SUBMITTING AGENCY			START OF SAMPLING				FINISH OF SAMPLING				SAMPLING DEPTH (FEET)	SAMPLE CONN. LOCATION	LOWER DEPTH (FEET)	VERT. COMP.
		19	21	23	MONTH	DAY	HOOR	MINUTES	YEAR	MONTH	DAY	HOOR				
0126420		01	01	73	07	11	13	05					0000			

TEST NO.	TEST NAME	RESULT	TEST NAME	RESULT	TEST NAME	RESULT
01	ALKALINITY: PHENOLPHTHALEIN (CaCO ₃)	1.0	MAGNESIUM: DISSOLVED (Mg)	25.9	POTASSIUM: DISSOLVED (K)	26.4
02	ALKALINITY: TOTAL (CaCO ₃)	1.0	NITROGEN: AMMONIA (N)	0.8	RESIDUE TOTAL (105° C)	5.0
03	ARSENIC UNFILTERED (As)	2.5	NITROGEN DISSOLVED NITRATE + NITRITE (N)	1.0	RESIDUE: TOTAL FIXED (550° C)	0.5
04	ARSENIC DISSOLVED (As)	2.5	NITROGEN: DISSOLVED NITRATE (N)	3.7	RESIDUE: FILTERABLE (105° C)	0.7
05	BORON DISSOLVED (B)	2.5	NITROGEN: DISSOLVED NITRITE (N)	0.1	RESIDUE: NONFILTERABLE (105° C)	0.8
06	CALCIUM UNFILTERED (Ca)	2.5	NITROGEN: ORGANIC (N)	17.0	RESIDUE: FIXED NONFILTERABLE (550° C)	0.1
07	CALCIUM DISSOLVED (Ca)	2.5	NITROGEN: TOTAL KJELDAHL (N)	14.0	RESIDUE: VOLATILE NONFILTERABLE	0.9
08	CARBON: TOTAL ORGANIC (C)	2.5	NITROGEN: TOTAL (N)	1.3	SILICA: REACTIVE (SiO ₂)	0.1
09	CARBON: TOTAL INORGANIC (C)	1.0	OIL & GREASE	1.4	SODIUM: DISSOLVED (Na)	1.2
10	CHLORIDE: DISSOLVED (Cl)	1.2	OXYGEN: BIOCHEMICAL DEMAND (5 DAY)	0.3	SPECIFIC CONDUCTANCE (µmhos/cm)	2.6
11	COLOUR TRUE (UNITS)	1.0	OXYGEN: CHEMICAL DEMAND	1.5	SULPHATE: DISSOLVED (SO ₄)	0.1
12	CYANIDE: TOTAL (Cn)	0.0	pH (units)	1.6	SULPHIDE: TOTAL (S)	1.2
13	FLOURIDE: DISSOLVED (F)	1.0	PHENOL	8.2	TANNIN & LIGNIN LIKE COMPOUNDS	1.2
14	HARDNESS: TOTAL (CaCO ₃)	1.0	PHOSPHORUS DISSOLVED ORTHO PHOSPHATE (P)	0.1	TEMPERATURE ON ARRIVAL (°C)	17.6
15	MAGNESIUM UNFILTERED (Mg)	1.0	PHOSPHORUS: TOTAL (P)	1.7	TURBIDITY (units)	1.2
16						
17						
18						

NOTE - UNLESS OTHERWISE INDICATED, ALL MEASUREMENTS ARE IN MILLIGRAMS PER LITER.

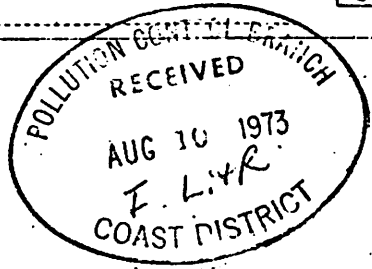
DATE REPORTED
YEAR MONTH DAY
73 08 08

F. L. Lee
SIGNATURE

REMARKS (LABORATORY USE ONLY)

NO. OF TESTS
06

* IF ADD L. DATA FOLLOWS



5.7.7

WATER CHEMISTRY REQUISITION-REPORT

24/1/73

CHEMISTRY LABORATORY
WATER RESOURCES SERVICE
150 WESBROOK CRESCENT
VANCOUVER 8, BRITISH COLUMBIA

LABORATORY USE ONLY

P.C.B. COAST DISTRICT
SUBMITTING AGENCY

7300349

SAMPLING SOURCE -

QUAMICHAN CREEK

SAMPLED BY -

B. LER.

PERMIT OR SITE NUMBER	SAMPLE TYPE	SUBMITTING AGENCY	START OF SAMPLING				FINISH OF SAMPLING	SAMPLING DEPTH		
			YEAR	MONTH	DAY	HOUR			MINUTES	YEAR
0126420	01	01	73	01	23	14	20	0000		

