



Pennsylvania
**Department of
Environmental Protection**

June 16th, 2025

Implosion Technologies, LLC
966 Calkins Road
Milanville, PA 18443

Re: Blasting Activity Permit
Homer City Generating Station Demolition- Silos Addendum
Permit No.: 32254001
Township: Center
County: Indiana

Ladies and Gentlemen:

I am enclosing the approved blasting activity permit addendum for this project. A copy of the blasting activity permit must be with the blaster during loading and available for review. Please read and take note of the Inspector's Comments page for this permit.

Any person aggrieved by this action may appeal the action to the Environmental Hearing Board (Board), pursuant to Section 4 of the Environmental Hearing Board Act, 35 P.S. § 7514, and the Administrative Agency Law, 2 Pa.C.S. Chapter 5A. The Board's address is:

Environmental Hearing Board
Rachel Carson State Office Building, Second Floor
400 Market Street
P.O. Box 8457
Harrisburg, PA 17105-8457

TDD users may contact the Environmental Hearing Board through the Pennsylvania Relay Service, 800-654-5984.

Appeals must be filed with the Board within 30 days of receipt of notice of this action unless the appropriate statute provides a different time. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statutes and decisional law.

A Notice of Appeal form and the Board's rules of practice and procedure may be obtained online at <https://ehb.pa.gov> or by contacting the Secretary to the Board at 717-787-3483. The Notice of Appeal form and the Board's rules are also available in braille and on audiotape from the Secretary to the Board.

IMPORTANT LEGAL RIGHTS ARE AT STAKE. YOU SHOULD SHOW THIS DOCUMENT TO A LAWYER AT ONCE. IF YOU CANNOT AFFORD A LAWYER, YOU MAY QUALIFY FOR FREE PRO BONO REPRESENTATION. CALL THE SECRETARY TO THE BOARD AT 717-787-3483 FOR MORE INFORMATION. YOU DO NOT NEED A LAWYER TO FILE A NOTICE OF APPEAL WITH THE BOARD.

IF YOU WANT TO CHALLENGE THIS ACTION, YOUR APPEAL MUST BE FILED WITH AND RECEIVED BY THE BOARD WITHIN 30 DAYS OF RECEIPT OF NOTICE OF THIS ACTION.

If you have any questions concerning this matter, please contact me at 814.472.1900.

Sincerely,



Matthew J. Riley
Mine Inspector Supervisor
Bureau of District Mining Operations

Enclosure

cc: Adam Snyder, Blasting and Explosives Inspector
File

'mrw



pennsylvania
DEPARTMENT OF ENVIRONMENTAL
PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF MINING PROGRAMS

32254001 Coal Silos 1-4 (S-M)

Permit Number:	32254001
Municipality:	Center Twp.
Issue Date:	
Auth I.D.:	

BLASTING ACTIVITY PERMIT

In accordance with the provisions of the Administrative Code of 1929 (Section 1917-A) and 25 PA Code Chapter 211.

1. **Name and description of project** Homer City Addendum for Coal Silos

2. **Applicant**

Name: **Implosion Technologies LLC**

Address: **966 Calkins Road**
Milanville, PA 18443

E-mail **DLHANEY@PTD.NET**

Type of Business **Blasting**

Telephone: **570.656.2273**

2(a) **Blasting Contractor Information**

Blasting contractor Yes ☒ No ☐

If yes,

Name: **Implosion Technologies LLC**

Address: **966 Calkins Road**
Milanville, PA 18443

Telephone: **570.656.2273**

Applicant Authorized Representative/Title Pres.

