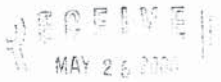




Province of British Columbia  
Ministry of Environment, Lands and Parks  
Water Management

WATER LICENCE  
APPLICATION  
Water Act, Section 8

PLEASE REFER TO GUIDELINES WHEN COMPLETING THIS APPLICATION

<b>1. NAME &amp; MAILING ADDRESS</b>		<b>FOR OFFICE USE ONLY</b>	
GIVEN NAME(S) 368787-2 CANADA, INC.			
MAILING ADDRESS Suite 1400 - 750 West Pender St.			
POSTAL CODE Vancouver B.C. V6C 2T8			
BUSINESS MESSAGE PHONE # (604) 685-0543			
HOME PHONE #		FAX # 685-0147	
Do you hold another water licence? Yes No <input checked="" type="checkbox"/>		LICENCE FILE NUMBERS (IF KNOWN): 2002401	
		CLIENT NUMBER (IF KNOWN): s.21	
2. PLACE OF USE - Legal description of property where water is to be used.		AMOUNT RECEIVED - \$ 5000.00	
		RECEIPT # WRMS 220238	
		FILE # 2002401	
		APPLICATION # 2115416	

SNOWCAP CREEK, Elevation approx 300M to Snowcap Creek Bridge, West Lillooet Mainline, approx elevation 120M

TENURE TO LAND	Registered Owner	CERTIFICATE OF TITLE / PARCEL IDENTIFICATION NUMBER (P.I.D.)
	LESSEE / OTHER: No tenure	Copy of Legal Plan attached

3. PURPOSE(S) & QUANTITY - Please refer to Schedule 1 - Water Purpose & Application Fees

Power Purpose, General Use, under 20 MW

4. SOURCE OF WATER

DISCHARGES INTO  
SNOWCAP CREEK, flowing north into Lillooet River from Glacier Lake.

5. WORKS - Existing or proposed to divert and convey water to place of use.

PROPOSED POINT OF DIVERSION LOCATION  
Elevation approx 300M

a) DIVERSION WORKS	Pump Gravity Feed <input checked="" type="checkbox"/>	LENGTH OF PIPE 2500 m	DIAMETER OF PIPE 185 cm
OTHER WORKS Diversion Weir/Spillway and Intake Structure			
PROPOSED RESERVOIR LOCATION Headpond only at Intake			
b) STORAGE WORKS	VOLUME OF WATER STORED 25,000 m <sup>3</sup>	DAM HEIGHT 4.5 m	AREA OF RESERVOIR 1.0 ha
c) ADDITIONAL INFORMATION			
Joint work with others? Yes No <input checked="" type="checkbox"/>			
If YES, WITH WHOM?			
Works constructed? Yes No <input checked="" type="checkbox"/> Partially			

6. LANDS AFFECTED - The works will physically affect (by crossing or flooding) the following lands:

LAND DESCRIPTION	NAME OF OWNER (INCLUDING CROWN)
Intake Location 1.0 Ha	Crown
Right of way for tunnel/pipe 1.5 Ha	Crown
Powerhouse Location 0.6 Ha	Crown
APPLICANT / AGENT'S SIGNATURE J.M. Mini	DATE May 24 '00



Province of British Columbia  
Ministry of Environment, Lands and Parks  
Water Management

SCHEDULE 2  
DAM & RESERVOIR  
INFORMATION

REQUIRED IN SUPPORT OF A WATER LICENCE APPLICATION FOR STORAGE PURPOSE

WATER LICENCE APPLICATION INFORMATION

NAME OF APPLICANT	368787-2 CANADA, INC			FILE#
MAILING ADDRESS	Suite 1400-- 750 West Pender St			
	Vancouver BC	POSTAL CODE	V6C 2T8	PHONE# 685-0543 FAX# 685-0147
SOURCE(S) OF WATER (NAME OF STREAM WHERE WORKS ARE TO BE CONSTRUCTED)	SNOWCAP CREEK, LILLOOET VALLEY			
PROJECT CONSULTANT	As Above			
MAILING ADDRESS	BC Environment may recommend that the dam be designed by, and constructed under the supervision of, a Professional Engineer registered in the Province of BC.			

PROPOSED WORKS - Please complete 1 or 2 where applicable to your project.

IS THE DUGOUT CONSTRUCTED IN THE STREAM CHANNEL OR OFF STREAM?

1. DUGOUT / POND	STORAGE CAPACITY dam <sup>3</sup> or m <sup>3</sup>	LENGTH m	WIDTH m	MAXIMUM DEPTH m
2. DAM / RESERVOIR	NOTE: PLEASE ATTACH A DETAILED PLAN FOR (a) THROUGH (d) BELOW SHOWING CROSS SECTIONS AND PLAN VIEWS OF THE PROPOSED DAM / RESERVOIR STRUCTURE.			
a) STORAGE DAM	HEIGHT 4.5 m	LENGTH 50 m	CREST WIDTH 3.0 m	
	TYPE OF CONSTRUCTION MATERIALS CONCRETE, GATED WEIR FOR DIVERSION			
b) RESERVOIR	STORAGE CAPACITY 27000 dam <sup>3</sup> or m <sup>3</sup>	FLOODED AREA 1.0 ha		
	Land tenure where works are to be constructed and / or flooded, owned by: Applicant <input type="checkbox"/> Private <input type="checkbox"/> Crown <input checked="" type="checkbox"/>			
c) SPILLWAY	DESCRIPTION / TYPE GATED / OVERFLOW			
	DESIGN FLOW To be determined m <sup>3</sup> /s	FREEBOARD 1.5 m		
d) LOW LEVEL OUTLET (SLUICeway)	DESCRIPTION / TYPE GATE			
	NUMBER OF SEEPAGE COLLARS N/A	CONTROL WORKS USED GATES		

STREAM HYDROLOGY FLOW INFORMATION

- (i) If the stream is perennial or flows intermittently, please provide a low flow assessment (for filling and maintaining reservoirs) and a high flow assessment (for determining dam design flood) and/or a complete hydrological assessment in support of your application.
- (ii) If the stream flow is ephemeral in nature (i.e., flows only during wet periods or during spring runoff), please provide an estimate of the drainage area above the dam or dugout location, an adequate summary of any measured stream flow information available and/or an estimate of high flows in support of your application.

Note: If you have any questions concerning the hydrology of your stream (source), please contact your local Water Management Office for more detailed information.

FISH POND PERMIT

If you intend to place or maintain fish in your dugout or reservoir, you must obtain a Private Fish Pond permit or Commercial Fish Farm Licence. Please contact the nearest office of BC Environment's Fish and Wildlife Branch or the Ministry of Agriculture, Fisheries and Food for more information.

NOTE: IF SPACE IS INSUFFICIENT, PLEASE ATTACH THE REQUESTED INFORMATION IN A COVERING LETTER OR REPORT



REGISTRATION IN SUPPORT OF A WATER LICENCE APPLICATION FOR POWER PURPOSE

WATER LICENCE APPLICATION INFORMATION

NAME OF APPLICANT 368787-2 CANADA INC	PURPOSE Residential <input type="checkbox"/> Commercial <input type="checkbox"/> General <input checked="" type="checkbox"/>	FILE#
MAILING ADDRESS Suite 1400 - 750 West Pender St Vancouver B.C.		
POSTAL CODE V6C 2T8	PHONE# 685.0543	FAX# 685.0147
SOURCE(S) OF WATER (NAME OF STREAM WHERE WORKS ARE TO BE CONSTRUCTED) SNOWCAP CREEK, LILLOOET VALLEY, B.C.		
PROJECT CONSULTANT (IF ANY) Knight Piesold Ltd.		
MAILING ADDRESS As above		
POSTAL CODE	PHONE#	FAX#

GENERAL PROJECT INFORMATION - Please complete entire section.

ANTICIPATED POWER PRODUCTION	MAXIMUM 19,800 kw	MINIMUM 4000 kw	AVERAGE 9000 kw
MAXIMUM STREAM FLOW REQUIRED	FLOW RATE 14.0 m <sup>3</sup> /s		
POWER PRODUCED FOR	Indicate how the power will be used. Check all that apply.		
	<input type="checkbox"/> a) Personal Use <input type="checkbox"/> b) Sale to Others <input checked="" type="checkbox"/> c) Sale to B.C. Hydro & Power Authority <input checked="" type="checkbox"/> d) Sale to Other Power Authority		

PROPOSED WORKS - Please complete where applicable for your project.

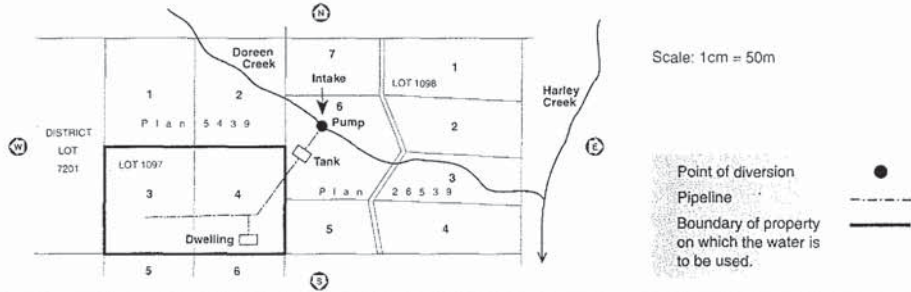
a) STORAGE DAM	HEIGHT 4.5 m	LENGTH 50 m	TYPE OF CONSTRUCTION MATERIALS CONCRETE WITH GATES	
b) RESERVOIR	STORAGE CAPACITY 27000 dam <sup>3</sup> or m <sup>3</sup>	FLOODED AREA 1.0 ha	If a dam is incorporated please complete Schedule 2 - Dam & Reservoir Information.	
c) INTAKE	DESCRIPTION Diversion Weir/Spillway and intake Structure			
	FISH SCREENS If required			
	OTHER FEATURES Control house : equipment Building			
	FLUME, PIPE, TUNNEL, ETC. - DESCRIPTION Tunnel, 2000 M, Pipe - 500 M			
d) PENSTOCK	LENGTH 500 m	WIDTH / DIAMETER 1.9 m	DEPTH (IF FLUME) cm	PRESSURE RATING (IF PIPE) 3200 kPa
	ELEVATIONS - UPPER END 300 m	ELEVATIONS - LOWER END 120 m	Elevations may be expressed as heights above the level of the turbine.	
e) TURBINE	TYPE (2) Francis, Vertical Shaft		RATING 10,000 kW	
f) GENERATION	TYPE (2) Synchronous		RATING 10.5 MVA	
g) TAILRACE	FEATURES channel			
	DISCHARGES TO Snowcap Creek			
h) OTHER EQUIPMENT	STORAGE BATTERIES, ETC. - DESCRIPTION All equipment required for operations			

NOTE: IF SPACE IS INSUFFICIENT, PLEASE ATTACH THE REQUESTED INFORMATION IN A COVERING LETTER OR REPORT

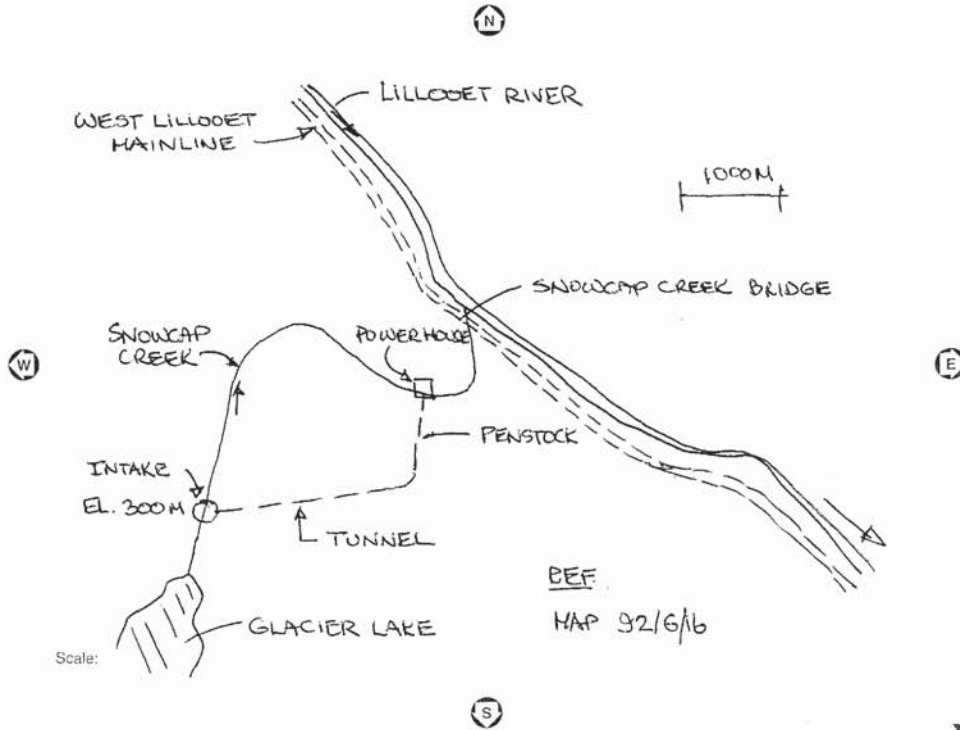


WATER LICENCE APPLICATION DRAWING

SAMPLE DRAWING - Typical drawing for domestic and irrigation licence.



APPLICANT'S DRAWING - Prepare a drawing to submit with your application. Refer to *Application Guidelines* for a list of required elements.











Province of British Columbia  
Ministry of Environment, Lands and Parks  
Water Management

WATER LICENCE  
APPLICATION  
Water Act, Section 8

PLEASE REFER TO GUIDELINES WHEN COMPLETING THIS APPLICATION

1. NAME & MAILING ADDRESS		FOR OFFICE USE ONLY	
SURNAME GIVEN NAME(S) 368787-2 CANADA, INC.		<div>RECEIVED</div> <div>MAY 24 2000</div> <div>DOWN HILL</div>	
MAILING ADDRESS Suite 1400 - 750 West Pender St.			
POSTAL CODE V6C 2T8			
BUSINESS MESSAGE PHONE HOME PHONE (604) 685-0543			
LICENCE FILE NUMBERS (IF KNOWN) Do you hold another water licence? Yes No <input checked="" type="checkbox"/>		FAX # 685-0147	
CLIENT NUMBER (IF KNOWN) s.21		AMOUNT RECEIVED \$ 5000.00	
		RECEIPT # 220241	
		FILE # 2002404	
		APPLICATION # 2115419	

2. PLACE OF USE - Legal description of property where water is to be used.

GOWAN CREEK AND LIVINGSTON CREEK, Elevation approx. 390 M to Elevation 150 M

TENURE TO LAND	Registered Owner	CERTIFICATE OF TITLE / PARCEL IDENTIFICATION NUMBER (PID #)
LESSEE OTHER	No tenure	Copy of Legal Plan attached

3. PURPOSE(S) & QUANTITY - Please refer to Schedule 1 - Water Purpose & Application Fees

Power Purpose, General Use, under 20 MW

4. SOURCE OF WATER

DISCHARGES INTO

GOWAN AND LIVINGSTON CREEKS, flowing south into Lillooet River

5. WORKS - Existing or proposed to divert and convey water to place of use.

PROPOSED POINT OF DIVERSION LOCATION

Elevation approx. 390 M

a) DIVERSION WORKS	Pump Gravity Feed <input checked="" type="checkbox"/>	LENGTH OF PIPE	DIAMETER OF PIPE
OTHER WORKS		3000 m	150 cm

PROPOSED RESERVOIR LOCATION

Headpond at Intake

b) STORAGE WORKS	VOLUME OF WATER STORED	DAM HEIGHT	AREA OF RESERVOIR
	25000 m <sup>3</sup>	4.5 m	1.0 ha

c) ADDITIONAL INFORMATION

Joint work with others? Yes No ☒

IF YES, WITH WHOM?

Works constructed? Yes No ☒ Partially

6. LANDS AFFECTED - The works will physically affect (by crossing or flooding) the following lands:

LAND DESCRIPTION	NAME OF OWNER (INCLUDING CROWN)
Intake Location(s) 1.0 ha	Crown/private
Right of Way, Pipeline 1.8 ha	Crown
Powerhouse 0.6 ha	Crown

APPLICANT / AGENT'S SIGNATURE

JMA cmi

DATE

May 24 '00

KEEP YELLOW COPY OF THE APPLICATION AND DRAWING FOR YOUR RECORDS

REQUIRED IN SUPPORT OF A WATER LICENCE APPLICATION FOR STORAGE PURPOSE

WATER LICENCE APPLICATION INFORMATION

NAME OF APPLICANT 368787-2 CANADA, INC.		FILE#	
MAILING ADDRESS Suite 1400 - 750 West Pender St Vancouver BC			
POSTAL CODE V6C 2T8	PHONE# 605-0543	FAX# 605-0147	
SOURCE(S) OF WATER (NAME OF STREAM WHERE WORKS ARE TO BE CONSTRUCTED) GOWAN AND LIVINGSTON CREEKS, LILLOOET VALLEY			
PROJECT CONSULTANT Knight Resold Ltd.	BC Environment may recommend that the dam be designed by, and constructed under the supervision of, a Professional Engineer registered in the Province of BC.		
MAILING ADDRESS As above			
POSTAL CODE	PHONE#	FAX#	

PROPOSED WORKS - Please complete 1 or 2 where applicable to your project.

IS THE DUGOUT CONSTRUCTED IN THE STREAM CHANNEL OR OFF STREAM?

1. DUGOUT / POND	STORAGE CAPACITY dam <sup>3</sup> or m <sup>3</sup>	LENGTH m	WIDTH m	MAXIMUM DEPTH m
2. DAM / RESERVOIR	NOTE: PLEASE ATTACH A DETAILED PLAN FOR (a) THROUGH (d) BELOW SHOWING CROSS SECTIONS AND PLAN VIEWS OF THE PROPOSED DAM / RESERVOIR STRUCTURE.			
a) STORAGE DAM	HEIGHT 4.5 m	LENGTH 40 m	CREST WIDTH 3.0 m	
	TYPE OF CONSTRUCTION MATERIALS CONCRETE, GATED			
b) RESERVOIR	STORAGE CAPACITY 25000 dam <sup>3</sup> or m <sup>3</sup>	FLOODED AREA 1.0 ha		
	Land tenure where works are to be constructed and / or flooded, owned by: Applicant <input type="checkbox"/> Private <input checked="" type="checkbox"/> Crown <input checked="" type="checkbox"/>			
c) SPILLWAY	DESCRIPTION / TYPE GATED/OVERFLOW			
	DESIGN FLOW To be determined m <sup>3</sup> /s	FREEBOARD 1.5 m		
d) LOW LEVEL OUTLET (SLUICeway)	DESCRIPTION / TYPE GATE			
	NUMBER OF SEEPAGE COLLARS N/A	CONTROL WORKS USED GATES		

STREAM HYDROLOGY FLOW INFORMATION

- (i) If the stream is perennial or flows intermittently, please provide a low flow assessment (for filling and maintaining reservoirs) and a high flow assessment (for determining dam design flood) and/or a complete hydrological assessment in support of your application.
- (ii) If the stream flow is ephemeral in nature (i.e., flows only during wet periods or during spring runoff), please provide an estimate of the drainage area above the dam or dugout location, an adequate summary of any measured stream flow information available and/or an estimate of high flows in support of your application.

Note: If you have any questions concerning the hydrology of your stream (source), please contact your local Water Management Office for more detailed information.

FISH POND PERMIT

If you intend to place or maintain fish in your dugout or reservoir, you must obtain a Private Fish Pond permit or Commercial Fish Farm Licence. Please contact the nearest office of BC Environment's Fish and Wildlife Branch or the Ministry of Agriculture, Fisheries and Food for more information.

NOTE: IF SPACE IS INSUFFICIENT, PLEASE ATTACH THE REQUESTED INFORMATION IN A COVERING LETTER OR REPORT



SCHEDULE 3  
POWER INFORMATION

RE: RED IN SUPPORT OF A WATER LICENCE APPLICATION FOR POWER PURPOSE

WATER LICENCE APPLICATION INFORMATION

NAME OF APPLICANT 368787-2 CANADA INC	PURPOSE Residential <input type="checkbox"/> Commercial <input type="checkbox"/> General <input checked="" type="checkbox"/>	FILE#
MAILING ADDRESS Suite 1400 - 750 West Pender St.		
Vancouver BC	POSTAL CODE V6C 2T8	PHONE# 685.0543
FAX# 685.0147		
SOURCE(S) OF WATER (NAME OF STREAM WHERE WORKS ARE TO BE CONSTRUCTED) GOWAN/LIVINGSTON CREEKS, LILLOOET VALLEY		
PROJECT CONSULTANT (IF ANY) Knight Piesold Ltd.		
MAILING ADDRESS As above		
POSTAL CODE	PHONE#	FAX#

GENERAL PROJECT INFORMATION - Please complete entire section.

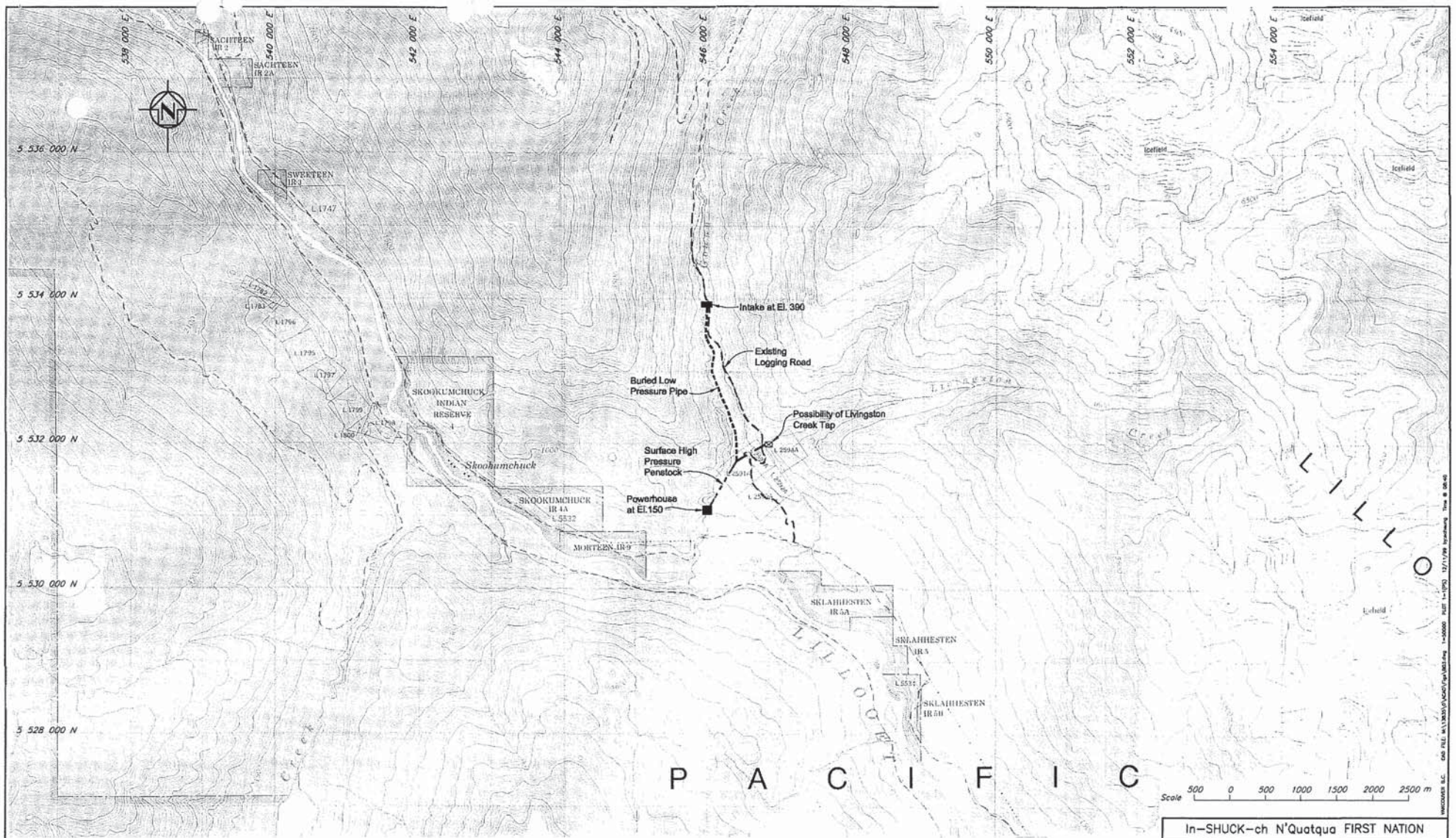
ANTICIPATED POWER PRODUCTION	MAXIMUM 18,200 kw	MINIMUM 3600 kw	AVERAGE 10,000 kw
MAXIMUM STREAM FLOW REQUIRED	FLOW RATE 9.0 m <sup>3</sup> /s		
POWER PRODUCED FOR	Indicate how the power will be used. Check all that apply.		
	a) Personal Use <input type="checkbox"/> c) Sale to B.C. Hydro & Power Authority <input checked="" type="checkbox"/> b) Sale to Others <input type="checkbox"/> d) Sale to Other Power Authority <input checked="" type="checkbox"/>		

PROPOSED WORKS - Please complete where applicable for your project.

a) STORAGE DAM	HEIGHT 4.5 m	LENGTH 40 m	TYPE OF CONSTRUCTION MATERIALS CONCRETE / GATES
b) RESERVOIR	STORAGE CAPACITY 25000 dam <sup>3</sup> or m <sup>3</sup>	FLOODED AREA 1.0 ha	<input checked="" type="checkbox"/> If a dam is incorporated please complete Schedule 2 - Dam & Reservoir Information. DESCRIPTION Diversion Weir and Intake structure FISH SCREENS If required OTHER FEATURES Control and equipment building FLUME, PIPE, TUNNEL, ETC. - DESCRIPTION Pipe
c) INTAKE			
d) PENSTOCK	LENGTH 3000 m	WIDTH / DIAMETER 1.5 m	DEPTH (IF FLUME) cm PRESSURE RATING (IF PIPE) 4300 kPa ELEVATIONS - UPPER END 390 m ELEVATIONS - LOWER END 150 m <input checked="" type="checkbox"/> Elevations may be expressed as heights above the level of the turbine.
e) TURBINE	TYPE (2) Francis, Vertical Shaft	RATING 9100 kW	
f) GENERATION	TYPE (2) Synchronous	RATING 9.500 MVA	
g) TAILRACE	FEATURES Channel		
DISCHARGES TO	Gowan Creek		
h) OTHER EQUIPMENT	STORAGE BATTERIES, ETC. - DESCRIPTION All equipment required for operation		

