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Office Hours Monday 8:00 AM-4:00 PM Tuesday 8:00 AM-4:00 PM Wednesday 12:00---6 PM Thursday 8:00 AM-4:00PM Friday 8:00 AM-12:00 PM

## LAND USE AND MULTI-PURPOSE PERMIT APPLICATION

		Applican	t	Owner ( □Same as Applicant)	Contractor ( ☐ Same as Applicant)
Name					
Address					
City, State, Zip					
Phone					
Email					
proposed activity of and has been revieus roperty Addres	onforms with ewed and full ss or Loca	n the City's la ly complies v ation:	and use ordinar with all the prov	ication, including any additional forms name (LUO 4.9.3). A permit will be issued of isions of the LUO (4.9.4).	
PROPERTY US	E TABLE (L	UO 7.6)		Project Inform	IATION
	Colotto o	Desmand	BUILDING:	COMMERCIAL (add Form 03) OR	□RESIDENTIAL (add Form 04)
Commercial	Existing	Proposed	Additional-	□Address/E-911(add Form 05)	☐Manufactured Home (add Form 11)
Educational			General:	☐ Change of Use (add Form 06)	□Sewer (add Form 15)
overnmental				□ Demolition/Removal (add Form 07)	☐Shoreland (add Form 12)
Industrial					,
Institutional				□ Driveway Entrance (add Form05)	☐ Sign (add Form 13)
Other				□Excavation (add Form 08)	□Sludge Management (add Form 14)
Rural Residential				□Floodplain (add Form 09)	☐Street Opening (add Form 05)
				☐Home Occupation (add Form 10)	□Water (add Form 15)
ransportamin			Plumbing:	□ Internal (use HHE 211)	□Subsurface (use HHE 200)
Wholesale					
r signing below, I ag			□ <b>Is wor</b>	Ilicant not owner? Add authorizing look exterior? Add Site Plan for Permit An applete and correct and that my project will Code Enforcement Officer at reasonable	opplication (Form 02)  I adhere to applicable State and City land

## CITY OF GARDINER, MAINE -BLASTING PERMIT APPLICATION Applicant Name:\_\_\_\_\_\_\_ Applicant contact number: Property Owner Name:\_\_\_\_\_ Property Owner Phone Number: Property Address/location:\_\_\_\_\_\_ Map: \_\_\_\_\_ Lot: \_\_\_\_ Map of property/Blast area provided? Y / N Reason for blasting: \_\_\_\_\_\_ Description of project including depth, material, yards being removed and other details: Tax Map & Lot # Dates or date range of blasts: Approxamate number of blasts: \_\_\_\_\_\_ Blasting Company: Company Address: \_\_\_\_\_ Company Phone: \_\_\_\_\_ Contact Name for this project: \_\_\_\_\_Contact Number: \_\_\_\_\_ Qualifications of company doing the blasting: Certified by the state of Maine? (Attach documentation) Zoning District Insured? (Attach Documentation) Evidence of notices attached? The attached rules must be followed. By signing below, you acknowledge that you have read and understand these rules and have been provided a copy of them for your records.

Signature:

\$25.00

Date: \_\_\_\_

## 13-5 Standards and requirements. All blasting shall be conducted in accordance with the following standards and requirements:

- (1) Hours of operation. Blasting operations, other than the actual blasting, shall be limited to between the hours of 7:00 a.m. and 6:00 p.m., Monday through Friday, and 7:00 a.m. to 2:00 p.m. on Saturday. The actual blasting shall not occur prior to 8:00 a.m., Monday through Saturday.
- (2) Property owner notification requirements. The applicant shall notify all landowners and the owners of any utilities including public water and sewer services within two hundred fifty (250) feet of the proposed blasting operation. Notice shall be sent by United States Postal Service (USPS) certified mail at least ten (10) calendar days prior to the intended date of the commencement of the blasting operations. The notice shall include the blasting schedule, a description of the blasting signals to be used during the operation, an address and telephone number where property owners may request further information and additional notification, information about the no-cost pre-blast survey, and an offer to provide further information, upon written request.
- (3) Newspaper notice publication requirements. The applicant shall publish a notice of the proposed blasting in a newspaper of general circulation at least ten (10) calendar days prior to the intended date of the commencement of the blasting operations. The newspaper notice shall include the blasting schedule, a description of the blasting signals to be used during the operation, and a mailing address and telephone number where anyone may request further information and additional notification about the time of blasts.
- (4) City notification requirements. After receiving a blasting permit, the blasting contractor or other responsible party shall notify the CEO when a blasting operation is planned. Such notification shall be received at least twenty-four (24) hours prior to the planned detonation and shall give the time of the planned detonation and the location where the blasting is to be done. The notification may be given orally over the telephone; however, the burden of proof as to whether the notification was in fact received rests with the person responsible for the blasting operation.
- (5) Additional property owner notification requirements. Prior to any blast, the person responsible for the blasting operation shall inform any property owner who has requested in writing to be so informed of the impending blast. Such notification shall be given by telephone twenty-four (24) hours prior to the blasting operation. The burden of proof as to whether the notification was in fact received rests with the person responsible for the blasting operation.

