

SIX-MONTH PROJECTIONS MAP KEY

- UNDERGROUND SUBSIDENCE BOUNDARY
- LOWER KITTANNING COAL SEAM
- SIX MONTH LINE - CONTEMPLATED
- MINING FROM 315000 TO 315004
- SURVEY DATE: 03/15/2024
- 30' ENTRY WIDTH

NOTES

- SURFACE FEATURES INCLUDING AND NOT LIMITED TO BUILDINGS, CONTAINERS, ROADWAYS, UTILITIES, & WATERWAYS TAKEN FROM THE FOLLOWING:
 - ORTHOPHOTOGRAPHIC
 - PAERMAP PROGRAM, PA DCNR, BUREAU OF TOPOGRAPHIC AND GEOLOGIC SURVEY
 - TIME PERIOD OF ACQUISITION: APRIL 19, 2009
 - TOPOGRAPHIC CONTOURS
 - PAERMAP PROGRAM, PA DCNR, BUREAU OF TOPOGRAPHIC AND GEOLOGIC SURVEY
 - TIME PERIOD OF ACQUISITION: APRIL 19, 2009
 - DONEGAL, SALT LICK, AND SEVEN SPRINGS USGS QUADRANGLES
 - U.S. GEOLOGICAL SURVEY 1996
- PROPERTY LINES WERE TAKEN FROM POSTURES AND FAYETTE COUNTY TAX MAPS AND DO NOT REPRESENT ACTUAL SURVEY OF THE PROPERTY. STATE PLANS SOUTH.
- COORDINATES ARE NORTH AMERICAN DATUM OF 1983 (NAD 83), PENNSYLVANIA STATE PLANS SOUTH.
- THERE ARE NO KNOWN OIL OR GAS WELLS INSIDE THE PERMIT AREA.
- WATERLINE INFORMATION PROVIDED BY INDIAN CREEK VALLEY WATER AUTHORITY AND ALL LOCATIONS ARE APPROXIMATE. SIZE & COMPOSITION ARE UNKNOWN UNLESS NOTED.
- THERE WILL BE A 2.0 OR GREATER COAL PILLAR SAFETY FACTOR MAINTAINED ACROSS THE ENTIRE UNDERGROUND PERMIT AREA.

LEGEND

	SURFACE SITE BOUNDARY		SURFACE PARCEL IDENTIFICATION NUMBER		BACKGROUND SAMPLE LOCATION
	UNDERGROUND PERMIT BOUNDARY		SURFACE PROPERTY LINE		MONITORING POINT LOCATION
	LOWER KITTANNING COAL SEAM		MINERAL OWNERSHIP LINE		PIEZOMETER
	LOWER KITTANNING COAL SEAM PUBLICLY PROTECTED STRUCTURE		MINERAL OWNERSHIP IDENTIFICATION		PUBLIC WATER SUPPLY
	COMMERCIAL STRUCTURE		GRAVEL ROAD		LOWER KITTANNING COAL SEAM CONTOUR (500)
	OCCUPIED DWELLING		PAVED ROAD		LOWER KITTANNING COVER CONTOUR
	UNOCCUPIED STRUCTURE		WETLANDS		COAL THICKNESS PROJECTED FROM DRILLING (COAL THICKNESS 50' @ 8' INTERVALS)
	MOBILE LOADING TRAILER		POND		DEEP MINE OUTLINE (LOWER KITTANNING)
	UTILITY LINE (60-GH)		STREAM		UNDERGROUND MINE OPENING WITH REFERENCE
	WATER LINE (INDIAN CREEK VALLEY WATER AUTHORITY)		DRAINAGE COURSE		WELL PROTECTION BARRIER
			BARRIER - HYDRAULIC (NO MINING)		BARRIER - PRIVATE AGREEMENT (NO MINING)

REVISIONS

No.	By	Date	Description
4	RJB	03-31-2020	Projection 3
5	RJB	10-30-2020	Projection 4
6	RJB	04-07-2021	Projection 5
7	RJB	10-15-2021	Projection 6
8	RJB	04-05-2022	Projection 7
9	RJB	10-24-2022	Projection 8
10	RJB	05-09-2023	Projection 9
11	RJB	10-05-2023	Projection 10
12	RJB	04-15-2024	Projection 11

Drawn By:	DJP
Checked By:	JWL
Date:	07-15-2019
Scale:	1" = 200'
Project No.:	0721-S161
File Name:	RUSTIC RIDGE #1-6-MONTH BASE.DWG
Drawing:	2 OF 7

Apex Companies, LLC
 165 East Union St., Suite 100
 Somerset, Pennsylvania 15501
 Phone: (814) 43-3344
 www.apexcos.com

