



Applying for a Crown Land Tenure

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

PART 1. NAME(S) AND MAILING ADDRESS

Applicant Name:

FULL LEGAL NAME of Individual(s), Company or Society,
 Ministry or Government Agency Your File: _____
 Van Inlet Hydro Corp. _____

Contact Name for Company or Ministry Applicants:
 George Henry Pattison _____

Applicant Mailing Address:

P.O. Box 508 Queen Charlotte B.C. _____
 _____ postal code V0T 1S0 _____

Applicant Contact Numbers: Phone: (250) 559 - 4207 _____
 Daytime Phone: (250) 559 - 4207 Fax: (250) 559 - 8623 _____

Applicant Email Address:

georgehpattison@yahoo.ca _____

Are you an Agent submitting this application
 on behalf of your client?

☐ Yes ☒ No

Letter of Agency attached ☐ Yes ☐ No

Agent Name & Mailing Address:

 _____ postal code _____

Agent Contact Numbers:

Phone: _____ Fax: _____

Agent Email Address:

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 #: BC0746802

GST Registration #: 13995 2451 RT0001

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 _____
☒ 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
 MAY 13 2013

Ministry of Forests, Lands and
 Natural Resource Operations
 West Coast Region

File Number:

24910271

Disposition ID:

908489

Project Number:

110023

Client Number:

211494

PART 2. PURPOSE, LOCATION, AREA

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	\$1,050.00	for.gov.bc.ca/land Tenures/tenure_programs/programs/aggregates/index.html
<input type="checkbox"/> Agriculture – Intensive	\$ 262.50	for.gov.bc.ca/land Tenures/tenure_programs/programs/agriculturein/index.html
<input type="checkbox"/> Agriculture – Extensive	\$ 262.50	for.gov.bc.ca/land Tenures/tenure_programs/programs/agricultureex/index.html
<input type="checkbox"/> Airport – private	*\$50 per hour process time	Contact FrontCounter BC
<input type="checkbox"/> Alpine Skiing	Type 1 (minor) \$1,050.00 Type 2 (major) contact FrontCounter BC	resort development/how process works/tenure permits/allocation by proposal.htm
<input type="checkbox"/> Aquaculture – Fin fish	\$5,171.25	for.gov.bc.ca/land Tenures/tenure_programs/programs/aquaculture/index.html
<input type="checkbox"/> Aquaculture – Shellfish	\$1,260.00	for.gov.bc.ca/land Tenures/tenure_programs/programs/aquaculture/index.html
Clean Energy - <input checked="" type="checkbox"/> Waterpower	Investigative licence...\$525.00 OR Investigative Permit ...\$525.00 Wind Meteorological tower\$525.00 Project\$3,465.00	http://www.env.gov.bc.ca/wad/water_rights/waterpower/index.html http://www.for.gov.bc.ca/land_tenures/tenure_programs/programs/windpower/index.html http://www.for.gov.bc.ca/land_tenures/tenure_programs/programs/oceanenergy/index.html
<input type="checkbox"/> Wind Power		
<input type="checkbox"/> Ocean Energy		
<input type="checkbox"/> Commercial - General	\$ 262.50	for.gov.bc.ca/land Tenures/tenure_programs/programs/generalcommercial/index.html
<input type="checkbox"/> Commercial - Film	\$525.00	for.gov.bc.ca/land Tenures/tenure_programs/programs/film/index.html
<input type="checkbox"/> Adventure Tourism	Non-Motorized \$262.50 Motorized \$3,465.00	for.gov.bc.ca/land Tenures/tenure_programs/programs/adventure_tourism/index.html
<input type="checkbox"/> Communication Site	\$1,050.00	for.gov.bc.ca/land Tenures/tenure_programs/programs/communicationsites/index.html
<input type="checkbox"/> Community/ Institutional	\$ 262.50	for.gov.bc.ca/land Tenures/tenure_programs/programs/community/index.html
<input type="checkbox"/> Federal Reserves	\$3,465.00	Federal Government Only – Contact FrontCounter BC
<input type="checkbox"/> Ferry Terminals	*\$50 per hour process time	
<input type="checkbox"/> General Industrial	\$ 525.00	for.gov.bc.ca/land Tenures/tenure_programs/programs/generalindustrial/index.html
<input type="checkbox"/> Golf Course	\$3,465.00	for.gov.bc.ca/land Tenures/tenure_programs/programs/golfcourses/index.html
<input type="checkbox"/> Grazing	\$ 262.50	for.gov.bc.ca/hra/Legislation/grazing.htm
<input type="checkbox"/> Head Lease	\$50 per hour process time	Contact FrontCounter BC
<input type="checkbox"/> Log Handling	\$1,050.00	for.gov.bc.ca/land Tenures/tenure_programs/programs/loghandling/index.html
<input type="checkbox"/> Marina	\$ 525.00	for.gov.bc.ca/land Tenures/tenure_programs/programs/marinas/index.html
<input type="checkbox"/> Mining	\$ 525.00	for.gov.bc.ca/land Tenures/tenure_programs/programs/mining/index.html
<input type="checkbox"/> Oil and Gas	\$ 525.00	for.gov.bc.ca/land Tenures/tenure_programs/programs/oil_gas/index.html
<input type="checkbox"/> Private Moorage	\$ 262.50	for.gov.bc.ca/land Tenures/tenure_programs/programs/privatemoorage/index.html
<input type="checkbox"/> Provincial Reserves		For Provincial Government Ministries Only
<input type="checkbox"/> Utilities (Linear Use)	Less than 25 Km \$1,050.00 More than 25 Km *\$50 per hour Access to single lot \$262.50	for.gov.bc.ca/land Tenures/tenure_programs/programs/utilities/index.html
<input type="checkbox"/> Residential	\$ 262.50	for.gov.bc.ca/land Tenures/tenure_programs/programs/residential/index.html
<input type="checkbox"/> Roadways – Public	\$ 262.50	for.gov.bc.ca/land Tenures/tenure_programs/programs/roadways/index.html
<input type="checkbox"/> Roadways – Industrial	\$1,050.00	for.gov.bc.ca/land Tenures/tenure_programs/programs/roadways/index.html
Note: Investigative Permits (available for all program areas): \$525.00 (including GST) Replacement Application Fees: 50% of above fee or \$210.00 (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.):

