

Nelson

May 9, 1975

0320938

ATTENTION: MANAGEMENT

The attached has been noted on our Atlas as a Watershed in favour of Water Investigation Branch.

This area should be noted on your working plan and Atlas Reference Maps.

C. Shergold  
Timber Division

CS:mm

c. c. Planning file - Lardeau P. S. Y. U.  
c. c. Water Investigations Branch - Nelson Water District 6  
c. c. file







**CLEARANCE**  
(STATUS INQUIRY)

Date October 26, 1973

File 0320938

Sale No., Etc. \_\_\_\_\_

Map Ref. \_\_\_\_\_

Forest District Nelson Ranger District \_\_\_\_\_ Land District Kootenay

Applicant's Water Investigations Branch Address \_\_\_\_\_

Lands to be cleared shown in bold black or red line on the map  
marked "Exhibit A," dated \_\_\_\_\_  
and attached hereto.

_____ P.S.Y.U.
Abeyance until review _____
Approved _____
Disallowed _____

Purpose: Alienation (Watershed)

Amended ☐ Restricted ☐ \_\_\_\_\_, District Forester

ATLAS AND LEGAL SURVEYS REPORT:

*Noted on Maps  
30-10-73  
3*

STATUS REPORT:

Entered in Register \_\_\_\_\_  
(Initials) (Date)

WATER RIGHTS REPORT:

MINES DEPT. REPORT:

MANAGEMENT REPORT:

*Entered as cleared  
24/4/74 SW*

CLEARED BY \_\_\_\_\_

(Signature)

Page 3

FNR-2013-00305

October 9, 1973

Our files: 0320932, 0320938, 0320939  
Your file: 0309757

Water Investigations Branch  
Office of Chief Engineer  
PARLIAMENT BUILDINGS

Attention: Mr. B. E. Marr, Chairman Task Force on Multiple  
Use of Watersheds of Community Water Supplies

Dear Sir:

Thank you for your letter of October 4, 1973 regarding  
our inquiry as to the purpose of the watershed reserves to be  
plotted on our maps that lie within forest reserves.

We are now having these areas plotted on our maps and  
records in order that any further timber sales will contain  
the necessary protection. However, we would advise you that  
at the present time all timber sale contracts contain Clause  
P-1, to which you can refer.

Yours truly,

"C" "S"

C. Shergold  
for Administrative Officer  
Management Division

CS/pet

Attach.

C.C. DISTRICT FORESTER - Nelson



ADDRESS ALL COMMUNICATIONS TO:  
CHIEF ENGINEER



PLEASE REFER TO FILE No. 0309757  
YOUR REF.: 0320932  
0320938  
0320939

DEPARTMENT OF LANDS, FORESTS, AND WATER RESOURCES  
WATER RESOURCES SERVICE  
WATER INVESTIGATIONS BRANCH  
OFFICE OF CHIEF ENGINEER  
PARLIAMENT BUILDINGS, VICTORIA, B.C.

October 4, 1973

Mr. C. Shergold  
Forest Service  
Management Division  
Parliament Buildings  
Victoria, British Columbia

DEPT. OF LANDS FORESTS  
AND WATER RESOURCES  
FOREST SERVICE

OCT 5 1973

Dear Sir:

Re: Watershed Protection Clauses for Community  
Watersheds Located in Forest Reserves

MAIL ROOM  
VICTORIA, B.C.

The watershed protection clauses quoted in your letter dated September 24, 1973 deal with watershed sanitation requirements such as location of camp buildings, etc., and waste disposal.

There would, however, appear to be other matters of concern related to logging practices which should be considered in order to protect water quality in a community watershed. Mr. R.W. Robbins of your Division, a member of the Task Force, outlined in a letter dated June 15, 1972 (copy attached) the Forest Service Acts, Policies and Regulations. Under item P-1, five clauses are listed which are designed to provide protection of streams, stream-beds and lakes. These clauses should be included in a Timber Sale contract in a community watershed as a safeguard against water quality degradation.