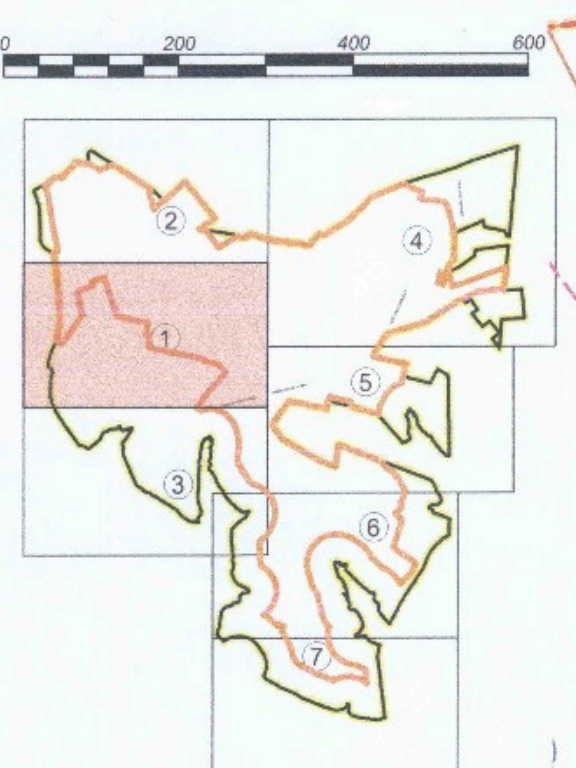
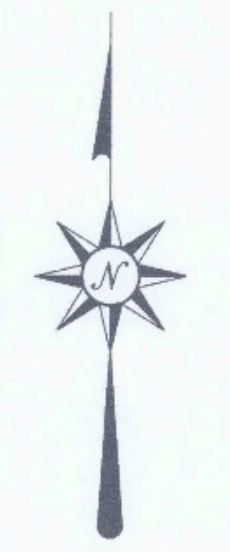
EXHIBIT 22.6: SIX-MONTH SUBSIDENCE MAP
 PROJECTION: 11

LCT RECEIVED
 APR 17 2024

RUSTIC RIDGE #1
 LOWER KITTANNING COAL SEAM
 CMAP# 65131301 MSHA ID # 3610089
 DONEGAL AND SALT LICK TOWNSHIPS
 WESTMORELAND & FAYETTE COUNTIES, PENNSYLVANIA

NOTES:

- SURFACE FEATURES INCLUDING BUT NOT LIMITED TO BUILDINGS, CONTOURS, ROADWAYS, UTILITIES, & WATERWAYS TAKEN FROM THE FOLLOWING:
 - TOPOGRAPHIC PHOTOS
 - PAMAP PROGRAM, PA DCMR, BUREAU OF TOPOGRAPHIC AND GEOLOGIC SURVEY
 - TIME PERIOD OF CONTENT: APRIL 19, 2006
 - TOPOGRAPHIC CONTOURS
 - PAMAP PROGRAM, PA DCMR, BUREAU OF TOPOGRAPHIC AND GEOLOGIC SURVEY
 - TIME PERIOD OF CONTENT: APRIL 2006
 - DONEGAL, STATIONERS, AND SEVEN SPRINGS LEGISLATIVE DISTRICTS
 - U.S. GEOLOGICAL SURVEY, 1996
- PROPERTY LINES WERE TAKEN FROM WESTMORELAND AND FAYETTE COUNTY TAX MAPS AND DO NOT REPRESENT ACTUAL SURVEY OF THE PROPERTY.
- COORDINATES ARE NORTH AMERICAN DATUM OF 1983 (NAD 83), PENNSYLVANIA STATE PLANE SOUTH.
- THERE ARE NO KNOWN OIL OR GAS WELLS INSIDE THE PERMIT AREA.
- WATERLINE INFORMATION PROVIDED BY USMAK CREEK VALLEY WATER AUTHORITY AND ALL LOCATIONS ARE APPROXIMATE. SIZE & COMPOSITION ARE UNKNOWN UNLESS NOTED.
- THERE SHALL BE A 1.0 OR GREATER COAL PILLAR SAFETY FACTOR MAINTAINED ACROSS THE ENTIRE UNDERGROUND PERMIT AREA.