TEST NO.	TEST NAME	TEST NO.	TEST NAME	TEST NO.	TEST NAME	TEST NO.	TEST NAME
10	ALKALINITY: PHENOLPHTHALEIN (CaCO ₃)	24	COPPER: DISSOLVED (Cu)	36	NICKEL: DISSOLVED (Ni)	48	RESIDUE: TOTAL (105° C)
01	12	01	24	01	36	01	48
02	ALKALINITY: TOTAL (CaCO ₃)	02	CYANIDE (Cn)	02	NITROGEN: AMMONIA (N)	02	RESIDUE: TOTAL FIXED (550° C)
03	ARSENIC: UNFILTERED (As)	03	FLUORIDE: DISSOLVED (F)	03	NITROGEN: DISSOLVED NITRATE + NITRITE (N)	03	RESIDUE: FILTERABLE (105° C)
04	ARSENIC: DISSOLVED (As)	04	HARDNESS: TOTAL (CaCO ₃)	04	NITROGEN: DISSOLVED NITRATE (N)	04	RESIDUE: NON-FILTERABLE (105° C)
05	BORON: DISSOLVED (B)	05	IRON: UNFILTERED (Fe)	05	NITROGEN: DISSOLVED NITRITE (N)	05	RESIDUE: FIXED NON-FILTERABLE (550° C)
06	CADMIUM: UNFILTERED (Cd)	06	IRON: DISSOLVED (Fe)	06	NITROGEN: ORGANIC (N)	06	RESIDUE: VOLATILE NON-FILTERABLE
07	CADMIUM: DISSOLVED (Cd)	07	LEAD: UNFILTERED (Pb)	07	NITROGEN: TOTAL KJELDAHL (N)	07	SILICA: REACTIVE (SiO ₂)
08	CALCIUM: DISSOLVED (Ca)	08	LEAD: DISSOLVED (Pb)	08	NITROGEN: TOTAL (N)	08	SODIUM: DISSOLVED (Na)
09	CARBON: TOTAL ORGANIC (C)	09	MAGNESIUM: DISSOLVED (Mg)	09	OIL AND GREASE	09	SPECIFIC CONDUCTANCE (µmhos/cm)
10	CARBON: TOTAL INORGANIC (C)	10	MANGANESE: UNFILTERED (Mn)	10	OXYGEN: BIOCHEMICAL DEMAND (5 DAY)	10	SULPHATE: DISSOLVED (SO ₄)
11	CHLORIDE: DISSOLVED (Cl)	11	MANGANESE: DISSOLVED (Mn)	11	OXYGEN: CHEMICAL DEMAND	11	SURFACTANTS (LAS)
12	CHROMIUM: UNFILTERED (Cr)	12	MERCURY: UNFILTERED (Hg)	12	pH (units)	12	TANNIN AND LIGNIN LIKE COMPOUNDS
13	CHROMIUM: DISSOLVED (Cr)	13	MERCURY: DISSOLVED (Hg)	13	PHENOL	13	TEMPERATURE: ON ARRIVAL (° C)
14	COLOUR: TRUE (UNITS)	14	MOLYBDENUM: UNFILTERED (Mo)	14	PHOSPHORUS: DISSOLVED ORTHO PHOSPHATE (P)	14	TURBIDITY (units)
15	COLOUR: APPARENT (UNITS)	15	MOLYBDENUM: DISSOLVED (Mo)	15	PHOSPHORUS: TOTAL PHOSPHATE (P)	15	ZINC: UNFILTERED (Zn)
16	COPPER: UNFILTERED (Cu)	16	NICKEL: UNFILTERED (Ni)	16	POTASSIUM: DISSOLVED (K)	16	ZINC: DISSOLVED (Zn)

NOTE - UNLESS OTHERWISE INDICATED, ALL MEASUREMENTS ARE IN MILLIGRAMS PER LITER.