Clapp Basin, Rennel Sound, Graham Island, Queen Charlotte Islands B.C. _____

Please provide a shape file if available.

Area in Hectares: 49.2 ^{intake/powerhouse} OR length (km/m): _____ width (km/m): _____ Total area = 219.84 ha

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 (CoT). A copy of the CoT must be attached to the application. A copy of your Registered Survey Plan, if available, will confirm the dimensions of the place of use.

Commencing at a post planted at 53°17'26"N, 132°25'34"W", then progressing easterly for 311 meters, then southerly for 1491 meters then westerly for 311 meters, then northerly for 1491 meters to the POC.

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

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 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 boundary of the application area including the dimensions (in metre) and area (ha), including watercourses, district boundaries and other features.

☐ **Program Specific Requirements** (i.e. communication site, agriculture, industrial, aquaculture).

Program specific requirements can be confirmed at

http://www.for.gov.bc.ca/Land_Tenures/crown_land_application_information/program_areas.html

PLEASE NOTE: Additional items may be required (e.g. Advertising, Security Deposit, Proof Of 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):

George H. Pattison

Date:

May 13, 2013

**PLEASE RETAIN A COPY OF THIS APPLICATION FOR YOUR RECORDS
- APPLICATIONS ARE NOT TRANSFERABLE -**

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 and Records Management.

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

Application Requirements for a Clean Energy Investigative Licence

Investigative Plan for Clapp Basin Head Creek Hydro Project

The Application and any subsequent requests for replacement for the Investigative Licence (IL) on the area noted in the application is for the sole purpose of investigating the viability of hydro resources to evaluate the potential for future development and generation of energy from Clapp Basin Head Creek.

Section A: Project Overview for Investigative Stage

Clapp Basin Head Creek is located in the Rennell Sound Region near the Village of Queen Charlotte, BC.

If a Clean Energy project results from work done in the investigative phase, the project may be between 2.5 and 4.5 MW and have a powerhouse, intake, penstock, switch yard, tailrace, access road, barge landing site and power line. The site will occupy 46.4 ha.

