



Blasting Activity Permit 38234102

Project

Name/Description:

LEBANON SCHOOL PROJECT

Purpose for Blasting:

School

If Other, please describe:

Applicant

DOUGLAS EXPLOSIVES SERVICES LLC (Client 25446)

2052 PHILIPSBURG BIGLER HWY

PHILIPSBURG, PA 16866-8116

ATF License No.:

8-PA-027-20-1J-01090

Type of Business:

LLC LIMITED LIABILITY COMPANY

Contact Information

Contact Name:

JEFFREY LEE BLOOM

Title:

SALES/TECH REP

Telephone:

814-280-1978

Email:

JEFFREYBOOMER@AOL.COM

Blasting Contractor Information

Is the Applicant the Blasting Contractor? YES

Duration and Times of Blasting

Blasting Activity End Date:

04/15/2023

Anticipated days of the week and times when blasting may occur

Days:

MON thru FRI

Time:

09:00 AM thru 04:00 PM

Location of Blasting Activity

Primary County:

LEBANON COUNTY

Primary Municipality:

NORTH CORNWALL TWP

Second County:

Second Municipality:

Third County:

Third Municipality:

Latitude:

40° 19' 14.71"

Longitude:

76° 25' 7.42"

Dwellings, Structures and Utilities

Indicate distance and direction (in degrees) to the nearest building, neither owned nor leased by the permittee, from the area where blasting will occur.

Distance (in feet):

100

Direction (in degrees):

270

Indicate the method that will be employed to satisfy the monitoring requirements of Chapter 211 Subchapter G (relating to monitoring requirements).

Monitoring Method:

Seismograph

Will blasting be conducted within 200' of a buried or underground utility line or utility line making contact with the surface of the ground?

Within 200' of Utility Line:

YES

Will blasting be conducted within 800' of any public road?

Within 800' of Public Road:

YES

Precautions taken to protect the public:

TRAFFIC WILL BE STOPPED PRIOR TO DETONATION AND ALLOWED TO RESUME FOLLOWING THE BLAST. VARIOUS METHODS WILL BE USED TO PREVENT HARM OR MIGRATION FROM NOXIOUS GASSES. METHODS INCLUDE BUT NOT LIMITED TO MONITORING FOR THE PRESENCE OF NOXIOUS GAS, IMMEDIATE EXCAVATION OF SHOTS WITHIN 200 FEET OF HOMES, AND DIGGING OF TRENCHES TO CUT OFF GASSES FROM ANY KNOWN CONDUITS.

Blast Loading Plan 1 (§§211.124(a)(15),(c)(6))											
	Hole DIA.	MAX # HOLES	MAX # ROWS	BURDEN		SPACING		HOLE DEPTH		STEMMING	
				MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	TYPE
A	3	200	10	3	6	4	6	7	10	5	CLEAN CRUSHED STONE
B	3	200	10	3	6	5	6	11	20	8	CLEAN CRUSHED STONE
C	3.5	300	15	3	6	5	6	8	12	6	CLEAN CRUSHED STONE
D	3.5	300	15	3	6	6	8	13	20	9	CLEAN CRUSHED STONE

Maximum explosives weight per delay (less than 8ms): 36

Minimum Scaled Distance: 25

Method of blast initiation:

Electric Non-Electric Other

Explain other:

Comments	
A	TRENCH PATTERNS WILL BE DESIGNED FOR 2 TO 3 LB/CY OF ROCK. BULK PATTERNS WILL BE DESIGNED FOR .75 TO 1.5 LB/CY OF ROCK
B	TRENCH PATTERNS WILL BE DESIGNED FOR 2 TO 3 LB/CY OF ROCK. BULK PATTERNS WILL BE DESIGNED FOR .75 TO 1.5 LB/CY OF ROCK
C	TRENCH PATTERNS WILL BE DESIGNED FOR 2 TO 3 LB/CY OF ROCK. BULK PATTERNS WILL BE DESIGNED FOR .75 TO 1.5 LB/CY OF ROCK
D	TRENCH PATTERNS WILL BE DESIGNED FOR 2 TO 3 LB/CY OF ROCK. BULK PATTERNS WILL BE DESIGNED FOR .75 TO 1.5 LB/CY OF ROCK

Permit(s) to Purchase Explosives

Purchase Permit 1:

PP-1051

Purchase Permit 2:

Permit(s) to Store Explosives

Will explosives be stored within the proposed blasting activity area? NO

Comments

TYPES OF EXPLOSIVES WILL INCLUDE 2 AND 2.5 INCH DIAMETER EMULSION STICK POWDER, ANFO BAGS AND CAST BOOSTERS. PA ONE CALL SERIAL # 20230111689

File Attachments

Insurance Certificate
Location Map

COI 2022 2023.pdf
Lebanon School Project.jpg

[View](#)
[View](#)

Prepared By

Licensed Blaster Name:
Blaster License Number:
Submitted Date:

Jeffrey Bloom
BL-2795
01/11/2023

Inspector Review

Reviewed By:
Alt. Max. Allow. Peak Particle Velocity:
Alt. Max. Allow. Airblast:
Comments:

LLOYD DIETZ

Onsite inspection and review conducted 01/12/2023 by Lloyd Dietz. Spoke with Jeff Bloom about job. Any Blasting within 200ft of any Underground Utility shall not exceed 4.0in/sec. Any blasting within 200ft of occupied structure will be excavated immediately after. The Operator/Blaster in Charge/Permittee shall take all necessary actions to protect the health and safety of individuals from noxious gases generated by the blast as per 25 Pa. Code 211.152. Such actions may include, but are not limited to, monitoring for the presence of carbon monoxide in the vicinity of the blast, directing the site excavator to immediately excavate the blast area, excavating a break to the depth of the blast to allow venting of gases, trenching, and/or other measures, as may be appropriate to protect health and safety.

Management Action

Manager:
Final Action:
Final Action Date:

ROSS KLOCK
Issued
01/13/2023