



## BLASTING PERMIT APPLICATION

Development Services Center  
Spokane City Hall, 3rd Floor  
808 W Spokane Falls Boulevard  
Spokane, WA 99201-3343

Phone: (509) 625-6300  
[PermitTeam@SpokaneCity.org](mailto:PermitTeam@SpokaneCity.org)  
[my.spokanecity.org](http://my.spokanecity.org)

Version 2025.04.09

### INTRODUCTION

A completed application may be filed as early as ninety (90) days before the Blasting Operation but must be received no later than twenty (20) days before the actual date of the Blasting Operation. The City of Spokane is not responsible for any damage caused by any person, company, or corporation engaged in Blasting Operations. This packet is not intended to supplant Federal and State regulations or requirements, but to supplement those regulations and requirements. *Approved Blasting Permits are limited to 180-day durations.*

### PROCEDURES

The permit application process begins when you submit a completed Blasting Permit Application. Please note, the acceptance of your application is not to be construed as final approval or confirmation of your request. Copies of the application and submittal documents will be forwarded to all affected departments to be reviewed. During the review process, we will contact you if your project requires any additional information, permits, licenses, and/or certificates. These items must be received before your permit can be approved.

### REGULATIONS *(In addition to those included within the Spokane Municipal Codes.)*

Every person using explosives or blasting agents must, *at all times and in all respects*, use the highest degree of care in the protection of life and property.

Subject to specific regulation and direction of the City Engineer and Fire Official, every licensee and permittee must:

1. Conduct blasting operations during daylight hours.
2. Provide a minimum twenty-four (24) hours' notice of the time and place of blasting operations to the appropriate officials of all utilities having facilities in the vicinity.
3. Cover with a mat capable of preventing the discharge of rocks into the air, any blast in a congested area close to a structure, road, railway or other property that may be damaged.
4. Place all surplus explosives and blasting agents in a safe place, remove to a safe distance or sufficiently cover all persons and vehicles, and sound a loud warning signal before firing a blast.
5. Take precautions against accidental discharge of electric blasting caps from current induced by radio or radar transmitters, lightning, power lines, dust storms or other sources of extraneous electricity, including at a minimum:
  - a. Suspending operations and removing personnel from the site during the approach and progress of an electrical storm; and
  - b. Posting signs warning against the use of mobile transmitters on all roads within five hundred feet of the site.
6. Ensure all tools used to open packages of explosives or blasting agents are made of non-sparking materials.
7. Ensure all handling and firing of explosives and blasting agents is done by licensed persons or by adult employees under the direct supervision of a licensed person.
8. Prevent the handling of explosives or blasting agents by a person under the influence of an intoxicant or narcotic.
9. Prevent all persons from smoking or carrying matches while handling explosives or blasting agents or while in the vicinity.
10. Prevent the use of open flame light in the vicinity of explosives or blasting agents.
11. Destroy by burning at an approved outdoor isolated location all empty boxes and paper and fiber packing materials which previously contained high explosives. And,
12. Properly dispose of all explosives and blasting agents and not abandon them.

## YOUR RESPONSIBILITIES

1. ALL VEHICLES AND MAGAZINES MUST BE INSPECTED BY THE CITY FIRE MARSHAL OR DEPUTY FIRE MARSHAL PRIOR TO TRANSPORTING ANY EXPLOSIVES WITHIN THE CITY OF SPOKANE. CALL (509) 625-7041 TO SCHEDULE AN INSPECTION (24 HOUR NOTICE REQUIRED).
2. UPON ARRIVAL AT THE BLASTING SITE, CONTACT THE CITY FIRE MARSHAL AT (509) 625-7041 FOR A SITE INSPECTION PRIOR TO ENGAGING IN BLASTING OPERATIONS (24 HOUR NOTICE RECOMMENDED).
3. A LICENSED BLASTING TECHNICIAN MUST PROVIDE INFORMATION ON TEMPORARY EXPLOSIVE STORAGE, BLASTING PLAN, AND CONTACT PERSON RESPONSIBLE FOR SITE WORK. ANY EXPECTED STREET CLOSURE MUST BE REPORTED AT THIS TIME.
4. SPOKANE FIRE DEPARTMENT DISPATCH MUST BE NOTIFIED AT (509) 532-8900 BEFORE AND IMMEDIATELY AFTER BLASTING OCCURS. **FAILURE TO ADHERE TO THESE CONDITIONS MAY RESULT IN CIVIL AND CRIMINAL LIABILITY.**

## PERMIT FEES

PROCESSING FEE:	\$ 65.00	<i>Fees subject to change annually.</i>
BLASTING PERMIT FEE:	\$275.00	
2.5% TECHNOLOGY FEE:	\$ 6.88	<i>Additional fees prescribed as needed based on the scope of work.</i>
<b>COMBINED FEES:</b>	<b><u>\$346.88</u></b>	

## LOCATION INFORMATION

DATE(S): \_\_\_\_\_

PROJECT/DEVELOPMENT NAME: \_\_\_\_\_

LOCATION: \_\_\_\_\_

ACTUAL HOURS OF BLASTING: \_\_\_\_\_ A.M. / P.M. to \_\_\_\_\_ A.M. / P.M.

