



VILLAGE OF BELCARRA



SCHEDULE "A" TO BLASTING REGULATION BYLAW NO. 619, 2023

**APPLICATION FOR A BLASTING PERMIT OR ROCK-BREAKING PERMIT**

1. Date: \_\_\_\_\_

2. This application is for a (check one)

- Blasting Permit
- Rock Breaking Permit

3. I, \_\_\_\_\_, of  
(Print full name of Owner)

\_\_\_\_\_  
(Address) (Daytime Phone)

am the registered Owner of the following lands:

\_\_\_\_\_  
(street address)

\_\_\_\_\_  
(legal description)

4. I hereby authorize \_\_\_\_\_  
(Print full name of Owner's Agent)

of \_\_\_\_\_  
(company name) (phone no.)

to act as my agent pursuant to this bylaw.

5. The purpose of the blasting and the rock removal is (check all relevant)

- road and utilities
- utility connections
- house or garage
- coach house
- power pole
- driveway or parking area
- other (describe)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

6. Estimated total volume of rock to be Blasted \_\_\_\_\_ m<sup>3</sup>
7. Expected date of starting of drilling \_\_\_\_\_
8. Estimated start date of Blasting \_\_\_\_\_
9. Estimated end date of Blasting \_\_\_\_\_
10. Estimated start date of On-Site Processing of Blast Rock \_\_\_\_\_
11. Estimated end date of On-Site Processing of Blast Rock \_\_\_\_\_
12. The fee as required by the Village of Belcarra Fees and Charges Bylaw is enclosed.
13. The following documentation is provided in support of this application:
  - a) a completed and signed Application;
  - b) a title search conducted within the past 30 days for the property where the Blasting is to occur;
  - c) a copy of a valid Blaster's Certificate issued to the Blaster by WorkSafe BC for all persons completing the Blast (the original of which must be produced for inspection if required by the Building Official);
  - d) an Indemnification Form executed by the Owner, which will at a minimum provide that the Owner will:
    - i. indemnify and defend the Village from all claims and damages related to or arising from the Blasting;
    - ii. waive all claims for contribution and indemnity against the Village for losses related to or arising from the Blasting; and
    - iii. pay for all damage that results to third party structures and property as a result of the Blasting.
  - e) a certificate of insurance acceptable to the Building Official in the minimum amount of \$5,000,000 naming as named insureds the Blaster, the Owner, and the Village providing defense and indemnity protection against all liability for property damage or personal injury arising from or relating to the proposed Blasting;
  - f) a completed Assurance Form;
  - g) a Blasting Plan that is prepared by or under the supervision of the Blasting Engineer that must include, without limitation, (i) a diagram of the blasting pattern; (ii) a plan indicating the full extent of the Blasting Area; (iii) the sequence of detonation and the maximum weight of explosives to be detonated per delay; (iv) the specific safety measures to be taken; (v) the specific measures taken to minimize the effect of the Blasting on third parties; (vi) Maximum Peak Particle Velocity and Frequency Response; (vii) area requiring notification to Neighbouring Owners; (viii) the Pre-Blast Inspection Area; and (ix) Placement of Blasting signage; (x) Test blasting requirements; (xi) Pre-blast survey radius; (xii) Drill log records; (xiii) Rock removal and (xiv) work sequence.;

- h) a plan indicating the Blast Area;
- i) a plan indicating the Pre-Blast Inspection Area, and should this area be less than 100 meters from the edge of the Blast area, the Blasting Engineer must provide justification for the reduction;
- j) a Control Measures/Blasting Plan, prepared by the Blaster and accepted by the Registered Professional Engineer, which shall consist of a sketch of the blasting pattern and include the sequence of detonation and the maximum weight of explosives to be detonated per delay and shall specify measures designed to minimize potential injury to any person and avoid, control, or minimize the impact of the Blasting. If Blasting is not proposed within 150 meters of any structure, utility line, railway, public or private road, street, lane, driveway, or walkway, or is not expected to produce a rock cut over 3.5 metres high, then the Building Official may waive the requirement for a Control Measures/Blasting Plan. During the continuance of the permit, the Building Official may authorize amendments to the Control Measures/Blasting Plan which are approved in writing by the Registered Professional Engineer.
- k) a report from the Blaster detailing how drill rigs and compressors are to be muffled, note the Building Official may require use of equipment or techniques to reduce or control noise and dust levels;
- l) a description of any On-Site Processing of Blast Rock that is to occur including the how noise and dust is to be controlled and a schedule for the processing work, note the Building Official may require the use of equipment or techniques to reduce or control noise and dust;
- m) a description of the purpose of the Blasting;
- n) the schedule for Blasting and any planned On-Site Processing of Blast Rock prepared in a manner that will minimize the duration of the impacts of noise and dust to the adjacent areas, note the Building Official may alter the schedule to minimize the impact to the Neighbouring Owners;
- o) a statement of the amount of material that is proposed to be removed;
- p) a report on where and how notice of Blasting, the Pre-Blast Inspections, the procedure to be used to notify Neighbouring Owners and the steps a Neighbouring Owner is to take in the event that Blasting causes any damage to land or buildings on the land;
- q) the name and contact information for the Blasting Engineer;
- r) the name and contact information for the Registered Professional Engineer; and
- s) the permit fee and damage deposit as set out in the Fees and Charges Bylaw. The damage deposit shall be security for all requirements under this Bylaw and may be used at any time by the Village to secure completion of any of these requirements. A permit extension fee will be required for all permits that exceed their permit expiry date as determined by subsection 3.1.3. Extension will be granted from permits based on the discretion of the Building Official.

14. The information provided in Schedule "A" is certified to be correct:

\_\_\_\_\_  
(Owner's name(s))

\_\_\_\_\_  
(Owner's signature(s) or Authorized Signatory if a Corporation)

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
(Owner's Agent's Signature)

\_\_\_\_\_  
(Date)