In addition to the above clauses, I refer you to a letter dated September 29, 1972 (Forest Service File 04155) from Mr. I.T. Cameron to "All Licensees of Timber Sales, Tree Farm Licences and Timber Sale Harvesting Licenses in the Coast Region of British Columbia". Some of the planning guidelines for logging which accompany this letter could serve to guide your office in the formation of specific protective clauses designed to minimize potential deleterious effects on the water quality in community watersheds located in Forest Reserve areas.

...2

(  
It would be appreciated if such action could be taken on an interim basis as further recommendations for logging in community watersheds may result from the deliberations of the Task Force.

Yours very truly



Mr. B.E. Marr, Chairman  
Task Force on Multiple  
Use of Watersheds of  
Community Water Supplies

Attach.

c.c. R.W. Robbins, R.F.F.



June 15, 1972

Task Force on Multiple Use of Watersheds  
of Community Water Supplies.

Memorandum to:

B.E. Marr

A.R.C. James

✓ J.D. Watts

A.H. Ralfs

J.S. Allin

I. Withler

W. Bailey

A.R. Clarke

Herewith Forest Service data for the next  
meeting of the Task Force.



R.W. Robbins, R.P.F.,  
i/c Planning,  
Management Division.

RWR:rp



June 15, 1972

Task Force on Multiple Use  
of Watersheds of Community Water Supplies

Agenda Item #2 (May 15 Minute #5)

FOREST SERVICE ACTS REGULATIONS & POLICIES

Forest Act

- The Forest Service has jurisdiction over and shall control and administer all matters relating to or in anywise connected with forestry and shall control, regulate, receive and administer
  - (a) all interests in Crown timber
  - (b) all revenues from Crown timber
  - (c) sale and disposition of Crown timber (Section 5)
- The Minister shall cause an examination of Crown lands to be made by the Forest Service for the purpose of establishing a permanent Forest Reserve. When such has been Proclaimed by the Lieutenant-Governor in Council, all Crown land therein is withdrawn from sale, settlement and occupancy under provisions of the Land Act, or Taxation Act, and in respect of the Mineral Act, Placer-mining Act, Coal Act, and Petroleum and Natural Gas Act shall be subject to such conditions as the Lieutenant-Governor in Council imposes. After such Proclamation no Crown land within the Forest Reserve shall be sold, leased or otherwise disposed of and no person shall use or occupy any part of the land except under the provisions of this Act or of the regulations. Forest reserves shall be under the control and management of the Minister for the maintenance of timber, and for the protection of the water supply. (Section 33)

Regulations

- The Minister may determine and define the uses and (or) occupation and any activities within a Forest Reserve for which a permit will be required. (Section 4.02 B.C. Regs. 7/59, 208/71)

Policy

- The Forest Service supports the concept of multiple-use of Forest Reserves.
- The Forest Service is presently engaged in drawing up a Working Plan for each Public Sustained Yield Unit and solicits input in each plan from all Resource Agencies. Such input is anticipated to be of an inventory nature identifying specific values. The Working Plan will sum up all values in the Forest and lay down guidelines for the orderly use of all values.



## FOREST MANAGEMENT

### PROTECTION OF OTHER USES AND RESERVATIONS

#### Protection of Streams, Stream-beds and Lakes

P-1 "Unless otherwise authorized by the Forest Officer, the Licensee shall:

- (a) not allow any trees, logs, logging debris, or any substance likely to cause pollution to be deposited at any time within any lake or stream.
- (b) not allow any logs to be skidded, equipment to be operated, gravel to be displaced or any damage to be done within the highwater level of any stream channel.
- (c) provide all stream crossings with a bridge or culvert, the design of which will accommodate maximum stream flow and permit unobstructed fish passage and schedule the construction of all stream crossings as directed by the Forest Officer.
- (d) not place any obstruction or fill within the highwater level of any stream channel.
- (e) remove any logging, milling or road building debris deposited in any stream channel or lake as directed by the Forest Officer."

P-2  
(not used)

P-3  
(not used)

#### Watershed Sanitation

P-4 "This licence lies within the ..... Watershed Reserve, and the Licensee shall observe all laws and regulations which may be made by the Lieutenant-Governor in Council respecting sanitation and the protection of the purity of waters which are applicable to the lands covered by this licence and also comply with any requirements which may be made by the Minister of Health Services and Hospital Insurance."