NOTE: IF SPACE IS INSUFFICIENT, PLEASE ATTACH THE REQUESTED INFORMATION IN A COVERING LETTER OR REPORT





**NOTE**  
1. Topo map is scanned from the map no. 92 G/18 as published in 1980.

Scale 500 0 500 1000 1500 2000 2500 m

In-SHUCK-ch N'Quatqua FIRST NATION  
LILLOOET VALLEY HYDROELECTRIC SITES  
GOWAN CREEK  
HYDROELECTRIC SCHEME

REV	DATE	DESCRIPTION	DESIGNED	DRAWN	CHK'D	APP'D	PROJECT NO. 13835/0	REV. NO. 1	REV. A
A	12/04/99	ISSUED FOR REPORT NO. 13835/0-1	SPM	SC					
REVISIONS									

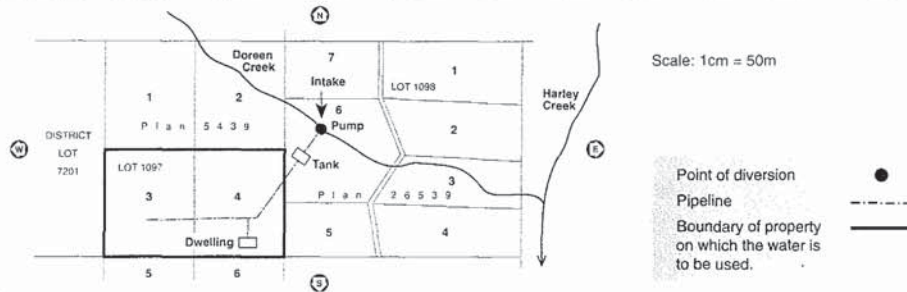
**Knight Piésold**  
CONSULTING  
Page 9  
FNR-2010-066 5.2a



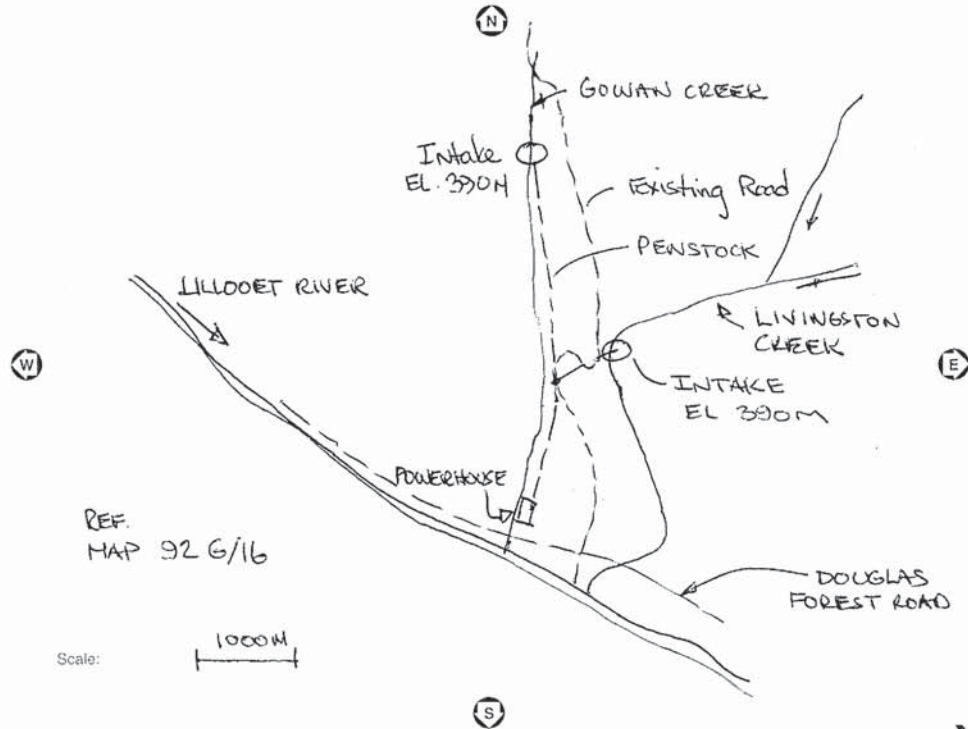


WATER LICENCE APPLICATION DRAWING

SAMPLE DRAWING - Typical drawing for domestic and irrigation licence.



APPLICANT'S DRAWING - Prepare a drawing to submit with your application. Refer to Application Guidelines for a list of required elements.







Province of British Columbia  
Ministry of Environment, Lands and Parks  
Water Management

WATER LICENCE  
APPLICATION  
Water Act, Section 8

PLEASE REFER TO GUIDELINES WHEN COMPLETING THIS APPLICATION

1. NAME & MAILING ADDRESS		FOR OFFICE USE ONLY	
SURNAME GIVEN NAME(S) 368787-2 CANADA, INC		<div>RECEIVED MAY 24 2000 LOWER MAINLAND</div>	
MAILING ADDRESS Suite 1400 - 750 West Pender St.			
Vancouver, British Columbia V6C 2T8			
BUSINESS MESSAGE PHONE # (604) 685-0543	HOME PHONE #	POSTAL CODE V6C 2T8	FAX # (604) 685-0149
Do you hold another water licence? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		LICENCE FILE NUMBERS (IF KNOWN)	CLIENT NUMBER (IF KNOWN) s.21
2. PLACE OF USE - Legal description of property where water is to be used.		AMOUNT RECEIVED \$10,000.00	RECEIPT # 200242
ROGERS CREEK, Elevation approx. 510m to Rogers Creek Bridge on Douglas Forest Rd., approx. elevation 150m.		FILE # 2002405	APPLICATION # 2115420

3. PURPOSE(S) & QUANTITY - Please refer to Schedule 1 - Water Purpose & Application Fees	
Power Purpose, General Use, 30 MW	

4. SOURCE OF WATER	
DISCHARGES INTO ROGERS CREEK south to LILLOOET RIVER	

5. WORKS - Existing or proposed to divert and convey water to place of use.	
PROPOSED POINT OF DIVERSION LOCATION Elevation approx. 510m	
a) DIVERSION WORKS	Pump Gravity Feed <input checked="" type="checkbox"/> LENGTH OF PIPE 5750 m DIAMETER OF PIPE 1500 mm
OTHER WORKS Diversion Weir/Spillway and Intake structure	
PROPOSED RESERVOIR LOCATION HEADPOND ONLY - CAPACITY APPROX. 27,000 m <sup>3</sup>	
b) STORAGE WORKS	VOLUME OF WATER STORED 27,000 m <sup>3</sup> DAM HEIGHT 4.5 m AREA OF RESERVOIR 1.0 ha
Joint work with others? Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> FIVES WITH WHOM? TO BE DETERMINED	
c) ADDITIONAL INFORMATION	Works constructed? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Partially

6. LANDS AFFECTED - The works will physically affect (by crossing or flooding) the following lands:	
LAND DESCRIPTION	NAME OF OWNER (INCLUDING CROWN)
INTAKE LOCATION, 1.0 Ha	CROWN
RIGHT-OF-WAY FOR PIPELINE	3.5 Ha - Crown
POWERHOUSE LOCATION	0.6 Ha - Crown

7. APPLICANT & AGENT'S SIGNATURE	
APPLICANT / AGENT'S SIGNATURE J. M. Am	DATE May 24 '00

KEEP YELLOW COPY OF THE APPLICATION AND DRAWING FOR YOUR RECORDS

FORM 102 (01/99)



Province of British Columbia  
Ministry of Environment, Lands and Parks  
Water Management

SCHEDULE 2  
DAM & RESERVOIR  
INFORMATION

REQUIRED IN SUPPORT OF A WATER LICENCE APPLICATION FOR STORAGE PURPOSE

WATER LICENCE APPLICATION INFORMATION

NAME OF APPLICANT	368787-2 CANADA, INC.	FILE#	
MAILING ADDRESS	Suite 1400 - 750 West Pender St.		
	Vancouver B.C.	POSTAL CODE	V6C 2T8
		PHONE#	604-685-0543
		FAX#	685-0147
SOURCE(S) OF WATER (NAME OF STREAM WHERE WORKS ARE TO BE CONSTRUCTED)	ROGERS CREEK, LILLOOET VALLEY B.C.		
PROJECT CONSULTANT	SAME AS ABOVE		
MAILING ADDRESS	BC Environment may recommend that the dam be designed by, and constructed under the supervision of, a Professional Engineer registered in the Province of BC.		

PROPOSED WORKS - Please complete 1 or 2 where applicable to your project.

IS THE DUGOUT CONSTRUCTED IN THE STREAM CHANNEL OR OFF STREAM?

1. DUGOUT / POND	STORAGE CAPACITY	dam <sup>3</sup> or m <sup>3</sup>	LENGTH	m	WIDTH	m	MAXIMUM DEPTH	m
2. DAM / RESERVOIR	NOTE: PLEASE ATTACH A DETAILED PLAN FOR (a) THROUGH (d) BELOW SHOWING CROSS SECTIONS AND PLAN VIEWS OF THE PROPOSED DAM / RESERVOIR STRUCTURE.							
a) STORAGE DAM	HEIGHT	4.5	m	LENGTH	40	m	CREST WIDTH	3.0
	TYPE OF CONSTRUCTION MATERIALS							
	CONCRETE, GATED WEIR FOR DIVERSION							
b) RESERVOIR	STORAGE CAPACITY	27000	dam <sup>3</sup> or m <sup>3</sup>	FLOODED AREA	1.0	ha		
	Land tenure where works are to be constructed and / or flooded, owned by: Applicant <input type="checkbox"/> Private <input type="checkbox"/> Crown <input checked="" type="checkbox"/>							
c) SPILLWAY	DESCRIPTION / TYPE							
	GATES / OVERFLOW							
	DESIGN FLOW	TO BE DETERMINED			m <sup>3</sup> /s	FREEBOARD	1.5	m
d) LOW LEVEL OUTLET (SLUICeway)	DESCRIPTION / TYPE							
	GATE							
	NUMBER OF SEEPAGE COLLARS	NA			CONTROL WORKS USED	GATES		

STREAM HYDROLOGY FLOW INFORMATION

- (i) If the stream is perennial or flows intermittently, please provide a low flow assessment (for filling and maintaining reservoirs) and a high flow assessment (for determining dam design flood) and/or a complete hydrological assessment in support of your application.
- (ii) If the stream flow is ephemeral in nature (i.e., flows only during wet periods or during spring runoff), please provide an estimate of the drainage area above the dam or dugout location, an adequate summary of any measured stream flow information available and/or an estimate of high flows in support of your application.

Note: If you have any questions concerning the hydrology of your stream (source), please contact your local Water Management Office for more detailed information.

FISH POND PERMIT

If you intend to place or maintain fish in your dugout or reservoir, you must obtain a Private Fish Pond permit or Commercial Fish Farm Licence. Please contact the nearest office of BC Environment's Fish and Wildlife Branch or the Ministry of Agriculture, Fisheries and Food for more information.

NOTE: IF SPACE IS INSUFFICIENT, PLEASE ATTACH THE REQUESTED INFORMATION IN A COVERING LETTER OR REPORT





REQUIRED IN SUPPORT OF A WATER LICENCE APPLICATION FOR POWER PURPOSE

WATER LICENCE APPLICATION INFORMATION

NAME OF APPLICANT 368787-2 CANADA INC.	PURPOSE Residential <input type="checkbox"/> Commercial <input type="checkbox"/> General <input checked="" type="checkbox"/>	FILE#
MAILING ADDRESS Suite 1400 - 750 West Pender St. Vancouver B.C.		
SOURCE(S) OF WATER (NAME OF STREAM WHERE WORKS ARE TO BE CONSTRUCTED) ROGERS CREEK, LILLOOET VALLEY, BC.	POSTAL CODE V6C 2T8	PHONE# 605-0543
PROJECT CONSULTANT (IF ANY) Knight Presold Ltd.	FAX# 605-0147	
MAILING ADDRESS Same as above		

GENERAL PROJECT INFORMATION - Please complete entire section.

ANTICIPATED POWER PRODUCTION	MAXIMUM 30,000 kw	MINIMUM 6,000 kw	AVERAGE 17,500 kw
MAXIMUM STREAM FLOW REQUIRED	FLOW RATE 10.0 m <sup>3</sup> /s		
POWER PRODUCED FOR	Indicate how the power will be used. Check all that apply. a) Personal Use <input type="checkbox"/> c) Sale to B.C. Hydro & Power Authority <input checked="" type="checkbox"/> b) Sale to Others <input type="checkbox"/> d) Sale to Other Power Authority <input checked="" type="checkbox"/>		

PROPOSED WORKS - Please complete where applicable for your project.

a) STORAGE DAM	HEIGHT 4.5 m	LENGTH 40 m	TYPE OF CONSTRUCTION MATERIALS STEEL GATES/ CONCRETE	
b) RESERVOIR	STORAGE CAPACITY 27,000 dam <sup>3</sup> or m <sup>3</sup>	FLOODED AREA 1.0 ha	If a dam is incorporated please complete Schedule 2 - Dam & Reservoir Information.	
DESCRIPTION Diversion weir and intake structure				
c) INTAKE	FISH SCREENS If Required			
OTHER FEATURES Control and Equipment Building, Access				
FLUME, PIPE, TUNNEL, ETC. - DESCRIPTION Low pressure/high pressure buried/surface pip				
d) PENSTOCK	LENGTH 5750 m	WIDTH / DIAMETER 1.5 m	DEPTH (IF FLUME) cm	PRESSURE RATING (IF PIPE) 6500 kPa
ELEVATIONS - UPPER END 510 m		ELEVATIONS - LOWER END 150 m		
Elevations may be expressed as heights above the level of the turbine.				
e) TURBINE	TYPE Francis (vertical)	RATING 16,000 kW		
f) GENERATION	TYPE Synchronous	RATING 16,000 MVA		
FEATURES CHANNEL(S)				
g) TAILRACE	DISCHARGES TO ROGERS CREEK			
h) OTHER EQUIPMENT	STORAGE BATTERIES, ETC. - DESCRIPTION All equipment required for operations			

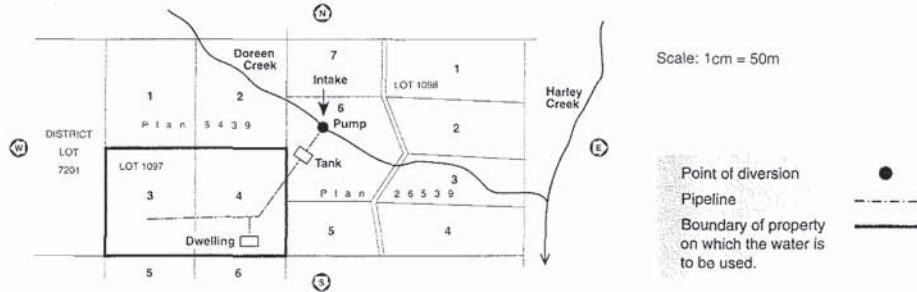
NOTE: IF SPACE IS INSUFFICIENT, PLEASE ATTACH THE REQUESTED INFORMATION IN A COVERING LETTER OR REPORT



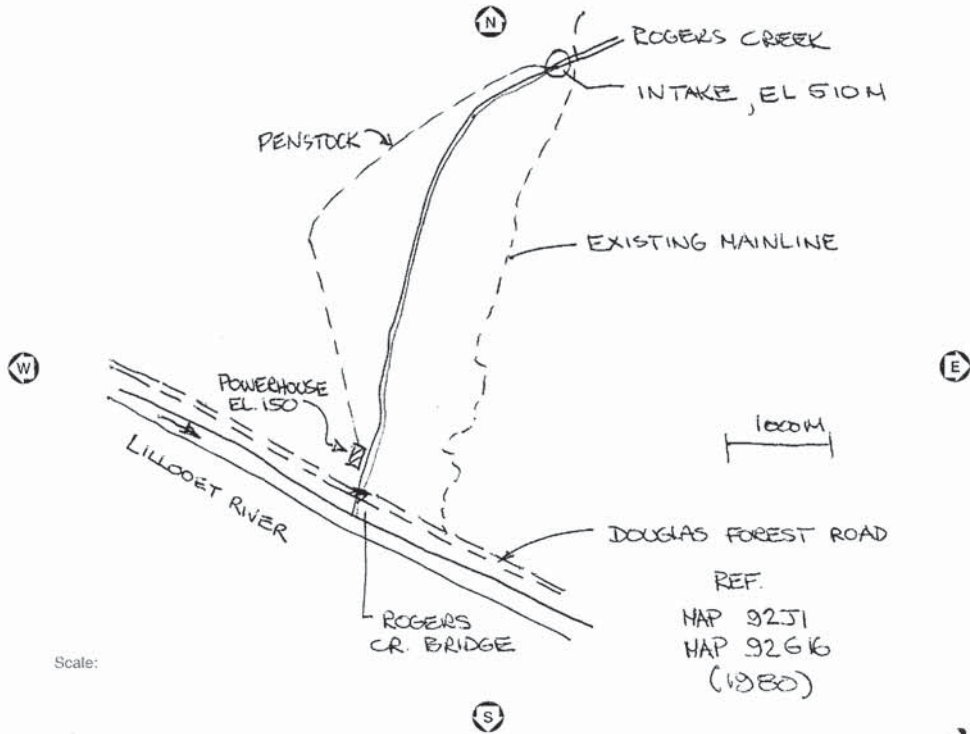


WATER LICENCE APPLICATION DRAWING

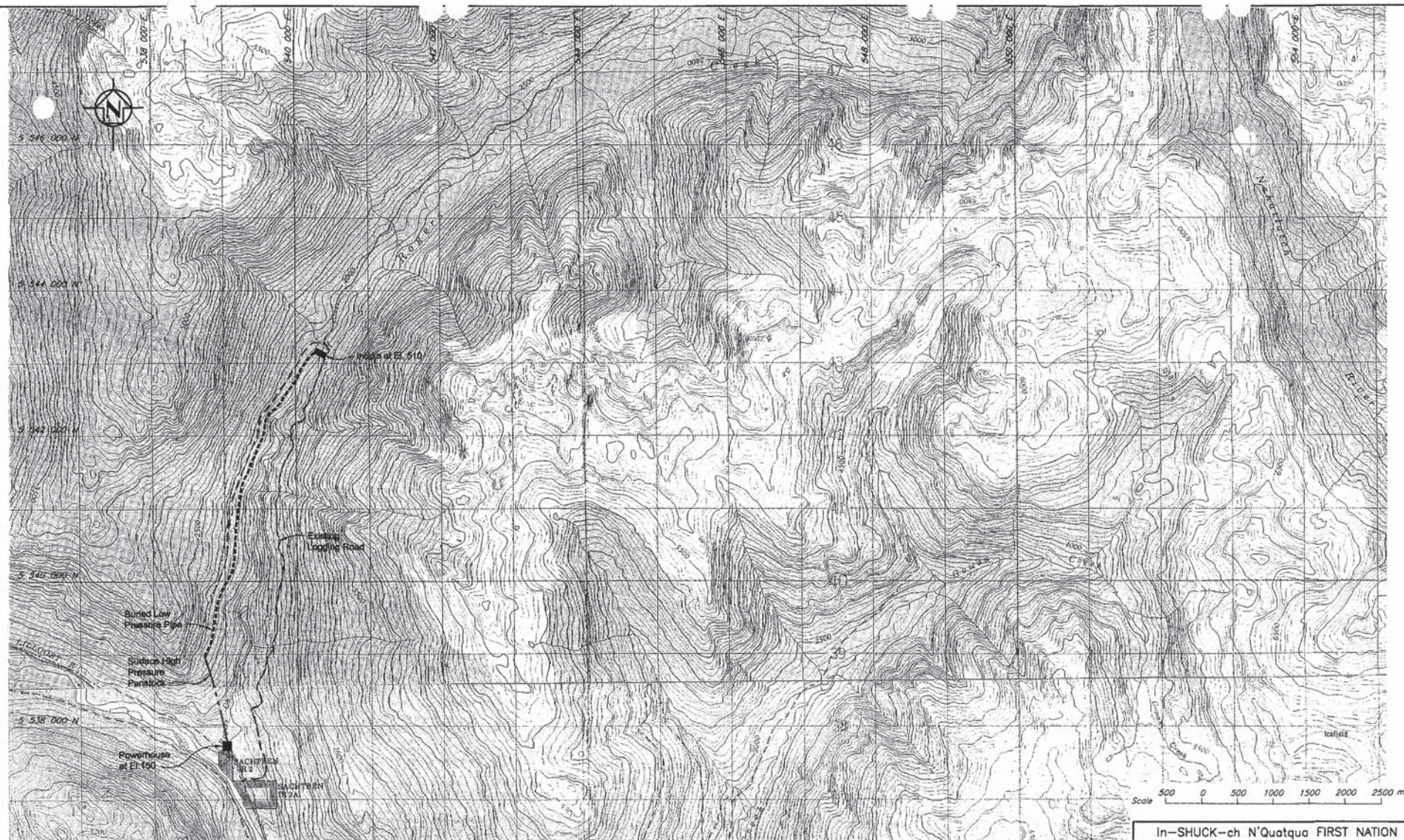
SAMPLE DRAWING - Typical drawing for domestic and irrigation licence.



APPLICANT'S DRAWING - Prepare a drawing to submit with your application. Refer to Application Guidelines for a list of required elements.







**NOTE**

1. Topo map is scanned from the map nos. 92 J/1 and 92 G/16 as published in 1980.

REV.	DATE	DESCRIPTION	DESIGNED	DRAWN	CHECKED	APPROVED
A	12/NOV/88	ISSUED FOR REPORT NO. 13835/0-1				

REVISIONS

In-SHUCK-ch N'Quatqua FIRST NATION

LILLOOET VALLEY HYDROELECTRIC SITES

ROGERS CREEK  
HYDROELECTRIC SCHEME

**Knight Piésold** CONSULTING  
PROJECT NO. 13835/0  
REV. NO. 1  
FIGURE 5.1

Page 46

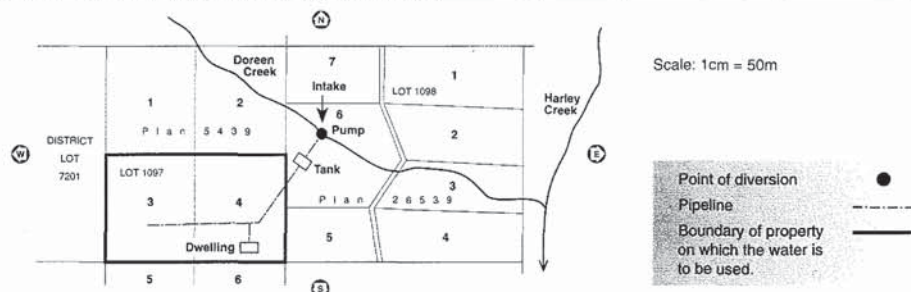
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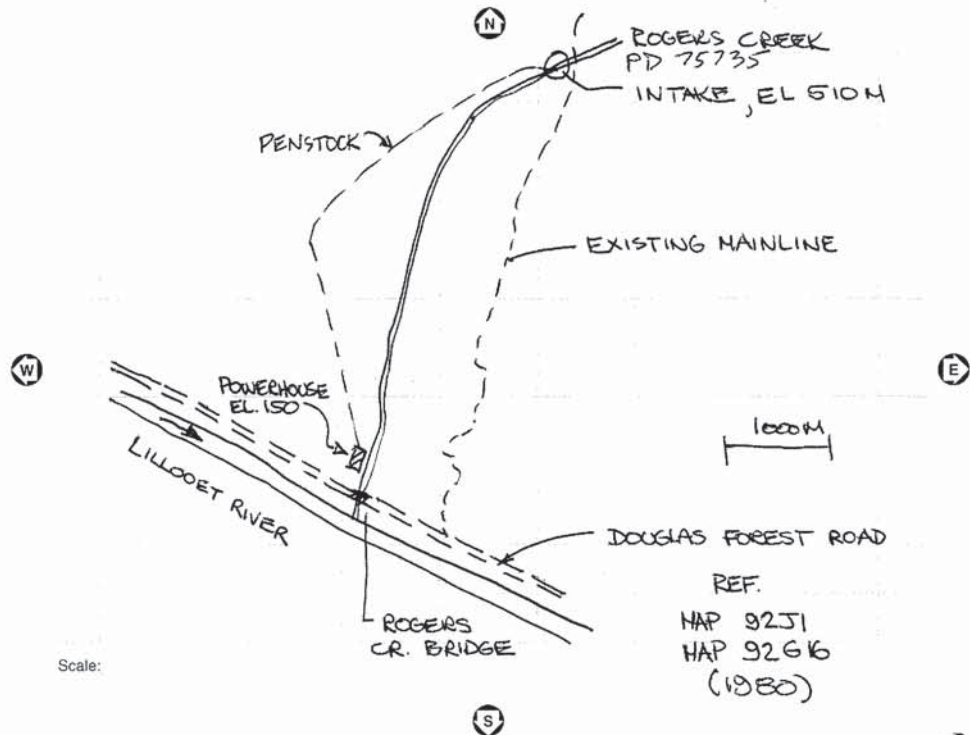


WATER LICENCE APPLICATION DRAWING

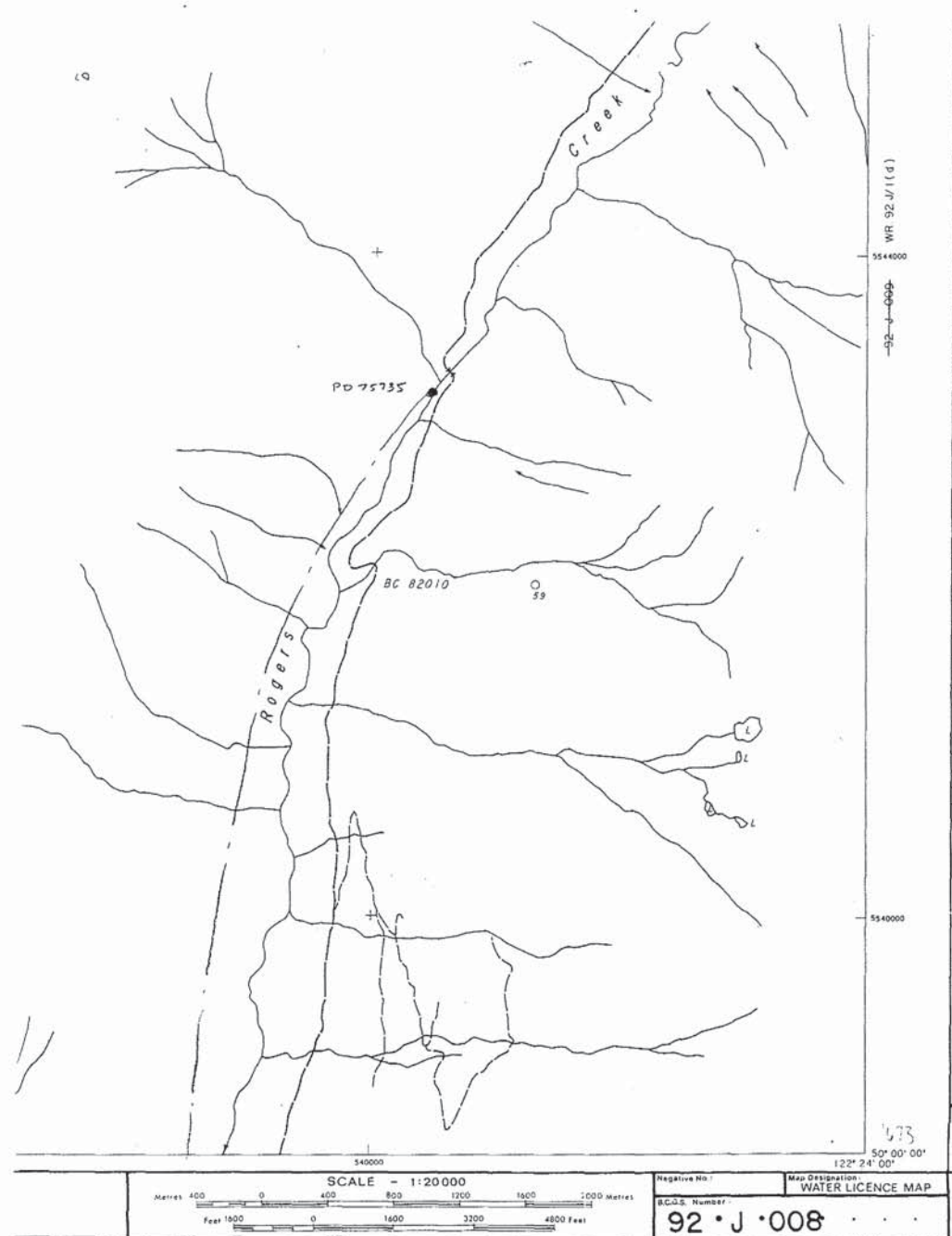
SAMPLE DRAWING - Typical drawing for domestic and irrigation licence.



