

- ### Legend
- Permit Boundary - 359.1 acres
 - Surface Site Boundary - 110.1 acres
 - Underground Permit Boundary - 256.6 acres
 - 1000' Perimeter
 - 23 Property Line
 - Property Line
 - Municipal Boundary
 - Utility (overhead) E-Electric T-Telephone
 - Utility (underground) 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
 - Cemeteries - N/A
 - Perennial Stream
 - Intermittent Stream
 - Ephemeral Stream
 - Relocated / Reconstructed UNT "E"
 - Existing Pond/Impoundment
 - Indicates dwelling is served by public water
 - Proposed Final Highway
 - Existing Highway
 - Reclaimed Highway (4/2021)
 - Overhead Utility Pole
 - Earthen Berm
 - Collection Ditch
 - Diversion Ditch
 - Sedimentation Pond
 - Roadside Sediment Trap
 - No underground mining until PennDOT approval is secured

- ### 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

N40° 00' 42.0"
W80° 03' 10.0"

N40° 00' 42.0"
W80° 01' 48.0"

- ### Property Ownership
1. John Kosky Contracting Inc.
 2. Clyde Holding, Inc.
 3. John Kosky Contracting Inc.
 4. John Kosky Contracting Inc.
 5. John Alan & Stacy A. Kosky
 6. Peoples Natural Gas Company LLC
 7. Peoples Natural Gas Company LLC
 8. Kathleen Martinic & Dan B. Derber
 9. Cathy H. & John P. Lozosky
 10. Dolores Thompson & Leslie A. Hutchins, Jr.
 - 10A. Edgar C. Swamy, Jr. & Carol Hupp
 - 10B. Raymond R. & Tammy M. Schmitt
 11. Frank & Mary Jane Elaw
 12. Travis D. & Shannon R. Rhodes
 13. William & Dana Miklay
 14. Wilford A. & Pearlise Buel
 15. John L. & Kim Ondrik
 16. Paul A. & Deanne Hein
 17. Robert E. & Patricia L. Kiefer
 18. David K. & Robert G. Sloan
 19. Brian L. Lancaster
 20. Virginia A. Crawford Rev. Trust
 21. Christopher J. & Brittany N. Coffield
 22. Christopher J. & Brittany N. Coffield
 23. East Bethlehem Church
 24. Kenneth & Cathleen Harasty
 25. Michael J. & Sylvia A. Burke
 26. Alyssa M. Ford
 27. David A. Webeck & James C. Webeck
 28. Joshua A. Zuprowski
 29. James C. & Marika Webeck
 30. Robert J. Swamy
 - 30A. Robert J. & Marika L. Swamy
 31. Southwestern PA Water Authority
 32. Renee E. Simpson
 33. William L. Beck
 34. Buckingham Cemetery Assn
 35. Mark A. York
 36. John Alan & Stacy A. Kosky
 37. John Alan & Stacy A. Kosky
 38. Frank G. & Margaret J. Startare & Joseph J. Startare
 39. Joseph J. & Nena M. Startare
 40. Jason White
 41. Freddie D. Ervin
 42. Deborah J. & Joseph C. Shriner
 43. Deborah J. & Joseph C. Shriner
 44. Robin L. Doman & Susan G. Genschuck
 45. Joseph A. & Shirley S. Yablonksi and Joseph M. Yablonksi
 46. Harold & Kathleen Rice
 47. Harold & Kathleen Rice
 48. Margaret A. Furman & Katherine M. Kasula
 49. Margaret A. Furman & Katherine M. Kasula
 50. Bethanne L. Morgan
 51. Carlisle Farms LTD Partnership
 52. David A. Smerczek
 53. Joanna L. Dragan