PROVINCE OF  
BRITISH COLUMBIA

FOREST SERVICE

DEPARTMENT OF  
LANDS, FORESTS, AND  
WATER RESOURCES

DEPT. OF LANDS, FORESTS,  
AND WATER RESOURCES  
FOREST SERVICE

Date Sept 27, 1973

From Nelson Office. Our File No. MWATERSHED SUP

To Victoria MAIL ROOM  
VICTORIA, B. C. Your File No. 0324087/0320840  
0320842/0320839/0324086

Attention Management; Administrative Officer

Referring to we feel that policy is clear on watershed  
protection and that our clauses for watershed protection  
are sufficient for the purpose as per Mr. Shergold's  
letter of Sept 24 on 0320932; there is no reason to refer  
these queries to our office except so that we can note them in our  
atlas upon finalization of the reserve, or in the case that water  
investigations do not feel that the normal protection clauses are sufficient.

(Signature) A. Stewart

F.S. 297—(50)—0



Water Investigations Branch

Dept. Lands, Forests & Water Resc.

Forest Service, Management Division

PARLIAMENT BUILDINGS

September 24

73

0320932

0320938, 0320939,

ATTENTION: Mr. B. E. Marr - Chairman of Task Force on Multiple  
Use of Watersheds

This office has received several requests for map reserves forwarded to us from the Department of Lands for watershed purposes.

Prior to establishing these map notations within forest reserves could you elucidate just what rights are required to be reserved?

As you are probably aware, this department has watershed protection clauses as follows:-

"This licence lies within the..... Watershed Reserve, and the Licensee shall observe all laws and regulations which may be made by the Lieutenant-Governor in Council respecting sanitation and the protection of the purity of waters which are applicable to the lands covered by this licence and also comply with any requirements which may be made by the Minister of Health Services and Hospital Insurance."

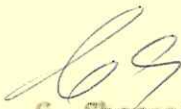
"The Licensee shall at all times comply with the following special conditions:-

- (a) Locate all camp buildings, outhouses, cesspools, stables, and other structures at a distance not less than three hundred (300) feet from any water-course or stream, lake, or other source of water supply.
- (b) Immediately remove and bury or burn any camp refuse or debris of any description, or any substance which would be likely to cause pollution of any waters."

These clauses can be inserted in any timber sale within these areas if this is required. If something more is required please advise.

C.C. D.F. Nelson

CS/pet

  
C. Shergold  
for Administrative Officer  
Management Division



DEPT. OF LANDS FORESTS  
AND WATER RESOURCES  
FOREST SERVICE

Date Sept 17, 1973

From Nelson Office. Our File No. M Watershed Sup

To Victoria MAIL ROOM 0320938  
VICTORIA, B. C. Your File No. 0320939 0320932

Attention Management, R. A. McLaren

Referring to yours of Sept 11; our concern is stated  
in Mr. Bancroft's memo of Aug 17, which holds  
true throughout our District.

Could you please explain what rights the  
waterusers are given, with which reservations?  
Also, at what stage are these reserves finalized so  
that we may update our maps?

(Signature)

D. A. Stewart



Nelson

September 11, 1973

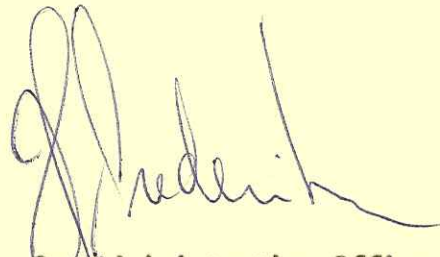
0320938

ATTENTION: Management

Attached please find correspondence and sketches from Water Investigations Branch requesting watershed reserves over certain areas lying within a forest.

Duhamel Creek - within Lardeau Forest

May we please have your comments in this regard.

A handwritten signature in blue ink, appearing to read "J. H. Hedin", is written over the typed name.

for Administrative Officer  
Management Division

HAF/pet

Attach.

