A RECONNAISSANCE SURVEY OF CORBETT LAKE

WATERSHED:	Thompson River
DATE OF SURVEY:	September 17, 1990.
FIELD CREW LEADER:	D.M.V. Coombes
FIELD ASSISTANT:	R.S. Dabrowski

REPORT PREPARED BY:	D.M.V. Coombes
REPORT EDITED BY:	J.G. Norris

(Senior Inventory Technician)

REPORT FOR RELEASE BY:

D. Tredger

(i/c Inventory Operations)

FISHERIES BRANCH
MINISTRY OF ENVIRONMENT, LANDS AND PARKS

SYSTEM NAME: Logans Creek
LAKE SEQUENCE NO: 120-2466-510-295-2

SYSTEM NO: MOE 120-2466-510-295
RAB 02-2500-490-350
A.S.A.P. REFERENCE NO: 312009

DATA ON FILE FOR THIS SURVEY

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LOCATION

Location: 15 km to the southeast of Merritt, B.C.
Elevation: 1042 m±
Latitude/Longitude: (Outlet) 50°01'06":120°36'52" U.T.M.: (Outlet) 10.6709.55432
Management Unit: 3-12 N.T.S. Map No.: 92 I/2
Drainage: Corbett Lake, expansion of Logans Creek → (Courtney Lake) → Quilchena Creek → Nicola River → Thompson River

PHYSICAL DATA

Lake Drainage Area:	11.8 km²	Volume:	1 796 000 m³
Water Surface Area:	290 500 m²	Flushing Rate:	-
Area Above 6 m Contour:	166 800 m²	Perimeter of Islands:	-
Shoreline Perimeter:	3040 m	Number of Islands:	0
Maximum Depth:	20.3 m	Mean Depth:	6.2 m
Filtrable Residue (T.D.S.):	386 mg/L	Secchi Disc:	4.8 m

Sounding Device: Lowrance X-16

Elevation Source Interpolation from NTS contour map

BENCH MARK

Height of the top of the stake protecting the outlet door frame at the water outlet was 77 cm above water level at time of survey. The top of the horizontal frames holding the outlet door were at the water level at the time of survey.

High water mark: 0.5 m above water level at time of survey.

TERRAIN FEATURES

Immediate Shoreline:

There was a sharp drop-off from the high water mark into the water along much of the eastern shore, but there was a gentle initial underwater gradient from the high water mark at the north and south ends, as well as along much of the western shore. However, in the latter case (the western shore), the gradient steepened markedly beyond a narrow littoral shelf. Above the water line, there was a steep gradient from the water along the eastern shore, near the resort (~70 m to either side of the dock access) and up to the highway grade (the section from ~60 m south of the boat launch to the launch site), while it was moderate elsewhere around the lake (from the resort to the highway berm, and from the boat launch to the northeast corner).

The shoreline materials consisted mainly of eroded till, including some till used as fill for the dam and for the highway base. There were no beaches. This material supported willows and sedges (esp. *Carex rostrata*), which formed a riparian fringe around much of the margin. The primary immediate backshore vegetation around the lake was principally grassland, but on the eastern shore there was a patch of lodgepole pine with a few Ponderosa pines, and on the western shore, there was a patch of conifers, mainly Douglas fir with a few lodgepole pines and the occasional Ponderosa pine. Where the subaerial shoreline had a particularly steep gradient, the riparian fringe was reduced or absent.

There were no shoals or rocks noted which could prove hazardous to boaters, but there were many drowned willows and large areas of emergent and submerged aquatic vegetation which could have a negative impact on recreational activities (swimming, boating and angling).

Access to the lake from the shore was fairly good, except for the areas of broad riparian fringe. The riparian fringe and the aquatic plant growth inhibited access to the shore from the lake, but it was still fairly easy to access almost all the shoreline from the lake. There were two areas of excellent access, one at the public boat ramp and the other at the resort dock.

Surrounding Country:

The lake is at the edge of an area of grassy rolling hills on the Thompson plateau. There are few areas of exposed bedrock. The bulk of the area is covered in a till blanket, with some large areas of glaciofluvial deposits (including dead ice topography). There are some minor areas of fluvial materials, especially noted in valleys.

The bedrock in the vicinity of the lake belongs mainly to the Nicola assemblage, of Upper Triassic to Lower Jurassic in age. Most of the Nicola rocks here are clastic volcanics, with some flows (including an augite porphyry), and there are some beds of marine sediments, which include calcareous reef deposits. There are also some Pleistocene basaltic lavas, belonging to the "Valley Basalt" assemblage. In the area, there are also a number of rocks of different origins and ages than the above, but these are minor, and should have little effect on the watercourses.

The Nicola rocks are high in copper values (compared to the usual B.C. background levels), and there are many small occurrences which have very high copper concentrations.

This is a low annual rainfall area, with hot summers, and materials can build up in the soil (from the weathering of the till and volcanic rocks). When flushed by the infrequent rainfalls, the runoff is much higher in dissolved substances than would occur in a cooler, higher rainfall area with similar bedrock and till cover.

Much of this area was logged and/or cleared for ranching early in this century or late in the last one. At the moment, the areas to the west of the lake are sparsely treed, primarily in Douglas fir, while the areas to the east tend to be grassed, with clumps of aspen, and small woods of mixed Ponderosa pine, Douglas fir, and varying proportions of lodgepole pine. Corbett Lake is in the "Interior Douglas Fir" biogeoclimatic zone.

ACCESS

Directions:

The survey crew drove south on Nicola Avenue, starting at the intersection of Voght Street and Nicola Avenue in the centre of Merritt. Nicola Avenue became Highway 5A. Corbett Lake was on the left-hand side of the road, 18.4 km from the start.

Road Type and Conditions:

Highway 5A was paved and in excellent condition at the time of survey. The boat launch was gravel and in fair condition.

Restrictions:

There were no restrictions to access at the time of survey. However, the District Highways Manager (Nicola District) in Merritt (Mr. Doug Kirk) stated that there was a possibility that access would be denied in the future.

RESORTS AND CAMPSITES

Corbett Lake Country Inn, located at the south end of the lake, had boats and cabins available.

OTHER DEVELOPMENTS

There was a public boat launch at the side of the highway. For safety and access reasons, this might not be maintained as such.

OBSTRUCTIONS AND POLLUTIONS

At the time of survey, the main inlet was a trickle, with no surface flow in some sections, and very swampy, offering no fish passage. Fish passage (on the inlet) would only be likely in periods of freshet. Freshet would also facilitate downstream movement over the dam, but even during freshet, the dam would block upstream fish movement. Logans Creek between Corbett and Courtney lakes was dry, and there was a impassable (to fish) dam on the outlet of Courtney Lake, so that there would be no movement of fish upstream from Logans Creek or Quilchena Creek into Courtney.

