

The PA DCNR Conservation Measures listed in the FNDI will be followed to protect plant species of special concern.

Building Key

IT	House
TR	Trailer
B	Basement
C	Cellar
G	Garage
F	Foundation
S	Site
CH	Church

N40° 00' 42.0"
W80° 03' 10.0"

N40° 00' 42.0"
W80° 01' 48.0"

N39° 59' 46.0"
W80° 01' 46.0"

Property Ownership

- John Kosky Contracting Inc.
- Clyde Holding, Inc.
- John Kosky Contracting Inc.
- John Kosky Contracting Inc.
- John Alan & Stacy A. Kosky
- Peoples Natural Gas Company LLC
- Peoples Natural Gas Company LLC
- Kathleen Martinic & Dan B. Derber
- Cathy H. & John P. Lozowsky
- Dolores Thompson & Leslie A. Hutchins, Jr.
- Edgar C. Sweeney, Jr. & Carol Hupp
- Raymond R. & Tammy M. Schmitt
- Frank & Mary Jane Elav
- Travis D. & Shannon R. Rhodes
- William & Dana Miskley
- Wilford A. & Pearlise Buel
- John L., Jr. & Kim Ondrik
- Paul A. & Deanne Hein
- Robert E. & Patricia L. Kiefer
- David & Robert G. Sloan
- Bryan L. Lancaster
- Virginia A. Crawford Rev. Trust
- Christopher J. & Brittany N. Coffield
- Christopher J. & Brittany N. Coffield
- East Bethlehem Church
- Kenneth & Kathleen Harasty
- Michael J. & Sylvia A. Burke
- Alyssa M. Ford
- David A. Webeck & James C. Webeck
- Joshua A. Zuprowski
- James C. & Marika Webeck
- Robert J. & Marsha L. Sweeney
- Robert J. & Marsha L. Sweeney
- Southwestern PA Water Co.
- Renee E. Simpson
- William L. Beck
- Buckingham Cemetery Assn
- Mark A. Yone
- John Alan & Stacy A. Kosky
- John Alan & Stacy A. Kosky
- Frank G. & Margaret J. Startare & Joseph J. Startare
- Joseph J. & Nena M. Startare
- Jason White
- Freddie D. Ervin
- Deborah J. & Joseph C. Shriner
- Deborah J. & Joseph C. Shriner
- Robin L. Doman & Susan G. Guinchuck
- Joseph A. & Shirley S. Yablonski and Joseph M. Yablonski
- Harold & Kathleen Rice
- Harold & Kathleen Rice
- Margaret A. Furman & Katherine M. Kasula
- Margaret A. Furman & Katherine M. Kasula
- Bethanne L. Morgan
- Carroll Farms LTD Partnership
- David A. Smerczek
- Joanna L. Dragan

Mine Summary Chart

Key	Operator	Permit No.	Mine Name	Status	Coal Seams
I	Neiswonger Construction, Inc.	6310401	Surface Mines		
II	Neiswonger Construction, Inc.	6311011	Maggie Lynn Quarry	Active	Berwood Limestone
III	PA Coal Reclamation, Inc.	63813210	Bugger #1	Completed	Wvg
IV	PA Coal Reclamation, Inc.	63813210	Hawkins	Active	Coal Refuse Reprocessing
V	Night Industries, Division of U.S. Natural Resources, Inc.	32475843	LOS	Completed	Wvg
VI	Boyle Land & Fuel Co.	6380108	Fitzwater	Completed	Wvg
VII	Boyle Land & Fuel Co.	6382306	Huffman	Completed	Wvg
VIII	Nardie Contracting Co., Inc.	3275SM30	Fitzwater	Completed	Wvg
IX	BCNR Mining Corp.	63743703	Clyde Mine-Black Dog Hollow	Abandoned	Coal Refuse Disposal
X	Westmont Coal Company, Inc.	6376144	Deemston	Completed	Wvg
XI	BRN Resources, Inc.	32475846	Fargo	Abandoned	Wvg
XII	B.L.F. Corp.	326765M8	Busha	Completed	Wvg
XIII	Dragan & Son	328765M2	Belle No. 11	Completed	Wvg
XIV	MonValley Steel Company, Inc.	63891301	Clyde	Completed	Pittsburgh
XV	Unknown	Unknown	Country Bank	Abandoned	Wvg

Location shown on Exhibit 6.1
The Clyde underground mine underlies the entire permit boundary and the 1000' perimeter around it.

