



## AIR POWER, INC

P.O. Box 220098, Chantilly, Virginia 20153 Phone 703-471-4071

### MEMORANDUM

Date: 05-20-2021  
To: Property Owner(s)  
From: Donald Dommer  
Air Power, Inc.  
Subject: Blasting Operations

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Air Power, Incorporated will be conducting blasting operations as part of the development of the property located near your property.

**All blasting operations will be done in strict accordance with all local, state and federal laws and safety regulations.**

**All ground vibrations and air blasts will be monitored with seismographs on each and every blast.**

All drilling machines are equipped with a dust suppression system to limit air pollution.

Following are the normal procedures that will be utilized prior to each and every blast:

A. Site Check

The site will be checked by the blasting crew to make certain that no one is within the danger area and that all access to the site is guarded.

B. Air Horn Signals

FIFTEEN MINUTES WARNING – One long horn sound to warn on-site persons to prepare for the days “shot”.

FIVE-MINUTE WARNING - Three long horn blasts.

BLAST SIGNAL - Five short horn blasts. Blaster will fire the shot within one minute of the fifth blast if all is deemed safe.

ALL CLEAR - One long horn blast.

While blast noise and vibration can be held to non-damaging levels, it is normal for the blasts to be heard and **felt**, sometimes for considerable distances, depending upon geology and weather conditions. The human body can sense ground vibrations less than 1/100th of that necessary to cause even minor damage to residential dwellings.

Also, it should be noted that if for some reason you do not hear the warning signals, the ground vibration may surprise you and seem more intense than it actually is. Much the same phenomenon can occur if one blast is louder than another; the increase in noise sometimes is perceived as an increase in ground vibration.

If you should have any questions, please do not hesitate to contact me at 703-471-4071 or use my cell phone at 703-501-0922 between 0600 and 1600 hrs.

**Thank you for your patience and understanding.**