Applicant Authorized Representative (signature)

2(b)

ATF Lic./Permit Name and Number. **8-PA-127-33-8A-03440**

Emergency Contact

Name: **Donald Haney**

Title: **Pres**

Phone: **570.656.2273**

3. **Duration and Times of Blasting Activity**

Blasting activity end date **7/21/25**

Anticipated days of the week and times when blasting may occur

Days **Mon** thru **Sun** Time **7:30** ☒ AM or ☐ PM thru **5:00** ☐ AM or ☒ PM

4. **Location of Blasting Activity**

Municipality/Township **Center Township** County: **Indiana**

Map (attachment) Lat.: **40.5177** Long.: **-79.2021**

5. **Proof of Insurance** Certificate (attachment)

6. **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 4,458 feet/ 230 degrees. Indicate method that will be employed to satisfy the requirements of Chapter 211 Subchapter G (relating to monitoring requirements) 3 seismographs

Will blasting be conducted within 200' of an underground utility line (see § 211.182). Yes ☐ No ☒

Will blasting be conducted within 800' of any public roads? Yes ☐ No ☒

If yes, what precautions will be taken to protect the public?

Coal Silo 32254001

7. Blast Loading Plan

	Hole DIA.	MAX # HOLES	MAX # ROWS	BURDEN		SPACING		HOLE DEPTH		STEMMING	
				MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	TYPE
A											
B											
C											
D											
E											

Maximum explosives weight per delay (less than 8ms) 550# _____ Minimum Scaled Distance CR 548 _____

Specific Type(s) of Explosives 1 1/4x8 Unimax, 1 1/2x16 Unimax, 25/500 MS Delays, MS 500, 50 Primacord _____

Method of blast initiation Electric ☐ Non-Electric ☒ Electronic ☐ Other ☐

Explain Other: _____

Comments:

A	1690 Coal Road (40.508516 -79.213143) is 4,498' from the NID and 4,458' from the Coal Silos. Additional Seismographs: 2125 Cherry Run Road (40.531139 -79.207746) is 6,495' from the NID and 5,034' from Coal Silos. 1451 Neal Road (40.515299 -79.178337) is 5,523' from the NID and 6,553' from Coal Silos.
B	The coal silos will be shot on the same delay. Silos 1 and 2 will be legged up on 2 20' legs each. Everything will be shot on a 2'x2' pattern and the wall thickness is 22". Silo 3 and 4 are sitting on concrete walls and piers. The exterior concrete wall will be compromised up to the piers. The pier thickness ranges from 32" to 60". The max pounds per delay will stay within the 550 pounds and will be broken up with 25 MS.
C	
D	
E	

32254001 NID Lime Silo

7. Blast Loading Plan

	Hole DIA.	MAX # HOLES	MAX # ROWS	BURDEN		SPACING		HOLE DEPTH		STEMMING	
				MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	TYPE
A											
B											
C											
D											
E											

Maximum explosives weight per delay (less than 8ms) 550# _____ Minimum Scaled Distance CR 548 _____

Specific Type(s) of Explosives 1 1/4x8 Unimax, 1 1/2x16 Unimax, 25/500 MS Delays, MS 500, 50 Primacord _____

Method of blast initiation Electric ☐ Non-Electric ☒ Electronic ☐ Other ☐

Explain Other: _____

Comments:

A	1690 Coal Road (40.508516 -79.213143) is 4,498' from the NID and 4,458' from the Coal Silos. Additional Seismographs: 2125 Cherry Run Road (40.531139 -79.207746) is 6,495' from the NID and 5,034' from Coal Silos. 1451 Neal Road (40.515299 -79.178337) is 5,523' from the NID and 6,553' from Coal Silos.
B	The NID will be shot at the same time with a delay between NID 1 and NID 2. Everything will be shot on a 2'x2' pattern with depths 22" to 10.5' thick concrete. The max pounds per delay will stay with in the 550 pounds and will be broken up with 25 MS.
C	
D	
E	

32254001

9. Limits on Peak Particle Velocity and Airblast

Blasts shall be designed and conducted to achieve either a minimum scaled distance of 90 or meet the maximum allowable peak particle velocity indicated by Figure 1 of PA Code Chapter 211.151 (c) and not exceed the noise levels specified in Table 1 of PA Code Chapter 211.151 (d) at the closest building not owned or leased by the permittee or its customer.