SPECIAL RESTRICTIONS

There were a number of restrictions at the time of survey.

1. No gas motors.
2. No ice fishing.
3. Artificial flies only.
4. Two fish limit.

Contact the Conservation Officer Service and the Rafting and Boating Regulations officer (Visitor Services, Parks Division) for up-to-date information. At the time of writing, the telephone no. of the former was 378-9377 (in Merritt) and of the latter was 387-4427 (in Victoria).

AQUATIC PLANTS

The aquatic plants of Corbett Lake were dense enough in the shallow areas (especially the northern end and the small bay to the north-east) to impede recreational use of the lake. Information on the plants of Corbett Lake is stored under site #265 in the "Water Quality Branch Lakes Database" [also known by that branch as the "B.C. Lakes Database" (it is maintained by Dr. P. Warrington)], and under accession #265 in the "WIB Herbarium".

PLANTS NOTED AND/OR COLLECTED

Chara sp.	*Polygonum amphibium*	*Sparganium* sp.
Eleocharis palustris	*Potamogeton friesii*	*Typha latifolia*
Hippuris vulgaris	*P. gramineus*	*Utricularia vulgaris*
Lemna trisulca	*P. pectinatus*	
Myriophyllum sibiricum	*Scirpus lacustris*	

Plant identifications were by the author and by the courtesy of Dr. P. Warrington, Water Quality Branch, Ministry of Environment, Lands and Parks.

WILDLIFE OBSERVATIONS

No wildlife were noted.

MISCELLANEOUS COMMENTS

The survey was done for the Research Section of the Fisheries Branch. Detailed water chemistry was not called for, and only a few basic parameters were done for the surface sample, and a bare minimum for the lower sample. The Research Section may do more complete analyses in the future.

Corbett Lake was rehabilitated in 1973.

The map of Corbett Lake was prepared using an aerial photograph, BC 86067:052, taken August 1, 1986.

LAKE DRAINAGE

General:

Corbett is the second and smaller of two lakes on Logans Creek. It is 1,000 m long by 900 m wide (at the widest) and is oriented roughly northwest/southeast. There is approximately 2.0 km of Logans Creek above Corbett Lake, 1.0 km between Corbett and Courtney lakes, and 3.3 km below Courtney (where Logans Creek flows south for 1.1. km and east for 2.2 km). After flowing 3.3 km from Courtney Lake, Logans Creek flows into Quilchena Creek. From its confluence with Logans Creek, Quilchena Creek flows north-northeast 29.0 km to its confluence with the Nicola River, which is Nicola Lake in this reach. From this confluence, the Nicola flows southwest, west, and then northwest 109.6 km to the Thompson River, and the latter flows south and then west 38.9 km from there, to meet with the Fraser River.

Major Systems:

Outlet -- Logans Creek (system code MOE 120-2466-510-295, RAB 02-2500-490-350).
Logans Creek is dammed at the outlet of Corbett Lake and there is no fish habitat available to fish from Corbett Lake in the creek. Moreover, there is no visible surface channel 600 m downstream from the lake outlet.

Inlet -- Logans Creek (system code MOE 120-2466-510-295, RAB 02-2500-490-350).
Logans Creek was a seepage into Corbett Lake at the time of survey, and offered no fish habitat.

Minor Systems:

Inlet -- Unnamed Creek (system code MOE 120-2466-510-295-787, RAB 0202500-490-350-***).
This unnamed creek is seasonal and was dry at the time of survey. It enters on the north end of Corbett Lake, west of Logans Creek.

FISHERIES MANAGEMENT COMMENTS

This survey was done primarily to obtain the bathymetry of the lake, and was requested by the Research Section.

The lake was rehabilitated October 3, 1973, using Rotenone. This was successful, and coarse fish had not been re-introduced at the time of survey.

Due to the large number of copper mineral occurrences near the lake and creek, care should be taken during development activities to avoid introducing toxic levels of copper into these waters.

Aeration of this lake year-round (aeration is done during winter) would increase the habitat available, and decrease the possibility of summer or winter fish kills, as the part of the lake between 6 and 10 metres depth had low to very low oxygen, while the lake between 10 to 19.9 metres depth had no oxygen and had hydrogen sulphide present (>5 mg/L of H_2S measured at 19 metres depth).

There was no apparent spawning area for salmonids. Natural recruitment is likely to be poor, so Corbett has been stocked yearly since 1952, except for 1973 when it was rehabilitated with rotenone. Most of the brood stock has been Pennask, but Beaver brood stock was used in 1991.

HISTORY OF PREVIOUS SURVEYS

Lake Surveys:

1952 — E.H. Vernon, B.C. Game Commission. A Reconnaissance Survey of Corbett Lake. Unpublished. Available from: Fish and Wildlife, Kamloops; Research Section, Fisheries Branch, at U.B.C.; and from the lake inventory files of the Conservation Section, Fisheries Branch, Victoria.

Other Related Surveys:

None known.

WATER CHEMISTRY SUMMARY

Limnology Station No. 1

Field Conditions:

Date: September 17, 1990	Time: 1045
Wind Velocity: 0 km/hr	Wind Direction: No wind
Cloud Cover: 2/10 O.C.	Surface Condition: Placid
Secchi Disc: 4.8 m	Water Colour: Brownish-green
Air Temperature: 13 °C	

Method(s) Used:

Dissolved Oxygen: YSI Model 57 0_2 meter
Water Temperature: YSI Model 57 0_2 meter
Air Temperature: alcohol-filled thermometer
pH (field): Taylor Color Comparator, Model T-O
H_2S (field): Hach kit
Water Sampler: Van Dorn bottle (Alpha Vertical Sampler)
Substrate Sampler: --
Laboratory Used: Zenon Environmental Lab, Burnaby, B.C.

WATER CHEMISTRY SUMMARY cont'd.