During the investigative phase, access to the site will be achieved by driving to Rennell Sound on the forestry roads, boating across Shields Bay, and then walking to the site.

The proposed location of any improvements is shown on the accompanying map by a P. Prior to any changes being made with or to Improvements we will notify the Authorizing Agency as soon as the information is known by us to maintain the tenure in good standing.

The proposed location of any activities, such as a quarrying or drilling, is identified on the accompanying map with text identifying what types of activities are contemplated.

The proposed location of works is Clapp Basin Head Creek and is identified on the accompanying maps with a W. The anticipated transmission line is shown on the accompanying map as a green line and point of interconnection to the BC Hydro grid is identified with a T. As well, the proposed water source and tributaries are shown in blue.

Section B: Maps of Area

As required by the application form a General Location map at a scale of 1:50,000 to 1:250,000 and a Detailed Site Map at a scale of between 1:10,000 to 1:20,000 are attached.

- | | |
|--------|-------------------------------|
| Map 1) | Detailed Site Map |
| Map 2) | General Location Map |
| Map 3) | Detail of point of connection |

Section C Investigative Schedule

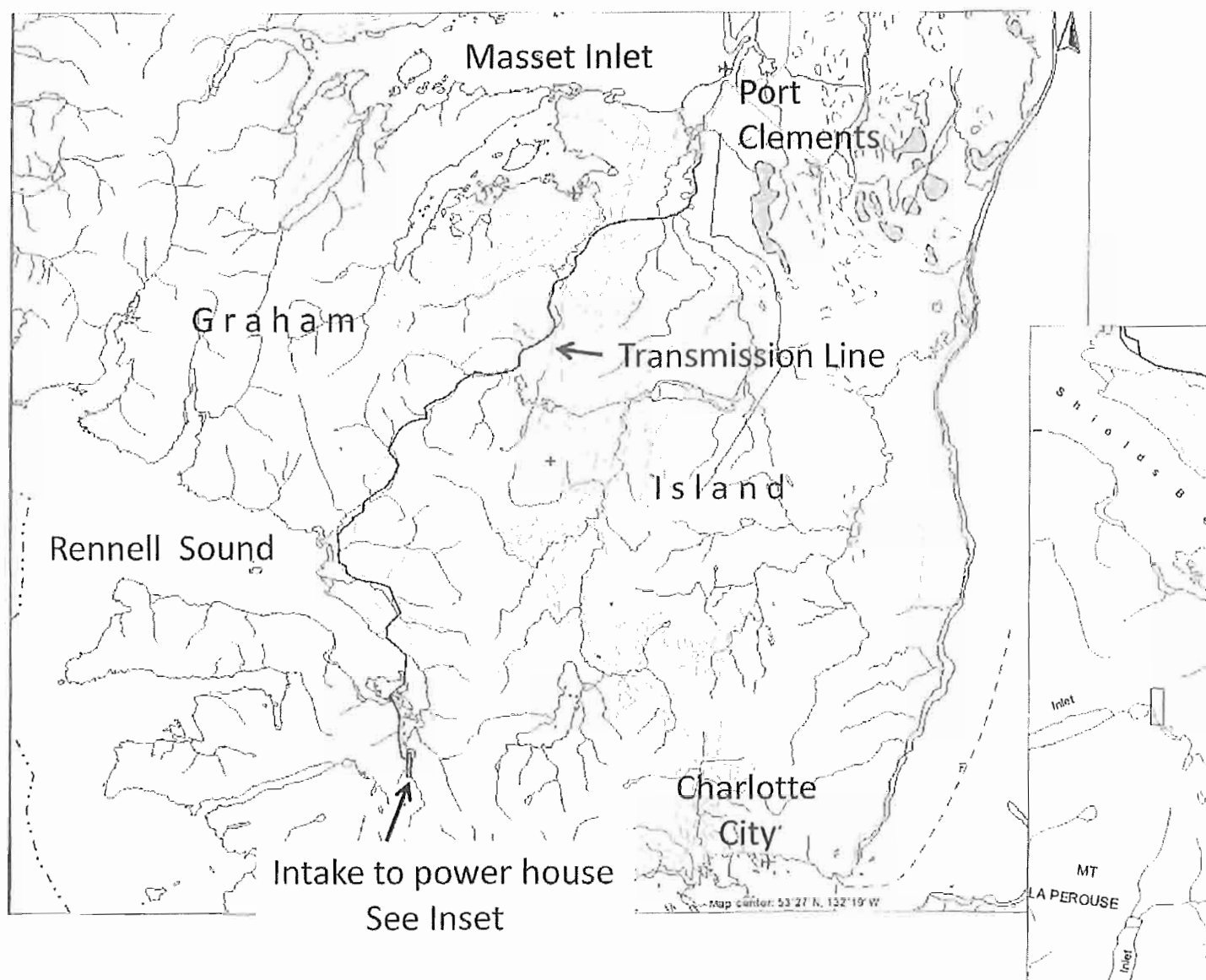
A chart of the intended activities by type, year and season and potential impact is included to assist Authorizing Agency staff in assessing the use of the land.