P.C.'d 6 weeks



Forester-in-charge  
Forest Management Division  
B. C. Forest Service  
Buildings

C. W. House

September 6,

73

0320932

0320938

0320939

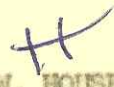
Please be advised that we are forwarding you our files in connection with requests for watershed reserves by the Water Investigations Branch, as the areas lie within Provincial forests which are under your administration.

File 0320939 - Gwilliam Creek (5a); Springer Creek (5b), Kootenay District.

File 0320932 - Bartlett Creek No. 4, Kootenay District.

File 0320938 - Duhamel Creek, Kootenay District.

GMH:pb

  
C. W. HOUSE  
for Director of Lands

cc: B. E. Marr, Chairman, Task Force on Multiple Use of Watersheds of  
Community Water Supplies, Department of Lands, Forests, and Water Resources,  
Water Resources Service, Water Investigations Branch, Office of Chief  
Engineer, Buildings  
(File: 0305037 and 0309757)



APPLICATION — MAP RESERVE

Dept. File 0320938

G.A. File

Date JUL 30 1973

Agency

Applicant LANDS BRANCH

O.K. Co.'s Office

Address

Purpose ALIENATION (WATERSHED)

Description (as applied for) DUHAMEL CR. W.V.D.

Return

Index Card

App. Book

DUHAMEL CR., KOOTENAY DIST.

SEE L I JUNE 26, 1973.

Previous applications

Is application in order?

☐ Unsurveyed first and last appearance in Gazette and Appn. No.

VAULT REGISTERS

☐ Surveyed.

☐ Reverted: Tax sale Asst. Dist.

Description of reversion

Conflicts noted in Register

Davenport maps General Lake File

Cleared by Date

WATER several licences on Duhamel creek

Received

Cleared by Date AUG 14 1973

FOREST Grazing

INSPECTION DIVISION

Examination required: Yes ☐ No ☐ Date

Requested by

For previous examination see Report dated on File

Special instructions or comments for Land Inspector



	Date	Initials
Amended		
Amended		
Amended		

Date	<u>August 10, 1973</u>
Name	<u>[Signature]</u>

# LEGAL SURVEY CLEARANCE

Description ALL THAT PARCEL OR TRACT OF LAND, SITUATED IN  
KOOTENAY DISTRICT, MORE PARTICULARLY SHOWN  
OUTLINED IN RED ON THE PRINT ATTACHED TO L.T.  
DATED JUNE 26, 1973.

Nat. Topo. Ref.: 82F/14

Area \_\_\_\_\_ acres

Ref. Map <u>82F/14W</u>	Official Plan	L.R.O. Plan	M.R.M.
Location <u>N.W. of West arm of Kootenay Lake</u>		Comp. Map	
Land Recording District <u>NEELSON</u>	Description and sketch in order	-	Yes <input type="checkbox"/> No <input type="checkbox"/>
Land Assessment District <u>NEELSON-SHEWAN</u>	Conforms to system of survey	- -	Yes <input type="checkbox"/> No <input type="checkbox"/>
Land Registration District <u>NEELSON</u>	Subject to survey	- - - -	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Regional District <u>CENTRAL KOOTENAY</u>	Date gazetted or confirmed		
Municipality	Former C.G.		
Forest { Prov. <u>LARDEAU</u>	FRONTS ON:		
P.H.			
Reserve			
Crossed by } Railway			
Adjoins }			
Crossed by } Pipe-line			
Adjoins }			
Crossed by } Pole-line			
Adjoins }			
Crossed by } Highway			
Adjoins }			
Highway } Forest Rd.			
Width }			
Gazetted	Surveyed		
Highway—controlled access			
Access—dedicated			
Access—travelled			

OTHER CONFLICTS AND REMARKS:

E. & N. Land Grant
--------------------

ENTERED ON MAP

OTHERWISE CLEAR.