APPLICANT'S DRAWING - Prepare a drawing to submit with your application. Refer to *Application Guidelines* for a list of required elements.













**Province of British Columbia**  
Ministry of Environment, Lands and Parks  
Water Management

RECEIVED  
JUL - 5 2000  
LOWER MAINLAND REGION  
FILE NO.

**WATER LICENCE APPLICATION**  
Water Act, Section 8

PLEASE REFER TO GUIDELINES WHEN COMPLETING THIS APPLICATION

<b>1. NAME &amp; MAILING ADDRESS</b>		<b>FOR OFFICE USE ONLY</b>	
SURNAME 368787-2 CANADA INC	GIVEN NAME(S)	<p>RECEIVED MAY 26 2000</p>	
MAILING ADDRESS Suite 1400 - 750 West Pender St. Vancouver, British Columbia			
BUSINESS / MESSAGE PHONE # (604) 685-0543	HOME PHONE # FAX # (604) 685-0147		
Do you hold another water Licence? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	LICENCE / FILE NUMBERS (IF KNOWN) CLIENT NUMBER (IF KNOWN) s.21		
2. PLACE OF USE - Legal description of property where water is to be used.		AMOUNT RECEIVED \$10,000.00	RECEIPT # 2115120

ROGERS CREEK, Elevation approx. 510 m to Rogers Creek Bridge on Douglas Forest Rd. approx. elevation 150 m

TENURE TO LAND	Registered Owner LESSEE / OTHER No Tenure	CERTIFICATE OF TITLE / PARCEL IDENTIFICATION NUMBER (PID #) Copy of Legal Plan attached
----------------	---	--

**3. PURPOSE(S) & QUANTITY** - Please refer to Schedule 1 - Water Purpose & Application Fees

Power Purpose, General Use, 30 MW

**4. SOURCE OF WATER**

ROGERS CREEK south to LILLOET RIVER

**5. WORKS** - Existing or proposed to divert and convey water to place of use

PROPOSED POINT OF DIVERSION LOCATION  
Elevation approx. 510 m

a) DIVERSION WORKS	Pump Gravity Feed <input checked="" type="checkbox"/>	LENGTH OF PIPE 5750 m	DIAMETER OF PIPE 1500 cm
OTHER WORKS Diversion Weir/Spillway and intake structure			
PROPOSED RESERVOIR LOCATION HEADPOND ONLY - CAPACITY APPROX. 27,000 m³			
b) STORAGE WORKS	VOLUME OF WATER STORED 27,000 m³	DAM HEIGHT 4.5 m	AREA OF RESERVOIR 1.0 ha
c) ADDITIONAL INFORMATION			
Joint work with others? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			
If YES, WITH WHOM? To be determined			
Works constructed? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Partially <input type="checkbox"/>			

**6. LANDS AFFECTED** - The works will physically affect (by crossing or flooding) the following lands:

LAND DESCRIPTION	NAME OF OWNER (INCLUDING CROWN)
INTAKE LOCATION, 1.0 Ha	CROWN
RIGHT-OF-WAY FOR PIPELINE	3.5 Ha - Crown
POUCHOUSE LOCATION	0.6 Ha - Crown
APPLICANT / AGENT'S SIGNATURE JMA-enc	DATE May 26/00



Province of British Columbia  
Ministry of Environment, Lands & Parks  
Water Management

APPLICATION FOR A WATER LICENCE  
Water Act

PLEASE REFER TO THE GUIDELINES WHEN COMPLETING THIS APPLICATION

1. NAME AND MAILING ADDRESS

SURNAME  
LEDOR POWER INC

GIVEN NAME(S)

MAILING ADDRESS  
900 - 1066 W. HASTINGS STREET  
VANCOUVER, BC

POSTAL CODE  
V6E 3X1

E-MAIL ADDRESS [steve.davis@ledcor.com](mailto:steve.davis@ledcor.com)

HOME PHONE BUSINESS PHONE FAX  
(604) 895 9903 (604) 681 3600

DO YOU HOLD ANOTHER WATER LICENCE?  
YES ☐ NO ☒

WATER LICENCE NUMBER(S) (IF KNOWN)  
s.21

CLIENT NUMBER (IF KNOWN)  
s.21

FOR OFFICE USE ONLY

Date Received



AMOUNT RECEIVED  
\$ 5000.00

RECEIPT #  
233547

FILE #  
2002450

APPLICATION #  
2116053

2. PLACE OF USE - Legal description of property where water is to be used.

PID # LAND DESCRIPTION - Map to follow  
CROWN LAND

CONFIRMATION OF TENURE TO LAND ARE YOU THE REGISTERED OWNER? YES ☐ NO ☒ or LESSEE ☐ or OTHER ☒

3. PURPOSE(S) AND QUANTITY(IES) - Please refer to Schedule 1 - Water Purpose and Application Fees

DOMESTIC USE: NUMBER of dwellings N.A. OTHER USES: (circle appropriate unit)  
QUANTITY to be diverted \_\_\_\_\_ gallons per day POWER PURPOSE (General Use), 4 cubic meters per second  
NUMBER of dwellings constructed \_\_\_\_\_ [gallons acre feet cubic feet] per \_\_\_\_\_

IRRIGATION USE: NUMBER of acres to be irrigated \_\_\_\_\_ NUMBER of Stock \_\_\_\_\_ TYPE of Stock \_\_\_\_\_

4. SOURCE OF WATER

SOURCE: LIZZIE CREEK FLOWS INTO: LILLOOET LAKE

5. WORKS - Existing or proposed to divert and convey water to place of use (must be shown on the Drawing)

IF CREEK, BROOK OR RIVER, WIDTH OF SOURCE AT DIVERSION POINT 15 m

a) DIVERSION WORKS PUMP ☐ OR GRAVITY FEED ☒ LENGTH OF WORKS ON CROWN LAND 2,000 m LENGTH OF PIPE INTO A RIVER or LAKE m, or ft.

LIST WORKS Intake, Penstock, Powerhouse, Transm. Line ARE ANY OF THE WORKS ON CROWN LAND? YES ☒ NO ☐

b) STORAGE DO YOU REQUIRE STORAGE? YES ☐ NO ☒ IF YES, REFER TO SCHEDULE 2 DAM & RESERVOIR INFORMATION and LIST STORAGE WORKS

c) ADDITIONAL INFORMATION JOINT WITH OTHER WORKS? YES ☐ NO ☒ IF YES, WITH WHOM? A joint works agreement is recommended if part or all of your proposed works will be shared with other water licence holder(s).

6. LANDS AFFECTED - If the works will physically affect (by crossing or flooding) the following lands:

DOES NOT AFFECT PRIVATE OR CROWN LAND ☐ (Skip this section) NAME OF OWNER(S) (INCLUDING CROWN LAND TENURE HOLDERS)

LEGAL DESCRIPTION OF LAND AFFECTED  
Mainly penstock on Crown Land.

LANDOWNER'S CONSENT FORM FOR PRIVATE LAND AFFECTED  
ENCLOSED ☐ N/A ☐ (see GUIDELINES)

APPLICANT / AGENT'S SIGNATURE

DATE March 5, 2001

ENV/LP (01/2000)

PLEASE RETAIN A COPY OF THIS APPLICATION AND THE DRAWING FOR YOUR RECORDS

ORCS 00285-01





Province of British Columbia  
Ministry of Environment, Lands & Parks  
Water Management

### SCHEDULE 3 POWER INFORMATION

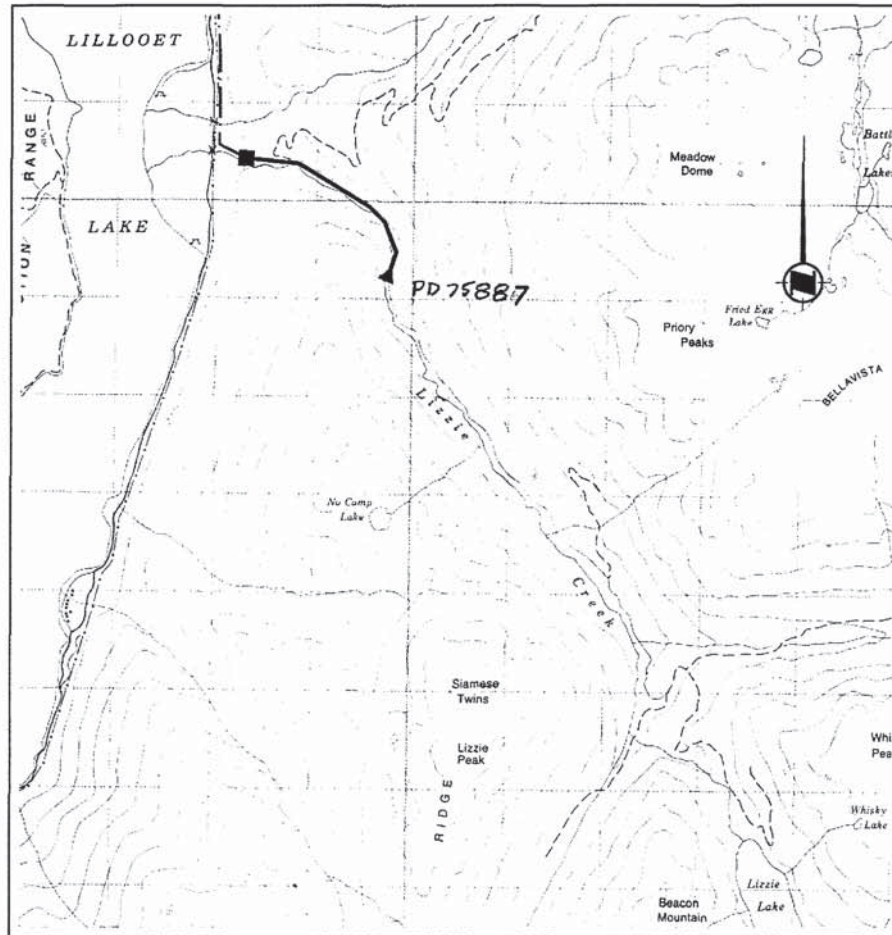
REQUIRED IN SUPPORT OF A WATER LICENCE APPLICATION FOR POWER PURPOSE

1. WATER LICENCE LOCATION INFORMATION		FOR OFFICE USE ONLY		
PURPOSE: Residential <input type="checkbox"/> Commercial <input type="checkbox"/> General <input checked="" type="checkbox"/>	Date Received			
SURNAME LEDCOR POWER INC	GIVEN NAME(S)			
MAILING ADDRESS 900 - 1066 W.HASTINGS STREET VANCOUVER, BC		POSTAL CODE V6E 3X1	<div>RECEIVED WATER MANAGEMENT DIVISION MAR - 2 2011 FILE: 2002450</div>	
E-MAIL ADDRESS steve.davis@ledcor.com	BUSINESS PHONE (604) 895 9903	FAX (604) 681 3600		
HOME PHONE	SOURCE(S) OF WATER (NAME OF STREAM WHERE WORKS ARE TO BE CONSTRUCTED) LIZZIE CREEK			
PROJECT CONSULTANT (IF ANY) SIGMA ENGINEERING LTD				
MAILING ADDRESS Suite 400 - 1444 ALBERNI STREET, VANCOUVER, BC,		POSTAL CODE V6G 2Z4	PHONE (604) 688 8271	FAX (604) 688 1286
<b>2. GENERAL PROJECT INFORMATION - Please complete entire section.</b>				
ANTICIPATED POWER PRODUCTION	MAXIMUM 7,200 kw	MINIMUM 1,800 kw	AVERAGE 4,320 kw	
MAXIMUM STREAM FLOW REQUIRED	FLOW RATE 141 cfs 4 m <sup>3</sup> /s			
POWER PRODUCED FOR	Indicate how the power will be used. Check all that apply. a) PERSONAL USE <input type="checkbox"/> b) SALE TO OTHERS <input checked="" type="checkbox"/> c) SALE TO BC HYDRO & POWER AUTHORITY <input checked="" type="checkbox"/> d) SALE TO OTHER POWER AUTHORITY <input checked="" type="checkbox"/>			
<b>3. PROPOSED WORKS - Please complete where applicable for your project.</b>				
a) STORAGE DAM	HEIGHT m	LENGTH m	TYPES OF CONSTRUCTION MATERIALS	
b) RESERVOIR	STORAGE CAPACITY dam <sup>3</sup> or m <sup>3</sup>	FLOODED AREA ha	If a dam is incorporated please complete Schedule 2 - Dam & Reservoir Information.	
c) INTAKE	DESCRIPTION - LOW OVERFLOW WEIR AND SIDESTREAM INTAKE FISH SCREENS - INTEGRAL FISH SCREENING OTHER FEATURES - FISH PASSAGE FACILITIES (IF REQUIRED), FISH WATER RELEASE AS REQUIRED			
d) PENSTOCK	FLUME, PIPE, TUNNEL, ETC. - DESCRIPTION			
	LENGTH 2,000 m	WIDTH/DIAMETER 1.2 m	DEPTH (IF FLUME) cm	PRESSURE RATING (IF PIPE) Static: 334psi or 2300 kPa
	ELEVATIONS - UPPER END 505 m	ELEVATIONS - LOWER END 275 m	Elevations may be expressed as heights above the level of the turbine.	
e) TURBINE	TYPE - 1 x 7.2 MW HORIZ. AXIS		RATING - 7.2 MW unit	
f) GENERATION	TYPE - HORIZ. SYNCHRONOUS		RATING - 8 MVA, 13.8 Kv, 0.9PF, 3PHASE	
g) TAILRACE	FEATURES - SHORT DISCHARGES TO - LILLOOET LAKE			
h) OTHER EQUIPMENT	STORAGE BATTERIES, ETC. - DESCRIPTION - TO FOLLOW			

NOTE: IF SPACE IS INSUFFICIENT, PLEASE ATTACH THE REQUESTED INFORMATION IN A COVERING LETTER OR REPORT

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 WR 92.5.018



SOUTHWESTERN BRITISH COLUMBIA

- ▲ INTAKE
- PENSTOCK
- POWERHOUSE
- - - TRANSMISSION LINE



PROJECT LAYOUT

LEDCOR POWER INC.			
LIZZIE CREEK HYDROELECTRIC PROJECT			
LOCATION PLAN			
DATE	MAR 2001	DWG. No.	
Page 22			R 0





Province of British Columbia  
Ministry of Environment, Lands & Parks  
Water Management

APPLICATION FOR A WATER LICENCE  
Water Act

PLEASE REFER TO THE GUIDELINES WHEN COMPLETING THIS APPLICATION

1. NAME AND MAILING ADDRESS			FOR OFFICE USE ONLY	
SURNAME LEDOR POWER INC		GIVEN NAME(S)	Date Received	
MAILING ADDRESS 900 - 1066 W. HASTINGS STREET VANCOUVER, BC			<div>RECEIVED WATER MANAGEMENT DIVISION MAR - 2 2001 FILE:</div>	
E-MAIL ADDRESS <u>steve.davis@ledcor.com</u>		POSTAL CODE V6E 3X1		
HOME PHONE	BUSINESS PHONE (604) 895 9903	FAX (604) 681 3600		
DO YOU HOLD ANOTHER WATER LICENCE? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	WATER LICENCE NUMBER(S) (IF KNOWN)	CLIENT NUMBER (IF KNOWN) s.21		
2. PLACE OF USE - Legal description of property where water is to be used.			AMOUNT RECEIVED \$ 5000.00	RECEIPT # 233549
PID #			FILE # 2002452	APPLICATION # 2116056
LAND DESCRIPTION - Map to follow CROWN LAND				
CONFIRMATION OF TENURE TO LAND		ARE YOU THE REGISTERED OWNER? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> or LESSEE <input type="checkbox"/> or OTHER <input checked="" type="checkbox"/>		
3. PURPOSE(S) AND QUANTITY(IES) - Please refer to Schedule 1 - Water Purpose and Application Fees				
DOMESTIC USE: NUMBER of dwellings N.A.		OTHER USES: (circle appropriate unit)		
QUANTITY to be diverted _____ gallons per day		POWER PURPOSE (General Use), 4.1 cubic meters per second		
NUMBER of dwellings constructed _____		[gallons acre feet cubic feet] per _____		
IRRIGATION USE: NUMBER of acres to be irrigated _____		NUMBER of Stock _____ TYPE of Stock _____		
4. SOURCE OF WATER				
SOURCE: KAKILA CREEK		FLOWS INTO: LILLOOET RIVER		
5. WORKS - Existing or proposed to divert and convey water to place of use (must be shown on the Drawing)				
a) DIVERSION WORKS	IF CREEK, BROOK OR RIVER, WIDTH OF SOURCE AT DIVERSION POINT 15 m			
	PUMP <input type="checkbox"/> OR GRAVITY FEED <input checked="" type="checkbox"/>	LENGTH OF WORKS ON CROWN LAND 2,000 m	LENGTH OF PIPE INTO A RIVER or LAKE m, or ft.	
	LIST WORKS Intake, Penstock, Powerhouse, Transm. Line		ARE ANY OF THE WORKS ON CROWN LAND? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
b) STORAGE	DO YOU REQUIRE STORAGE? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> IF YES, REFER TO SCHEDULE 2 DAM & RESERVOIR INFORMATION and LIST STORAGE WORKS			
c) ADDITIONAL INFORMATION	JOINT WITH OTHER WORKS? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		IF YES, WITH WHOM?	
	WORKS CONSTRUCTED? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> PARTIALLY <input type="checkbox"/>		A joint works agreement is recommended if part or all of your proposed works will be shared with other water licence holder(s).	
6. LANDS AFFECTED - If the works will physically affect (by crossing or flooding) the following lands:				
DOES NOT AFFECT PRIVATE OR CROWN LAND <input type="checkbox"/> (Skip this section)		NAME OF OWNER(S) (INCLUDING CROWN LAND TENURE HOLDERS)		
LEGAL DESCRIPTION OF LAND AFFECTED Mainly penstock on Crown Land.				
		LANDOWNER'S CONSENT FORM FOR PRIVATE LAND AFFECTED		
		ENCLOSED <input type="checkbox"/> N/A <input checked="" type="checkbox"/> (see GUIDELINES)		
APPLICANT / AGENT'S SIGNATURE		DATE March 5, 2001		



SCHEDULE 3  
POWER INFORMATION

REQUIRED IN SUPPORT OF A WATER LICENCE APPLICATION FOR POWER PURPOSE

1. WATER LICENCE APPLICATION INFORMATION			FOR OFFICE USE ONLY	
PURPOSE: Residential <input type="checkbox"/> Commercial <input type="checkbox"/> General <input checked="" type="checkbox"/>			Date Received	
SURNAME LEDCOR POWER INC	GIVEN NAME(S)		RECEIVED WATER MANAGEMENT DIVISION MAR 2 2003	
MAILING ADDRESS 900 - 1066 W. HASTINGS STREET VANCOUVER, BC		POSTAL CODE V6E 3X1	FILE:	
E-MAIL ADDRESS steve.davis@ledcor.com		V6E 3X1	FILE NUMBER 2002452	
HOME PHONE	BUSINESS PHONE (604) 895 9903	FAX (604) 681 3600		
SOURCE(S) OF WATER (NAME OF STREAM WHERE WORKS ARE TO BE CONSTRUCTED) KAKILA CREEK				

PROJECT CONSULTANT (IF ANY) SIGMA ENGINEERING LTD

MAILING ADDRESS Suite 400 - 1444 ALBERNI STREET, VANCOUVER, BC,

POSTAL CODE  
V6G 2Z4

PHONE  
(604) 688 8271

FAX  
(604) 688 1286

2. GENERAL PROJECT INFORMATION - Please complete entire section.

ANTICIPATED POWER PRODUCTION	MAXIMUM 6,700 kw	MINIMUM 1,675 kw	AVERAGE 4,020 kw
MAXIMUM STREAM FLOW REQUIRED	FLOW RATE 4.1 m <sup>3</sup> /s		
POWER PRODUCED FOR	Indicate how the power will be used. Check all that apply. a) PERSONAL USE <input type="checkbox"/> c) SALE TO BC HYDRO & POWER AUTHORITY <input checked="" type="checkbox"/> b) SALE TO OTHERS <input checked="" type="checkbox"/> d) SALE TO OTHER POWER AUTHORITY <input checked="" type="checkbox"/>		

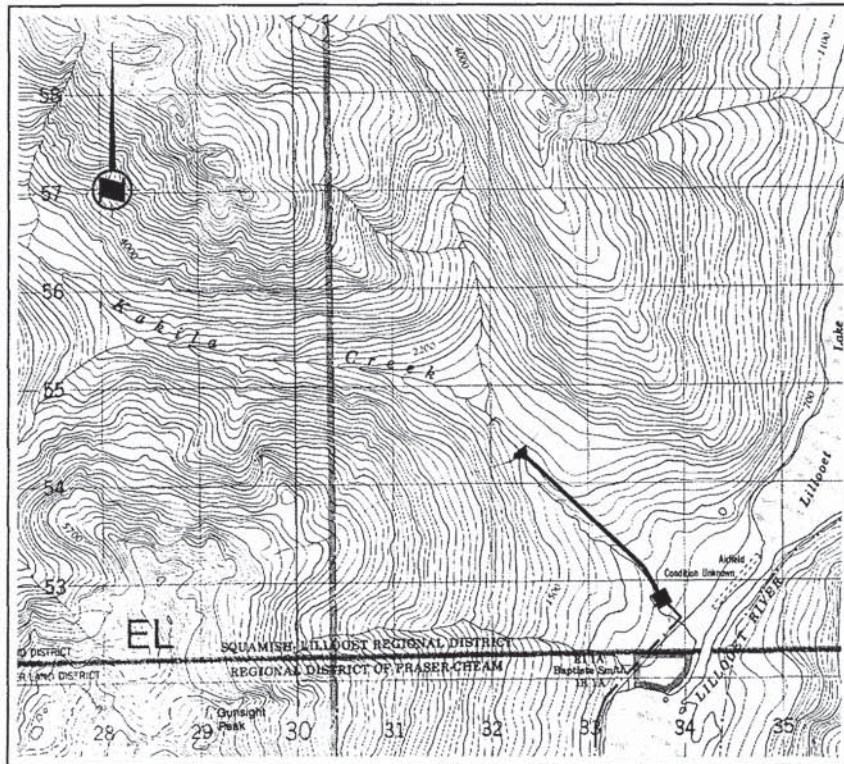
3. PROPOSED WORKS - Please complete where applicable for your project.

a) STORAGE DAM	HEIGHT m	LENGTH m	TYPES OF CONSTRUCTION MATERIALS	
b) RESERVOIR	STORAGE CAPACITY dam <sup>3</sup> or m <sup>3</sup>	FLOODED AREA ha	If a dam is incorporated please complete Schedule 2 - Dam & Reservoir Information.	
c) INTAKE	DESCRIPTION - LOW OVERFLOW WEIR AND SIDESTREAM INTAKE			
	FISH SCREENS - INTEGRAL FISH SCREENING			
	OTHER FEATURES - FISH PASSAGE FACILITIES (IF REQUIRED), FISH WATER RELEASE AS REQUIRED			
	FLUME, PIPE, TUNNEL, ETC. - DESCRIPTION			
d) PENSTOCK	LENGTH 2,000 m	WIDTH/DIAMETER 1.2 m	DEPTH (IF FLUME) cm	PRESSURE RATING (IF PIPE) Static: 305psi or 2100 kPa
	ELEVATIONS - UPPER END 450 m	ELEVATIONS - LOWER END 240 m	Elevations may be expressed as heights above the level of the turbine.	
e) TURBINE	TYPE - 1 x 6.7 MW HORIZ. AXIS		RATING - 6.7 MW unit	
f) GENERATION	TYPE - HORIZ. SYNCHRONOUS		RATING - 7.4 MVA, 13.8 Kv, 0.9PF, 3PHASE	
g) TAILRACE	FEATURES - SHORT			
	DISCHARGES TO -: LILLOOET RIVER			
h) OTHER EQUIPMENT	STORAGE BATTERIES, ETC. - DESCRIPTION - TO FOLLOW			

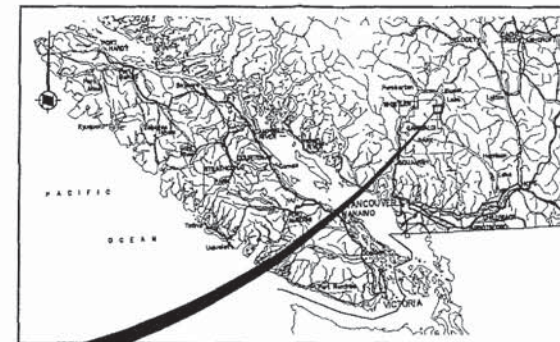
NOTE: IF SPACE IS INSUFFICIENT, PLEASE ATTACH THE REQUESTED INFORMATION IN A COVERING LETTER OR REPORT

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PROJECT LAYOUT



SOUTHWESTERN BRITISH COLUMBIA

- ▲ INTAKE
- PENSTOCK
- POWERHOUSE
- - - TRANSMISSION LINE

0 1 2 3 km

**LEDOR POWER INC.**

KAKILA CREEK HYDROELECTRIC PROJECT

LOCATION PLAN

DATE MAR 2001

DWG. No.