Mine Summary Chart

Key	Operator	Permit No.	Mine Name	Status	Coal Seams
I	Neiswonger Construction, Inc.	6310401	Surface Mines	Active	Berwold Limestone
II	Neiswonger Construction, Inc.	6311011	Maggie Lynn Quarry	Completed	Wvg
III	PA Coal Reclamation, Inc.	63813210	Bugger #1	Active	Coal Refuse Reprocessing
IV	Night Industries, Division of U.S. Natural Resources, Inc.	32475843	LOS	Completed	Wvg
V	Boyle Land & Fuel Co.	6380108	Fitzwater	Completed	Wvg
VI	Boyle Land & Fuel Co.	6382306	Huffman	Completed	Wvg
VII	Nardie Contracting Co., Inc.	32755M30	Fitzwater	Completed	Wvg
VIII	BCNR Mining Corp.	63743703	Clyde Mine-Black Dog Hollow	Abandoned	Coal Refuse Disposal
IX	Westmont Coal Company, Inc.	6376144	Deemston	Completed	Wvg
X	TRAM Resources, Inc.	6247536	Fargo	Abandoned	Wvg
XI	B.L.F. Corp.	328763M8	Busha	Completed	Wvg
XII	Dragan & Son	328763M2	Belle No. 11	Completed	Wvg
XIII	MonValley Steel Company, Inc.	63891301	Country Bank	Completed	Pittsburgh
XIV	Unknown	Unknown	County Bank	Abandoned	Wvg

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

- ### Notes:
1. The base map is comprised of topography (5' C.I.) 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.
 2. 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.
 3. All overburden and test hole elevations and locations were determined by field survey.
 4. 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.
 5. This map is georeferenced to the Pennsylvania State Plane South, North American Datum 1983 (NAD 83) coordinate system.
 6. 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

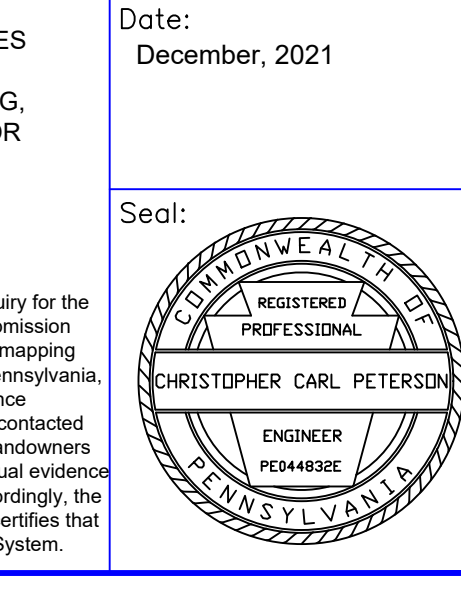
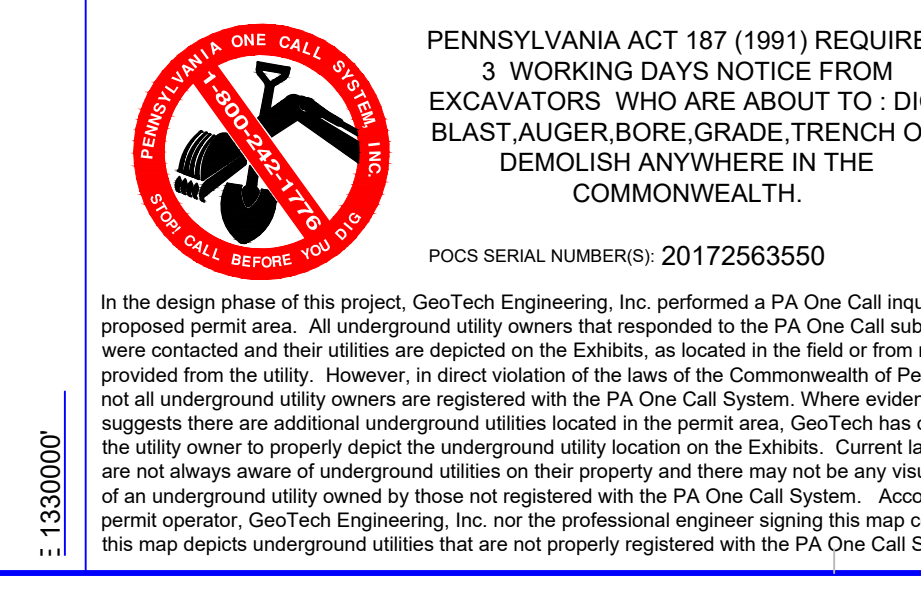
Deemston Borough Washington County

Revisions:
June 2023
December 2023

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Date: December, 2021

Scale 1" = 200'

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

POCS SERIAL NUMBER: 20172663550

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 great reliance on the data 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.