100-YEAR FLOOD PLAIN LIMIT FROM FEMA'S FLOOD INSURANCE RATE MAPS #4125C0545E & #4125C0706E
100-YEAR FLOOD PLAIN (ELEVATION 823.5) AFTER CONSTRUCTION OF SEDIMENTATION POND P-1

Legend

	Permit Boundary - 336.7 acres
	Surface Site Boundary - 87.5 acres
	Underground Permit Boundary - 256.6 acres
	1000' Perimeter
	23 Property Line
	Municipal Boundary
	Utility (overhead)
	Utility (underground)
	E-Electric T-Telephone
	O-Oil G-Gas W-Water
	Buildings (occupied/unoccupied)
	Existing Gas Well
	Existing Public Roads
	Existing Private Roads
	Variance Area - Surface Mining Allowed
	Restricted - No Surface Mining Without a Variance
	Wetlands - Delineated, Flagged and Surveyed
	Wetlands - Field Identified and Mapped
	Deep Mined Areas and Portal
	Previously Surface Mined Areas - Reclaimed
	Existing Culverts
	RCP-Reinforced Concrete Pipe CPP-Corrugated Plastic Pipe
	CMP-Corrugated Metal Pipe SP-Steel Pipe
	Cementeries - N/A
	Perennial Stream
	Intermittent Stream
	Ephemeral Stream
	Relocated / Reconstructed UNT "E"
	Existing Pond/Impoundment
	Indicates dwelling is served by public water
	Proposed Final Highwall
	Existing Highwall
	Reclaimed Highwall (4/2021)

BLASTING AREA - SURFACE

	Proposed Blasting Area
	1,000' Perimeter From Proposed Blasting Area

BLASTING AREA - UNDERGROUND

	Proposed Blasting Area
	1,000' Perimeter From Proposed Blasting Area

Notes:

- The base map is comprised of topography (5' C.1.) developed from LIDAR Z contour data obtained from the PASDA website. The locations of roads, buildings, surface water features and other cultural data were obtained from the Elsworth & Mather, PA 7.5 USGS Quadrangle maps and supplemented/corrected by field survey and available aerial photography.
- The property lines and property ownership shown on this map were obtained from Washington County and from Greene County tax assessment maps and records. This map does not represent an actual field survey of the properties shown and should not be used as such. All surface and mineral ownership information should be verified by the permittee.
- All overburden and test hole elevations and locations were determined by field survey.
- The location and extent of abandoned surface and deep mine workings depicted on this map are based upon available data without the benefit of a final certified mine map. Accordingly, neither GeoTech Engineering, Inc. nor the professional engineer / professional geologist signing this map certifies, warrants or guarantees the precise location or extent of abandoned, reclaimed or active workings depicted herein. Unknown or unmappped mines may extend beyond the depicted boundaries and may contain abandoned mine pools as well as other safety hazards.
- This map is georeferenced to the Pennsylvania State Plane South, North American Datum 1983 (NAD 83) coordinate system.
- All units are in feet.

Neiswonger Construction, Inc.
17592 Route 322, Strattanville, PA 16258
Phone: (814) 764-3455

Maggie Lynn Underground Mine
Permit No. 63192001
Exhibit 16.17: Blasting Map

Deemston Borough Washington County

Scale 1" = 200'
0 200 400

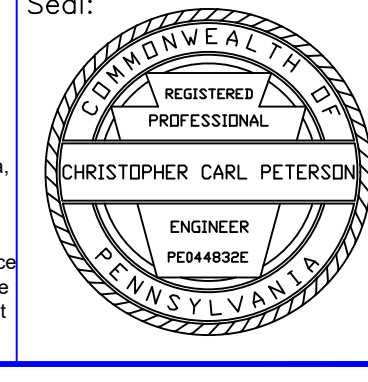
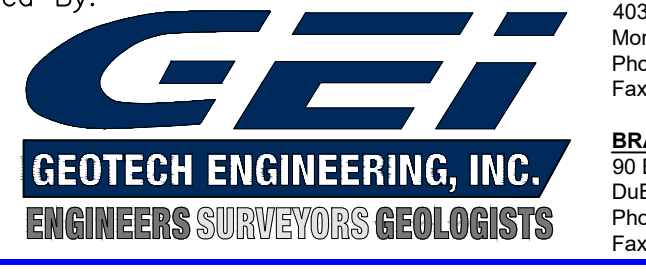


PENNSYLVANIA ACT 187 (1991) REQUIRES 3 WORKING DAYS NOTICE FROM EXCAVATORS WHO ARE ABOUT TO DIG, BLAST, AUGER, BORE, GRADE, TRENCH OR DEMOLISH ANYWHERE IN THE COMMONWEALTH.

Date: December, 2021

Revisions: June, 2023

Prepared By: G.E.I.



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In the design phase of this project, GeoTech Engineering, Inc. performed a PA One Call inquiry for the proposed permit area. All underground utility owners that responded to the PA One Call submission were contacted and their utilities are depicted on the Exhibit, as located in the field or from existing provided from the utility. However, in direct violation of the rules of the Commonwealth of Pennsylvania, not all underground utility owners are registered with the PA One Call System. Where evidence suggests there are additional underground utilities in the permit area, GeoTech Engineering, Inc. contacted the utility owner to properly depict the underground utility location on the Exhibit. Current landowners are not always aware of underground utilities on their property and there may not be any visual evidence of an underground utility owned by those not registered with the PA One Call System. Accordingly, the permit applicant, GeoTech Engineering, Inc. nor the professional engineer signing this map certifies that the map depicts underground utilities that are not properly registered with the PA One Call System.