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Province of British Columbia  
Ministry of Environment, Lands & Parks  
Water Management

APPLICATION FOR A WATER LICENCE  
Water Act

PLEASE REFER TO THE GUIDELINES WHEN COMPLETING THIS APPLICATION

1. NAME AND MAILING ADDRESS			FOR OFFICE USE ONLY	
SURNAME LEDCOR POWER INC		GIVEN NAME(S)	Date Received	
MAILING ADDRESS 900 - 1066 W. HASTINGS STREET VANCOUVER, BC			RECEIVED WATER MANAGEMENT DIVISION MAR - 2 2001 FILE #	
E-MAIL ADDRESS: steve.davis@ledcor.com		POSTAL CODE V6E 3X1		
HOME PHONE	BUSINESS PHONE (604) 895 9903	FAX (604) 681 3600		
DO YOU HOLD ANOTHER WATER LICENCE? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	WATER LICENCE NUMBER(S) (IF KNOWN)	CLIENT NUMBER (IF KNOWN) s.21	AMOUNT RECEIVED \$ 5000.00	RECEIPT # 233603
2. PLACE OF USE - Legal description of property where water is to be used.			FILE # 2002456	APPLICATION # 2116060
PID #	LAND DESCRIPTION - Map to follow CROWN LAND			
CONFIRMATION OF TENURE TO LAND		ARE YOU THE REGISTERED OWNER? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> or LESSEE <input type="checkbox"/> or OTHER <input checked="" type="checkbox"/>		
3. PURPOSE(S) AND QUANTITY(IES) - Please refer to Schedule 1 - Water Purpose and Application Fees				
DOMESTIC USE: NUMBER of dwellings N.A.		OTHER USES: (circle appropriate unit)		
QUANTITY to be diverted _____ gallons per day		POWER PURPOSE (General Use), 11.5 cubic meters per second		
NUMBER of dwellings constructed _____		[gallons acre feet cubic feet] per _____		
IRRIGATION USE: NUMBER of acres to be irrigated _____		NUMBER of Stock _____ TYPE of Stock _____		
4. SOURCE OF WATER				
SOURCE: BILLYGOAT CREEK		FLOWS INTO: LILLOOET RIVER		
5. WORKS - Existing or proposed to divert and convey water to place of use (must be shown on the Drawing)				
a) DIVERSION WORKS	IF CREEK, BROOK OR RIVER, WIDTH OF SOURCE AT DIVERSION POINT 15 m			
	PUMP <input type="checkbox"/> OR GRAVITY FEED <input checked="" type="checkbox"/>	LENGTH OF WORKS ON CROWN LAND 3,000 m	LENGTH OF PIPE INTO A RIVER or LAKE m, or ft.	
	LIST WORKS Intake, Penstock, Powerhouse, Transm. Line		ARE ANY OF THE WORKS ON CROWN LAND? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
b) STORAGE	DO YOU REQUIRE STORAGE? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> IF YES, REFER TO SCHEDULE 2 DAM & RESERVOIR INFORMATION and LIST STORAGE WORKS			
c) ADDITIONAL INFORMATION	JOINT WITH OTHER WORKS? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		IF YES, WITH WHOM?	
	WORKS CONSTRUCTED? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> PARTIALLY <input type="checkbox"/>		A joint works agreement is recommended if part or all of your proposed works will be shared with other water licence holder(s).	
6. LANDS AFFECTED - If the works will physically affect (by crossing or flooding) the following lands:				
DOES NOT AFFECT PRIVATE OR CROWN LAND <input type="checkbox"/> (Skip this section)		NAME OF OWNER(S) (INCLUDING CROWN LAND TENURE HOLDERS)		
LEGAL DESCRIPTION OF LAND AFFECTED Mainly penstock on Crown Land.				
APPLICANT / AGENT'S SIGNATURE 		LANDOWNER'S CONSENT FORM FOR PRIVATE LAND AFFECTED ENCLOSED <input type="checkbox"/> N/A <input type="checkbox"/> (see GUIDELINES)		
		DATE March 5, 2001		





SCHEDULE 3  
POWER INFORMATION

REQUIRED IN SUPPORT OF A WATER LICENCE APPLICATION FOR POWER PURPOSE

1. WATER LICENCE APPLICATION INFORMATION			FOR OFFICE USE ONLY	
PURPOSE: Residential <input type="checkbox"/> Commercial <input type="checkbox"/> General <input checked="" type="checkbox"/>			Date Received	
SURNAME LEDCOR POWER INC	GIVEN NAME(S)		RECEIVED WATER MANAGEMENT DIVISION MAR - 2 2004	
MAILING ADDRESS 900 - 1066 W. HASTINGS STREET VANCOUVER, BC		POSTAL CODE V6E 3X1	FILE:	
E-MAIL ADDRESS steve.davis@ledcor.com	HOME PHONE (604) 895 9903		BUSINESS PHONE (604) 895 9903	FAX (604) 681 3600
SOURCE(S) OF WATER (NAME OF STREAM WHERE WORKS ARE TO BE CONSTRUCTED)			FILE NUMBER 2002456	

PROJECT CONSULTANT (IF ANY) SIGMA ENGINEERING LTD

MAILING ADDRESS Suite 400 - 1444 ALBERNI STREET, VANCOUVER, BC,

POSTAL CODE V6G 2Z4	PHONE (604) 688 8271	FAX (604) 688 1286
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2. GENERAL PROJECT INFORMATION - Please complete entire section.

ANTICIPATED POWER PRODUCTION	MAXIMUM 9,900 kw	MINIMUM 2,475 kw	AVERAGE 5,940 kw
MAXIMUM STREAM FLOW REQUIRED	FLOW RATE 11.5 m <sup>3</sup> /s		
POWER PRODUCED FOR	Indicate how the power will be used. Check all that apply. a) PERSONAL USE <input type="checkbox"/> c) SALE TO BC HYDRO & POWER AUTHORITY <input checked="" type="checkbox"/> b) SALE TO OTHERS <input checked="" type="checkbox"/> d) SALE TO OTHER POWER AUTHORITY <input checked="" type="checkbox"/>		

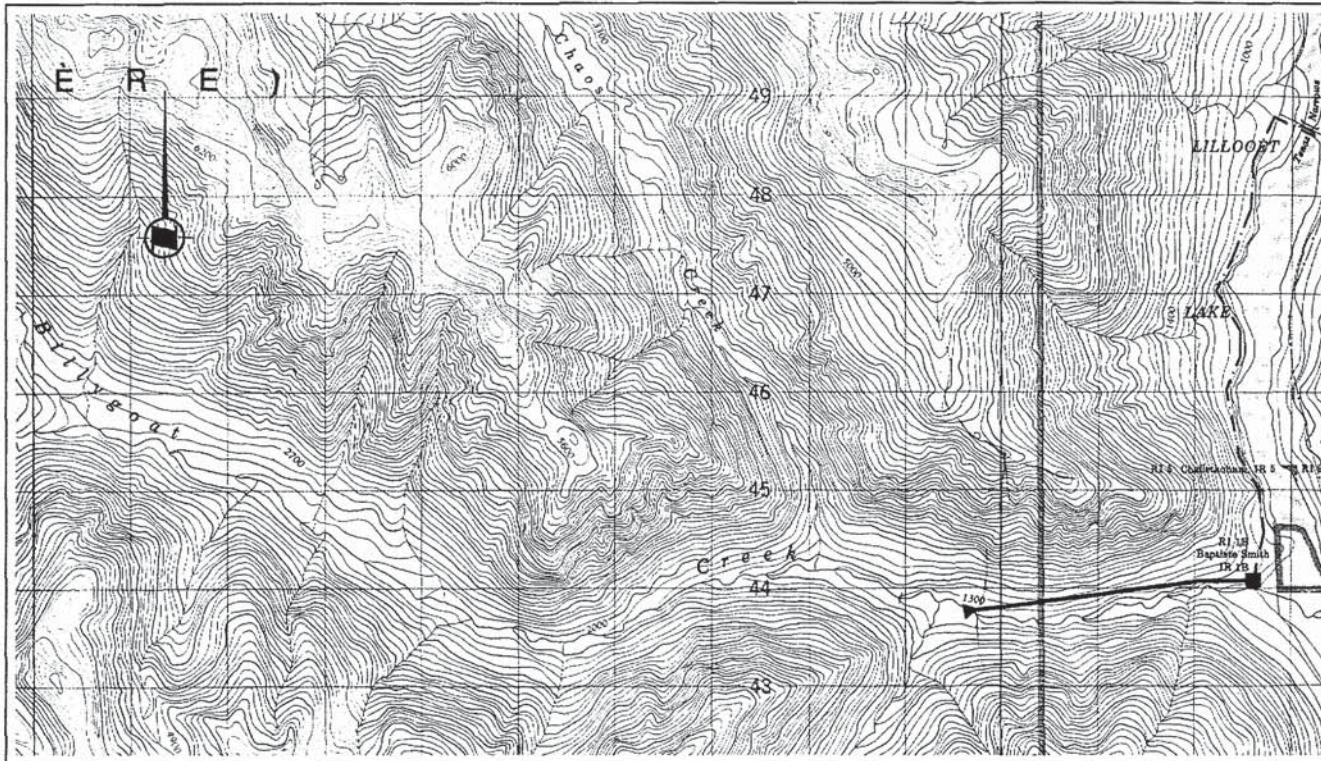
3. PROPOSED WORKS - Please complete where applicable for your project.

a) STORAGE DAM	HEIGHT m	LENGTH m	TYPES OF CONSTRUCTION MATERIALS	
b) RESERVOIR	STORAGE CAPACITY dam <sup>3</sup> or m <sup>3</sup>	FLOODED AREA ha	If a dam is incorporated please complete Schedule 2 - Dam & Reservoir Information.	
c) INTAKE	DESCRIPTION - LOW OVERFLOW WEIR AND SIDESTREAM INTAKE			
	FISH SCREENS - INTEGRAL FISH SCREENING			
	OTHER FEATURES - FISH PASSAGE FACILITIES (IF REQUIRED), FISH WATER RELEASE AS REQUIRED			
	FLUME, PIPE, TUNNEL, ETC. - DESCRIPTION			
d) PENSTOCK	LENGTH 3,000 m	WIDTH/DIAMETER 2.0 m	DEPTH (IF FLUME) cm	PRESSURE RATING (IF PIPE) Static: 160psi or 1100 kPa
	ELEVATIONS - UPPER END 360 m	ELEVATIONS - LOWER END 250 m	Elevations may be expressed as heights above the level of the turbine.	
e) TURBINE	TYPE - 1 x 9.9 MW HORIZ. AXIS		RATING - 9.9 MW unit	
f) GENERATION	TYPE - HORIZ. SYNCHRONOUS		RATING - 11 MVA, 13.8 Kv, 0.9PF, 3PHASE	
g) TAILRACE	FEATURES - SHORT			
	DISCHARGES TO - LILLOOET RIVER			
h) OTHER EQUIPMENT	STORAGE BATTERIES, ETC. - DESCRIPTION - TO FOLLOW			

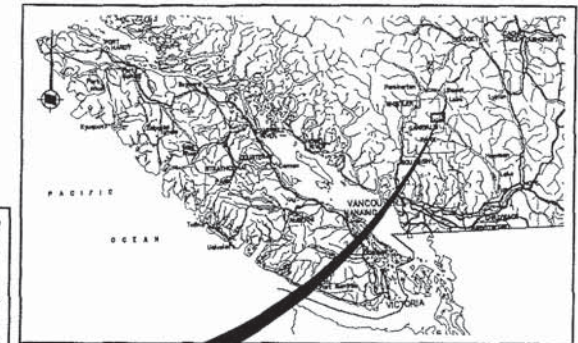
NOTE: IF SPACE IS INSUFFICIENT, PLEASE ATTACH THE REQUESTED INFORMATION IN A COVERING LETTER OR REPORT

t:\wtr\share\wtr\loc\water rights brochures\schedule 3.doc





PROJECT LAYOUT



SOUTHWESTERN BRITISH COLUMBIA

- ▲ INTAKE
- PENSTOCK
- POWERHOUSE
- - - TRANSMISSION LINE

0 1 2 3 km

**LEDOR POWER INC.**

BILLYGOAT CREEK HYDROELECTRIC PROJECT

LOCATION PLAN

DATE MAR 2001

DWG. No.

Page 28

R 0

ENR-2012-00068





Province of British Columbia  
Ministry of Environment, Lands and Parks  
Water Management

WATER LICENCE  
APPLICATION  
Water Act, Section 8

PLEASE REFER TO GUIDELINES WHEN COMPLETING THIS APPLICATION

1. NAME & MAILING ADDRESS

SURNAME GIVEN NAME(S)

574768 B.C. CO.

MAILING ADDRESS

1450-1075 W. GERRARD

VANCOUVER B.C.

BUSINESS MESSAGE PHONE #

HOME PHONE #

FAX #

Do you hold

another water licence?

Yes

No

LICENCE FILE NUMBERS (IF KNOWN)

CLIENT NUMBER (IF KNOWN)

FILE NO.

AMOUNT RECEIVED

RECEIPT #

FILE #

APPLICATION #

FOR OFFICE USE ONLY

RECEIVED

Sent to Lacey Whittle  
AUG - 1 2001 8/2/01

LOWER MAINLAND REGION

2. PLACE OF USE - Legal description of property where water is to be used

UNOCCUPIED CROWN LAND SOUTH  
OF MOUNT CORRIE

TENURE  
TO LAND

Registered Owner

LESSEE OTHER

CERTIFICATE OF TITLE / PARCEL IDENTIFICATION NUMBER (PID #)

Copy of Legal Plan attached

3. PURPOSE(S) & QUANTITY - Please refer to Schedule 1 - Water Purpose & Application Fees

ELECTRICITY GENERATION 1.5 M<sup>3</sup>/s

4. SOURCE OF WATER

UNNAMED CREEK DISCHARGES INTO  
WILLOUGH LAKES

5. WORKS - Existing or proposed to divert and convey water to place of use

PROPOSED POINT OF DIVERSION LOCATION

2.5 KM UPSTREAM FROM WILLOUGH LAKES

a) DIVERSION  
WORKS

Pump Gravity Feed

LENGTH OF PIPE

m

DIAMETER OF PIPE

cm

OTHER WORKS

PROPOSED RESERVOIR LOCATION

b) STORAGE  
WORKS

VOLUME OF WATER STORED

m<sup>3</sup>

DAM HEIGHT

m

AREA OF RESERVOIR

ha

Joint work with others?

Yes

IF YES, WITH WHOM?

Works constructed?

Yes

No

Partially

c) ADDITIONAL  
INFORMATION

6. LANDS AFFECTED - The works will physically affect (by crossing or flooding) the following lands:

LAND DESCRIPTION

UNOCCUPIED CROWN LAND

NAME OF OWNER (INCLUDING CROWN)

CROWN

APPLICANT / AGENT'S SIGNATURE

DATE

8/10/01

WLP 02 (01)

KEEP YELLOW COPY OF THE APPLICATION AND DRAWINGS FOR YOUR RECORDS

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FNR-2012-000665 50235-01

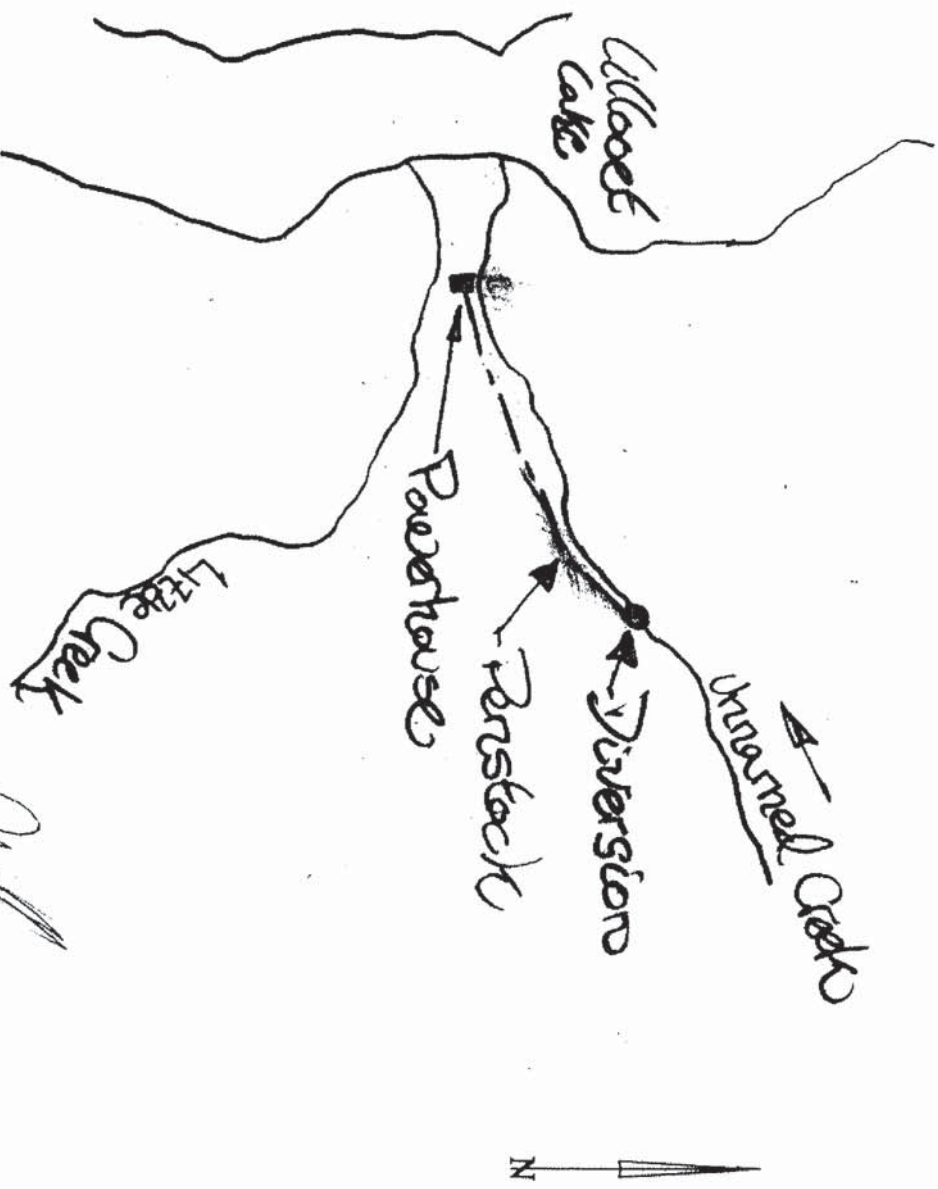


BRITISH  
COLUMBIA

Ministry of Environment,  
Lands and Parks  
Water Management

## WATER LICENCE APPLICATION DRAWING

APPLICANT'S DRAWING - Prepare a drawing to submit with your application. Refer to the required drawing standards for required elements



Scale:

1:50,000

Legend:

Point of Diversion



Pipe



Pipe Over Crown land



The boundaries of the land to which this licence is appurtenant are shown thus



Land District:

Map:

POD:

Water District:

Precinct:

Applicant's Signature:

Date:

01/07/13

For Office use Only





BRITISH  
COLUMBIA

Province of British Columbia  
Ministry of Environment, Lands & Parks  
Water Management

SCHEDULE 3  
POWER INFORMATION

REQUIRED IN SUPPORT OF A WATER LICENCE APPLICATION FOR POWER PURPOSE  
FOR OFFICE USE ONLY

PURPOSE: Residential ☐ Commercial ☐ General ☒ Date Received

SURNAME GIVEN NAME(S)

514168 B.C. UEL

MAILING ADDRESS

1450-1045 W. Georgia St.  
Vancouver B.C.

E-MAIL ADDRESS

POSTAL CODE  
V6E 3C9

HOME PHONE BUSINESS PHONE FAX

FILE NUMBER

SOURCE(S) OF WATER (NAME OF STREAM WHERE WORKS ARE TO BE CONSTRUCTED)

PROJECT CONSULTANT (IF ANY)

MAILING ADDRESS

POSTAL CODE

PHONE

FAX

2. GENERAL PROJECT INFORMATION - Please complete entire section.

ANTICIPATED POWER PRODUCTION	MAXIMUM 4900	kw	MINIMUM		kw	AVERAGE 3500	kw
MAXIMUM STREAM FLOW REQUIRED	FLOW RATE 1.5	m <sup>3</sup> /s					
POWER PRODUCED FOR	Indicate how the power will be used. Check all that apply. a) Personal Use <input type="checkbox"/> b) Sale to BC Hydro & Power Authority <input checked="" type="checkbox"/> c) Sale to Other Power Authority <input checked="" type="checkbox"/> d) Sale to Other Power Authority <input checked="" type="checkbox"/>						

3. PROPOSED WORKS - Please complete where applicable for your project.

		HEIGHT		LENGTH		TYPES OF CONSTRUCTION MATERIALS		
a) STORAGE DAM		m						
b) RESERVOIR	STORAGE CAPACITY	dam <sup>3</sup> or m <sup>3</sup>	FLOODED AREA	ha	If a dam is incorporated please complete Schedule 2 - Dam & Reservoir Information.			
c) INTAKE	DESCRIPTION	CONCRETE DIVERSION STRUCTURE						
	FISH SCREENS							
	OTHER FEATURES	TEAST RACK						
d) PENSTOCK	FLUME, PIPE, TUNNEL, ETC. - DESCRIPTION							
	LENGTH	2500 m	WIDTH/DIAMETER	0.75 m	DEPTH (IF FLUME)	cm	PRESSURE RATING (IF PIPE)	kPa
	ELEVATIONS - UPPER END	500 m	ELEVATIONS - LOWER END	<del>500</del> m	Elevations may be expressed as heights above the level of the turbine.			
e) TURBINE	TYPE	Pelton		RATING	5200			
f) GENERATION	TYPE			RATING	4900			
g) TAILRACE	FEATURES	Open Flume						
	DISCHARGES TO	Unarmed Creek						
h) OTHER EQUIPMENT	STORAGE BATTERIES, ETC. - DESCRIPTION							









Province of British Columbia  
Ministry of Environment, Lands and Parks  
Water Management

WATER LICENCE  
APPLICATION  
Water Act, Section 8

PLEASE REFER TO GUIDELINES WHEN COMPLETING THIS APPLICATION

1. NAME & MAILING ADDRESS

SURNAME GIVEN NAME(S)

54768 B.C. Ltd.

FOR OFFICE USE ONLY

RECEIVED

AUG - 1 2001

MAILING ADDRESS

1450-1075 W. GEORGIA

BUSINESS / MESSAGE PHONE #

FAX #

LOWER MAINLAND REGION

Do you hold another water licence?

Yes No ☒

LICENCE / FILE NUMBERS (IF KNOWN)

AMOUNT RECEIVED

\$ 2800.00

RECEIPT #

247690

2. PLACE OF USE - Legal description of property where water is to be used.

Licence?