- (6) Preblast survey requirements. The applicant shall offer to hire an independent firm to perform preblast surveys on all buildings within two hundred fifty (250) feet of the blasting area. The survey shall include a written description and either a video or photographic documentation of any preexisting conditions on the inside and outside of each building. At least three (3) documented attempts must be made to physically offer the survey before the landowner may be deemed a non-respondent. All preblast survey documentation shall be held by the independent firm. 3
- (7) Well testing requirements. The applicant shall offer to hire an independent water testing company to perform water tests of all drinking water wells within two hundred fifty (250) feet of the blasting area. The test shall document the turbidity of the well water prior to blasting, as well as the levels of coliform bacteria, e-coli, nitrate, nitrite and ph. At least three (3) documented attempts must be made to physically offer the water test before the abutter may be deemed a non-respondent. The water test results shall be held by the independent water testing company, and upon request, shall be made available to the landowner within fourteen (14) days of such a request.
- (8) Seismic monitoring requirements. Either an independent firm, retained at the sole cost and expense of the applicant, or the applicant themselves, shall monitor airblast and vibration for the blasting operations. Instrument(s) shall be installed at the closest point of the building in greatest proximity to the shot to be recorded.
- (9) Records maintenance requirements. The person or firm responsible for a blasting operation shall maintain a record of each blast. All records shall be retained for at least five (5) years following the cessation of blasting operations, copies of which shall be provided to the code enforcement office within ten (10) days of request. Such written records shall contain the following:
- (a) Name of person responsible for the blasting operation.
- (b) Location, date(s), and time of blast.
- (c) Name of blaster.
- (d) Type of material blasted.
- (e) Number of holes, burden and spacing.
- (f) Diameter and depth of holes.
- (g) Types of explosives used.
- (h) Amount of explosives used.
- (i) Whether mats or other protections were used.
- (j) Seismograph and airblast readings: when and where measured.

**13-6 Definitions.** As used in this article, the following terms shall have the meanings indicated:

AIRBLAST—An airborne shock wave resulting from the detonation of explosives. The movement of overburden or the release of expanding gas into the air resulting from the detonation of explosives may also cause airblast. Airblast may or may not be audible. BLASTING—Any activity entailing the use of explosives for the purpose of producing an explosion to demolish structures or to fragment rock for mining, quarrying, excavation, or construction. Related terms are as defined in the BOCA National Fire Prevention Code and NFPA 495 Explosive Materials Code.

**BLASTING OPERATION** — Includes all blasting anticipated to be undertaken during the completion of a contract or series of contracts, for demolition, excavation, construction, and development. A blasting operation includes all work involving the preparation, drilling, loading and detonation as well as the excavation and clean-up of the blasted area.

**EXPLOSIVES** — Any substance, chemical compound, or mechanical mixture that is commonly used for the purpose of producing an explosion for blasting, as defined by this chapter. Initiating devices (detonators, detonating cords, etc.) are also included in this definition.

**INDEPENDENT FIRM**—A bona fide company approved by the Code Enforcement Officer who is not affiliated with the applicant but is contracted to impartially render services.

**PARTICLE VELOCITY** — A measure of ground vibration. Particle velocity describes the velocity at which a particle of ground vibrates when excited by a force producing ground motion such as an earthquake or an explosion, measured in inches per second.

**SEISMOGRAPH** — An instrument that measures and records earthborn vibration induced by the detonation of explosives. The instrument shall produce a direct printout of ground motion frequency, acceleration, particle velocity and amplitude, or produce a record from which any of these parameters can be calculated.