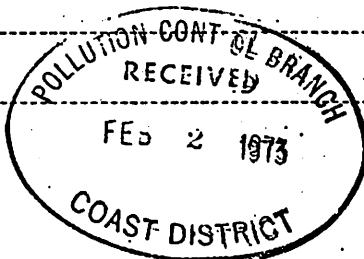
DATE REPORTED
73 YEAR MONTH DAY 77
73 01 30

J. Kainins
SIGNATURE

RESULTS OF FIELD TESTS

TEST NO.	TEST NAME	TEST NO.	TEST NAME	TEST NO.	TEST NAME
12	RESIDUAL CHLORINE (mg/L)	24	OXYGEN: DISSOLVED (mg/L)	36	pH (UNITS)
00	00	00	01.01 1.3.2	00	00
02	TEMPERATURE: AT SAMPLING (°C)	27	BAROMETRIC PRESSURE (INCHES Hg)	42	FLOW (gpm)
00	01.01 4.	00	00	00	00
12	RESIDUAL CHLORINE (mg/L)	27	BAROMETRIC PRESSURE (INCHES Hg)	42	FLOW (gpm)
00	00	00	00	00	00
02	RESIDUAL CHLORINE (mg/L)	27	BAROMETRIC PRESSURE (INCHES Hg)	42	FLOW (gpm)
00	00	00	00	00	00

REMARKS (LABORATORY USE ONLY)



NO. OF TESTS DATA FOLLOWS

08

DIVISION OF LABORATORIES
BRITISH COLUMBIA HEALTH SERVICES

REQUISITION AND REPORT FORM L5 (REV. 6/69)
WATER BACTERIOLOGY

LABORATORY USE ONLY

SENT BY:

B. LEE

ADDRESS:

P.C.B. VICTORIA

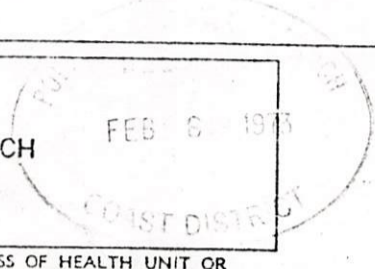
DATE COLLECTED:

JAN 30/73

DATE REPORTED:

FEB 5 1973

J. W. THOMAS
POLLUTION CONTROL BRANCH
PARLIAMENT BUILDINGS
VICTORIA, B.C.



SOURCE OF SAMPLE:

QUAMICHAN CREEK
0126420

PRINT OR TYPE IN BOX FULL POSTAL ADDRESS OF HEALTH UNIT OR
OF PERSONS AUTHORIZED TO RECEIVE REPORT.
SEE REVERSE FOR INSTRUCTIONS, INTERPRETATION, AND NOTES.

FECAL, PLEASE

THIS IS YOUR REPORT—LABORATORY USE ONLY

AFD⁰

COPY TO: DEPUTY MINISTER OF HEALTH.

STANDARD PLATE COUNT PER ML		COLIFORM TEST PER ML							MPN PER 100 ML
20° C.	35° C.	0.00001	0.0001	0.001	0.01	0.1	1.0	10	
				FAECAL	3/5	4/5	5/5		280

note '0126420' on sample bottle label.

B.L. R

DIVISION OF LABORATORIES
BRITISH COLUMBIA HEALTH SERVICES

REQUISITION AND REPORT FORM L5 (REV. 2/72)
WATER BACTERIOLOGY

LABORATORY USE ONLY

SENT BY:

B. LEE

ADDRESS:

P.C.B. VICTORIA

DATE COLLECTED:

JAN 17/73

DATE REPORTED:

JAN 22 1973

J. W. THOMAS
POLLUTION CONTROL BRANCH
PARLIAMENT

PRINT OR TYPE IN BOX FULL POSTAL ADDRESS OF HEALTH UNIT OR
OF PERSONS AUTHORIZED TO RECEIVE REPORT.
SEE REVERSE FOR INSTRUCTIONS, INTERPRETATION, AND NOTES.

SOURCE OF SAMPLE:

QUAMICHAN CREEK
0126420

TOTAL AND FECAL, PLEASE.

THIS IS YOUR REPORT—LABORATORY USE ONLY

FD

COPY TO: DEPUTY MINISTER OF HEALTH.

STANDARD PLATE COUNT PER ML		COLIFORM TEST PER ML							MPN PER 100 ML
20° C.	35° C.	0.00001	0.0001	0.001	0.01	0.1	1.0	10	
				TOTAL	1/5	2/5	4/5		260
				FAECAL	0/5	0/5	1/5		20



Samples were taken just below the bridge
(Oad. to Maple Bay)

[Handwritten signature]