Accounts \_\_\_\_\_

$A^r$ 

Letter dated \_\_\_\_\_ From \_\_\_\_\_  
 Letter dated \_\_\_\_\_ From \_\_\_\_\_  
 Letter dated \_\_\_\_\_ From \_\_\_\_\_  
 \$ \_\_\_\_\_ on file. Checked in Mines Department \_\_\_\_\_

[illegible]

Regional District \_\_\_\_\_  
L.R.O. clearance \_\_\_\_\_ Date \_\_\_\_\_ Stated by \_\_\_\_\_

*(Blank page)*

C.C.—L.C. \_\_\_\_\_ File No. \_\_\_\_\_  
 L.I. \_\_\_\_\_ Reg. \_\_\_\_\_  
 P.A. \_\_\_\_\_  
 \_\_\_\_\_  
 Passed by \_\_\_\_\_ Date \_\_\_\_\_ Approved by \_\_\_\_\_ Date \_\_\_\_\_

Lands Vault \_\_\_\_\_ Legal Surveys \_\_\_\_\_

Survey instructions requested by \_\_\_\_\_

DO NOT FILE AWAY—Please pass file to Legal Surveys when adjudicated.

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ADDRESS ALL COMMUNICATIONS TO:  
CHIEF ENGINEER



THE GOVERNMENT OF  
THE PROVINCE OF BRITISH COLUMBIA

0305037

PLEASE REFER TO FILE NO. 0309757

YOUR REF.: 0319695

DEPARTMENT OF LANDS, FORESTS, AND WATER RESOURCES  
WATER RESOURCES SERVICE

WATER INVESTIGATIONS BRANCH

OFFICE OF CHIEF ENGINEER  
PARLIAMENT BUILDINGS, VICTORIA, B.C.

June 26, 1973

DEPT. OF LANDS FORESTS  
AND WATER RESOURCES  
LANDS SERVICE

JUN 29 1973

MAIL ROOM  
VICTORIA, B. C.

Director of Lands  
Lands Service  
Parliament Buildings  
Victoria, British Columbia

Attention: Mr. C. W. House

Dear Sir:

Re: Watershed Reserves

On behalf of the Task Force on Multiple Use of Watersheds of Community Water Supplies, I am requesting that map reserves be placed on the community watersheds located in the Revelstoke, Kaslo and Nelson Water Districts. Attached is a map, scale 1 inch = 10 miles, showing the locations of the watershed areas in these three Water Districts. In addition, maps at 1:50,000 or 1:250,000 scale are attached showing the boundaries of the requested map reserves that are listed below:

Water District	Watershed Number*	Source	User	Reserve Area Requested**
Revelstoke	1a	Clachnacudainn Creek		15.3 —
"	1b	Greely Creek		20.3 — 0291521
"	1c	Hamilton Creek	City of Revelstoke	5.6 —
"	1d	Bridge Creek		1.7 —
"	1e	Napoleon Creek		1.2 —
"	2	Dolan Creek	Big Eddy W.W.D.***	1.7 —
Kaslo	1	Batys Creek	Trout Lake I.D.***	1.5 —
"	2a	Kaslo River	Kaslo I.D.	164.0 — 0270130
"	2b	McDonald Creek	Kaslo I.D.	0.8 —
Nelson	1a	Kuskanax Creek	Nakusp I.D.	135.5 —
"	1b	Wensley Creek	Nakusp I.D.	1.1 —
"	1c	Brouse Creek	Nakusp I.D.	1.6 —

. . . . . 2

Water District	Watershed Number*	Source	User	Reserve Area Requested**
Nelson	21	Casino Creek	Casino W.W.D.***	0.7
"	22	Bath Creek	Beaver Falls W.W.D.	1.1
"	23	Kelly Creek	Fruitvale	9.3
"	24a	Duck Creek	Wynndel I.D.***	20.1
"	24b	Wynndel Creek	Wynndel I.D.	1.3
"	25a	Arrow Creek	East Creston I.D. and Creston	30.7
"	25b	Glaser Creek	Creston	0.6
"	26	Sullivan Creek	Erickson I.D.	2.5
"	27	Camp Run Creek	Canyon I.D.	2.2
"	28	Lister Creek	Lister I.D.	1.0

\* See attached maps.