Yes No ☒

CLIENT NUMBER (IF KNOWN)

FILE #

2000488

APPLICATION #

Z116490

TENURE TO LAND

Registered Owner  
LESSEE / OTHER:

CERTIFICATE OF TITLE / PARCEL IDENTIFICATION NUMBER (PID #)

Copy of Legal Plan attached

3. PURPOSE(S) & QUANTITY - Please refer to Schedule 1 - Water Purpose & Application Fees

ELECTRICITY GENERATION 101c 1.5 m<sup>3</sup>/s

4. SOURCE OF WATER

UNNAMED CREEK DISCHARGES INTO WILLOGET LAKE

5. WORKS - Existing or proposed to divert and convey water to place of use.

PROPOSED POINT OF DIVERSION LOCATION

a) DIVERSION WORKS

2.5 km UPSTREAM FROM WILLOGET LAKE  
Pump = Gravity Feed = LENGTH OF PIPE m DIAMETER OF PIPE cm  
OTHER WORKS

b) STORAGE WORKS

VOLUME OF WATER STORED m<sup>3</sup> DAM HEIGHT m AREA OF RESERVOIR ha

c) ADDITIONAL INFORMATION

Joint work with others? Yes = No ☒ IF YES, WITH WHOM?  
Works constructed? Yes = No ☒ Partially =

6. LANDS AFFECTED - The works will physically affect (by crossing or flooding) the following lands:

LAND DESCRIPTION

UNRESERVED CROWN LAND CROWN CROWN

NAME OF OWNER (INCLUDING CROWN)

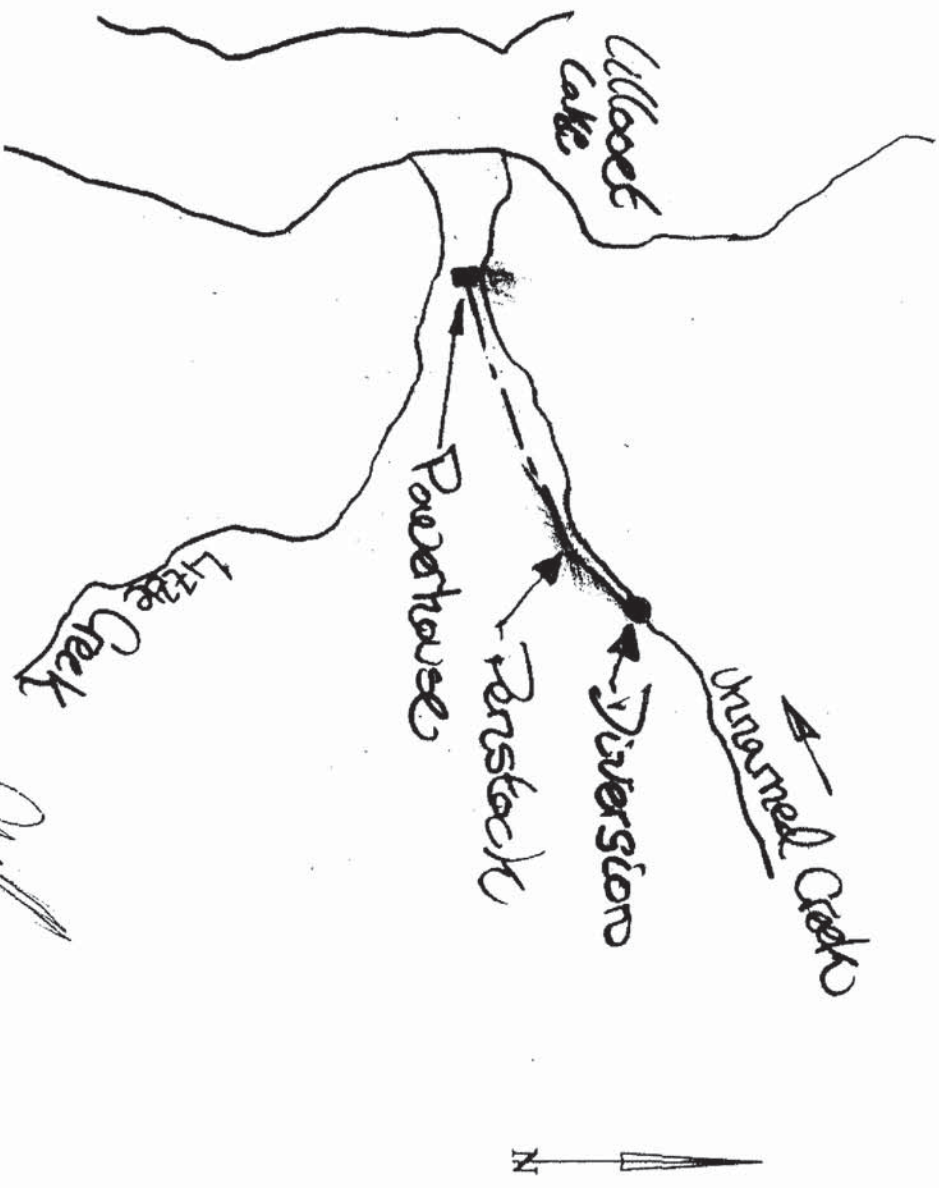
APPLICANT / AGENT'S SIGNATURE

DATE

Page 3 of 5  
FNR 201200068

# WATER LICENCE APPLICATION DRAWING

APPLICANT'S DRAWING - 3 - Prepare a drawing to submit with your application. Refer to the required drawing standards for required elements.



Scale:

1:50,000

Legend:

Point of Diversion



Pipe

Pipe Over Crown land



The boundaries of the land to which this licence is  
appurtenant are shown thus



Applicant's Signature:

Date:

*[Signature]*  
01/07/13

For Office use Only

Land District:

Map:

POD:

Water District:

Precinct:





BRITISH  
COLUMBIA

Province of British Columbia  
Ministry of Environment, Lands & Parks  
Water Management

SCHEDULE 3  
POWER INFORMATION

1. WATER LICENCE LOCATION INFORMATION REQUIRED IN SUPPORT OF A WATER LICENCE APPLICATION FOR POWER PURPOSE  
FOR OFFICE USE ONLY

PURPOSE: Residential ☐ Commercial ☐ General ☒

Date Received

SURNAME GIVEN NAME(S)

514168 B.C. UEL

MAILING ADDRESS

1450-1075 W. Georgia St.  
Vancouver B.C.

E-MAIL ADDRESS

HOME PHONE

BUSINESS PHONE

FAX

FILE NUMBER

RECEIVED  
WATER MANAGEMENT  
DIVISION

AUG 11 2001

FILE:

SOURCE(S) OF WATER (NAME OF STREAM WHERE WORKS ARE TO BE CONSTRUCTED)

Unarmed Creek

PROJECT CONSULTANT (IF ANY)

MAILING ADDRESS

POSTAL CODE

PHONE

FAX

2. GENERAL PROJECT INFORMATION - Please complete entire section.

ANTICIPATED POWER  
PRODUCTION

MAXIMUM  
4900

MINIMUM

AVERAGE  
3500

MAXIMUM STREAM FLOW  
REQUIRED

FLOW RATE  
1.5

m<sup>3</sup>/s

kw

POWER PRODUCED FOR

Indicate how the power will  
be used. Check all that  
apply.

- a) Personal Use ☐ c) Sale to BC Hydro & Power Authority ☒  
b) Sale to Others ☐ d) Sale to Other Power Authority ☒

3. PROPOSED WORKS - Please complete where applicable for your project.

a) STORAGE DAM

HEIGHT

m

LENGTH

m

TYPES OF CONSTRUCTION MATERIALS

b) RESERVOIR

STORAGE CAPACITY

dam<sup>3</sup>  
or m<sup>3</sup>

FLOODED AREA

ha

If a dam is incorporated please complete  
Schedule 2 - Dam & Reservoir Information.

c) INTAKE

OTHER FEATURES

TEAST RACK

FLUME, PIPE, TUNNEL, ETC. - DESCRIPTION

d) PENSTOCK

LENGTH

2500

m

WIDTH/DIAMETER

0.75

m

DEPTH (IF FLUME)

cm

PRESSURE RATING (IF PIPE)

5400

KPa

ELEVATIONS - UPPER END  
500

m

ELEVATIONS - LOWER END  
the level of the turbine.

e) TURBINE

TYPE

Pelton

RATING

5200

f) GENERATION

TYPE

RATING

4900

g) TAILRACE

FEATURES

Open Flume

DISCHARGES TO

Unarmed Creek

h) OTHER EQUIPMENT



STORAGE BATTERIES, ETC. - DESCRIPTION



Province of British Columbia  
Ministry of Environment, Lands & Parks  
Water Management

APPLICATION FOR A WATER LICENCE  
Water Act

PLEASE REFER TO THE GUIDELINES WHEN COMPLETING THIS APPLICATION

1. NAME AND MAILING ADDRESS			FOR OFFICE USE ONLY	
SURNAME Northwest Cascade Power Ltd. Contact: David Austin		GIVEN NAME(S)	Date Received	
MAILING ADDRESS 1710 - 1177 West Hastings Street Vancouver, BC				
E-MAIL ADDRESS		POSTAL CODE V6E 2L3		
HOME PHONE	BUSINESS PHONE (604) 683-9262	FAX (604) 681-0139		
DO YOU HOLD ANOTHER WATER LICENCE? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	WATER LICENCE NUMBER(S) (IF KNOWN)	CLIENT NUMBER (IF KNOWN) s.21	AMOUNT RECEIVED \$ 5,000.00	RECEIPT # 252417
2. PLACE OF USE - Legal description of property where water is to be used. PID # LAND DESCRIPTION - Map Attached MOSTLY CROWN LAND			FILE # 2002560	APPLICATION # 2116901
CONFIRMATION OF TENURE TO LAND			ARE YOU THE REGISTERED OWNER? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> or LESSEE <input type="checkbox"/> or OTHER <input type="checkbox"/>	
3. PURPOSE(S) AND QUANTITY(IES) - Please refer to Schedule 1 - Water Purpose and Application Fees				
DOMESTIC USE: NUMBER of dwellings N.A. QUANTITY to be diverted _____ gallons per day NUMBER of dwellings constructed _____			OTHER USES: POWER PURPOSE (General Use), 10.3 cubic meters per second	
IRRIGATION USE: NUMBER of acres to be irrigated _____			NUMBER of Stock _____ TYPE of Stock _____	
4. SOURCE OF WATER SOURCE: TUWASUS CREEK FLOWS INTO: LILLOOET RIVER				
5. WORKS - Existing or proposed to divert and convey water to place of use (must be shown on the Drawing)				
a) DIVERSION WORKS	IF CREEK, BROOK OR RIVER, WIDTH OF SOURCE AT DIVERSION POINT 17 m		LENGTH OF PIPE INTO A RIVER or LAKE _____ m, or _____ ft.	
	PUMP <input type="checkbox"/> OR GRAVITY FEED <input checked="" type="checkbox"/> LIST WORKS: Intake, Penstock, Powerhouse, Transmission Line		LENGTH OF WORKS ON CROWN LAND 0 m ARE ANY OF THE WORKS ON CROWN LAND? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
b) STORAGE	DO YOU REQUIRE STORAGE? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> IF YES, REFER TO SCHEDULE 2 DAM & RESERVOIR INFORMATION and LIST STORAGE WORKS			
c) ADDITIONAL INFORMATION	JOINT WITH OTHER WORKS? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		IF YES, WITH WHOM?	
	WORKS CONSTRUCTED? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> PARTIALLY <input type="checkbox"/>		A joint works agreement is recommended if part or all of your proposed works will be shared with other water licence holder(s).	
6. LANDS AFFECTED - If the works will physically affect (by crossing or flooding) the following lands:				
DOES NOT AFFECT PRIVATE OR CROWN LAND <input type="checkbox"/> (Skip this section)			NAME OF OWNER(S) (INCLUDING CROWN LAND TENURE HOLDERS)	
LEGAL DESCRIPTION OF LAND AFFECTED Intake, penstock, powerhouse and transmission line on Crown Land.			CROWN LAND	
APPLICANT / AGENT'S SIGNATURE 			LANDOWNER'S CONSENT FORM FOR PRIVATE LAND AFFECTED ENCLOSED <input type="checkbox"/> N/A <input checked="" type="checkbox"/> (see GUIDELINES)	
DATE November 20, 2001				
ENV/LP (01/2000) PLEASE RETAIN A COPY OF THIS APPLICATION AND THE DRAWING FOR YOUR RECORDS ORCS 00285-01				





Province of British Columbia  
Ministry of Environment, Lands & Parks  
Water Management

SCHEDULE 3  
POWER INFORMATION

REQUIRED IN SUPPORT OF A WATER LICENCE APPLICATION FOR POWER PURPOSE

1. WATER LICENCE APPLICATION INFORMATION		FOR OFFICE USE ONLY	
PURPOSE: <input type="checkbox"/> Residential <input type="checkbox"/> Commercial <input checked="" type="checkbox"/> General	Date Received		
SURNAME Northwest Cascade Power Ltd. Contact: David Austin	GIVEN NAME(S)		
MAILING ADDRESS 1710 - 1177 West Hastings Street Vancouver, BC		POSTAL CODE	
E-MAIL ADDRESS		V6E 2L3	
HOME PHONE	BUSINESS PHONE (604) 683-9262	FAX (604) 681-0139	
SOURCE(S) OF WATER (NAME OF STREAM WHERE WORKS ARE TO BE CONSTRUCTED)		FILE NUMBER	
TUWASUS CREEK		2002060	
PROJECT CONSULTANT (IF ANY) SIGMA ENGINEERING LTD			
MAILING ADDRESS Suite 400 - 1444 ALBERNI STREET, VANCOUVER, BC,			
POSTAL CODE V6G 2Z4		PHONE (604) 688 8271	FAX (604) 688 1286
2. GENERAL PROJECT INFORMATION - Please complete entire section.			
ANTICIPATED POWER PRODUCTION	MAXIMUM 8,800 kW	MINIMUM 1,900 kW	AVERAGE 5,300 kW
MAXIMUM STREAM FLOW REQUIRED	FLOW RATE 10.3 m <sup>3</sup> /s		
POWER PRODUCED FOR	Indicate how the power will be used. Check all that apply. a) PERSONAL USE <input type="checkbox"/> c) SALE TO BC HYDRO & POWER AUTHORITY <input checked="" type="checkbox"/> b) SALE TO OTHERS <input checked="" type="checkbox"/> d) SALE TO OTHER POWER AUTHORITY <input type="checkbox"/>		
3. PROPOSED WORKS - Please complete where applicable for your project.			
a) STORAGE DAM	HEIGHT m	LENGTH m	TYPES OF CONSTRUCTION MATERIALS
b) RESERVOIR	STORAGE CAPACITY dam <sup>3</sup> Or m <sup>3</sup>	FLOODED AREA ha	If a dam is incorporated please complete Schedule 2 - Dam & Reservoir Information.
c) INTAKE	DESCRIPTION - LOW OVERFLOW WEIR AND SIDESTREAM INTAKE		
	FISH SCREENS - INTEGRAL FISH SCREENING IF NECESSARY		
	OTHER FEATURES - FISH PASSAGE FACILITIES (IF REQUIRED)		
d) PENSTOCK	PENSTOCK - DESCRIPTION		
	LENGTH 4,300 m	WIDTH/DIAMETER 1.9 m	DEPTH (IF FLUME) cm
	ELEVATIONS - UPPER END 300 m	ELEVATIONS - LOWER END 190 m	PRESSURE RATING (IF PIPE) 157 psi static
e) TURBINE	TYPE - 1 x 8.8 MW FRANCIS TURBINE		RATING - 1 x 8.8 MW unit
f) GENERATION	TYPE - HORIZ. SYNCHRONOUS		RATING - 9.8 MVA, 13.8 kV, 0.9PF, 3PHASE
g) TAILRACE	FEATURES - SHORT		
	DISCHARGES TO - TUWASUS CREEK		
h) OTHER EQUIPMENT	STORAGE BATTERIES, ETC. - DESCRIPTION - TO FOLLOW		

NOTE: IF SPACE IS INSUFFICIENT, PLEASE ATTACH THE REQUESTED INFORMATION IN A COVERING LETTER OR REPORT







GOVERNMENT  
OF YUKON

# WATER LICENCE APPLICATION

NOTE: A fee of \$100.00 must be paid with the application. The application must be  
submitted to the Yukon Department of Environment and Natural Resources, P.O. Box 2000, Whitehorse, Yukon, Canada X1A 2S2.

1. Name

the applicant

FILE NO. 2000642

2. Name

ENTRANCE LTD

3. Name

Appl # | Street # | Street No Box 6630, Station 'D'

Post Office Box #

CITY

Province

Postal Code

4. Name

Address

Telephone

Home Tel

Business Tel

Message Tel

5. Name

Address

Discharges into

6. Name

Address

Telephone

Business Tel

Message Tel

7. Name

Address

Telephone

Business Tel

Message Tel

8. Name

Address

Telephone

Business Tel

Message Tel

Project description: Project will maximize the available head  
with the least disturbance to the environment.

Approx location: Lat 49° 59',  
Long 122° 27', Project will maximize the available head

with the least disturbance to the environment.

Project description: Project will maximize the available head  
with the least disturbance to the environment.

Approx location: Lat 49° 59',  
Long 122° 27', Project will maximize the available head

Project description

Approx location

Project will maximize the available head

9. Name

Address

Telephone

Business Tel

Message Tel

10. Name

Address

Telephone

Business Tel

Message Tel

The work will be carrying the Crown lands.  
The project will be made to minimize  
the requirements for a dam.

Approx location: Lat 49° 59',  
Long 122° 27', Project will maximize the available head

with the least disturbance to the environment.

Project description

Approx location

Project will maximize the available head

ENTRANCE LTD

Appl # | Street # | Street No Box 6630, Station 'D'

Post Office Box #

Province

Postal Code

11. Name

Address

Telephone

Business Tel

Message Tel

Project description

Approx location

Project will maximize the available head

12. Name

Address

Telephone

Business Tel

Message Tel

Project description

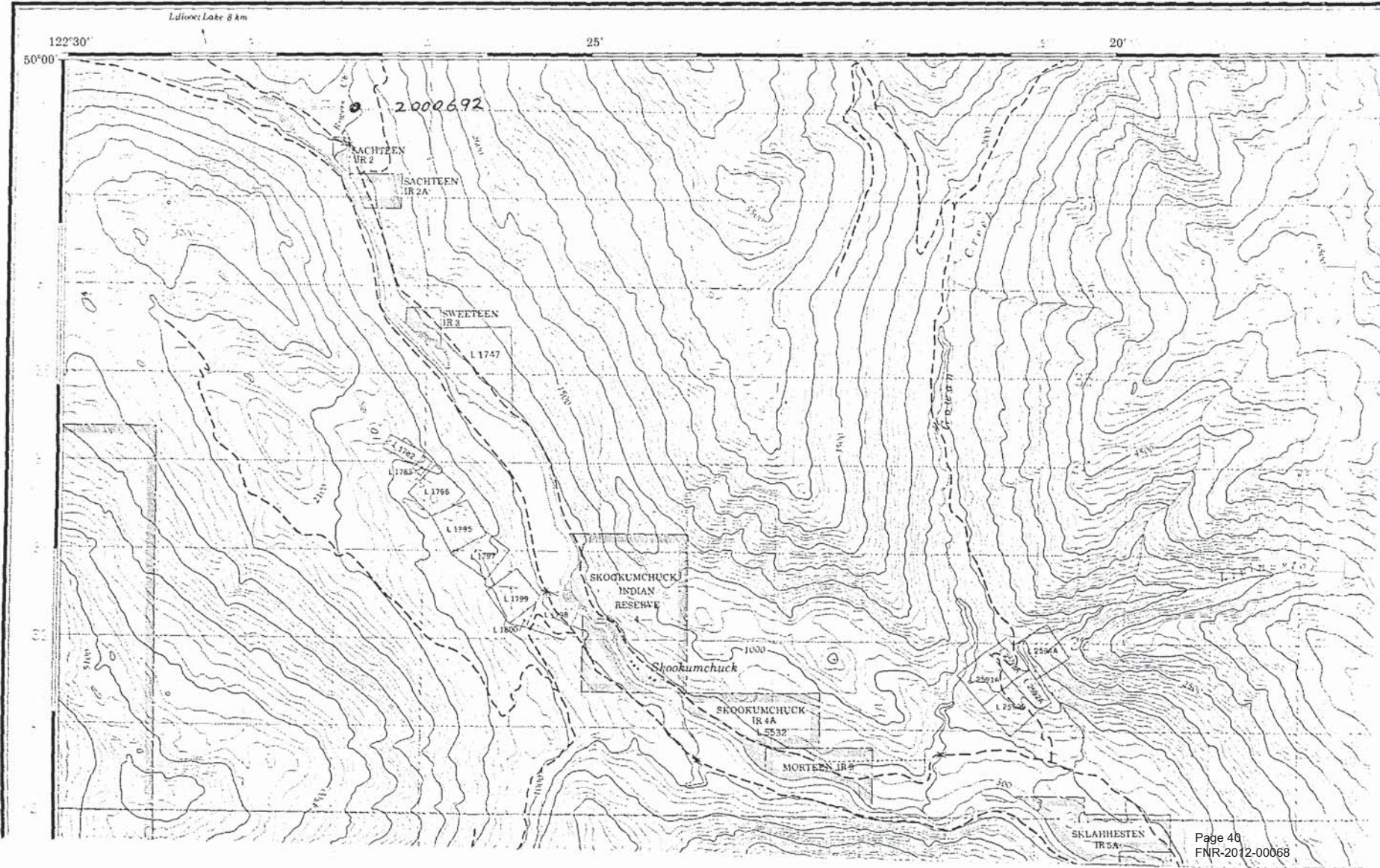
Approx location

Project will maximize the available head

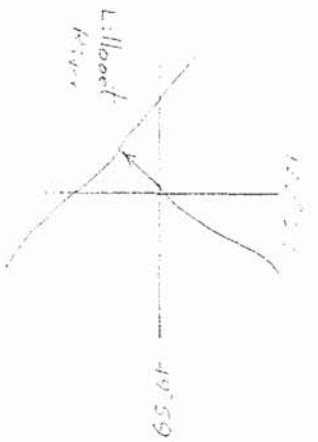


92 G/16

1:50 000







Lat  $\pm$  49° 59'  
 Long  $\pm$  122° 27'

Crown lands

Intake Plant Capacity: 2,500 kw  
 Head: 120m  
 Flow rate required: 2.6 m<sup>3</sup>/s @ 0.80 eff

Project: Lillooet River. Production and sale to BC Hydro  
 Power Capacity Factor:  $\pm$  65%

Low: 00 effluent to be used to avoid stream construction  
 of more than 2 meters depth, if any.

Head:  $\pm$  120 m

Runoff:  $\pm$  1200 m<sup>3</sup>

Forest site and other preliminary detailed work will be  
 undertaken once the availability of the site and priority status  
 is established.

Power generated from the environment friendly and  
 abundant available hydro potential - will be reflected to  
 BC Hydro for supplying a future reliable and convenient  
 power source for the British Columbians.

Paul Sampson

October 21, 1990

for ENR 1000000000

Tel: (403) 284-0520

Fax: (403) 284-1952

10/10/10

COPY NO. 1



**HYDROMAX ENERGY LTD.  
RUN-OF-RIVER POWER PROJECTS**

**ROGERS CREEK HYDROELECTRIC PROJECT  
PRELIMINARY PROJECT DEFINITION REPORT  
(REF. NO. VA103-113/5-1)**

**File 2408945**

**Reports**

***Knight Piésold***  
**CONSULTING**



**HYDROMAX ENERGY LTD.  
RUN-OF-RIVER POWER PROJECTS**

**ROGERS CREEK HYDROELECTRIC PROJECT  
PRELIMINARY PROJECT DEFINITION REPORT  
(REF. NO. VA103-113/5-1)**

Rev. No.	Revision	Date	Approved
0	Issued for Report	June 27, 2005	<i>EP</i>

***Knight Piésold Ltd.***

Suite 1400  
750 West Pender Street  
Vancouver, British Columbia  
Canada V6C 2T8

Telephone: (604) 685-0543  
Facsimile: (604) 685-0147  
E-mail: kpl@knightpiesold.com

***Knight Piésold***  
**CONSULTING**

HYDROMAX ENERGY LTD.  
RUN-OF-RIVER POWER PROJECTS

ROGERS CREEK HYDROELECTRIC PROJECT  
PRELIMINARY PROJECT DEFINITION REPORT  
(REF. NO. VA103-113/5-1)

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## APPENDICES

Appendix A	Certificate of Incorporation
Appendix B	Crown Land and Water License Applications

Pages 46 through 69 redacted for the following reasons:  
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Not Responsive



**APPENDIX B**

**CROWN LAND AND WATER LICENSE APPLICATIONS**  
**(Pages B1 – B8)**

THIS PAGE MUST BE COMPLETED FOR ALL APPLICATIONS.

PLEASE READ THE LWBC APPLICATION FORM GUIDE WHEN COMPLETING THIS APPLICATION.

**PART 1 NAME(S) AND MAILING ADDRESS**

Client Name ☐ OR Company Name ☒ OR Society Name ☐  
Hydromax Energy Ltd.

For applications made by more than one individual:  
☐ Joint Tenants; or,  
☐ Tenants in Common

Your File Number (if applicable):  
2000692

Contact Name of Agent (if applicable): Mr. Jim Gemmill / Mr. Sam Mottram

BC Incorp. No., BC Registered No. or Society No.: BC0713262 GST Registration Number:

Address:  
1790 – 1040 West Georgia Street  
Vancouver, BC

Postal Code: V6E 4H8

E-mail Address  
gemmill@eatonpower.com

Home Phone	Business Phone (604) 642 5700 (Mr. Jim Gemmill) (604) 685 0543 (Mr. Sam Mottram)	Fax Number (604) 642 5706 (Mr. Jim Gemmill) (604) 685 0147 (Mr. Sam Mottram)
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Applicant /Agent's Signature(s)

Date

Please Enclose Appropriate fees (see Fee Schedule <http://www.lwbc.bc.ca/01lwbc/leg/fees.html>)

**NOTE:** Make cheque or money order payable to **Land & Water British Columbia Inc.**

The information you provide will be subject to the Freedom of Information and Protection of Privacy Act. If you have any questions regarding the treatment of your personal information by LWBC, please contact the Manager, Privacy, Information Access and Records Management at 250-952-6247.