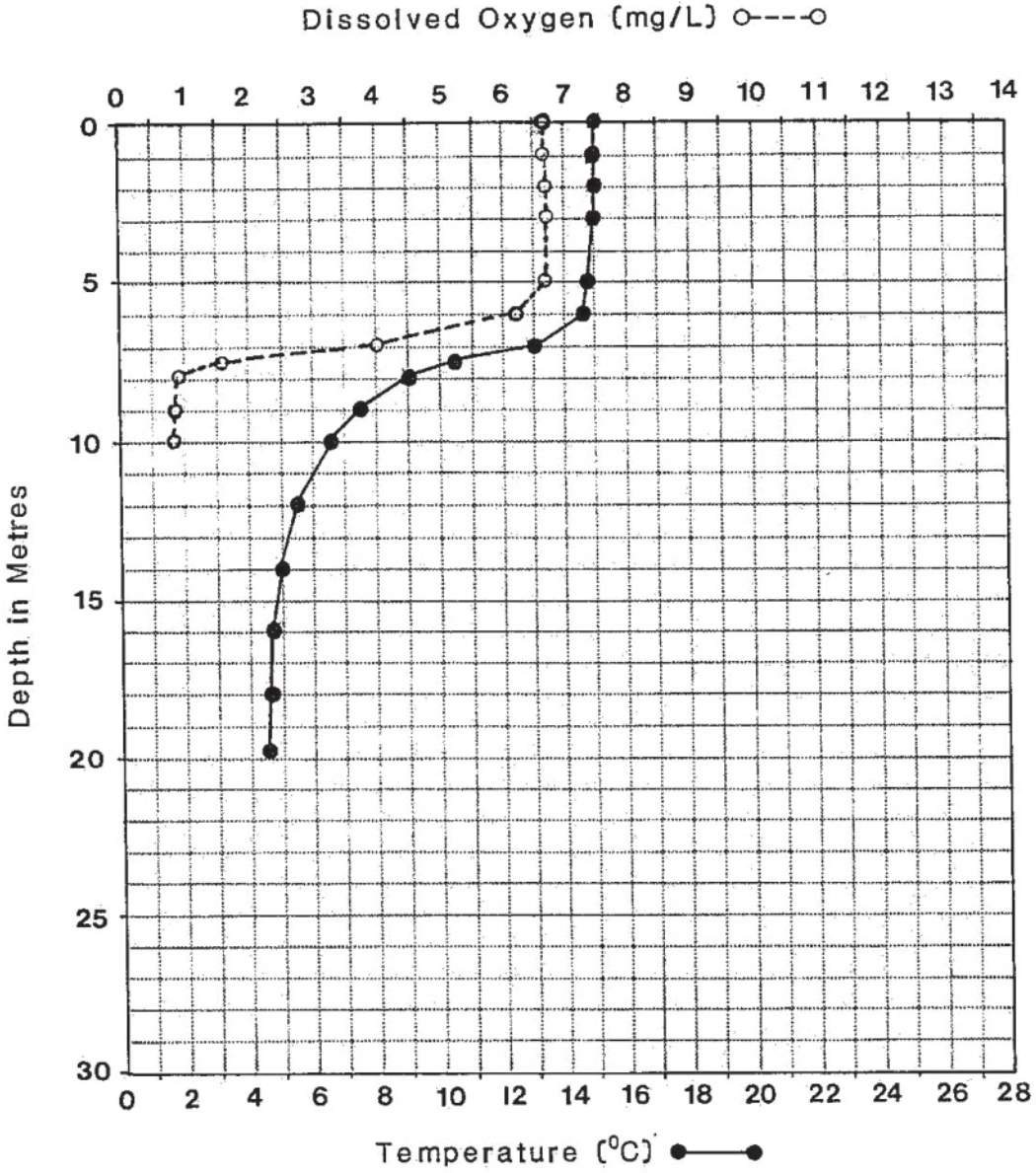
Water Sample Chemistry: SEAM Site No: E218135

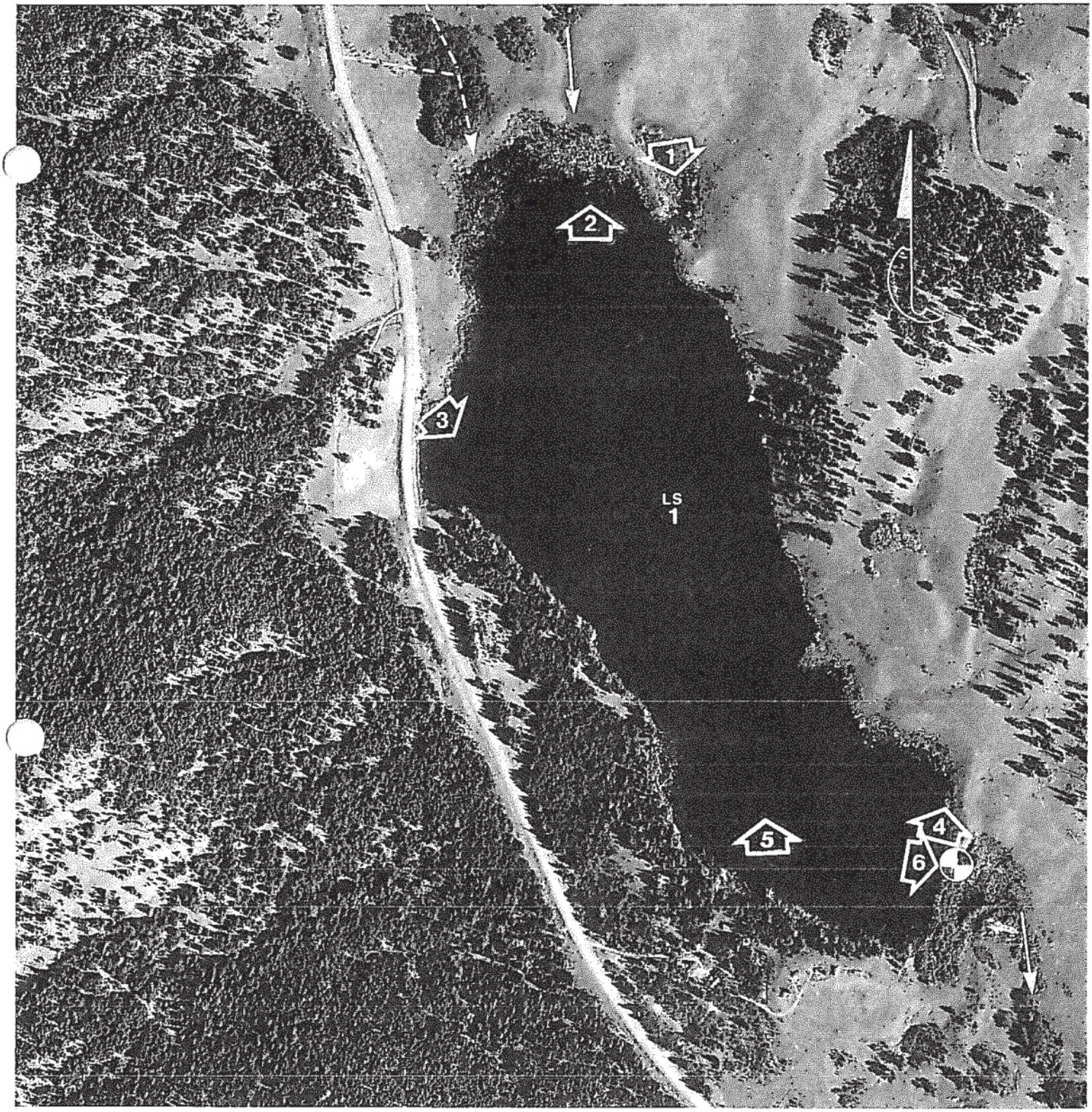
	Sampling Depths	
	Surface (0 m)	Lower (19 m)
pH (field)	8.3	6.8
pH (lab)	8.5	8.1
Specific Conductance (lab)	620 µS/cm	680 µS/cm
Filtrable Residue 105°C (lab)	386 mg/L	400 mg/L
H_2S (field)	0 mg/L	5+ mg/L