SIX-MONTH PROJECTIONS MAP KEY

- UNDERGROUND SUBSIDENCE BOUNDARY
- LOWER KITTANNING COAL SEAM
- SIX MONTH LINE - CONTINGUATED, MINING FROM 1/25/2024 TO 7/15/2024
- SURVEY DATE: 03/15/2024
- 30' ENTRY WIDTH



LEGEND

	SURFACE OFFSET BOUNDARY		SURFACE PARCEL IDENTIFICATION NUMBER
	UNDERGROUND PRESENT BOUNDARY		MINERAL OWNERSHIP LINE
	UNDERGROUND SUBSIDENCE BOUNDARY		PUBLIC-PROTECTED STRUCTURE
	PUBLIC-PROTECTED STRUCTURE		COMMERCIAL STRUCTURE
	OCCUPIED DWELLING		WETLANDS
	UNOCCUPIED STRUCTURE		POUND
	MOBILE CAMPING TRAILER		STREAM
	UTILITY LINE (GAS)		DRAINAGE COURSE
	WATER LINE (CREEK VALLEY WATER AUTHORITY)		

REVISIONS

No.	By	Date	Description
6	EKT	02-12-2021	Projection 4 - Revision 1
7	RJB	04-07-2021	Projection 5
8	RJB	05-21-2021	Projection 5 - Revision 1
9	RJB	10-15-2021	Projection 6
10	RJB	04-05-2022	Projection 7
11	RJB	10-24-2022	Projection 8
12	RJB	05-09-2023	Projection 9
13	RJB	10-05-2023	Projection 10
14	RJB	04-15-2024	Projection 11

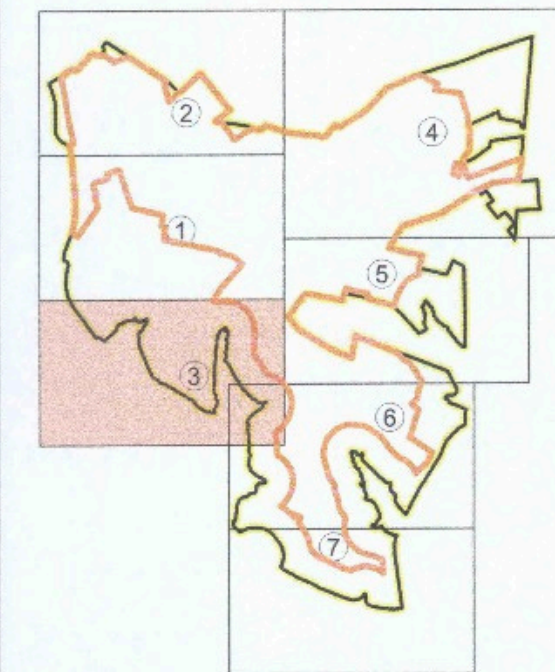
Drawn By:	DJP
Checked By:	JWL
Date:	07-15-2019
Scale:	1" = 200'
Project No.:	0721-S161
File Name:	RUSTIC RIDGE #1- 6-MONTH BASE.DWG
Drawing:	1 OF 7

Apex Companies, LLC
 165 East Union St., Suite 100
 Somerset, Pennsylvania 15501
 Phone: (814) 443-3344
 www.apexcos.com

EXHIBIT 22.6: SIX-MONTH SUBSIDENCE MAP
 PROJECTION: 11

LCT
 RUSTIC RIDGE #1
 LOWER KITTANNING COAL SEAM
 CMAP# 65131301 MSHA ID # 3610089
 DONEGAL AND SALTICK TOWNSHIPS
 WESTMORELAND & FAYETTE COUNTIES, PENNSYLVANIA

RECEIVED
 MAY 28 2024



NOTES

- SURFACE FEATURES INCLUDING AND NOT LIMITED TO BUILDINGS, CONTOURS, ROADWAYS, UTILITIES, & WATERWAYS TAKEN FROM THE FOLLOWING:
 - ORTHOPHOTOGRAPHIC PHOTOGRAPHY PROGRAM, FEDERAL BUREAU OF TOPOGRAPHIC AND GEOLOGIC SURVEY
 - TIME PERIOD OF CONTENT: APRIL 19, 2008
 - TOPOGRAPHIC CONTOURS - JPM&P PROFESSIONAL, P.A. LOCAL BUREAU OF TOPOGRAPHIC AND GEOLOGIC SURVEY
 - TIME PERIOD OF CONTENT: APRIL 2008
 - DONEGAL, SALTICKTOWN, AND SEVEN SPRINGS USGS QUADRANGLES - U.S. GEOLOGICAL SURVEY, 1996
- PROPERTY LINES WERE TAKEN FROM WESTMORELAND AND FAYETTE COUNTY TAX MAPS AND DO NOT REPRESENT ACTUAL SURVEY OF THE PROPERTY.
- COORDINATES ARE NORTH AMERICAN DATUM OF 1983 (NAD 83), PENNSYLVANIA STATE PLAINS SOUTH.
- THERE ARE NO KNOWN OIL OR GAS WELLS INSIDE THE PERMIT AREA.
- WATERLINE INFORMATION PROVIDED BY INDIAN CREEK VALLEY WATER AUTHORITY AND ALL LOCATIONS ARE APPROXIMATE. SIZE & COMPOSITION ARE UNKNOWN UNLESS NOTED.
- MINING BENEATH STATE ROADS AND WITHIN THE ANGLE OF DRAIN OF THESE ROADS WILL BE PERMITTED ONLY WITH A 2:1 SLOPE SAFETY FACTOR. THE SUPPORT AREA SHALL BE DESCRIBED AS A LINE STARTING AT THE OUTSIDE RIGHT OF WAY LINE, PROJECTING DOWNWARD 15 DEGREES FROM VERTICAL TO THE BOTTOM OF THE COAL SEAM.
- THERE WILL BE A 1.0 OR GREATER COAL PILLAR SAFETY FACTOR MAINTAINED AROUND THE ENTIRE UNDERGROUND PERMIT AREA.