In addition, the submission of this form does not in any manner convey any rights to use or occupy Crown land.

**PLEASE RETAIN A COPY OF THIS APPLICATION FOR YOUR RECORDS**

**FOR OFFICE USE ONLY**

Date Received	Water File Number:
	Client Number:
	Application Number:
	Map Number:
	Fees Received:
	Receipt Number:



**NOTE:** Once you have completed this form, please refer to the **Application Completeness Checklist** at [http://www.lwbc.bc.ca/03water/licencing/application/docs/app\\_complete\\_cl.pdf](http://www.lwbc.bc.ca/03water/licencing/application/docs/app_complete_cl.pdf) for additional information that must be submitted with this application.

**PART 2. PLACE OF USE – LEGAL DESCRIPTION OF PROPERTY WHERE WATER IS TO BE USED**

PID #	Land description: <b>Crown Land (See attached Figures 1.1, 2.1, 4.1, 4.7 in Preliminary Project Definition Report)</b>
Civic address of the property:	
An applicant must have tenure to the land where water will be used. (Provide copies of Certificate of Title, Recent Tax Notice or Crown Land Tenure.)	
Are you the Registered Owner? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Lessee <input type="checkbox"/> Other <input type="checkbox"/>	

Do you hold another water licence(s)?  
Yes ☐ No ☒ If yes, state Licence Number: \_\_\_\_\_ File Number: \_\_\_\_\_ Client Number: \_\_\_\_\_

**PART 3. PURPOSE(S) AND QUANTITIES** – Please refer to Schedule 1 ([http://www.lwbc.bc.ca/01lwbc/leg/docs/fees\\_water.pdf](http://www.lwbc.bc.ca/01lwbc/leg/docs/fees_water.pdf)) – *Water Purpose and Application Fees*

<b>Domestic:</b>	<b>Other:</b>
Number of dwellings: _____	<b>Power Generation</b> _____ Quantity: <u>16</u> _____ Unit: <u>m<sup>3</sup>/s</u>
Quantity (m <sup>3</sup> per day or Gallons) _____	Quantity: _____ Unit: _____
<b>Irrigation:</b>	<b>Stockwatering:</b>
Quantity: _____ Unit: _____	Quantity: _____ Unit: _____
Number of acres to be irrigated: _____	Number of stock: _____ Type of stock: _____

**Note:** For Water Licence application with proposed diversion rate over 100 m<sup>3</sup> (25,000 gallons) a day, a Development Plan must be completed.

**PART 4. SOURCE OF WATER**

Name of Source: **Rogers Creek**  
If creek, brook or river, width and depth of source at diversion point: **20 m x 0.7 m**  
Flows into: **the Lillooet River**

**PART 5. WORKS – Existing or proposed to divert and convey water to place of use (works must be shown on drawing)**

<b>List Works</b> Intake structure, diversion weir, low and high pressure penstock			
a) Diversion Works	Pump <input type="checkbox"/> or Gravity Feed <input checked="" type="checkbox"/>	Length of pipe into a river or lake measured from the high water mark: _____ m or _____ ft	
b) Storage Works	Are any of the Works on Crown land? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Do you require storage? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If yes, complete and attach Schedule 2 - Dam & Reservoir Information <a href="http://www.lwbc.bc.ca/03water/licencing/application/docs/sched2.pdf">http://www.lwbc.bc.ca/03water/licencing/application/docs/sched2.pdf</a> List Storage Works: <b>Run of River Headpond</b>	Length of Works on Crown land: <b>See Figure 4.1, 4.7</b>	
c) Additional Information	Joint with another's Works? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If yes, with whom? Works constructed? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Partially <input type="checkbox"/> Use of a Joint Works Agreement is recommended if part or all of your proposed works will be shared with other water licence holder(s). Enclosed: Yes <input type="checkbox"/> No <input type="checkbox"/>		

**PART 6. OTHER LANDS PHYSICALLY AFFECTED BY WORKS**

Do or will the Works occupy or flood another person's private land? Yes	Do or will the Works occupy or flood Crown land? Yes
Landowner's Consent Form for private land affected	If Yes, PCL fee required with application
Enclosed: Yes <input type="checkbox"/> N/A <input checked="" type="checkbox"/> Could not obtain <input type="checkbox"/>	

If yes to either question, provide the legal description of land affected  
See Figure 4.7  
Name of Owner(s) including Crown land tenure holders  
See Figure 4.7

# WATER LICENCE APPLICATION DRAWING

APPLICANT'S DRAWING – Prepare a drawing to submit with your application.  
Refer to the required drawing standards for required elements.

See Fig 4.1






Scale: .....

Legend: .....

Point of Diversion ● .....

Pipe - - - - - .....

Pipe Over Crown land - - - - - .....

The boundaries of the land to which this licence is  
appurtenant are shown thus   

Land District: .....

Map: .....

Water District: .....

Applicant's Signature: .....

Date: .....

For Office use Only



**Applications for domestic water or small irrigation purposes  
(less than 6000m<sup>3</sup> (5 AF)/year)  
do not need to complete this information.**

In an effort to more fully appreciate the positive impacts of economic development for a wide variety of uses please provide the following information for your water licence application request:

<b>Capital Investment</b>	\$,21
---------------------------	-------

**Capital Investment** – Reflects the **expenditures** anticipated to be spent in the near future (next 3 years) including:

- Off-site and on-site services that are directly attributable to development related to the water licence (engineering, design, etc.)
- Construction costs directly related to the water licence (pumps, pipes, earthworks, labour, etc.)

<b>Permanent Jobs</b>	2
-----------------------	---

**Permanent Jobs** – Measure of the number of ongoing jobs created in the operating and maintenance of the ongoing water use. Use decimals where appropriate.

**Land and Water British Columbia Inc. requires this information before your water licence application can be processed.**



**SCHEDULE 2**  
**DAM & RESERVOIR INFORMATION**

**REQUIRED IN SUPPORT OF A WATER LICENCE APPLICATION FOR STORAGE PURPOSE**

**1. WATER LICENCE APPLICATION INFORMATION**

**FOR OFFICE USE ONLY**

**SURNAME**  
Hydromax Energy Ltd.

**GIVEN NAME(S)**  
Contact: Jim Gemmill, President

**Date Received**

<b>MAILING ADDRESS</b> 1790 - 1040 West Georgia Street Vancouver, BC		<b>POSTAL CODE</b> V6E 4H8
<b>E-MAIL ADDRESS</b> gemmill@eastonpower.com	<b>BUSINESS PHONE</b> 604 642 5700 (Mr. Jim Gemmill)	<b>FAX</b> 604 642 5706
<b>HOME PHONE</b>	<b>FILE NUMBER</b>	

**SOURCE(S) OF WATER (NAME OF STREAM WHERE WORKS ARE TO BE CONSTRUCTED)**

Rogers Creek

**PROJECT CONSULTANT**  
Knight Piesold Ltd.

◀ The Water Management Branch may recommend that the dam be designed by, and constructed under the supervision of, a Professional Engineer registered in the province of BC.

**MAILING ADDRESS**

Suite 1400 - 750 West Pender Street, Vancouver, British Columbia  
Contact Person: Mr. Samuel Mottram, P.Eng

<b>POSTAL CODE</b> V6C 2T8	<b>PHONE</b> 604 685 0543	<b>FAX</b> 604 685 0147
-------------------------------	------------------------------	----------------------------

**2. PROPOSED WORKS** Please Complete 1 or 2 where applicable to your project.

**IS THE DUGOUT CONSTRUCTED IN THE STREAM CHANNEL OR OFF STREAM? In Stream**

<b>1. DUGOUT/POND</b>	<b>STORAGE CAPACITY</b> 0 m <sup>3</sup> (live storage)	<b>LENGTH</b> Headpond approx. 40 m	<b>WIDTH</b> Headpond approx. 50 m	<b>MAX. DEPTH</b> 3 m
<b>2. DAM/RESERVOIR</b>	<b>NOTE: PLEASE ATTACH A DETAILED PLAN FOR (a) THROUGH (d) BELOW SHOWING CROSS SECTIONS AND PLAN VIEWS OF THE PROPOSED DAM/RESERVOIR STRUCTURE.</b>			
<b>a) STORAGE DAM</b>	<b>HEIGHT</b> Diversion weir approx. 3 m	<b>LENGTH</b> Diversion weir approx. 20 m	<b>CREST WIDTH</b> Earth embankment approx. 5 m	
	<b>TYPE OF CONSTRUCTION MATERIALS</b> Rubber dam with earth embankments			
	<b>STORAGE CAPACITY</b>	<b>dam<sup>3</sup></b> 2000 m <sup>3</sup>	<b>FLOODED AREA</b> approx. 0.5 ha	
<b>b) RESERVOIR</b>	Land tenure where works are to be constructed and/or flooded, owned by: See Figure 4.7 (Crown Land unless otherwise noted)			
<b>c) SPILLWAY</b>	<b>DESCRIPTION/TYPE:</b> Rubber Dam / Concrete Weir			
	<b>DESIGN FLOW</b>	1:200 year flood event	<b>FREEBOARD</b>	0.5 m
<b>d) LOW LEVEL OUTLET (SLUICeway)</b>	<b>DESCRIPTION/TYPE:</b> Outlet Pipe / Sluice Gate		<b>CONTROL WORKS USED</b> Orifice or Gate Controlled Outlet	

**3. STREAM HYDROLOGY FLOW INFORMATION**

- (i) If the stream is perennial or flows intermittently, please provide a low flow assessment (for filling and maintaining reservoirs) and a high flow assessment (for determining dam design flood) and/or a complete hydrological assessment in support of your application.
- (ii) If the stream flow is ephemeral in nature (i.e., flows only during wet periods or during spring runoff), please provide an estimate of the drainage areas above the dam or dugout location, an adequate summary of any measured stream flow information available and/or an estimate of high flows in support of your application.

Note: If you have any questions concerning the hydrology of your stream (source), please contact your local Water Management Office for more detailed information.

**4. FISH/POND PERMIT**

If you intend to place or maintain fish in your dugout or reservoir, you must obtain a Private Fish Pond permit or Commercial Fish Farm Licence. Please contact the nearest office of BC Environment's Fish and Wildlife Branch or the Ministry of Agriculture, Fisheries and Food for more information.

**NOTE: IF SPACE IS INSUFFICIENT, PLEASE ATTACH THE REQUESTED INFORMATION IN A COVERING LETTER OR REPORT**



REQUIRED IN SUPPORT OF A WATER LICENCE APPLICATION FOR POWER PURPOSE

1. WATER LICENCE APPLICATION INFORMATION				FOR OFFICE USE ONLY		
PURPOSE: Residential <input type="checkbox"/> Commercial <input type="checkbox"/> General <input checked="" type="checkbox"/>		GIVEN NAME(S)		Date Received		
SURNAME Hydromax Energy Ltd.		Contact: Mr. Jim Gemmill, President				
MAILING ADDRESS 1790 - 1040 West Georgia Street Vancouver, BC				POSTAL CODE		
E-MAIL ADDRESS gemmill@eatonpower.com		V6E 4H8				
HOME PHONE	BUSINESS PHONE	FAX	FILE NUMBER			
604 642 5700	604 642 5700	604 642 5706				
SOURCE(S) OF WATER (NAME OF STREAM WHERE WORKS ARE TO BE CONSTRUCTED) Rogers Creek						
PROJECT CONSULTANT (IF ANY) Knight Piesold Ltd.						
MAILING ADDRESS Suite 1400 - 750 West Pender Street, Vancouver, British Columbia						
Contact Person: Mr. Sam Moltam P.Eng		POSTAL CODE	PHONE	FAX		
		V6C 2T8	604 685 0543	604 685 0147		
<b>2. GENERAL PROJECT INFORMATION - Please complete entire section.</b>						
ANTICIPATED POWER PRODUCTION	MAXIMUM	15.1 MW	MINIMUM	1500 kw	AVERAGE	
MAXIMUM STREAM FLOW REQUIRED	FLOW RATE	16 m³/s				
POWER PRODUCED FOR	Indicate how the power will be used. Check all that apply.					
	a) PERSONAL USE <input type="checkbox"/> b) SALE TO OTHERS <input type="checkbox"/>		c) SALE TO BC HYDRO & POWER AUTHORITY <input checked="" type="checkbox"/> d) SALE TO OTHER POWER AUTHORITY <input type="checkbox"/>			
<b>3. PROPOSED WORKS - Please complete where applicable for your project.</b>						
a) STORAGE DAM	HEIGHT Diversion weir approx. 3 m	LENGTH approx. 40 m	TYPES OF CONSTRUCTION MATERIALS Reinforced Concrete & Earth Embankments			
b) RESERVOIR	STORAGE CAPACITY dam³ 2000 m³	FLOODED AREA approx. 0.5 ha	If a dam is incorporated please complete Schedule 2 - Dam & Reservoir Information.			
DESCRIPTION Reinforced concrete diversion weir with Coanda screens, reinforced concrete retaining walls, earth embankments, sediment trap, isolating gate						
FISH SCREENS Trash racks and/or other fish screens, if required						
OTHER FEATURES Bypass IFR, scour sluice gate, control house and equipment						
FLUME, PIPE, TUNNEL, ETC. - DESCRIPTION 1500 m HDPE LPC Pipe & 200 m Steel High Pressure Penstock						
d) PENSTOCK	LENGTH 1700 m	WIDTH/DIAMETER not yet designed	DEPTH (IF FLUME) N/A cm	PRESSURE RATING not yet designed		
	ELEVATIONS - UPPER END approx. 300 m (MSL)	ELEVATIONS - LOWER END approx. 120 m (MSL)	Elevations may be expressed as heights above the level of the turbine.			
e) TURBINE	TYPE Francis Turbines		RATING 2 x 7.55 MW			
f) GENERATION	TYPE Direct Coupled Synchronous		RATING 2 x 13.8 kV			
FEATURES Riprap lined channel tailrace with fish barrier						
DISCHARGES TO Rogers Creek						
g) TAILRACE						
STORAGE BATTERIES, ETC. - DESCRIPTION Batteries, HPU, MCC, Electrical Cabinets, etc.						
h) OTHER EQUIPMENT						



THIS PAGE MUST BE COMPLETED FOR ALL APPLICATIONS.

PLEASE READ THE LWBC APPLICATION FORM GUIDE WHEN COMPLETING THIS APPLICATION.

**PART 1 NAME(S) AND MAILING ADDRESS**

Client Name ☐ OR Company Name ☐ OR Society Name ☐

Hydromax Energy Limited

For applications made by more than one individual:

- ☐ Joint Tenants; or,  
☐ Tenants in Common

Your File Number (if applicable):

Contact Name of Agent (if applicable): Mr. Sam Mottram (Knight Piesold Consulting)

Letter of Agency attached (see Form Guide for additional information): Yes ☐ No ☐

BC Incorp. No., BC Registered No. or Society No.: BC0713262

GST Registration Number:

Age: 19 or over Yes ☒ No ☐

Canadian Citizen or Permanent Resident  
Yes ☒ No ☐

Mailing Address

1790-1040 West Georgia Street  
Vancouver, BC

Postal Code: V6E 4H8

E-mail Address gemmill@eatonpower.com

Home Phone

Business Phone  
(604) 642 5700 (Mr. Jim Gemmill)  
(604) 685 0543 (Mr. Sam Mottram)

Fax Number  
(604) 642 5706

Applicant /Agent's Signature(s)

Date

Please Enclose Appropriate fees (see Fee Schedule <http://www.lwbc.bc.ca/01lwbc/leg/fees.html>)

**NOTE:** Make cheque or money order payable to Land & Water British Columbia Inc.

**PLEASE RETAIN A COPY OF THIS APPLICATION FOR YOUR RECORDS**

**FOR OFFICE USE ONLY**

Land File Number:
Disposition ID:
Client No.:
Company Search (Date):
Postal Check (Date):
Fees Received:



**PART 2. LOCATION, AREA AND PURPOSE**

Project Name: Rogers Creek Hydroelectric Project

General Location of Crown land:

Please see attached Preliminary Project Definition Report (Figures 1.1, 2.1, 4.1, 4.7)

Area in Hectares:

 Permanent: 18 ha  
 Temporary: 685 ha  
 See Figure 4.7

Land Use Purpose:

Power Generation

Type of Tenure

- ☐ Investigative permit  
☐ Temporary permit  
☐ License  
☐ Lease  
☐ Statutory right-of-way  
☐ Purchase  
☒ Waterpower land tenure

Period of Occupation Required 50 Years

 Do you hold another Crown land tenure issued through LWBC? Yes ☐ No ☒

If yes, state Type and Tenure Number:

**PART 3. LEGAL OR BOUNDARY DESCRIPTION**

For surveyed land, give legal description. For unsurveyed land, see the Application Guidebook for instructions to describe unsurveyed Crown land and provide a description of boundaries.

Unsurveyed land – please see Fig 4.7 in Preliminary Project Definition Report

**NOTE:** Please refer to the LWBC Inc. Requirements Checklist for the specific program (e.g. Aggregates) for additional information that must be submitted with this application. Information on each program is available at: <http://www.lwbc.bc.ca/02land/tenuring/index.html> or contact your LWBC office (listed in the Application Guide).

The information you provide will be subject to the Freedom of Information and Protection of Privacy Act. If you have any questions regarding the treatment of your personal information by LWBC, please contact the Manager, Privacy, Information Access and Records Management at 250-952-6247.

In addition, the submission of this form does not in any manner convey any rights to use or occupy Crown land.

Pages 79 through 81 redacted for the following reasons:

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Not Responsive



## Application Form for Crown Land and Water Licence

Land and Water British Columbia Inc.'s (LWBC) Target Turnaround Time to a Decision, from the date of acceptance of your land tenure application by LWBC, is 140 days.

A 140 day Target Turnaround Time to a Decision for a Water Licence will be implemented for applications received after April 1, 2003.

PLEASE REFER TO THE LWBC APPLICATION FORM GUIDE WHEN COMPLETING THIS APPLICATION

Name(s) and Mailing Address			FOR OFFICE USE ONLY	
Surname	Given Name	Middle Name	*Joint Tenants <input type="checkbox"/>	<b>RECEIVED</b> Date Received: <b>DEC 20 2004</b> LAND & WATER BRITISH COLUMBIA CLIFF/FILE No. _____
			*Tenants in Common <input type="checkbox"/>	
Company Name <input checked="" type="checkbox"/> Society Name <input type="checkbox"/> <b>CLOUDWORKS ENERGY Inc.</b>			Incorporation No./ Society No. <b>BC0618367</b>	
Mailing Address <b>SUITE 403 1168 HAMILTON STREET</b> <b>VANCOUVER, BC</b>			Land File Number: Water File Number: 2002404 Applicant File Number:	
			Postal Code: <b>V6B 2S2</b>	*GST Registration Number: <b>862941044</b>
E-mail Address <b>cloudworks@cloudworksenergy.com</b>			*Canadian Citizen or Permanent Resident Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Home Phone ( )	Business Phone ( 604 ) 633-9990	Fax Number (604) 633-9991	*Age: 19 or over Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	

\*NOTE: Only applicable to land tenure applications under the *Land Act* (see **Appendix A**).

### Explanation of Appendix A and Appendix B

#### APPENDIX A – APPLICATION FOR CROWN LAND – *LAND ACT*

Please proceed to Appendix A and provide all requested information if Crown land is required.

#### APPENDIX B – APPLICATION FOR A WATER LICENCE – *WATER ACT*

Please proceed to Appendix B and provide all requested information if a water licence is required.

**Note:** If your proposed Works will affect Crown land (cross, occupy or flood), a Permit Over Crown Land (PCL) may be issued under the *Water Act*. It is necessary that you contact LWBC in order to determine the appropriate authorization



**Land and Water  
British Columbia Inc.**  
*A corporation of the government of British Columbia*

OFFICE USE ONLY	
Amount Received: \$	Receipt Number:
Land File Number:	

### APPENDIX A – APPLICATION FOR CROWN LAND – LAND ACT

**NOTE:** Once you have completed this form, please refer to the **Land and Water British Columbia Inc. Requirements Checklist** for the specific program (e.g., Aggregates) for additional information that must be submitted with this application. The programs are listed at [http://lwb.bc.ca/applying\\_for\\_land/online\\_application.htm](http://lwb.bc.ca/applying_for_land/online_application.htm).

#### Part 1. Location, Area and Purpose

Location of Crown land

**The land adjacent to the left shore of Gowan Creek between 1.5 km and 6 km up from its confluence with Lillooet River as well as the portion of land on the right shore of Livingstone Creek 2.3 up from its confluence with Lillooet River.**

Area in Hectares: 464 ha  
or km:

Intended land use and period of occupation required.

Type: lease ☒ purchase ☐ licence ☐ temporary permit ☐ statutory right-of-way ☐

**Water intakes structures in Gowan and Livingstone Creeks / Buried low pressure conduit and high pressure penstock / powerhouse and switchyard site / distribution powerline**

**Design life of 40 years**

Letter of Agency attached: Yes ☐ No ☒ (see Form Guide for additional information)

Do you hold another Crown land tenure?

Yes ☒ If yes, state Type and Tenure Number - Power General Douglas Creek Land Act Licence no. 238935

No ☐

#### Part 2. Legal or Boundary Description

A) If surveyed, give legal description

B) If unsurveyed, please see below for instructions to describe unsurveyed Crown land and provide a description of boundaries.

Point of Commencement: The left foreshore of Gowan Creek at a point 1137 metres upstream of its confluence with Lillooet River

Commencing at post planted

FNR-2012-00068



Pages 84 through 93 redacted for the following reasons:

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Not Responsive



*Land and Water  
British Columbia Inc.*  
A corporation of the government of British Columbia

Rogers Creek

## Application Form for Crown Land and Water Licence

Land and Water British Columbia Inc.'s (LWBC) Target Turnaround Time to a Decision, from the date of acceptance of your land tenure application by LWBC, is 140 days.

A 140 day Target Turnaround Time to a Decision for a Water Licence will be implemented for applications received after April 1, 2003.

PLEASE REFER TO THE LWBC APPLICATION FORM GUIDE WHEN COMPLETING THIS APPLICATION

Name(s) and Mailing Address			FOR OFFICE USE ONLY	
Surname	Given Name	Middle Name	*Joint Tenants <input type="checkbox"/>	<b>RECEIVED</b> DEC 20 2004 LAND & WATER BRITISH COLUMBIA CLIFF/FIELD NO. _____
			*Tenants in Common <input type="checkbox"/>	
Company Name <input checked="" type="checkbox"/> Society Name <input type="checkbox"/>		CLOUDWORKS ENERGY INC.	Incorporation No./ Society No. BC0618367	
Mailing Address SUITE 403 1168 HAMILTON STREET VANCOUVER, BC				
E-mail Address cloudworks@cloudworksenergy.com			Postal Code: V6B 2S2	Land File Number: Water File Number: 2002405 Applicant File Number: *GST Registration Number: 862941044 *Canadian Citizen or Permanent Resident Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Home Phone ( )	Business Phone (604) 633-9990	Fax Number (604) 633-9991	*Age: 19 or over Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	

\*NOTE: Only applicable to land tenure applications under the Land Act (see Appendix A).

### Explanation of Appendix A and Appendix B

#### APPENDIX A – APPLICATION FOR CROWN LAND – LAND ACT

Please proceed to Appendix A and provide all requested information if Crown land is required.

#### APPENDIX B – APPLICATION FOR A WATER LICENCE – WATER ACT

Please proceed to Appendix B and provide all requested information if a water licence is required.

**Note:** If your proposed Works will affect Crown land (cross, occupy or flood), a Permit Over Crown Land (PCL) may be issued under the Water Act. It is necessary that you contact LWBC in order to determine the appropriate authorization for occupying Crown land

File 2408813

MOE

WP File COPY

Applicant /Agent's Signature

Land Application Fee Enclosed ☒  
Water Application Fee Enclosed

Date  
December 10, 2004

PLEASE RETAIN A COPY OF THIS APPLICATION FOR YOUR RECORDS





**Land and Water**  
**British Columbia Inc.**

*A corporation of the government of British Columbia*

**OFFICE USE ONLY**

Amount Received: \$

Receipt Number:

Land File Number:

**APPENDIX A - APPLICATION FOR CROWN LAND - LAND ACT**

**NOTE:** Once you have completed this form, please refer to the **Land and Water British Columbia Inc. Requirements Checklist** for the specific program (e.g., Aggregates) for additional information that must be submitted with this application.  
The programs are listed at [http://lwbc.bc.ca/applying\\_for\\_land/online\\_application.htm](http://lwbc.bc.ca/applying_for_land/online_application.htm).

**Part 1. Location, Area and Purpose**

Location of Crown land

The land adjacent to the left shore of Rogers Creek between km 0.7 and km 7.2 as

measured from its confluence with Lillooet River.

Area in Hectares: 492 ha  
or km:

Intended land use and period of occupation required.

Type: lease ☒ purchase ☐ licence ☐ temporary permit ☐ statutory right-of-way ☐

Water intake structure in Rogers Creek / Buried low pressure conduit and high pressure penstock / powerhouse and  
switchyard site / distribution powerline

Design life of 40 years

Letter of Agency attached: Yes ☐ No ☒ (see Form Guide for additional information)

Do you hold another Crown land tenure?

Yes ☒ If yes, state Type and Tenure Number - Power General Douglas Creek Land Act Licence no. 238935

No ☐

**Part 2. Legal or Boundary Description**

A) If surveyed, give legal description

B) If unsurveyed, please see below for instructions to describe unsurveyed Crown land and provide a description of boundaries.

Point of Commencement: The left foreshore of Rogers Creek at a point 85 metres upstream from its confluence with Lillooet River

Commencing at post planted

Then 90 metres in an Az 325 degrees direction; then 6172 metres in an Az 10 degrees direction;

Then 753 metres in an Az 100 degrees direction; then 6923 metres in an Az 190 degrees direction;

Then 972 metres in an Az 325 degrees direction

Pages 96 through 119 redacted for the following reasons:

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Not Responsive





*Land and Water*  
**British Columbia Inc.**  
A corporation of the government of British Columbia

Snowcap Creek

## Application Form for Crown Land and Water Licence

Land and Water British Columbia Inc.'s (LWBC) Target Turnaround Time to a Decision, from the date of acceptance of your land tenure application by LWBC, is 140 days.