Bottom Depth: 19.9 m
Substrate Sample Depth: not sampled

DEPTH (m)	O_2 (mg/L)	TEMP (°C)
Surface	6.7	15
1.0	6.7	15
2.0	6.7	15
3.0	6.7	15
5.0	6.7	14.9
6.0	6.2	14.7
7.0	4.0	13.0
7.5	1.6	10.4
8.0	0.9	9.0
9.0	0.8	7.5
10.0	0.8	6.7
12.0	-	5.5
14.0	-	5.0
16.0	-	4.8
18.0	-	4.8
19.9	-	4.8

DISSOLVED OXYGEN AND TEMPERATURE PROFILE





LOCATION OF INVENTORY SITES

Figure 1

Lake: Corbett

Reference No.: BC 86067:052

Reference Date: August 1, 1986

Scale: 1:6374 ±

1 — Plate number, area, and direction

2 — Point sample, number, and location

Bench mark

LS 1 — Limno station location and number

NS 1 — Netting site location and number

1 — Stream flow direction and number

PHOTOGRAPHY DIRECTORY

Negative #	Plate #	Description
14	2	View north of the northern shoreline of Corbett Lake.
15	1	Looking southerly in the small cove at the northeastern side of Corbett Lake.
16, 17	5	View to the north from the south end of Corbett Lake.
18	6	The outlet gate part of the dam (on Logans Creek) on the south end of Corbett Lake.
19	4	View to the northeast from the southern end of Corbett Lake, showing the willow scrub along the shoreline.
20	3	View to the southeast from the Corbett Lake boat launch.

Plate 1: Looking southerly in the small cove at the northeastern side of Corbett Lake.

Plate 2: View north of the northern shoreline of Corbett Lake.

Plate 3: View to the southeast from the Corbett Lake boat launch.

Plate 4: View to the northeast from the southern end of Corbett Lake, showing the willow scrub along the shoreline.

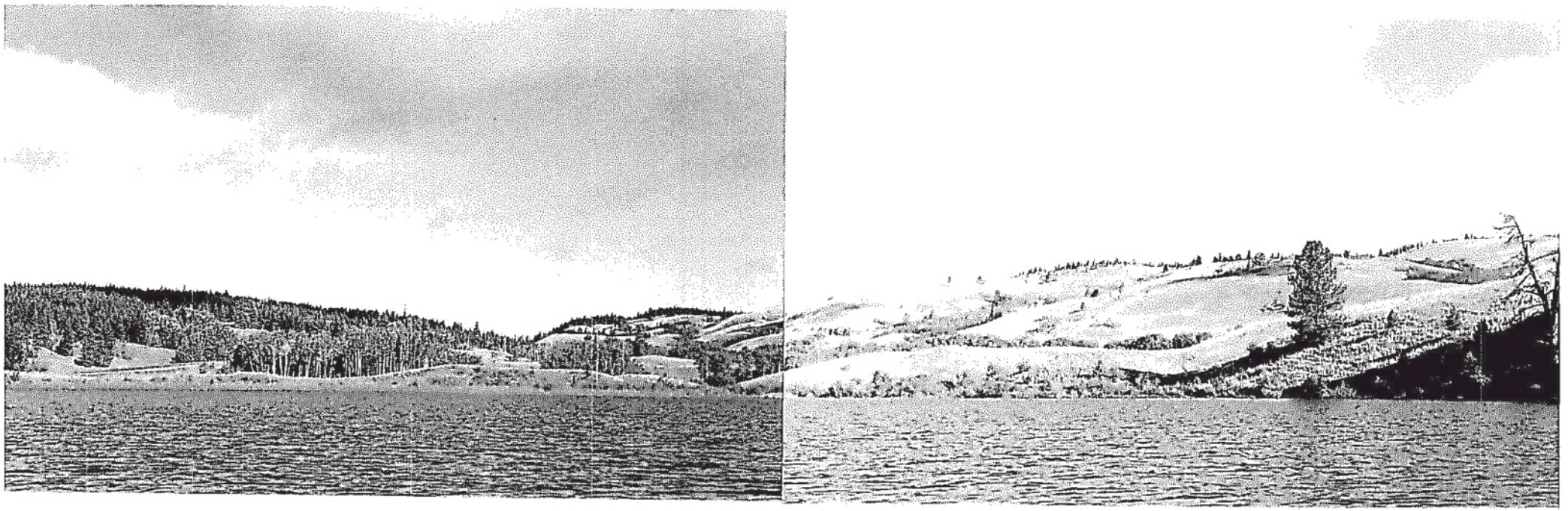


Plate 5: View to the north from the south end of Corbett Lake.

Plate 6: The outlet gate part of the dam (on Logans Creek) on the south end of Corbett Lake.

APPENDIX A

WATER CHEMISTRY ANALYSIS

28-Oct-90

ZENON ENVIRONMENTAL INC.
B.C. LABORATORY SERVICES
Report for form 03013422

WATER - RESOURCE QUALITY ATTN: COOMBES D M V Sample 90011851

Site: E218135

From :90/09/17:0000 To :90/09/17:0000
Depth Range : 0.0 0.0 Tide :
Sample State: Fresh Water
Sample Comment:
CORBETT LK DEEP STN

Parameter Description	Result	Units	Analytical Technique (Sparcode/Medium/Pres'n)
pH	8.5	pH units	Automated pH Meter (00041220/35/01)
Specific Conductance	620	uS/cm	Cond.Meter Siebold (00111160/35/01)
Res. Filterable 1.0u	386	mg/L	Gravimetric 1.0u Filter (007H1032/35/01)
Alkalinity Total 4.5	268	mg/L	Automated Electrometer (01021210/35/01)
Hardness Total	266	mg/L	Calculated Result (0107CALC/--/--)
Sulfate Dissolved	17.6	mg/L	Auto Methyl Thymol Blue (11211400/35/01)
Calcium	28.6	mg/L	HNO3 Dig: ICP Analysis (Ca-T0040/05/03)
Magnesium	47.3	mg/L	HNO3 Dig: ICP Analysis (Mg-T0040/05/03)
Nitrogen Organic-Tot	0.92	mg/L	Calculated Result (0112CALC/--/--)
Nitrogen Kjel.Tot(N)	0.95	mg/L	Block Dig.Auto.Color (01131360/35/01)
Nitrogen Total	0.95	mg/L	Calculated Result (0114CALC/--/--)
Nitrogen Amm.Diss(N)	0.028	mg/L	Automated Bertholot meth (11081351/35/01)
Nitrogen NO3+NO2 Dis	< 0.02	mg/L	Auto. Cadmium Reduction (11091350/35/01)
Phosphorus Ort.Dis-P	< 0.003	mg/L	Auto.Ascorbic Acid (11181380/35/01)