As part of the requirements of the tenure document, if changes are made to the investigative activities that include placement of improvements (e.g. monitoring equipment) that were not part of the original submission of the investigative plan, we will notify the appropriate Authorizing Agency staff as soon as the information is known by us prior to making the changes and to maintain the tenure in good standing.

Activity	Brief description of activity	Time Period	Potential Impact
Install hydrometric station	A pressure transducer will be lowered in a protective aluminum pipe into the stream. The pipe will be secured to the rock wall with anchor bolts. The cable will lead vertically to the data logger which will be strapped to a tree.	Summer 2013	Human foot traffic, minimal impact
Commence of staging of Clapp Basin Head Creek	Data recorded in a Hobo logger accessed periodically, and manually.	Summer 2013	Human foot traffic, minimal impact
First year fisheries study	Access by foot. Activities involve fry trapping and beach seining for fish. All fisheries activities undertaken with appropriate permits obtained through DFO.	Summer and Fall 2013	Human foot traffic, minimal impact
Continue staging	Data sent by satellite to DataGarrison. Accessed by internet.	Ongoing	No impact
Flow measurements	Measurements taken using a Swoffer flow meter from the bridge at various stages of the creek.	Fall 2014 Winter 2014/15 Spring 2015	Human foot traffic, minimal impact

Geology	Geological survey by helicopter and foot exploration with signed reports.	Summer 2015	Human foot traffic, minimal impact.
Second year fisheries study undertaken	Access by foot. Activities involve fry trapping and beach seining for fish. All fisheries activities undertaken with appropriate permits obtained through DFO.	Summer and Fall 2015	Human foot traffic, minimal impact.
Environmental studies	Access by foot. Surveying for endangered species.	Summer 2015	Human foot traffic, minimal impact
Archaeology	The area disturbed by the works surveyed by archaeologist to determine evidence of human habitation.	Summer 2016	Foot traffic, minimal impact.
Hydrology	With five years of staging data and flow data recorded at various stages the hydrologist will produce the official hydrology report.	Summer 2017	No impact.

Other authorizations that will be required during the investigative phase are: none.



Clapp Basin Head Creek Water File #2003166

Map #1

POC
BC Albers
572889E
940322N
53°17'42" Lat
132°25'50" Long

46.4 hectares

Staging Area
This area includes room
for the substation,
temporary housing,
communication equipment, etc.

W

hydrometric station

1491 meters

311 meters

Legend

- point of commencement
- ⚡ Powerhouse
- hydrometric station
- ★ Point of Diversion
- Stream
- Route of Powerline
- trestle
- trestle
- Road
- temporary road
- Application Boundary
- ▨ Private Land
- ▨ Conservancies
- ▨ Watershed Boundary
- ▨ Indian Reserves
- ▨ East 1/2 Area
- ▨ staging area
- ▨ proposed barge landing

Application Boundary
From the point of commencement
53°17'42" Lat and 132°25'50" Long
go easterly for 311 metres to the point
53°17'42" Lat and 132°25'34" Long
then southerly 1491 metres to the point
53°16'54" Lat and 132°25'26" Long
then westerly for 311 metres to the point
53°16'53" Lat and 132°25'43" Long
then northerly 1491 metres to the POC

1:5,000