\*\* In square miles.

\*\*\* W.W.D. - waterworks district; I.D. - improvement district.

It should be noted that the following users have had reserves placed on their watershed areas that may cover the reserve areas requested herein:

Genelle I.D.	0274522
East Creston I.D.	045432
City of Nelson	0134406
Blueberry Creek I.D.	0306115

Your kind cooperation in this matter is requested.

Yours very truly



B. E. Marr  
Chairman, Task Force on  
Multiple Use of Watersheds  
of Community Water Supplies

Attachs.

cc Mr. J. E. McMynn  
Deputy Minister of Mines



File: 0320938

Attention: PR 3

Date: 30/7/73

Please prepare a clearance sheet, particulars of which are as follows:

Reserve

MAP



Order-in-Council

DEPARTMENT OR BRANCH

PURPOSE

Lands Branch

Alienation



U.R.E.P.



U.R.E.P. and Grazing



*Watershed  
Duhamel Creek W.W.D.*

Parks Branch ☐

U.R.E.P. ☐

Marine Parks ☐

Game Branch ☐

Game Reserve ☐

Department of Highways ☐

Gravel Pit



H/way R/W



Reloc. of H/Wy



Bridge Site



Ferry Site



Forest Engineering ☐

Lookout Site



Access Road



Administration Site



Patrol Cabin Site



Grazing Division ☐

Stock Watering



Stock Breeding Pastures



DESCRIPTION:

See LI

*June 26/73*

Stamp Plan.

*Duhamel Creek  
Kootenay District*

L.B. I73

*LARGE*

Water District	Watershed Number*	Source	User	Reserve Area Requested**
Nelson	2	Whatshan River	Needles W.W.D.***	233.9
"	3a	Rashdell Creek		0.05 0193763
"	3b	Aylard Creek	New Denver	0.06 "
"	3c	Simpson Creek	(Village)	0.18 "
"	3d	Mountain Chief Creek		0.32
"	4	Bartlett Creek	Silverton (Village)	2.2
"	5a	Gwillam Creek	Slocan (Village)	30.8 6342
"	5b	Springer Creek	Slocan (Village)	19.2
"	6	Duhamel Creek	Duhamel Creek W.W.D.	22.0
"	7	Blunt Creek	Ridgewood I.D.***	0.3
"	8	Four Mile Creek	Nasookin I.D.	1.3
"	9a	Isac Creek	North Shore Water	0.6
"	9b	Sutherland Creek	Utility Nelson Ltd.	
"	10a	Anderson Creek		5.2 0134406
"	10b	Five Mile Creek		18.4 "
"	10c	Cottonwood Creek	City of Nelson	14.9
"	10d	Whitewater Creek		9.1
"	10e	Clearwater Creek		19.2
"	11	Quartz Creek	Ymir Water Utility	2.6
"	12a	Smoky Creek	South Slocan I.D.	1.9
"	12b	Watts Creek	South Slocan I.D.	0.3
"	13a	Langill Creek	Krestova I.D.	1.3
"	13b	McDermid Creek	Krestova I.D.	0.9
"	14	Norns Creek	Raspberry I.D.	62.9
"			Robson I.D.	
"	15	Merry Creek	Kinnard	2.1
"	16	Blueberry Creek	Blueberry Creek I.D.	56.6
"	17	China Creek	Genelle I.D.	10.2
"	18	McNally Creek	Oasis I.D.	2.3
"	19	Hanna Creek (lower)	Riverdale Water Utility	8.8
"	19a	Hanna Creek (upper)		4.0
"	19b	Elgood Creek		0.7
"	19c	Murphy Creek		1.7
"	19d	Topping Creek	City of Rossland	2.7
"	19e	West Little Sheep Creek		1.5
"	19f	Little Sheep Creek and West Fork		1.0
"	19g	Josie Gulch Creek		0.02
"	20a	McQuarrie Creek		0.5
"	20b	Randall Creek		0.4
"	20c	George Creek	City of Trail	1.6
"	20d	Cambridge Creek		5.2
"	20e	Tiger Creek		3.4

. . . . . 3