28-Oct-90

ZENON ENVIRONMENTAL INC.
B.C. LABORATORY SERVICES
Report for form 03013422

WATER - RESOURCE QUALITY ATTN: COOMBES D M V Sample 90011851

Site: E218135

From : 90/09/17:0000 To : 90/09/17:0000
Depth Range : 0.0 0.0 Tide :
Sample State: Fresh Water
Sample Comment:
CORBETT LK DEEP STN

Parameter Description	Result	Units	Analytical Technique (Sparcode/Medium/Pres'n)
Phosphorus Total	0.009	mg/L	Dig. Auto. Ascorbic Acid (P--T1390/35/01)
Phosphorus Tot. Diss	0.006	mg/L	Dig. Auto. Ascorbic Acid (P--D1390/35/01)
Sodium Dissolved	27.0	mg/L	Auto. Flame Emmission (Na-D1331/35/01)
Chloride Dissolved	32.3	mg/L	Auto. mercuric thiocyan. (11041330/35/01)

04-Oct-90

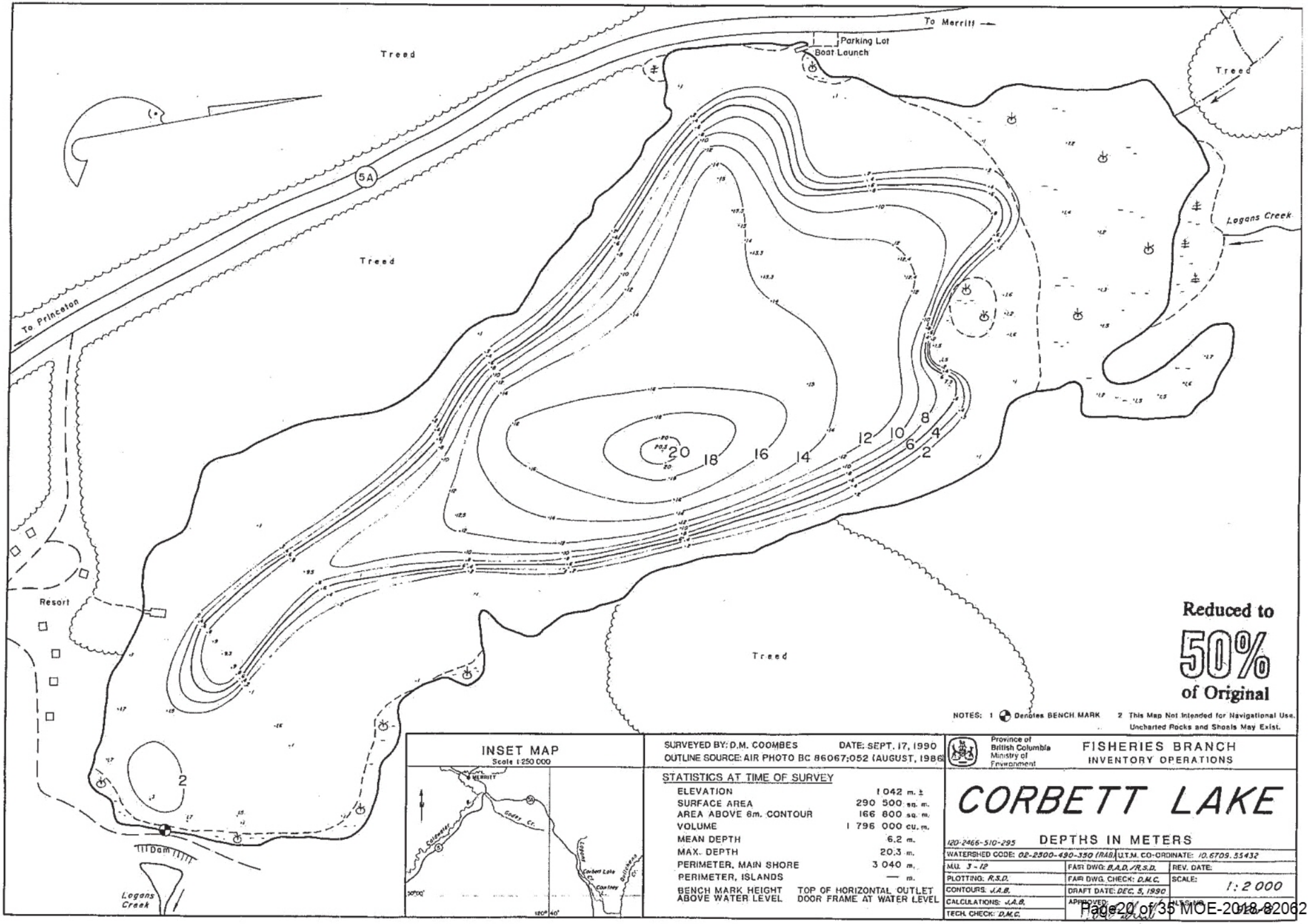
ZENON ENVIRONMENTAL INC.
B.C. LABORATORY SERVICES
Report for form 03013423

WATER - RESOURCE QUALITY ATTN: COOMBES D M V Sample 90011863

Site: E218135

From : 90/09/17: 0000 To : 90/09/17: 0000
Depth Range : 19.0 19.0 Tide :
Sample State: Fresh Water
Sample Comment:
CORBETT LK DEEP STN

Parameter Description	Result	Units	Analytical Technique (Sparcode/Medium/Pres'n)
pH	8.1	pH units	Automated pH Meter (00041220/02/01)
Specific Conductance	680	uS/cm	Cond. Meter Siebold (00111160/02/01)
Res. Filterable 1.0u	400	mg/L	Gravimetric 1.0u Filter (007H1032/02/01)



Reduced to 50% of Original

NOTES: 1 Denotes BENCH MARK 2 This Map Not Intended for Navigational Use. Uncharted Rocks and Shoals May Exist.