The Department may establish an alternative peak particle velocity or airblast level if it determines that an alternative standard is appropriate. Request for the Department to establish an alternative peak particle velocity or airblast level must be submitted to the Department Blasting and Explosives Inspector in writing. (attachment)

NOTE: Additional review time will be necessary if the applicant requests that the Department establish an alternative peak particle or airblast limit.

DEPARTMENT USE ONLY

Alternative Maximum Allowable Peak Particle Velocity _____

Alternative Maximum Allowable Airblast _____

10. Permits to Store Explosives

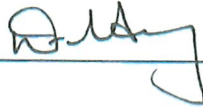
Will explosives be stored within the proposed blasting activity area? Yes ☐ No ☒

If "yes" provide current explosives storage security plan number _____

If no, explain the disposition of explosives materials used for this project _____

11. Prepared by:Name **Don Haney** _____Blaster's License BL# **BL 11118** _____

Signature: _____



ALL BLASTING ACTIVITIES SHALL BE CONDUCTED IN ACCORDANCE WITH THE BLASTING ACTIVITY PERMIT EXCEPT AS MODIFIED BY ANY TERMS AND CONDITIONS ATTACHED HERETO. UPON RECEIPT OF THIS AUTHORIZATION BLASTING ACTIVITIES MAY COMMENCE. THIS AUTHORIZATION IS VALID FOR BLASTING ACTIVITIES CONDUCTED NECESSARY FOR THE COMPLETION OF THE PROJECT IDENTIFIED AND NAMED IN SECTION 1 OF THIS PERMIT.

DEPARTMENT USE ONLY

Blasting and Explosives Inspector

Adam M Snyder

ID #

700475

Based on the information provided by the applicant, the blasting activities proposed in this application can be conducted in accordance with Pa. Code Chapter 211.

Signature


Recommended Approval Yes ☒ No ☐Date 06/16/25For the Department: Name Matthew J. RileyTitle Mine Insp. Supervisor

If this is a demolition or implosion project, has the Bureau of Air Quality been notified? Yes ☒ No ☐

If no, immediately notify the Chief of the Explosives and Safety Section.

Note: The Chief of the Explosives Safety Section must also be notified of demolition projects, projects directly affecting a public waterway, or any other project requiring special considerations outside the scope of typical blasting operations.

Signature


Approval Yes ☒ No ☐Date 6/16/25

Comments:

See attached comments sheet.

Blasting Inspector's Comments for BAP 32254001

Coal Cleaning Building Addendum

1. An alternative air overpressure limit of 140 dBL shall apply to this permit for all monitoring locations
2. The permittee shall monitor the atmosphere for signs of an atmospheric thermal inversion. Blasting shall not be conducted during observed thermal inversion conditions.
3. Blocking of all public roads is to be coordinated with the appropriate transportation authorities and/or law enforcement.
4. Permittee is reminded that there is no unattended storage of explosives on the site without first obtaining a Site Security Plan and Magazine Storage Licenses. All explosives are to be attended at all times and all unused explosives are to be removed at the completion of blasting activities.
5. The addendum applies only to the concrete coal or limestone material silos as identified in this permit addendum. The applicant will submit additional addendums to this permit prior to each additional phase of the blasting to be conducted.
6. This permit authorizes blasting activity only. Additional state or local permits may be required for this or related activities.



