

PLUMSTEAD TOWNSHIP
FIRE MARSHAL'S OFFICE
PO BOX 387
5186 STUMP ROAD
PLUMSTEADVILLE, PA 18949
(215)766-8914
(215)766-9831 FAX

BLASTING PERMIT APPLICATION



OWNER OF RECORD:

PHONE NUMBER:

MAILING ADDRESS:

LOCATION OF BLASTING:

TAX PARCEL NUMBER: 34-

ZONING DISTRICT:

PURPOSE OF BLASTING:

NUMBER OF DAYS BLASTING:

BLASTING COMPANY:

PHONE NUMBER:

MAILING ADDRESS:

REQUIRED INFORMATION:

- A. BLASTING LICENSE - THE TOWNSHIP WILL REQUIRE A COPY OF THE BLASTING/BLASTER'S LICENSE.
- B. CERTIFICATION OF INSURANCE - A WRITTEN DOCUMENT CERTIFYING COVERAGE AND STATING "PLUMSTEAD TOWNSHIP" AS AN ADDITIONAL INSURED.
- C. PLANS REGARDING THE PROPOSED BLASTING OPERATION; LOCATION OF EXPLOSIVES; TYPES OF EXPLOSIVES; AREAS AFFECTED BY THE BLAST; DATE AND TIME OF THE BLAST; LOCATION OF ADJACENT WELLS, WATER TABLES, ROADS, AND UTILITIES.
- D. NOTIFICATION - AN OPERATOR MUST NOTIFY ALL ADJACENT TOWNSHIP PROPERTY OWNERS WITHIN 750 FEET OF THE BLASTING SITE. NOTICE SHALL BE GIVEN AT LEAST FIVE (5) DAYS PRIOR TO THE COMMENCEMENT OF BLASTING ACTIVITIES. THE NOTICE MUST INCLUDE THE FOLLOWING:
 - 1. DATE AND TIME OF BLAST.
 - 2. PURPOSE OF BLASTING OPERATION.
 - 3. LOCATION OF THE BLASTING SITE.
 - 4. NAME OF PARTY RESPONSIBLE FOR THE BLASTING OPERATION, BLASTING LICENSE, AND CERTIFICATE OF INSURANCE.
- E. MONITORING MAY BE REQUIRED BY THE FIRE MARSHAL IN ACCORDANCE WITH THE BLASTING ORDINANCE.

APPLICANT'S SIGNATURE:

DATE:

APPROVED BY:

DATE:

OFFICE USE ONLY

FEE:

ESCROW:

TOTAL FEE:

PERMIT #:

DATE PERMIT EXPIRES:

BLASTING PERMIT FEE SCHEDULE

1. ZONING PERMIT: \$50.00

2. BLASTING PERMIT:	<u>PERMIT</u>	<u>ESCROW</u>
One Day	\$25.00	\$200.00
1-5 Days	\$100.00	\$500.00
6-16 Days	\$250.00	\$1000.00
17-30 Days	\$500.00	\$1500.00

Over thirty (30) days a new permit is required. Blasting hours are from 8:00 AM to 5:00 PM, Monday thru Friday. No blasting is to be done on Saturdays, Sundays, or Holidays.

FEE: _____

ESCROW: _____

TOTAL: _____

Township of Plumstead, PA
Thursday, January 2, 2014

Chapter 7. FIRE PREVENTION AND FIRE PROTECTION

Part 1. BLASTING REGULATIONS

§ 7-101. Definitions.

[Ord. 97-12-16-1, 12/16/1997, § 1]

The following definitions shall apply:

BLASTING ACTIVITY/BLASTING OPERATION

Any activity or operation involving the detonation of explosives detonated for the purpose of construction projects of any type and quarrying.

BLASTER'S LICENSE

The license required under the laws of the Commonwealth of Pennsylvania and the regulations of the Department of Environmental Protection.

BLAST-AFFECTED AREA

The entire area or any portion therein, within a 750 feet radius of the location of a blasting shot (blasting activity).

BLASTING SITE

Exact location of explosives when detonated.

CERTIFICATE OF INSURANCE

Written documentation certifying insurance coverage of operator for intended blasting activities and blasting operations.

EXPLOSIVE

Any chemical compound, mixture or device, the primary or common purpose of which is to function by explosion. The term includes, but is not limited to, dynamite, black powder, pellet powder, initiating explosives, detonators, safety fuses, squibs, detonating cord, igniter cord and igniters. The term "explosive" includes any material determined to be within the scope of USC Title 18, Chapter 40 and also includes any material classified as an explosive by the hazardous material regulations of DOT 49CFR.

NOTICE

First class mail sent to the last known address of the property owner.

OPERATOR

Any person or entity desiring to conduct blasting activities and blasting operations in the Township.

TOWNSHIP OFFICIAL

The person designated by the Board of Supervisors with the responsibility of issuing permits pursuant to this Part.

§ 7-102. Permits Required.