A 140 day Target Turnaround Time to a Decision for a Water Licence will be implemented for applications received after April 1, 2003.

PLEASE REFER TO THE LWBC APPLICATION FORM GUIDE WHEN COMPLETING THIS APPLICATION

Name(s) and Mailing Address				FOR OFFICE USE ONLY	
Surname	Given Name	Middle Name	*Joint Tenants <input type="checkbox"/>	<div>RECEIVED</div> <div>DEC 20 2004</div> <div>LAND &amp; WATER BRITISH COLUMBIA</div> <div>CLIFF/FILE No. _____</div>	
			*Tenants in Common <input type="checkbox"/>		
Company Name <input checked="" type="checkbox"/> Society Name <input type="checkbox"/> CLOUDWORKS ENERGY Inc.			Incorporation No./ Society No. BC0618367		
Mailing Address SUITE 403 1168 HAMILTON STREET VANCOUVER, BC					
			Postal Code: V6B 2S2	Land File Number: Water File Number: 2002401 Applicant File Number:	
E-mail Address cloudworks@cloudworksenenergy.com			*GST Registration Number: 862941044		
Home Phone ( )	Business Phone (604) 633-9990	Fax Number (604) 633-9991	*Age: 19 or over Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
			*Canadian Citizen or Permanent Resident Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		

\*NOTE: Only applicable to land tenure applications under the Land Act (see Appendix A).

### Explanation of Appendix A and Appendix B

#### APPENDIX A – APPLICATION FOR CROWN LAND – LAND ACT

Please proceed to Appendix A and provide all requested information if Crown land is required.

#### APPENDIX B – APPLICATION FOR A WATER LICENCE – WATER ACT

Please proceed to Appendix B and provide all requested information if a water licence is required.

Note: If your proposed Works will affect Crown land (cross, occupy or flood), a Permit Over Crown Land (PCL) may be issued under the Water Act. It is necessary that you contact LWBC in order to determine the appropriate authorization for occupying Crown land.

Applicant /Agent's Signature 	Land Application Fee Enclosed <input checked="" type="checkbox"/> Water Application Fee Enclosed <input type="checkbox"/>	Date December 10, 2004
----------------------------------	--	---------------------------

PLEASE RETAIN A COPY OF THIS APPLICATION FOR YOUR RECORDS



Amount Received: \$

Receipt Number:

Land File Number:

## APPENDIX A – APPLICATION FOR CROWN LAND – LAND ACT

**NOTE:** Once you have completed this form, please refer to the Land and Water British Columbia Inc. Requirements Checklist for the specific program (e.g., Aggregates) for additional information that must be submitted with this application. The programs are listed at [http://wdbc.bc.ca/applying\\_for\\_land/online\\_application.htm](http://wdbc.bc.ca/applying_for_land/online_application.htm).

### Part 1. Location, Area and Purpose

Location of Crown land

Area in Hectares: 251 ha  
or km:

The portion of Snowcap Creek approximately 5km from its confluence with Lillooet River straight line to a point approximately 500 metres from its confluence with Lillooet River comprising predominantly on underground works.

Intended land use and period of occupation required.

Type: lease ☒ purchase ☐ licence ☐ temporary permit ☐ statutory right-of-way ☐

Water diversion intake structure / Tunnel / Buried low pressure conduit and high pressure penstock / powerhouse and switchyard site / distribution powerline

Design life of 40 years

Letter of Agency attached: Yes ☐ No ☒ (see Form Guide for additional information)

Do you hold another Crown land tenure?

Yes ☒ If yes, state Type and Tenure Number - Power General Douglas Creek Land Act Licence no. 238935

No ☐

### Part 2. Legal or Boundary Description

A) If surveyed, give legal description

B) If unsurveyed, please see below for instructions to describe unsurveyed Crown land and provide a description of boundaries.

Point of Commencement: A point on the right foreshore of Snowcap Creek 256 metres up from its confluence with the Lillooet River  
Commencing at post planted

Then 443 metres in an Az 49 degrees direction; then 619 metres in an Az 141 degrees direction;  
Then 4053 metres in an Az 229 degrees direction; then 619 metres in an Az 321 degrees direction;  
Then 3610 metres in an Az 49 degrees direction.





Amount Received: \$

Receipt Number:

Land File Number:

**APPENDIX A – APPLICATION FOR CROWN LAND – LAND ACT**

**NOTE:** Once you have completed this form, please refer to the **Land and Water British Columbia Inc. Requirements Checklist** for the specific program (e.g., Aggregates) for additional information that must be submitted with this application. The programs are listed at [http://wdbc.bc.ca/applying\\_for\\_land/online\\_application.htm](http://wdbc.bc.ca/applying_for_land/online_application.htm).

**Part 1. Location, Area and Purpose**

Location of Crown land

Area in Hectares: 225 ha  
or km:

The portion of Snowcap Creek approximately 5km from its confluence with Lillooet River straight line to a point approximately 500 metres from its confluence with Lillooet River comprising predominantly on underground works.

Intended land use and period of occupation required.

Type: lease ☒ purchase ☐ licence ☐ temporary permit ☐ statutory right-of-way ☐

Water diversion intake structure / Tunnel / Buried low pressure conduit and high pressure penstock / powerhouse and switchyard site / distribution powerline

Design life of 40 years

Letter of Agency attached: Yes ☐ No ☒ (see Form Guide for additional information)

Do you hold another Crown land tenure?

Yes ☒ If yes, state Type and Tenure Number - Power General Douglas Creek Land Act Licence no. 238935

No ☐

**Part 2. Legal or Boundary Description**

A) If surveyed, give legal description

B) If unsurveyed, please see below for instructions to describe unsurveyed Crown land and provide a description of boundaries.

Point of Commencement: A point on the right foreshore of Snowcap Creek 350 metres up from its confluence with the Lillooet River  
Commencing at post planted

Then 600 metres in an Az 141 degrees direction; then 3600 metres in an Az 231 degrees direction;

Then 600 metres in an Az 321 degrees direction; then 3600 metres in an Az 51 degrees direction;





REQUIRED IN SUPPORT OF A WATER LICENCE APPLICATION FOR STORAGE PURPOSE

1. WATER LICENCE APPLICATION INFORMATION

FOR OFFICE USE ONLY

SURNAME  
CLOUDWORKS ENERGY INC

GIVEN NAME(S)

Date Received

MAILING ADDRESS  
SUITE 403 - 1168 HAMILTON STREET  
VANCOUVER, BC

POSTAL CODE V6B 2S2

E-MAIL ADDRESS cloudworks@cloudworksenery.com

HOME PHONE

BUSINESS PHONE

FAX

604-633-9990

604-633-9991

FILE NUMBER

SOURCE(S) OF WATER (NAME OF STREAM WHERE WORKS ARE TO BE CONSTRUCTED)  
SNOWCAP CREEK, A TRIBUTARY TO THE LILLOOET RIVER

PROJECT CONSULTANT N/A

The Water Management Branch may recommend that the dam be designed by, and constructed under the supervision of, a Professional Engineer registered in the province of BC.

MAILING ADDRESS

POSTAL CODE

PHONE

FAX

2. PROPOSED WORKS - Please Complete 1 or 2 where applicable to your project.

IS THE DUGOUT CONSTRUCTED IN THE STREAM CHANNEL OR OFF STREAM?

1. DUGOUT/POND	STORAGE CAPACITY	dam <sup>3</sup> or m <sup>3</sup>	LENGTH	m	WIDTH	m	MAXIMUM DEPTH	m
2. DAM/RESERVOIR	NOTE: PLEASE ATTACH A DETAILED PLAN FOR (a) THROUGH (d) BELOW SHOWING CROSS SECTIONS AND PLAN VIEWS OF THE PROPOSED DAM/RESERVOIR STRUCTURE.							
	HEIGHT	3.0 m	LENGTH	60.0 m	CREST WIDTH	4.0 m		
	TYPE OF CONSTRUCTION MATERIALS CONCRETE WITH RUBBER WEIR FOR DIVERSION							
a) STORAGE DAM	STORAGE CAPACITY	dam <sup>3</sup> 31,500 or m <sup>3</sup>	FLOODED AREA	2.3 ha				
b) RESERVOIR	Land tenure where works are to be constructed and/or flooded, owned by: Applicant <input type="checkbox"/> Private <input type="checkbox"/> Crown <input checked="" type="checkbox"/>							
	DESCRIPTION/TYPE RUBBER WEIR / OVERFLOW							
c) SPILLWAY	DESIGN FLOW	TO BE DETERMINED m <sup>3</sup> /s			FREEBOARD	1.5 m		
	DESCRIPTION/TYPE GATE							
d) LOW LEVEL OUTLET (SLUICeway)	NUMBER OF SEEPAGE COLLARS	N/A			CONTROL WORKS USED	GATES		

3. STREAM HYDROLOGY FLOW INFORMATION

- (i) If the stream is perennial or flows intermittently, please provide a low flow assessment (for filling and maintaining reservoirs) and a high flow assessment (for determining dam design flood) and/or a complete hydrological assessment in support of your application.
- (ii) If the stream flow is ephemeral in nature (i.e., flows only during wet periods or during spring runoff), please provide an estimate of the drainage areas above the dam or dugout location, an adequate summary of any measured stream flow information available and/or an estimate of high flows in support of your application.

Note: If you have any questions concerning the hydrology of your stream (source), please contact your local Water Management Office for more detailed information.

4. FISH POND PERMIT

If you intend to place or maintain fish in your dugout or reservoir, you must obtain a Private Fish Pond permit or Commercial Fish Farm Licence. Please contact the nearest office of BC Environment's Fish and Wildlife Branch or the Ministry of Agriculture, Fisheries and Food for more information.

NOTE: IF SPACE IS INSUFFICIENT, PLEASE ATTACH THE REQUESTED INFORMATION IN A COVERING LETTER OR REPORT



Pages 124 through 131 redacted for the following reasons:  
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Not Responsive



## Applying for a Crown Land Tenure ZZ CREEK

All applications must include completed application form, general location map, local detail map, appropriate fees and attachments as indicated below.

INFORMATION REGARDING APPLYING FOR CROWN LAND AVAILABLE AT  
[www.al.gov.bc.ca/clad/land\\_prog\\_services/programs.html](http://www.al.gov.bc.ca/clad/land_prog_services/programs.html)

### PART 1. NAME(S) AND MAILING ADDRESS

**Applicant Name:**

FULL LEGAL NAME of Individual(s), Company or Society,  
Ministry or Government Agency Your File: \_\_\_\_\_  
Chip Ventures Ltd.

**Contact Name for Company or Ministry Applicants:**

Alexi Zawadzki

**Applicant Mailing Address:**

\_\_\_\_\_, 3031 Armada Street, Coquitlam, BC,

\_\_\_\_\_ postal code : V3A 3S4

**Applicant Contact Numbers:**

Phone: 604-944-4517 Fax: 604-945-7558 \_\_\_\_\_

**Applicant Email Address:**

s.22

**For applications made by more than one individual:** ☐ Joint Tenants or ☐ Tenants in Common

For your information: Joint Tenants: on the death of one tenant the interest passes to surviving tenant.

Tenants in Common: on the death of one tenant the interest passes to the beneficiaries of the estate.

BC Inc. #, BC Registration # or Society #: BC0798474

GST Registration #:

Age: 19 or over ☒ Yes ☐ No

Canadian Citizen or Permanent Resident ☒ Yes ☐ No

Do you hold another Crown land tenure? ☐ Yes ☒ No If yes, provide File Number: \_\_\_\_\_

**Period of Projected Use:**

☐ Two years or less ☐ Two to five years ☐ Five to ten years ☐ Ten to thirty years ☒ More than thirty years

**Application Type:** ☐ new application

☒ replacement application – file number See attached letter \_\_\_\_\_

☐ investigative permit application ☐ amendment application – file number \_\_\_\_\_

Proposed Use/Tenure Type: (e.g. powerline right of way, gravel quarry licence): water power \_\_\_\_\_

### FOR OFFICE USE ONLY

(date/time received)  
**RECEIVED**

JAN 11 2008

File Number:

Project Number:

Disposition ID:

Client Number:

INTEGRATED LAND MANAGEMENT BUREAU  
Ministry of Agriculture and Lands  
Log No. ....18844 PA.....

#10,444.00-SYT.

@1:00pm



PLEASE SELECT APPROPRIATE PROPOSED LAND USE

Proposed Land Use Program Area	New Application Fees (including GST)	Program Specific Requirements Website
<input type="checkbox"/> Aggregates & Quarry	\$1,060.00	<a href="http://www.al.gov.bc.ca/clad/land_prog_services/programs.html">www.al.gov.bc.ca/clad/land_prog_services/programs.html</a>
<input type="checkbox"/> Agriculture – Intensive	\$ 265.00	<a href="http://www.al.gov.bc.ca/clad/land_prog_services/programs.html">www.al.gov.bc.ca/clad/land_prog_services/programs.html</a>
<input type="checkbox"/> Agriculture - Extensive	\$ 265.00	<a href="http://www.al.gov.bc.ca/clad/land_prog_services/programs.html">www.al.gov.bc.ca/clad/land_prog_services/programs.html</a>
<input type="checkbox"/> Airport – private	*\$50 per hour process time	Contact FrontCounter BC
<input type="checkbox"/> Alpine Skiing	Type 1 (minor) \$1,060.00 Type 2 (major) contact FrontCounter BC	<a href="http://www.isa.gov.bc.ca/resort_development/how_process_works/tenure_permits/tenure_permits.htm">www.isa.gov.bc.ca/resort_development/how_process_works/tenure_permits/tenure_permits.htm</a>
<input type="checkbox"/> Aquaculture – Fin fish	\$5,220.50	<a href="http://www.al.gov.bc.ca/clad/land_prog_services/programs.html">www.al.gov.bc.ca/clad/land_prog_services/programs.html</a>
<input type="checkbox"/> Aquaculture – Shellfish	\$1,272.00	<a href="http://www.al.gov.bc.ca/clad/land_prog_services/programs.html">www.al.gov.bc.ca/clad/land_prog_services/programs.html</a>
<input type="checkbox"/> Commercial - General	\$ 265.00	<a href="http://www.al.gov.bc.ca/clad/land_prog_services/programs.html">www.al.gov.bc.ca/clad/land_prog_services/programs.html</a>
<input type="checkbox"/> Commercial - Film	\$530.00 fee <u>plus</u> \$265.00 rental	<a href="http://www.al.gov.bc.ca/clad/land_prog_services/programs.html">www.al.gov.bc.ca/clad/land_prog_services/programs.html</a>
<input type="checkbox"/> Commercial Recreation	Non-Motorized \$265.00 Motorized \$3,498.00	<a href="http://www.isa.gov.bc.ca/adventure_tourism/">www.isa.gov.bc.ca/adventure_tourism/</a>
<input type="checkbox"/> Communication Site	\$1,060.00	<a href="http://www.al.gov.bc.ca/clad/land_prog_services/programs.html">www.al.gov.bc.ca/clad/land_prog_services/programs.html</a>
<input type="checkbox"/> Community/ Institutional	\$ 265.00	<a href="http://www.al.gov.bc.ca/clad/land_prog_services/programs.html">www.al.gov.bc.ca/clad/land_prog_services/programs.html</a>
<input type="checkbox"/> Federal Reserves	\$3,498.00	Federal Government Only – Contact FrontCounter BC
<input type="checkbox"/> Ferry Terminals	*\$50 per hour process time	<a href="http://www.al.gov.bc.ca/clad/land_prog_services/programs.html">www.al.gov.bc.ca/clad/land_prog_services/programs.html</a>
<input type="checkbox"/> General Industrial	\$ 530.00	<a href="http://www.al.gov.bc.ca/clad/land_prog_services/programs.html">www.al.gov.bc.ca/clad/land_prog_services/programs.html</a>
<input type="checkbox"/> Golf Course	\$3,498.00	<a href="http://www.al.gov.bc.ca/clad/land_prog_services/programs.html">www.al.gov.bc.ca/clad/land_prog_services/programs.html</a>
<input type="checkbox"/> Grazing	\$ 265.00	<a href="http://www.for.gov.bc.ca/hra/grazing/">http://www.for.gov.bc.ca/hra/grazing/</a>
<input type="checkbox"/> Head Lease	\$50 per hour process time	Contact FrontCounter BC
<input type="checkbox"/> Log Handling	\$1,060.00	<a href="http://www.al.gov.bc.ca/clad/land_prog_services/programs.html">www.al.gov.bc.ca/clad/land_prog_services/programs.html</a>
<input type="checkbox"/> Marina	\$ 530.00	<a href="http://www.al.gov.bc.ca/clad/land_prog_services/programs.html">www.al.gov.bc.ca/clad/land_prog_services/programs.html</a>
<input type="checkbox"/> Mining	\$ 530.00	<a href="http://www.al.gov.bc.ca/clad/land_prog_services/programs.html">www.al.gov.bc.ca/clad/land_prog_services/programs.html</a>
<input type="checkbox"/> Ocean Energy	Investigative Permit \$530.00 Licence for Equipment \$530.00	<a href="http://www.al.gov.bc.ca/clad/land_prog_services/programs.html">www.al.gov.bc.ca/clad/land_prog_services/programs.html</a>
<input type="checkbox"/> Oil and Gas	\$ 530.00	<a href="http://www.al.gov.bc.ca/clad/land_prog_services/programs.html">www.al.gov.bc.ca/clad/land_prog_services/programs.html</a>
<input type="checkbox"/> Private Moorage	\$ 265.00	<a href="http://www.al.gov.bc.ca/clad/land_prog_services/programs.html">www.al.gov.bc.ca/clad/land_prog_services/programs.html</a>
<input type="checkbox"/> Provincial Reserves	For Provincial Government Ministries Only	
<input type="checkbox"/> Utilities (Linear Use)	Less than 25 Km \$1,060.00 More than 25 Km *\$50 per hour	<a href="http://www.al.gov.bc.ca/clad/land_prog_services/programs.html">www.al.gov.bc.ca/clad/land_prog_services/programs.html</a>
<input type="checkbox"/> Residential	\$ 265.00	<a href="http://www.al.gov.bc.ca/clad/land_prog_services/programs.html">www.al.gov.bc.ca/clad/land_prog_services/programs.html</a>
<input type="checkbox"/> Roadways – Public	\$ 265.00	<a href="http://www.al.gov.bc.ca/clad/land_prog_services/programs.html">www.al.gov.bc.ca/clad/land_prog_services/programs.html</a>
<input type="checkbox"/> Roadways – Industrial	\$1,060.00	<a href="http://www.al.gov.bc.ca/clad/land_prog_services/programs.html">www.al.gov.bc.ca/clad/land_prog_services/programs.html</a>
<input checked="" type="checkbox"/> Water Power	\$3,498.00	<a href="http://www.al.gov.bc.ca/clad/land_prog_services/programs.html">www.al.gov.bc.ca/clad/land_prog_services/programs.html</a>
<input type="checkbox"/> Wind Power	Investigative Permit \$530.00 Monitoring Towers (max 5) \$530.00 Wind Farm *\$3,498.00	<a href="http://www.al.gov.bc.ca/clad/land_prog_services/programs.html">www.al.gov.bc.ca/clad/land_prog_services/programs.html</a>

**Note:** Investigative Permits (available for all program areas): **\$530.00** (including GST)

**Replacement Application Fees:** 50% of above fee or \$212.00 (including GST), as a minimum.

**Amendment Fees:** Contact FrontCounter BC

\* To be paid at a later date



## PART 2 (continued)

**General Location of Crown land** (i.e. distance from nearest community, Indian Reserve or significant geographic location such as a lake or mountain; location on a named road; etc.): \_\_\_\_\_

Please provide a shape file if available. **See attached maps of ZZ Creek.**

Area in Hectares: \_\_\_\_\_ **OR** length (km/m): \_\_\_\_\_ width (km/m): \_\_\_\_\_

## PART 3. LEGAL DESCRIPTION OR BOUNDARY DESCRIPTION

**If surveyed, give legal description:** as provided by the local Land Title Office (e.g., Lot 1 of Section 31, Township 12 W6M Kamloops Division of Yale District Plan 18411). A legal description is found in the Certificate of Title (CoFT). A copy of the CoFT must be attached to the application. A copy of your Registered Survey Plan, if available, will confirm the dimensions of the place of use.

\_\_\_\_\_

\_\_\_\_\_

**If unsurveyed:** enter description of unsurveyed Crown land and description of boundaries.

**See attached maps of ZZ Creek**

\_\_\_\_\_

\_\_\_\_\_

### Instructions to Describe Unsurveyed Crown Land

- The point of commencement, for unsurveyed parcels, should be described in terms of an existing survey post (e.g., 18 metres west of the S.E. corner of the parcel) or a readily identifiable geographic feature (e.g., a prominent point of land or intersection of two roads) to enable accurate location of the parcel.
  - Boundary lines of the area must be, as much as possible, astronomically true north, south, east and west so that a rectangular lot is formed.
  - Where the topographic features of the area do not allow for rectangular boundary lines running true north, south, east and west, then boundaries will be permitted in other directions as long as they do not interfere with the orderly survey of other surrounding land.
  - The side lines of small parcels fronting on lakes, rivers, tidal waters and on certain surveyed highways shall, where possible, be parallel to each other and perpendicular to the general trend of the features on which the small parcel fronts.
  - The sidelines for unsurveyed foreshore shall, as a general rule, be laid out at right angles to the general trend of the shore. This may be varied to suit special conditions, but encroachment on the foreshore fronting adjoining lands shall be avoided. The outside or waterward boundary shall be a straight line or series of straight lines joining the outer ends of the side boundaries. On narrow bodies of water the outside boundary shall not normally extend beyond the near edge of the navigable channel.
- 1 hectare = 2.471 acres  
1 metre = 3.281 feet  
100 metres x 100 metres = 10,000 square metres or 1 hectare



#### 4. APPLICATION CERTIFICATION

**All applications must be complete. Incomplete applications will be returned to applicant.**  
Please refer to the specific program requirements (e.g., Aggregates, Commercial, Residential) for information that must be submitted with this application.

All of the following **must** be attached to or enclosed with this application form:

- ☒ **Fees** (in the amount indicated in Part 2) to **Minister of Finance** (cheque or credit card authorization form attached or pay in person with debit card or cash)
- ☒ **General Location Map(s)** at a scale of 1:50,000 to 1:250,000 indicating general location of the area under application and the location of access roads, watercourses and other major landmarks.
- ☒ **Detailed Site Map(s)** outlining in detail the area under application, showing the exact perimeter boundaries of the application area including the dimensions (in metre) and area (ha), including watercourses, district lots etc.
- ☐ **Program Specific Requirements** (i.e. communication site, agriculture, industrial). Program specific requirements can be confirmed at [http://www.al.gov.bc.ca/clad/land\\_prog\\_services/programs.html](http://www.al.gov.bc.ca/clad/land_prog_services/programs.html)

**PLEASE NOTE:** Additional items may be required (e.g. Advertising, Security Deposit, Proof Of Insurance, Letter Of Consent). Please consult Program Policies or contact FrontCounter BC for further information.  
Some items may have additional associated costs or require additional processing time.

**Applicant or Agent signature(s):**



**Date: Jan 10, 2008**

**PLEASE RETAIN A COPY OF THIS APPLICATION FOR YOUR RECORDS**

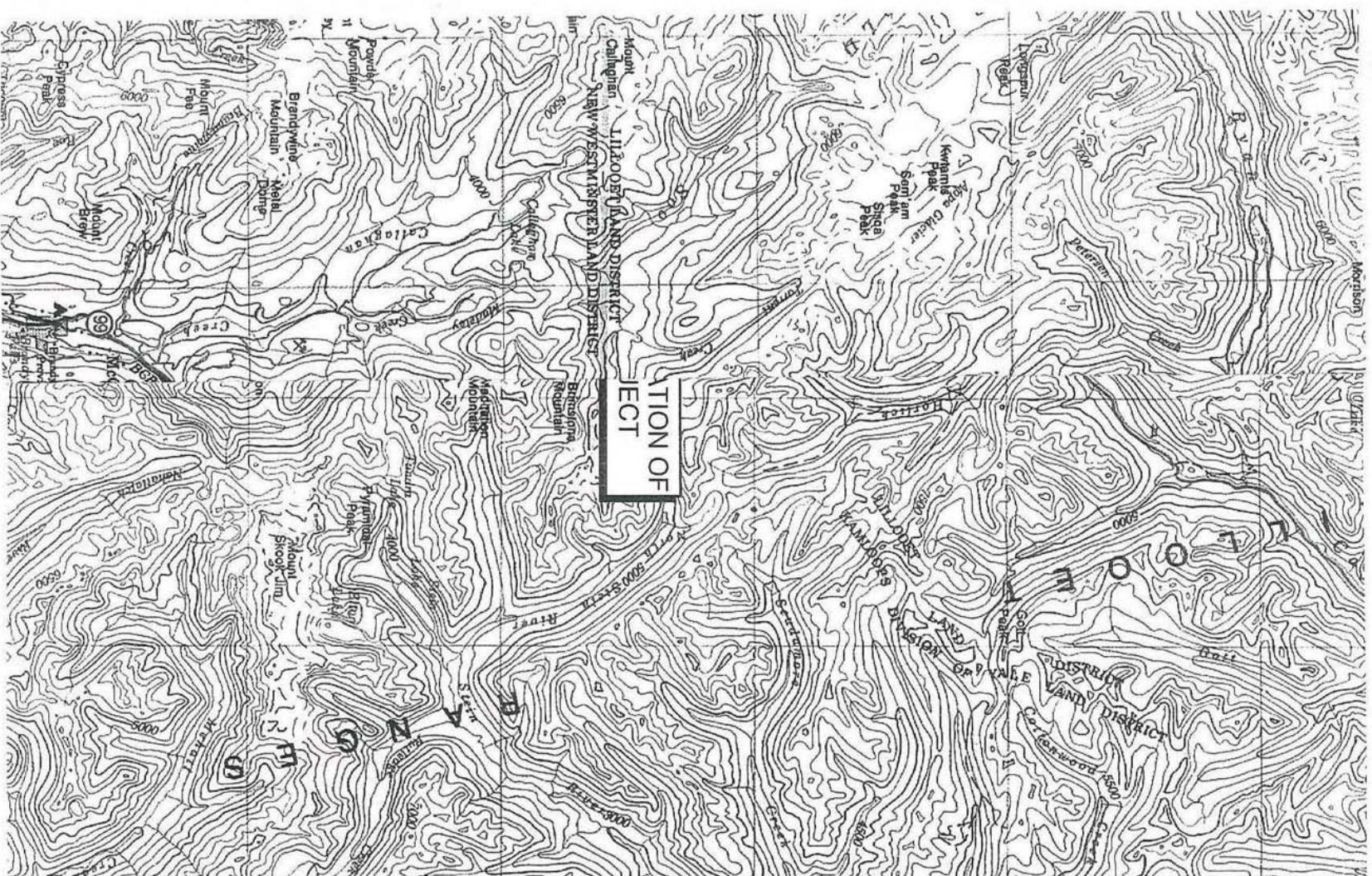
**NOTE:** The information you provide will be subject to the Freedom of Information and Protection of Privacy Act. If you have any questions regarding the treatment of your personal information, please contact the Manager, Privacy, Information Access and Records Management.