INSET MAP
Scale 1:250 000

SURVEYED BY: D.M. COOMBES DATE: SEPT. 17, 1990
OUTLINE SOURCE: AIR PHOTO BC 86067;052 (AUGUST, 1986)

STATISTICS AT TIME OF SURVEY

ELEVATION	1 042 m. ±
SURFACE AREA	290 500 sq. m.
AREA ABOVE 6m. CONTOUR	166 600 sq. m.
VOLUME	1 796 000 cu. m.
MEAN DEPTH	6.2 m.
MAX. DEPTH	20.3 m.
PERIMETER, MAIN SHORE	3 040 m.
PERIMETER, ISLANDS	— m.
BENCH MARK HEIGHT ABOVE WATER LEVEL	TOP OF HORIZONTAL OUTLET DOOR FRAME AT WATER LEVEL

Province of British Columbia
Ministry of Environment

FISHERIES BRANCH
INVENTORY OPERATIONS

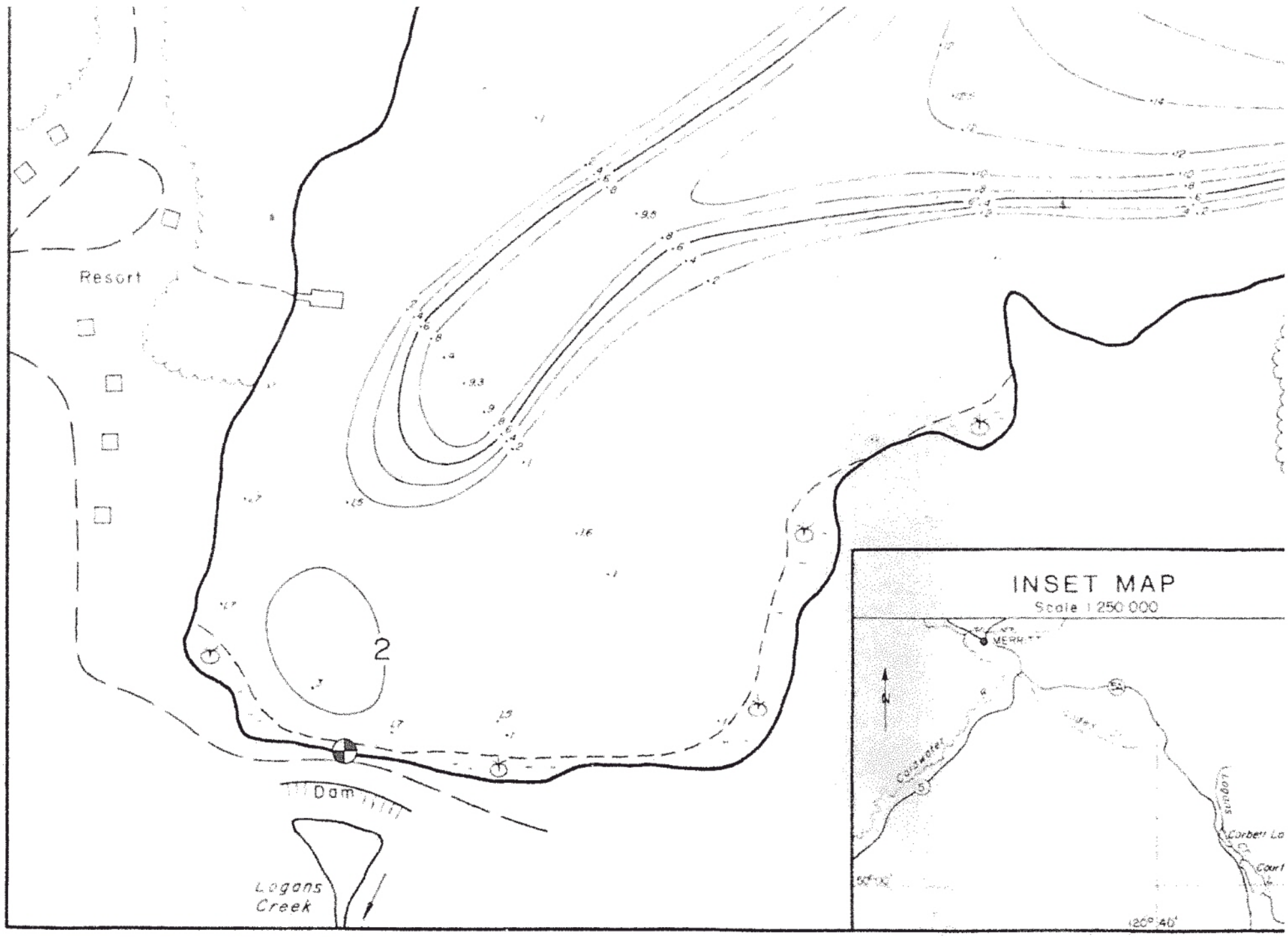
CORBETT LAKE

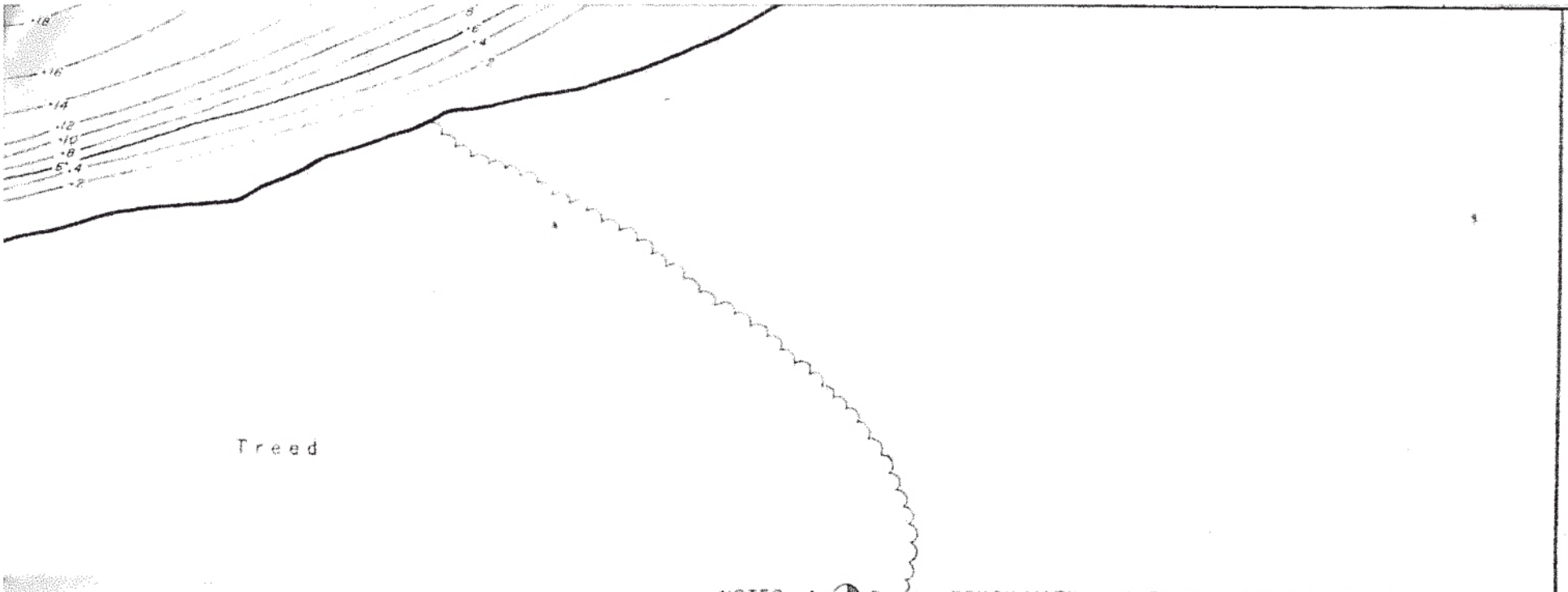
DEPTHS IN METERS

120-2466-510-295

WATERSHED CODE: 02-2500-490-350 (RAB) U.T.M. CO-ORDINATE: 10.6709.55432

M.U. 3 - 12	FAIR DWG: B.A.D. / R.S.D.	REV. DATE:
PLOTTING: R.S.D.	FAIR DWG. CHECK: D.M.C.	SCALE: 1:2 000
CONTOURS: J.A.B.	DRAFT DATE: DEC. 5, 1990	
CALCULATIONS: J.A.B.	APPROVED:	
TECH. CHECK: D.M.C.		


