

ENDANGERED PLANT 50' BUFFER ZONE WITH ORANGE CONSTRUCTION FENCE AROUND THE PERIMETER

- ### Legend
- Permit Boundary - 336.7 acres
 - Surface Site Boundary - 87.5 acres
 - Underground Permit Boundary - 252.1 acres
 - 1000' Perimeter
 - Property Ownership (keyed to table and module 5)
 - 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
 - Restricted Mining Zone
 - 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 CPD-Corrugated Plastic Pipe
 - CMP-Corrugated Metal Pipe SP-Steel Pipe
 - Cemeteries - N/A
 - Perennial Stream
 - Intermittent Stream
 - Ephemeral Stream
 - Existing Pond/Impoundment
 - PUBLIC
 - Indicates dwelling is served by public water
 - Proposed Final Highway

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

- ### 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. Equitable Gas Co.
 7. Equitable Gas Co.
 8. Kathleen Martinic et al
 9. Cathy H. & John P. Lenczyk
 - 10A. Dolores Thompson & Leslie A. Hutchins, Jr.
 - 10B. Edgar C. Sweeney, Jr. & Carol Hupp
 - 10C. Gary F. Wolf
 11. Frank & Mary Jane Elaw
 12. Travis D. & Shannon R. Rhodes
 13. William & Dana Miskley
 14. Willford A. & Pearlie Buel
 15. John L. & Kim Ondrik
 16. Paul A. & Deanne Hein
 17. Robert E. & Patricia L. Kiefer
 18. David K. & Robert G. Sloan
 19. Bryan L. Lancaster
 20. Virginia A. Crawford Rev. Trust
 21. Christopher J. & Brittany N. Coffield
 22. Harriet Keys Estate & William M. Keys
 23. East Bethlehem Church
 24. Kenneth & Cathleen Harasty
 25. Michael J. & Sylvia A. Burke
 26. Alyssa M. Ford
 27. Thelma L. Webeck
 28. Joshua A. Zuzowski
 29. James C. & Marlou Webeck
 30. Robert Sweeney and Donald & Marlou Webeck
 - 30A. Robert J. & Marla L. Sweeney
 31. Southwestern PA Water Co.
 32. Renee E. Simpson
 33. William L. Beck
 34. Buckingham Cemetery Assn
 35. Mark A. Yohe
 36. Earl, II & Tracy L. Gilpin
 37. Earl, II & Tracy L. Gilpin
 38. Frank G. & Margaret 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 & S.G. Gurchuck and Mr. & Mrs. Tracy M. Doman, Jr.
 45. Joseph A. & Shirley S. Yabonski and Joseph M. Yabonski
 46. Harold & Kathleen Rice
 47. Harold & Kathleen Rice
 48. Margaret A. Furman & Katherine M. Kasula
 49. Margaret A. Furman & Katherine M. Kasula
 50. Arlene Rhodes
 51. John A. Cantlon
 52. David A. Smerczniak
 53. Joanna L. Dragan

Mine Summary Chart

Key	Operator	Permit No.	Mine Name	Status	Coal Seams
I	Neiswonger Construction, Inc.	6310401	Maggie Lynn Quarry	Active	Berwood Limestone
II	Neiswonger Construction, Inc.	6311011	Sugger #1	Completed	Wbg
III	PA Coal Reclamation, Inc.	63813210	Hawkins	Active	Coal Refuse Reprocessing
IV	Yonight Industries, Division of U.S. Natural Resources, Inc.	32A775M43 32745M29	LOS	Completed	Wbg
V	Boyle Land & Fuel Co.	6386106	Fitzwater	Completed	Wbg
VI	Boyle Land & Fuel Co.	6382306	Huffman	Completed	Wbg
VII	Dragan & Son	32B765M2	Belle #11	Completed	Wbg
VIII	B.L.F. Corp.	32B765M8	Busha	Completed	Wbg
IX	Narden Contracting Co., Inc.	3275M430	Fitzwater	Completed	Wbg
X	Westmont Coal Company, Inc.	6376144	Deemston	Completed	Wbg
XI	TRAM Resources, Inc.	32A775M6	Fargo	Completed	Wbg
XII	B.L.F. Corp.	32B765M8	Busha	Completed	Wbg
XIII	Dragan & Son	32B765M2	Belle No. 11	Completed	Wbg
XIV	MonValley Steel Company, Inc.	63891301	Clyde	Completed	Pittsburgh
XV	Unknown	Unknown	County Bank	Abandoned	Wbg

* 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 #42125C0545E & #42125C0706E
 --- 100-YEAR FLOOD PLAIN (ELEVATION 823.5) AFTER CONSTRUCTION OF SEDIMENTATION POND P-1

- ### Notes:
1. The base map is comprised of topography (5' C.I.) developed from LIDAR 2' 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 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 hereon. 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 Prepared by: Washington County

Revisions: _____ Prepared By: **GEI**
GEOTECH ENGINEERING, INC.
 ENGINEERS SURVEYORS GEOLGISTS

Seal:

Date: December, 2021

POCS SERIAL NUMBER: 20112563550

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.

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. Various evidence suggests that some utility owners are not registered with the PA One Call System. GeoTech Engineering, Inc. is not responsible for 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.

Scale 1" = 200'

0 200 400