## APPLICANT INFORMATION

COMPANY NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

APPLICANT/BLASTER IN CHARGE: \_\_\_\_\_

WASHINGTON STATE BLASTER'S LICENSE #: \_\_\_\_\_ EXPIRES: \_\_\_\_\_

EMAIL ADDRESS: \_\_\_\_\_

DAYTIME PHONE: \_\_\_\_\_ EVENING PHONE: \_\_\_\_\_

"ON-SITE" CONTACT NAME(S): \_\_\_\_\_ CELL PHONE(S): \_\_\_\_\_

## OVERALL DESCRIPTION / SITE DIAGRAM

Please provide a detailed description and a diagram of the BLAST SITE to include the following details: use of vehicles and storage facilities; distances to any buildings or other structures in the area, power source of all buildings or structures and combustibility of such, monitoring station locations, or any other pertinent information about the site.

**\*\*\*Any blasting in or around wetlands, streams, rivers, steep slopes, or other identified critical areas, special permitting action will be required.\*\*\***

## SAFETY / SECURITY / ACCESSIBILITY

Please provide a detailed description and a diagram of the SAFETY PLAN for your project/site. Include location of signage, flagger persons, project personnel area, safety zones, blast holes, blast signals, flyrock control, handling and transportation of explosives, material storage, etc. There will be a designated safety person on site for each shot. The City of Spokane Department of Engineering Services shall be notified of the scheduled blasts.

## TRAFFIC CONTROL/ ROAD CLOSURE

A traffic control plan must be submitted and approved, with a list of all streets that will be affected by the blasting operation and indicating the location of all signs and traffic control devices, flagger personnel, applicable detour routes, and expected times and durations that any traffic will be delayed. All signage shall be in accordance with the Manual on Uniform Traffic Control Devices (MUTCD).

## PRE-BLAST NOTIFICATIONS, SURVEYS, AND SIESMOGRAPHY

Please provide a detailed plan outlining pre-blast public notifications, structural inspections, and blast effect monitoring within a specified distance of the blasting when required before the blasting permit is issued. The distances from the blasting where the notification, pre-blast structural inspection, and blast monitoring is required and must be determined by the scaled distance formulas described below. Blasting will not be permitted until the notification and inspection requirements are completed.

**Scaled distance formulas.** The distance from the blast within which:

- Notification of all occupied structures is required:  $Da = 90 w$
- Inspection of all structures is required:  $Db = 75 w$  (and any within 250-foot radius of proposed blasting operation)
- Monitoring of selected structures is required:  $Dc = 60 w$

In the above formulas:

- $Da$ ,  $Db$ , and  $Dc$  are the actual distances in feet from the closest point in the blast.
- $w$  is the square root of the maximum weight of the explosives in pounds detonated with a minimum 8 millisecond from another detonation event.

**Notification letter:** The pre-blast notification must consist of a letter advising all residents and/or property owners within the distance specified above of the blasts. The letter must include the intent of the blasting program, its anticipated impact on residents, the proposed duration of blasting activities, and provide telephone numbers for public contact. Distribution of this notification must be made a minimum of seven (7) days before the start of blasting.

**Pre-blast inspection:** A pre-blast inspection of real property must be offered to all residents and/or property owners within the distance specified above of the blasting at no cost to the residents and/or property owners and will be preformed by a qualified third party who is not an employee of the general contractor or blasting company. A copy of the individual inspection reports and a log of all photos taken are to be provided to the City of Spokane Permit Center. Where inspections are not allowed by the residents and/or property owners, or are not possible for other reasons, a certified letter must be sent to the residents and/or property owners at the unsurveyed address advising them of their right to a pre-blast inspection and the possible consequences of denying an inspection. The pre-blast inspection program for residences within the specified distance must be complete two days prior to the start of blasting.