Resort
2
Dam
Logans Creek
INSET MAP
Scale 1:250 000
VERN
Corbett Lo
Court
120° 40'



NOTES: 1 ⊕ Denotes BENCH MARK 2 This Map Not Intended for Navigational Use Uncharted Rocks and Shoals May Exist.

SURVEYED BY: D.M. COOMBES DATE: SEPT. 17, 1990
OUTLINE SOURCE: AIR PHOTO BC 86067:052 (AUGUST, 1986)

Province of British Columbia Ministry of Environment

FISHERIES BRANCH
INVENTORY OPERATIONS

CORBETT LAKE

STATISTICS AT TIME OF SURVEY

ELEVATION	1 042 m. ±
SURFACE AREA	290 500 sq. m.
AREA ABOVE 6m CONTOUR	166 800 sq. m.
VOLUME	1 796 000 cu. m.
MEAN DEPTH	6.2 m.
MAX. DEPTH	20 3 m.
PERIMETER, MAIN SHORE	3 040 m.
PERIMETER, ISLANDS	— m.
BENCH MARK HEIGHT ABOVE WATER LEVEL	TOP OF HORIZONTAL OUTLET DOOR FRAME AT WATER LEVEL

120-2466-510-295

DEPTHS IN METERS

WATERSHED CODE: 02-2500-490-350 (RAB)	U.T.M. CO-ORDINATE: 10.6709.55432	
M.U. 3 - 12	FAIR DWG: B.A.D./R.S.D.	REV. DATE:
PLOTTING: R.S.D.	FAIR DWG. CHECK: D.M.C.	SCALE: 1:2 000
CONTOURS: J.A.B.	DRAFT DATE: DEC. 5, 1990	
CALCULATIONS: J.A.B.	APPROVED:	N.T.S. NO. 92I/2
TECH. CHECK: D.M.C.		

2
4
6
8
10
12
14
16
18
Logans Creek
Trend
To Merrill
Parking Lot
Boat Launch

To Princeton
54

FILE: RR 2921

THIS FILE WAS DECLARED:

RR 2921

CLOSED

AS OF: April 2, 1974

BY: A. Halmi as per letter of Mar 29, 1974

COMPUTER INDEX CODE IS: CR 2921

COMMENTS: site no longer in use

B/F Date Sept 2/73

c/d Oct 2/73

RECOMMENDATIONS RE ORDERS PURSUANT TO REGISTRATIONS

Registration No. 17-29-64 Regional District Thompson Nicola

Name (unchecked) Corbett Lake Country Inn D/M Area S.C.

Mailing Address (for pre-orders only) P.O. Box 327, Merritt B.C.

Division Mun. Section N & C.I.

Relevant insertions on letters should be:

The above referenced discharge of domestic refuse

from Corbett Lake Country Inn

located at/near 12 Mi. South of Merritt on No. 5 Hwy.

INSTRUCTION TO PREPARE PRE-ORDER

	Initial
Recommended after consultation with D/M	Proc. Eng. K. H.
Agreed by Section Head	Section Head KH for Dan
Agreed by Division Chief	Division Chief 27.7
Agreed by Chief District Division	Dist. Div. Chief
Date of Pre-Order	Aug 3/73

(Form to be returned to Section Head after action has been taken).

RECOMMENDATION TO DIRECTOR'S OFFICE TO ISSUE ORDER

	Initial
Recommended after consultation with D/M	Proc. Eng.
Agreed by Section Head	Section Head
Agreed by Division Chief	Division Chief
Agreed by Chief District Division	Dist. Div. Chief
Date of Order	

(Form to be returned to Processing Division after recommendation is actioned. File or correspondence is marked SUB-JUDICE).

NOTIFICATION TO DIRECTOR'S OFFICE RE COMPLIANCE

Site closed no longer in use. Acknowledged 29.3.74.

1. ~~Order met by virtue of receipt of application of~~ _____

PM advised

or 2. Order not met _____

Section Head _____

Division Chief 29.7.74

District Chief _____

Head, Central Registry _____

File

March 29, 1974

Corbett Lake Country Inn Ltd.,
Box 327,
Merritt, British Columbia.

Attention: Mr. Peter McVey

Gentlemen:

Thank you for your letter dated March 21, 1974 advising that your refuse site has been closed and no longer in use.

Our records have been amended and no further action is planned. You are advised, however, that should you decide to reopen the dump site a permit will be required and an application must be made at that time.

Yours very truly,

D.L. Marcoux, P. Eng.
Head, Northern & Central
Interior Section,
Municipal Division

DLM:jd

c.c. Regional Manager - Kamloops

CORBETT LAKE COUNTRY INN LTD.

Post Office Box 327 · Merritt, British Columbia · Telephone 378-4334

FILE # RR 2921

March 21st 74,

Dear Mr, nicky,

Since I have taken over the Inn, I have discontinued the policy of burning garbage,

Therefore no longer need a licence for this,

I now dispose of all our refuse at Aspen Grove garbage dump,

I hope this change meets with your approval,

Yours sincerely

Peter McVey,

Peter McVey

DISTRIBUTION	DATE	INITIALS
KH		

File: 0262100-RR-2921

Date: March 7, 1974

From: Municipal Division (KH)

MEMO TO FILE

KH telephoned on March 7, 1974 Mr. Peter McVey (478-4334) in Merrit, the co-owner of Corbett Lake Country Inn to determine the status of the registered refuse site. Mr. McVey stated that they had had problems with bears in the past and that the site was finally closed down and the refuse is now taken to the Aspen Grove refuse site (6 miles away). KH requested that Mr. McVey confirm this by letter so that this file may be closed. Mr. McVey said he would comply with this request.