The submission of this form does not in any manner convey any rights to use or occupy Crown land.

**FRONTCOUNTER BC OFFICE LOCATIONS**  
**[www.frontcounterbc.gov.bc.ca](http://www.frontcounterbc.gov.bc.ca) OR Call Toll-Free 1-877-855-3222**

<b>Cranbrook</b> 1902 Theatre Road Cranbrook BC V1C 7G1	<b>Fort St. John</b> Ste 100, 10003 110 <sup>th</sup> Avenue Fort St John BC V1J 6M7	<b>Kamloops</b> Ste 210, 301 Victoria Street Kamloops BC V2C 2A3
<b>Nanaimo</b> Ste 142, 2080 Labieux Road Nanaimo BC V9T 6J9	<b>Prince George</b> Ste 200, 1488 Fourth Avenue Prince George BC V2L 4Y2	<b>Smithers</b> 1 <sup>st</sup> Floor, 3726 Alfred Avenue Smithers BC V0J 2N0
<b>Surrey</b> Ste 200, 10428 - 153 <sup>rd</sup> Street Surrey BC V3R 1E1	<b>Victoria</b> Ste G7, 1001 Douglas Street Victoria BC V8W 2C5	<b>Williams Lake</b> Ste 201, 172 North 2 <sup>nd</sup> Avenue Williams Lake BC V2G 1Z6





SOURCES : 9241, 1980 EDITION 2, ENERGY MINES & RESOURCES CANADA

## TOPOGRAPHIC MAP

FILE REFERENCE Z116490

574768 BC Ltd.

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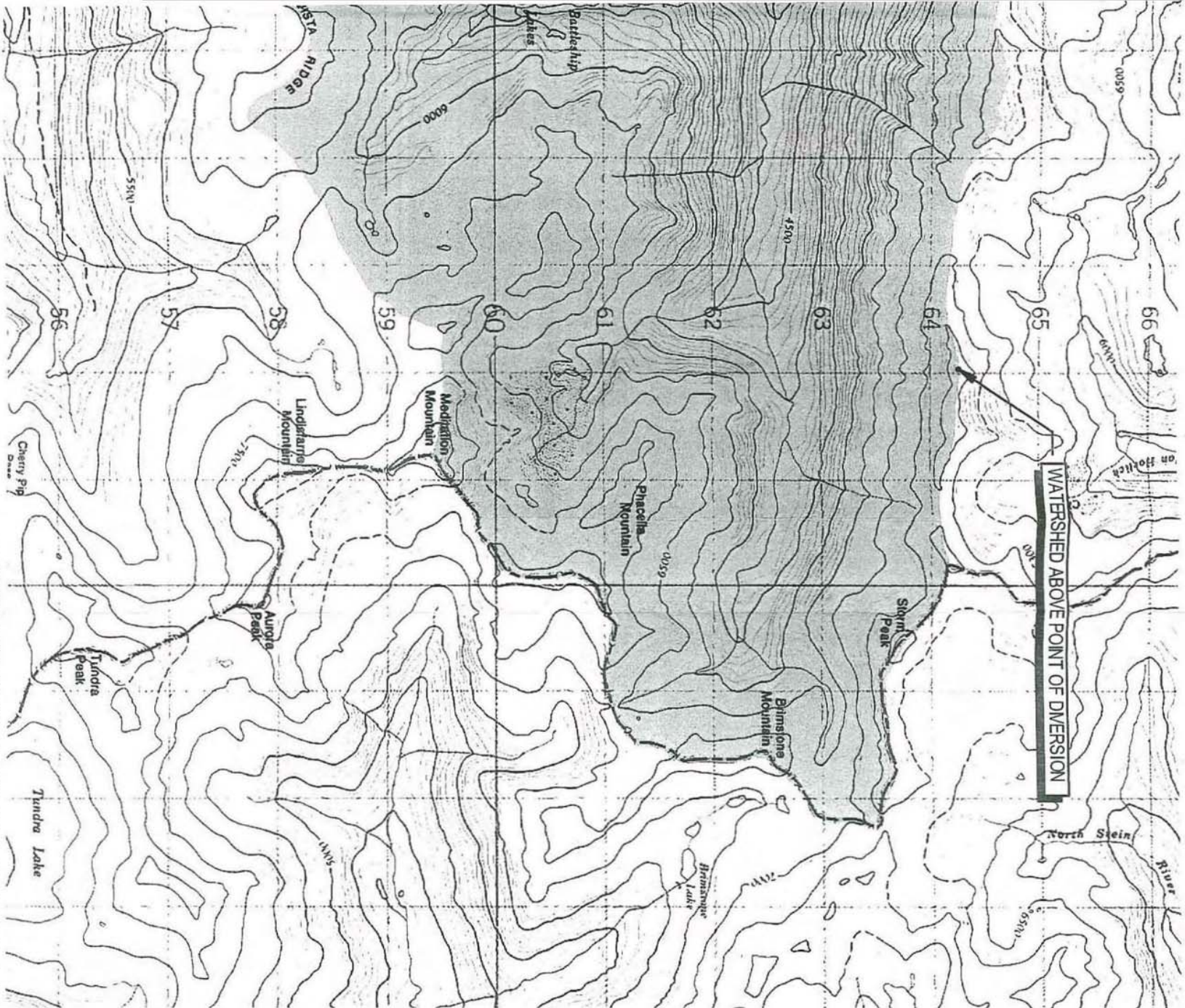
DATE 10/30/2003 SCALE

1:250,000 N.R. 2012 000661 1 OF 5









WATERSHED ABOVE POINT OF DIVERSION

MAP SOURCES : 92J1, 1980 EDITION 2, ENERGY MINES & RESOURCES CANADA

## TOPOGRAPHIC MAP

FILE REFERENCE Z116490 574768 BC Ltd.

DATE 10/30/2003 SCALE 1:50,000 SHEET 2 OF 5



Pages 139 through 141 redacted for the following reasons:  
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Not Responsive

# ZZ Creek Hydroelectric Project

Addendum to Water Licence Application

Application for Crown Land

Request for an Investigative Permit

**RECEIVED**

NOV 19 2003

LAND & WATER DIVISION VICTORIA

CLIFF FILE No. 03346PW



Water Licence : Z116490

Date: October 30, 2003



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1.0	Application Form for Crown Land and Water Licence
2.0	Appendix A - Application for Crown Land - Land Act
3.0	Economic Benefits Questionnaire for Development of Crown Land and Water
4.0	Request for Investigative Permit
5.0	Application Fees
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5.2	Alternative Power Projects
5.3	Investigative Permit
6.0	Maps and Plans of the Project
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6.3	Plans of the Works
6.3.1	Sheet 3
6.3.2	Sheet 4 - Intake
6.3.3	Sheet 5 - Powerhouse
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7.2	Proponent Identification
7.3	Project Description
7.4	Capacity of Project
7.5	Linkages with other Projects
7.6	Market for Electricity from Project
7.7	Schedule for Completion of Project

8.0 Certificate of Incorporation

Appendix

A - LWBC letter dated August 26, 2003



# 1.0 Application Form for Crown Land and Water Licence

## Application Form for Crown Land and Water Licence

Land and Water British Columbia Inc.'s (LWBC) Target Turnaround Time to a Decision, from the date of acceptance of your land tenure application by LWBC, is 140 days.

A 140 day Target Turnaround Time to a Decision for a Water Licence will be implemented for applications received after April 1, 2003.

PLEASE REFER TO THE LWBC APPLICATION FORM GUIDE WHEN COMPLETING THIS APPLICATION

Name(s) and Mailing Address			FOR OFFICE USE ONLY	
Surname <i>Lee</i>	Given Name <i>Mang</i>	Middle Name	*Joint Tenants <input type="checkbox"/>	<div style="text-align: center;"> <b>RECEIVED</b>  NOV 19 2003  LAND &amp; WATER BRITISH COLUMBIA  CLIFFFILE No. _____ </div>
Company Name <input checked="" type="checkbox"/> Society Name <input type="checkbox"/> <i>574768 BC Ltd.</i>			*Tenants in Common <input type="checkbox"/>	
BC Incorp. No., BC Registered No. or Society No.: <i>574768</i>				
Mailing Address  <i>186 - 6200 McKay Avenue Burnaby, B.C.</i>			Land File Number: Water File Number: Applicant File Number: *GST Registration Number:	
E-mail Address			Postal Code: <i>V5Y 4M9</i> *Canadian Citizen or Permanent Resident Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Home Phone ( )	Business Phone ( )	Fax Number ( )	*Age: 19 or over Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	

\*NOTE: Only applicable to land tenure applications under the *Land Act* (see Appendix A).

### Explanation of Appendix A and Appendix B

#### APPENDIX A – APPLICATION FOR CROWN LAND – LAND ACT

Please proceed to Appendix A and provide all requested information if Crown land is required.

#### APPENDIX B – APPLICATION FOR A WATER LICENCE – WATER ACT

Please proceed to Appendix B and provide all requested information if a water licence is required.

**Note:** If your proposed Works will affect Crown land (cross, occupy or flood), a Permit Over Crown Land (PCL) may be issued under the *Water Act*. It is necessary that you contact LWBC in order to determine the appropriate authorization for occupying Crown land.

Applicant/Agent's Signature  <i>[Signature]</i>	Land Application Fee Enclosed <input checked="" type="checkbox"/> Water Application Fee Enclosed <input type="checkbox"/>	Date  <i>November 14, 2003</i>
---	--	--------------------------------------

PLEASE RETAIN A COPY OF THIS APPLICATION FOR YOUR RECORDS



## 2.0 Appendix A

### Application for Crown Land - Land Act



**Land and Water  
British Columbia Inc.**  
*A corporation of the government of British Columbia*

FOR OFFICE USE ONLY	
Amount Received: \$	Receipt Number:
Land File Number:	

### APPENDIX A – APPLICATION FOR CROWN LAND – LAND ACT

**NOTE:** Once you have completed this form, please refer to the Land and Water British Columbia Inc. Requirements Checklist for the specific program (e.g., Aggregates) for additional information that must be submitted with this application. The programs are listed at [http://lwbc.bc.ca/applying\\_for\\_landonline\\_application.htm](http://lwbc.bc.ca/applying_for_landonline_application.htm).

#### Part 1. Location, Area and Purpose

Location of Crown land

Area in Hectares: \_\_\_\_\_  
or km: \_\_\_\_\_

*In the vicinity of an unnamed (ZZ) Creek about 27 km southeast of Pemberton  
See attached Sheets 1 and 2 for location information*

*See attached Sheet 3*

Intended land use and period of occupation required.

Type: lease ☐ purchase ☐ licence ☐ temporary permit ☐ statutory right-of-way ☐

*Please reference attached Sheets 3*

Letter of Agency attached: Yes ☐ No ☒ (see Form Guide for additional information)

Do you hold another Crown land tenure?

Yes ☐ If yes, state Type and Tenure Number

No ☒

#### Part 2. Legal or Boundary Description

A) If surveyed, give legal description

B) If unsurveyed, please see below for instructions to describe unsurveyed Crown land and provide a description of boundaries.

*Please refer to attached Sheet 3*

Point of Commencement: \_\_\_\_\_

Commencing at post planted

Then \_\_\_\_\_ metres in a \_\_\_\_\_ direction; then \_\_\_\_\_ metres in a \_\_\_\_\_ direction;  
then \_\_\_\_\_ metres in a \_\_\_\_\_ direction; then \_\_\_\_\_ metres in a \_\_\_\_\_ direction.

**NOTE:** Make cheque or money order payable to Land & Water British Columbia Inc. A separate cheque or money order is required if applying for a Water Licence.



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**Land and Water  
British Columbia Inc.**

*A corporation of the government of British Columbia*

Updated August 8, 2003

## **Economic Benefits for Water Licence Applications**

**Applications for domestic water or small irrigation purposes (less than 5 AF/year do not need to complete this information.**

In an effort to more fully appreciate the positive impacts of economic development for a wide variety of uses please provide the following information for your water licence application request:

<b>Capital Investment</b>	<b>\$</b>	s.21
---------------------------	-----------	------

**Capital Investment** – Reflects the **expenditures** anticipated to be spent in the near future (next 3 years) including:

- Off-site and on-site services that are directly attributable to development related to the water licence (engineering, design, etc.)
- Construction costs directly related to the water licence (pumps, pipes, earthworks, labour, etc.)

<b>Permanent Jobs</b>	1
-----------------------	---

**Permanent Jobs** – Measure of the number of ongoing jobs created in the operating and maintenance of the ongoing water use. Decimals are fine where appropriate.

**Land and Water British Columbia Inc. requires the economic benefit information requested above before your water licence application can be processed.**



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*Land and Water*  
**British Columbia Inc.**  
*A corporation of the government of British Columbia*

LAND TENURE PURPOSE AND  
APPLICATION FEES  
(effective June 1, 2003)

**APPLICATION FEES ARE DUE WHEN THE APPLICATION IS SUBMITTED**  
**(Note: Items indicated with \* are billed at a later date)**  
**(GST included where applicable)**

**APPLICATION FEES**

**AGRICULTURE**

Application fee (\$250.00 + GST) ..... \$267.50

**AIRPORT**

\*Application fee ..... \$50.00/hr + GST of staff time  
..... minimum fee \$25.00 + GST

**ALPINE SKIING**

Type 1 minor operation (\$1,000.00 + GST) ..... \$1,070.00  
\*Type 2 major operation ..... \$50.00/hr + GST of staff time  
..... minimum fee \$25.00 + GST

**ALTERNATIVE POWER PROJECTS**

Includes water and wind power  
Application fee (\$3,300.00 + GST) ..... \$3,531.00

**AQUACULTURE (Shellfish and Finfish)**

Application fee (\$4,925.00 + GST) ..... \$5,269.75

**COMMERCIAL RECREATION**

Non-mechanized uses (\$250.00 + GST) ..... \$267.50  
Mechanized uses:  
• Up to and including October 31, 2003 (\$250.00 + GST) ..... \$267.50  
• On and after November 1, 2003 (\$3,300.00 + GST) ..... \$3,531.00

**COMMUNICATION SITE**

Application fee (\$1,000.00 + GST) ..... \$1,070.00

**ENERGY AND MINING**

Excludes alternative power projects  
Application fee (\$500.00 + GST) ..... \$535.00

**FEDERAL RESERVES/TRANSFERS**

Application fee (\$3,300.00 + GST) ..... \$3,531.00

**FERRY TERMINALS**

Other than general commercial or general industrial use  
\*Application fee ..... \$50.00/hr + GST of staff time  
..... minimum fee \$25.00 + GST

**FILM PRODUCTION**

Application fee (\$500.00 + GST) ..... \$535.00

**GENERAL COMMERCIAL**

Excluding film production, marinas, golf courses  
Application fee (\$250.00 + GST) ..... \$267.50

**GENERAL INDUSTRIAL**

Excludes log handling, quarrying, energy and mining  
Application fee (\$500.00 + GST) ..... \$535.00

**GOLF COURSE**

Application fee (\$3,300.00 + GST) ..... \$3,531.00

**GRAZING**

Application fee (\$250.00 + GST) ..... \$267.50

**HEAD LEASES**

\*Application fee ..... \$50.00/hr + GST of staff time  
..... minimum fee \$25.00 + GST

**INSTITUTIONAL AND COMMUNITY**

Application fee (\$250.00 + GST) ..... \$267.50

**INVESTIGATIVE PERMITS**

Application fee (\$500.00 + GST) ..... \$535.00

**LOG HANDLING**

Application fee (\$1,000.00 + GST) ..... \$1,070.00

**MARINA**

Application fee (\$500.00 + GST) ..... \$535.00

**PRIVATE MOORAGE**

Application fee (\$250.00 + GST) ..... \$267.50

**PUBLIC AND PRIVATE UTILITIES**

Linear utilities less than 25 km long  
Application fee (\$1,000.00 + GST) ..... \$1,070.00

Linear utilities 25 km or longer

\*Application fee ..... \$50.00/hr + GST of staff time  
..... minimum fee \$25.00 + GST

**QUARRYING (Aggregates)**

Application fee (\$1,000.00 + GST) ..... \$1,070.00

**RESIDENTIAL**

Application fee (\$250.00 + GST) ..... \$267.50

**TRANSPORTATION/ROADWAYS**

Public use, excluding ferry terminals and airports  
Application fee (\$250.00 + GST) ..... \$267.50

Industrial use or private use, excludes ferry terminals  
and airports (\$1,000.00 + GST) ..... \$1,070.00

**REPLACEMENT OF TENURE**

50% of application fee or \$214.00 (\$200.00 + GST) whichever is more

(updated May 30, 2003)



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## 6.0 Plans and Maps of the Project

### 6.1 General Location Map

#### 6.1.1 Sheet 1

### 6.2 Topographic Maps

#### 6.2.1 Sheet 2

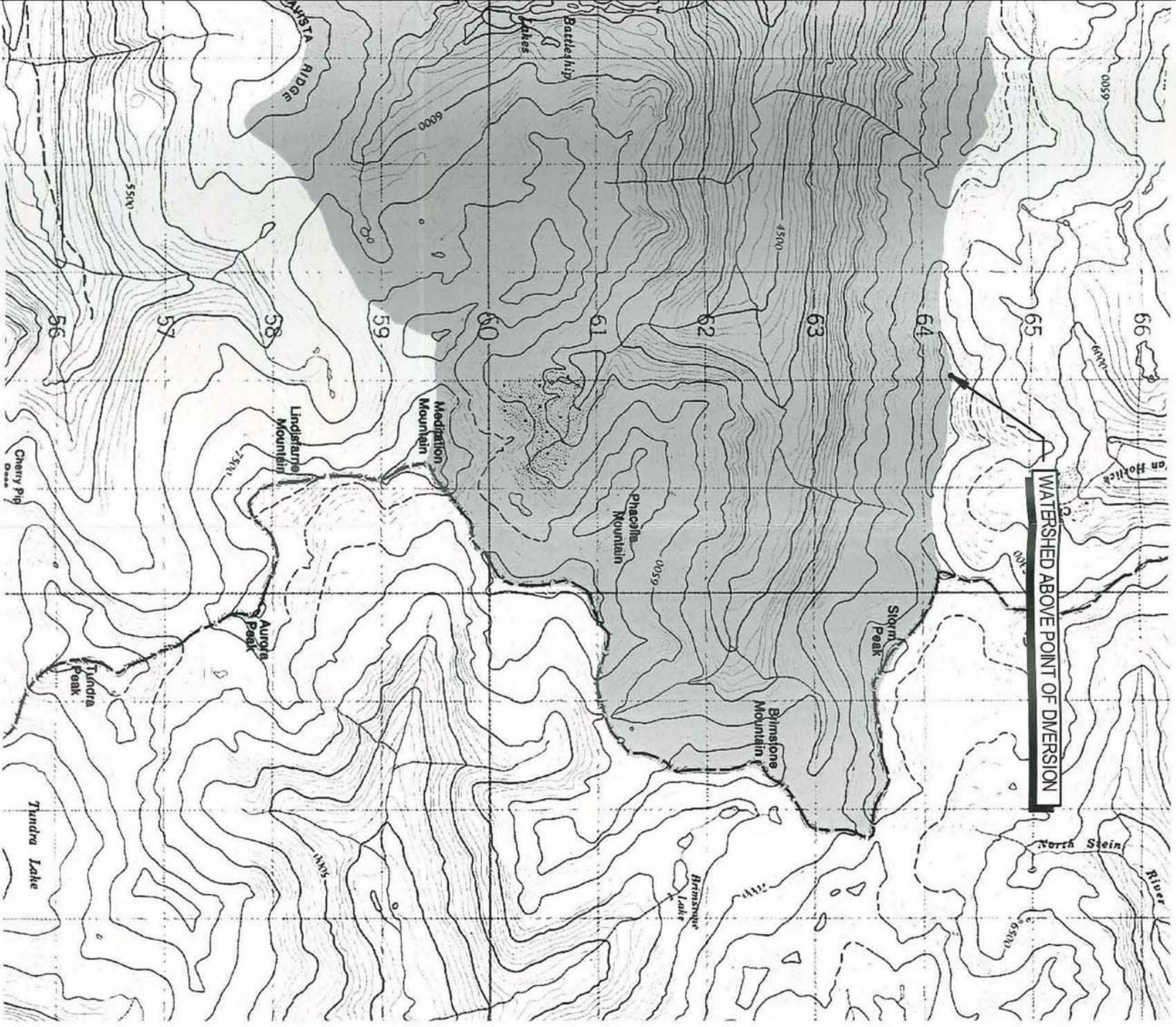
### 6.3 Plans of the Works

#### 6.3.1 Sheet 3

#### 6.3.2 Sheet 4 - Intake

#### 6.3.3 Sheet 5 - Powerhouse





WATERSHED ABOVE POINT OF DIVERSION

MAP SOURCES : 92J1, 1980 EDITION 2, ENERGY MINES & RESOURCES CANADA

# TOPOGRAPHIC MAP

FILE REFERENCE Z116490 574768 BC Ltd.

DATE 10/30/2003 SCALE 1:50,000 Page 160 SHEET 2 OF 5

TNR-2012-00000

## 6.1 General Location Map

6.1.1 Sheet 1







Pages 163 through 181 redacted for the following reasons:  
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THIS PAGE MUST BE COMPLETED FOR ALL APPLICATIONS.  
PLEASE READ THE **APPLICATION FORM GUIDE** WHEN COMPLETING THIS APPLICATION.

## PART 1. NAME(S) AND MAILING ADDRESS

Client Name ☐ OR Company Name ☒ OR Society Name ☐

**Creek Power Inc.**

For applications made by more than one individual:

- ☐ Joint Tenants; or,  
☐ Tenants in Common

Your File Number (if applicable):  
**2409205 (Lizzie Creek)**

Contact Name of Agent (if applicable): **Scott Lyons**

Letter of Agency attached (see Form Guide for additional information): Yes ☐ No ☒

BC Incorp. No., BC Registered No. or Society No.: **626921**

GST Registration Number: **87413 1410 RT0001**

Age: 19 or over Yes ☒ No ☐

Canadian Citizen or Permanent Resident Yes ☒ No ☐

Mailing Address

**1200 - 1067 West Cordova Street  
Vancouver, B.C.**

Postal Code: **V6C 1C7**

E-mail Address **kelly.boychuk@ledcor.com**

Home Phone Business Phone  
( ) (604) 699 2859

Fax Number  
(604) 646 2481

Applicant /Agent's Signature(s)



Date

*March 7/07*

Please Enclose Appropriate fees (see Fee Schedule <http://www.lwbc.bc.ca/01lwbc/leg/fees.html>)

**NOTE: Make cheque or money order payable to the Minister of Finance.**

**PLEASE RETAIN A COPY OF THIS APPLICATION FOR YOUR RECORDS**

FOR OFFICE USE ONLY

RECEIVED

MAR 14 2007

INTEGRATED LAND MANAGEMENT BUREAU  
Ministry of Agriculture and Lands  
Log No. *12413*

s.21

Land File Number:
Disposition ID:
Client No.:
Company Search (Date):
Postal Check (Date):
Fees Received:

# Applying for a Crown Land Tenure

## PART 2. LOCATION, AREA AND PURPOSE

General Location of Crown land

**At Lizzie Creek, approximately 30 km southeast of Pemberton, east of Lillooet Lake.**

Area in Hectares: **20.5**

or length (km/m): \_\_\_\_\_  
width (km/m): \_\_\_\_\_

Land Use Purpose:

### WATERPOWER PROJECT

#### Type of Tenure

- ☐ Investigative permit
- ☐ Temporary permit
- ☐ License
- ☐ Lease
- ☐ Statutory right-of-way
- ☐ Purchase
- ☒ Waterpower land tenure

Period of Occupation Required **40 years**

Do you hold another Crown land tenure? Yes ☒ No ☐

If yes, state Type and Tenure Number:

Land Tenure application No. 2409205 (originally applied under Ledcor Power Inc.)

## PART 3. LEGAL OR BOUNDARY DESCRIPTION

For **surveyed** land, give legal description. For **unsurveyed** land, see the Application Guidebook for instructions to describe unsurveyed Crown land and provide a description of boundaries.

**See attached drawing Figure 9 Lizzie Creek Hydroelectric Project Crown Land Application Area**

**NOTE:** Please refer to the Requirements Checklist for the specific program (e.g., Aggregates) for additional information that must be submitted with this application.

The information you provide will be subject to the Freedom of Information and Protection of Privacy Act. If you have any questions regarding the treatment of your personal information, please contact the Manager, Privacy, Information Access and Records Management.

In addition, the submission of this form does not in any manner convey any rights to use or occupy Crown land.



Pages 184 through 195 redacted for the following reasons:  
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