[Ord. 97-12-16-1, 12/16/1997, § 2]

All blasting activities and operations in the Township are prohibited unless a permit is issued by the proper Township official. Blasting activities shall only be conducted between the hours of 8:00 a.m. and 5:00 p.m., Monday through Friday. Blasting shall not be conducted on Saturdays, Sundays or holidays. A permit must be obtained for blasting activities. Permit fees and escrow shall be in accordance with the fee resolution in effect at that time. The permit fees, escrow and permit application must be submitted to the Township at least five days prior to the blasting to date. To receive a Township permit, the operator must submit proof and documentation to the Township indicating the following:

- A. Possession of blaster's license and all other approvals and licenses as required under the laws of the Commonwealth of Pennsylvania and the regulations of the Department of Environmental Protection.
- B. Plans regarding the proposed blasting operation showing, but not limited to:
 - (1) The blast-affected area including details on proposed and existing structures, utilities and/or easements; roadway(s); subdivision and/or property lines; public and private water supply systems; sewage systems; and any natural features such as ponds, lakes, trees, etc.
 - (2) Details on the blasting site including, but not limited to, location and direction of shot, distance to nearest structure and location of venting holes as may be required by this Part.
 - (3) Details on the location as required by the Commonwealth of Pennsylvania.
- C. Certificate of insurance as required by the Commonwealth of Pennsylvania.
- D. Any additional information as required under the Township ordinances and codes.
- E. Any further information, as determined by the Township official, which may be required to be reviewed or submitted to evaluate the potential threat to public health, safety or welfare which the blasting activity may present.

§ 7-103. Notification.

[Ord. 97-12-16-1, 12/16/1997, § 3]

An operator must notify all adjacent Township property owners who own property within 750 feet of the blasting site. Notice shall be given at least five days prior to the commencement of blasting activities. Notice shall include the following:

- A. Date and time of explosion.
- B. Purpose of blasting operation.
- C. Location of explosion.
- D. Name of party responsible for the blasting operation, including party holding blaster's license.
- E. Certificate of insurance.

§ 7-104. Certificate of Insurance.

[Ord. 97-12-16-1, 12/16/1997, § 4]

In addition to any certificate of insurance required under the laws of the Commonwealth of Pennsylvania and the Department of Environmental Protection, the operator must submit to the Township a certificate of insurance naming Plumstead Township its additional insured

with a specific reference to blasting activities. The amount of the insurance required shall be determined by the Township.

§ 7-105. Monitoring.

[Ord. 97-12-16-1, 12/16/1997, § 5]

1. If the Township determines that the proposed blasting activities pose a threat to existing wells, the Township may require the operator to monitor such wells before, during and after such blasting.
2. The Township may require an operator to monitor all blasting activities with a seismograph and provide a copy of the seismographic readings to the Township within 48 hours of any detonation of explosives.
3. The Township may require the operator to provide periodic gas monitoring (with equipment approved by the Township official) of the basements of dwellings within the blast-affected areas if and/or when toxic or hazardous gases are detected in any vent holes (see § 7-106 of this Part) located in the row of vent holes closest to the residence or dwellings or if, at the Township official's discretion, such periodic monitoring is required for the safety and health of the general public.

§ 7-106. Drilling of Vent Holes.

[Ord. 97-12-16-1, 12/16/1997, § 6]

The Township official may require vent holes be drilled between any occupied structure or building within the blast-affected area and the blasting site. Where required, vent holes shall meet the following requirements:

- A. At least two rows shall be provided in a staggered formation, 10 feet on center; the first row to be located at a distance approximately $\frac{1}{3}$ of the distance between the shot line and the structure(s). The second row shall be located at a distance approximately $\frac{2}{3}$ of the distance between the shot line and the structure(s); with a separation of no more than 350 feet between rows.
- B. Vent holes shall be at least $3\frac{1}{2}$ inches in diameter and shall have a bottom elevation of at least one foot in depth more than the bottom elevation of the proposed shot. The refilling of vent holes shall be performed to the satisfaction of the Township Engineer and the Township official.
- C. Periodic gas monitoring shall be provided at all vent holes by the operator with gas detection equipment approved by the Township official at times immediately prior and subsequent to the explosion, approximately two hours following the explosion and on a daily basis thereafter until excavation of the blast site.

§ 7-107. Excavation.

[Ord. 97-12-16-1, 12/16/1997, § 7]

Blasting operations occurring within 600 feet of a dwelling unit must be excavating within 24 hours of the explosion.

§ 7-108. Department of Environmental Protection Regulations and the Fire Code of the Township.

[Ord. 97-12-16-1, 12/16/1997, § 8]

All blasting activities shall comply with the laws of the Commonwealth of Pennsylvania and the Department of Environmental Protection. Blasting activities shall comply with the provisions of the Fire Code of the Township. Where a section or sections of this Part conflict with the Fire Code, the most stringent shall apply. If a blasting activity violates Pennsylvania statutes, DEP regulations and guidelines or the Fire Code; the Township may revoke an operator's blasting permit.

§ 7-109. Expense of Administration.**[Ord. 97-12-16-1, 12/16/1997, § 9]**

The expense of the administration of this Part shall be borne by the operator. A reasonable escrow deposit shall be required prior to the issuance of the permit by the Township to cover such expenses and costs.

§ 7-110. Before Blasting May Commence.**[Ord. 97-12-16-1, 12/16/1997, § 10]**

An operator must comply with the following requirements of this Part before conducting blasting activities:

- A. Permit issued by the Township.
- B. Notification of all Township property owners within 750 feet of the blasting site.
- C. Certificate of insurance filed with and approved by the Township.
- D. Monitoring activities, if required by the Township.
- E. Drilling of vent holes, if required by the Township.
- F. Escrow deposit for administration expenses, if required by the Township.