K. Hicke

KH:lh

cc: Regional Manager - South Central

To be filled in by office of origin – *A remplir par le bureau d'origine*

Mailed at the Post Office of / *Déposé au bureau de poste de*	Victoria, B. C.
On / *le* August 3 19 73	under Registered no. / *sous le n° de recommandation* 6224
Name of Addressee / *Nom du destinataire*	Corbett Lake Country Inn
No. and St., P.O. Box or R.R. No., Apt. No. / *N° et rue ou case postale; n° de R.R. ou d'appartement*	P.O. Box 327
City – *Ville* Merritt	Province B.C. / Postal CODE *Postal*

To be completed at office of destination – *A compléter à destination*

(I) acknowledge that this registered article was delivered on / *Je déclare que l'envoi recommandé susmentionné a été dûment livré le*

Signature of addressee OR authorized representative / *Signature du destinataire OU de son répresentant* S. McCloy

Signature of Postmaster at office of delivery / *Signature de l'agent du bureau destinataire* N.D. DIXON

(1) This advice should be signed by the addressee or authorized representative or if the regulations of the country of destination so provide, by the Postmaster of the delivery office and returned by first mail to address shown on other side.

(1) *Cet avis doit être signé par le destinataire ou son représentant ou, si le règlement du pays de destination le comporte, par l'agent du bureau destinataire, et renvoyé par le premier courrier à l'adresse indiquée au recto.*

CANADA 15 cents

VICTORIA -3 VIII 73 B.C.

644285

6 VIII 1973
MERRITT B.C.

Timbre à date du bureau destinataire

DISTRIBUTION | INITIALS

I.P.

I.P.
File

RR-2921

JAN 9 1974

Issuee File No. RR-2921 60 Days Oct 2
Corbett Lake Country Inn

Issuer D.L. Marcoux Issuance Date August 3, 1973

B/F a) 30 Days Sept 2

Receipt of Reg. Card at Branch

b) To review status Sept 2 Section Head

Essence of Pre-Orders

For registration 17-29-64

DM/SC

File No. 17-29-64

THE GOVERNMENT OF THE PROVINCE OF BRITISH COLUMBIA

DEPARTMENT OF LANDS, FORESTS, AND WATER RESOURCES
WATER RESOURCES SERVICE—POLLUTION CONTROL BRANCH

Registration of a Discharge of Solid Waste under the Pollution Control Act, 1967

I/We, Corbett Lake Country Inn
(Full name—print or type)

of P.O.Box 327, Merritt, B.C.
(Legal address)

(Mailing address, if different to above)

hereby file with the Director of Pollution Control a registration of a discharge from Corbett Lake Country Inn
(Local name of industry, housing development, trailer park, etc.—specify)

located at No 5 Hwy,12 m.south of Merritt to Lot 2808,Kamloops Div.,Yale Distr.
(Name of place) (Legal description of land)

The point of discharge is located at Slope of abandoned logging road on our property, in the forest about 1 mile from the main Lodge
(Give distance and direction from some surveyed or known point.)

The land upon which the works are located is across Hwy No 5 and as described above Lot 2808,Kamloops Division, Yale District
(Give legal description, or in case of municipal refuse, name of municipality and area thereof. Use reverse side, if necessary.)

The type of solid waste being discharged is domestic (cans,ashes,bottles etc)
(Domestic, commercial, industrial by-products, etc.)

The quantity of solid waste being discharged is as follows:—

Solid waste
- Maximum rate 0,025 (Cubic yards per hour)
- Maximum 12-hour discharge 0,3 (Cubic yards) Average 24-hour discharge 0,6 cub.yard (Cubic yards)

The operating season during which the solid waste is discharged is May 1st - Oct.20th
(Continuous, or date to date)

The type of treatment applied to the solid waste before discharge is as follows All solid waste,except glass is burned in incinerators

The method of disposal of the solid waste is the organic waste is used for compost
(Sanitary landfill, open dump, etc.)

This registration, dated the 27th day of January, 19 72, is true to the best of my knowledge and belief.

(Signature) W Majchrzak (Mgr.-co-owner)

NOTE TO THE REGISTRANT.—Each discharge, i.e., more than one location, must be separately registered with the Director.

FOR OFFICE USE ONLY

Date received 6 Mar 72 File No. 17-29-64 RR 2921
District 2C
Regional District 29-Thompson-Nicola
Municipal ☑
Industrial ☒
Data processed
Priority
Application for permit sent (Date)
To be received - - - - (Date)

0262100-17 Gen (C)

386-2431 Local 35

February 4, 1972

Corbett Lake Country Inn
P.O. Box 327
Merritt, British Columbia

Gentlemen:

The enclosed registration is returned as the quantity of solid waste being discharged must be given in cubic yards. If exact amounts are not known, please give estimated amounts.

Yours very truly,

(Mrs.) G.M. MacNutt,
Clerk

PT:da

Encl.

0262100-BR-2921

DOUBLE REGISTERED

August 3, 1973

Corbett Lake Country Inn
P.O. Box 327
Merritt, British Columbia

Gentlemen:

Registered Discharges under the
Pollution Control Act, 1967,
Registration(s) No. 17-29-64

The above referenced discharge(s) of domestic refuse from Corbett Lake Country Inn located at/near Merritt, B. C. is/are currently under review.

The Director is empowered under Section 5 of the Pollution Control Act, 1967 to order that an application for a permit be submitted in regard to such registrations.

Accordingly, you may wish to make a commitment within the next 30 days that application(s) to cover registered discharge(s) will be made within the following 60 days.

At this time you may wish to give consideration to the adequacy of the discharge location, and if it is decided to cease discharging at this location you should make a commitment to this effect. This commitment should be in writing to the Director, Pollution Control Branch, with an indication as to the date by which the discharge would cease.

For your convenience, and if it is your intent to continue discharging, we are enclosing the necessary application forms and instructions.

Staff in our Victoria Main Office, or in our District Office at 1050 W. Columbia, Kamloops, B. C. telephone 374-4112 Local 219 will be pleased to assist where possible in the completion of the application forms.

Yours very truly,

Kelvin Hicks
for D.L. Marcoux, P. Eng.
Head
Northern & Central Interior Section
Municipal Division

Encl.

cc: District Manager, South Central
DLM/wf

File No. 17-29-64

THE GOVERNMENT OF THE PROVINCE OF BRITISH COLUMBIA

DEPARTMENT OF LANDS, FORESTS, AND WATER RESOURCES
WATER RESOURCES SERVICE—POLLUTION CONTROL BRANCH

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(Sanitary landfill, open dump, etc.)

This registration, dated the 27th day of January, 19 72, is true to the best of my knowledge and belief.

(Signature) [signature] (Mgr.-co-owner)

NOTE TO THE REGISTRANT.—Each discharge, i.e., more than one location, must be separately registered with the Director.

FOR OFFICE USE ONLY

Date received 6 Mar 72 File No. 17-29-64
District SC
Regional District 29-Thompson-Nicola
Municipal ☐
Industrial ☒
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Priority
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To be received - - - - (Date)