Adam M. Snyder



Date

Blasting Explosives Inspector

District Mining Operations



Matthew J. Riley



Date

Mine Inspector Supervisor

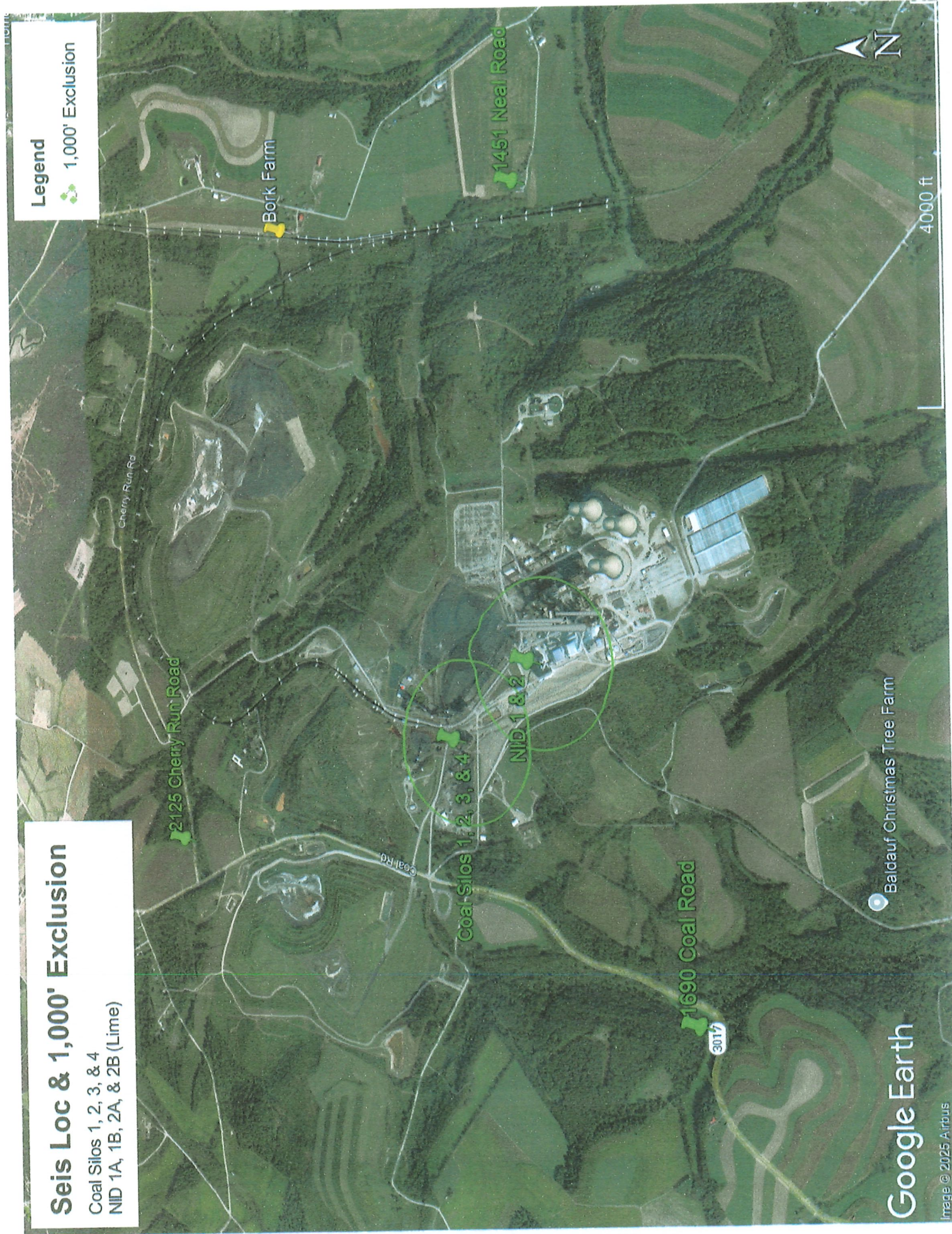
District Mining Operations

Seis Loc & 1,000' Exclusion

Coal Silos 1, 2, 3, & 4
NID 1A, 1B, 2A, & 2B (Lime)

Legend

1,000' Exclusion



Google Earth

Image © 2025 Airbus

Seis Loc & 1,000' Exclusion

Coal Silos 1, 2, 3, & 4
NID 1A, 1B, 2A, & 2B (Lime)

Legend

 1,000' Exclusion

Coal Silos 1, 2, 3, & 4

NID 1 & 2

Unit Mix

Google Earth

N

1,000 ft