**Monitoring:** All blasts which require monitoring are to be monitored using blast monitoring equipment designed for the purpose and carrying a certificate of calibration dated within the previous twelve months. The blast monitors must record peak particle velocity and frequency in three orthogonal directions and air over pressure. Monitored shots in which the pounds detonated per an 8-millisecond time increment is less than ten pounds, one blast monitor is required. When ten or more pounds are detonated per an 8-millisecond time interval, two or more blast monitors are required. All blast-monitoring records are to be signed and submitted to the City of Spokane Permit Center at [PermitTeam@SpokaneCity.org](mailto:PermitTeam@SpokaneCity.org) within twenty-four (24) hours of each blast, and prior to the next blast.

## UTILITIES

All utilities should be afforded the opportunity to review the blasting permit application. Whenever blasting is being conducted in close proximity to existing utilities, the utility owner must be notified a minimum of twenty-four (24) hours in advance of blasting.

## BLAST PLAN

Please provide a detailed blast plan for each day that blasting operations will occur. The blast plan will include information such as:

- (a) The location where the blast(s) will occur.
- (b) The approximate total amount of material to be blasted.
- (c) The incremental volumes, per blast, of material to be blasted.
- (d) The types and packaging of explosive materials to be used.
- (e) The drill hole diameters, depths, patterns, subdrilling depths and drill hole orientation to be used.
- (f) The initiation system, the incremental delay times, and the location of the primers in the explosive column.
- (g) The stemming depths and stemming material for the various estimated depths of drill holes to be blasted.
- (h) The approximate powder factors anticipated.
- (i) The blast warning sound system and equipment to be used.
- (j) Additional requirements as needed.

## BLAST REPORT

A signed blast report must be filed with the City of Spokane Permit Center within two (2) business days of the blast. The report must include the following blast information:

- (a) Date, time, and location of the blast.
- (b) Number of drill holes.
- (c) Maximum, minimum and average drill hole depth.
- (d) Drill hole diameter.
- (e) Subdrill depth.
- (f) Total pounds of each type of explosive used.
- (g) A drill hole section schematic showing the loading of a typical hole.
- (h) Amount and type of stemming material.
- (i) Schematic showing the drill hole pattern.
- (j) Initiated delayed sequence.
- (k) Maximum pounds of explosives detonated in any eight (8) millisecond time interval.
- (l) Type and size of any flyrock protection devices used, *if any*.
- (m) Comment regarding the outcomes of the blast.

**The City of Spokane Engineering Services Department must be notified immediately of any unplanned or unusual events that resulted from the blast. The permittee must also report any incident, damage claim, or neighbor annoyance reports brought to the permittee's attention within 24 hours.**

## CONTACT INFORMATION

**Permit Office: Monday – Friday: 8:00 – 4:30**

[PermitTeam@SpokaneCity.org](mailto:PermitTeam@SpokaneCity.org)

**(509) 625-6999**

[EngineeringReview@spokanecity.org](mailto:EngineeringReview@spokanecity.org)

**(509) 625-6444**

**Emergency: 911**

## **HOLD HARMLESS / AFFIDAVIT OF APPLICANT**

I CERTIFY THAT THE INFORMATION CONTAINED IN THIS APPLICATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT I HAVE READ, UNDERSTAND AND AGREE TO ABIDE BY THE RULES AND REGULATIONS GOVERNING THE PROPOSED BLASTING OPERATION UNDER THE SPOKANE MUNICIPAL CODES, STATE REGULATIONS/WAC, AND INTERNATIONAL FIRE CODES. I AGREE TO ABIDE BY THESE RULES, AND FURTHER CERTIFY THAT I AGREE TO BE FINANCIALLY RESPONSIBLE FOR ANY COST AND FEES THAT MAY BE INCURRED BY OR ON BEHALF OF THE BLASTING OPERATION TO THE CITY OF SPOKANE.

I AGREE TO DEFEND, INDEMNIFY, AND HOLD HARMLESS, THE CITY OF SPOKANE, ITS DEPARTMENTS, EMPLOYEES, AGENTS, OFFICERS, AND VOLUNTEERS FROM ANY AND ALL LIABILITY IN ANY AND ALL MATTERS CONCERNING THIS OPERATION.

NAME OF APPLICANT (Print): \_\_\_\_\_

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

## **WASHINGTON NOTARY ACKNOWLEDGEMENT**

State of Washington

County of \_\_\_\_\_

The record was acknowledged before me on \_\_\_\_\_  
*Date*

by \_\_\_\_\_  
*Name of Individual*

\_\_\_\_\_  
*Signature of Notarizing Officer*

\_\_\_\_\_  
*Title (Such as "Notary Public")*

My commission expires: \_\_\_\_\_

*Place Notary Seal/Stamp Above*