SIX-MONTH PROJECTIONS MAP KEY

--- UNDERGROUND SUBSIDENCE BOUNDARY
 --- SIX MONTH LINE - CONTEMPLATED MINING FROM 3/15/2024 TO 9/15/2024

SURVEY DATE: 02/15/2024
 BY ENTRY WIDTH

LEGEND

<p>0.75 ACRES SURFACE SITE BOUNDARY</p> <p>0.75 ACRES UNDERGROUND PERMIT BOUNDARY</p> <p>0.75 ACRES LOWER KITTANNING COAL SEAM</p> <p>0.75 ACRES LOWER KITTANNING COAL SEAM</p> <p>0.75 ACRES PUBLIC-PROTECTED STRUCTURE</p> <p>COMMERCIAL STRUCTURE</p> <p>OCCUPIED DWELLING</p> <p>UNOCCUPIED STRUCTURE</p> <p>MOBILE CAMPING TRAILER</p> <p>UTILITY LINE (G-GAS)</p> <p>WATERLINE (INDIAN CREEK VALLEY WATER AUTHORITY)</p>	<p>0.00 SURFACE PARCEL IDENTIFICATION NUMBER</p> <p>0.00 SURFACE PROPERTY LINE</p> <p>0.00 MINERAL OWNERSHIP IDENTIFICATION</p> <p>0.00 MINERAL OWNERSHIP IDENTIFICATION</p> <p>0.00 LOWER KITTANNING COVER CONTOUR</p> <p>0.00 COAL THICKNESS PROJECTED FROM DRILLING (COAL THICKNESS 345' @ 6' INTERVALS)</p> <p>0.00 DEEP MINE OUTLINE (LOWER KITTANNING)</p> <p>0.00 UNDERGROUND MINE OPENING WITH REFERENCE</p> <p>0.00 WELL PROTECTION BARRIER</p> <p>0.00 BARRIER - HYDRAULIC (NO MINING)</p>	<p>0.00 BACKGROUND SAMPLE LOCATION</p> <p>0.00 MONITORING POINT LOCATION</p> <p>0.00 PNEUMATIC</p> <p>0.00 PUBLIC WATER SUPPLY</p> <p>0.00 LOWER KITTANNING COVER CONTOUR (BOC)</p> <p>0.00 COAL THICKNESS PROJECTED FROM DRILLING (COAL THICKNESS 345' @ 6' INTERVALS)</p> <p>0.00 DEEP MINE OUTLINE (LOWER KITTANNING)</p> <p>0.00 UNDERGROUND MINE OPENING WITH REFERENCE</p> <p>0.00 WELL PROTECTION BARRIER</p> <p>0.00 BARRIER - HYDRAULIC (NO MINING)</p>
--	--	--

REVISIONS

No.	By	Date	Description
6	EKT	02-12-2021	Projection 4 - Revision 1
7	RJB	04-07-2021	Projection 5
8	RJB	05-21-2021	Projection 5 - Revision 1
9	RJB	10-15-2021	Projection 6
10	RJB	04-05-2022	Projection 7
11	RJB	10-24-2022	Projection 8
12	RJB	05-09-2023	Projection 9
13	RJB	10-05-2023	Projection 10
14	RJB	04-15-2024	Projection 11

Drawn By: DJP
 Checked By: JWL
 Date: 07-15-2019
 Scale: 1" = 200'
 Project No.: 0721-S161
 File Name: RUSTIC RIDGE #1-6-MONTH-BASE.DWG
 Drawing: 3 of 7

Apex Companies, LLC
 165 East Union St.,
 Suite 100
 Somerset, Pennsylvania 15501
 Phone: (814) 443-3344
 www.apexcos.com

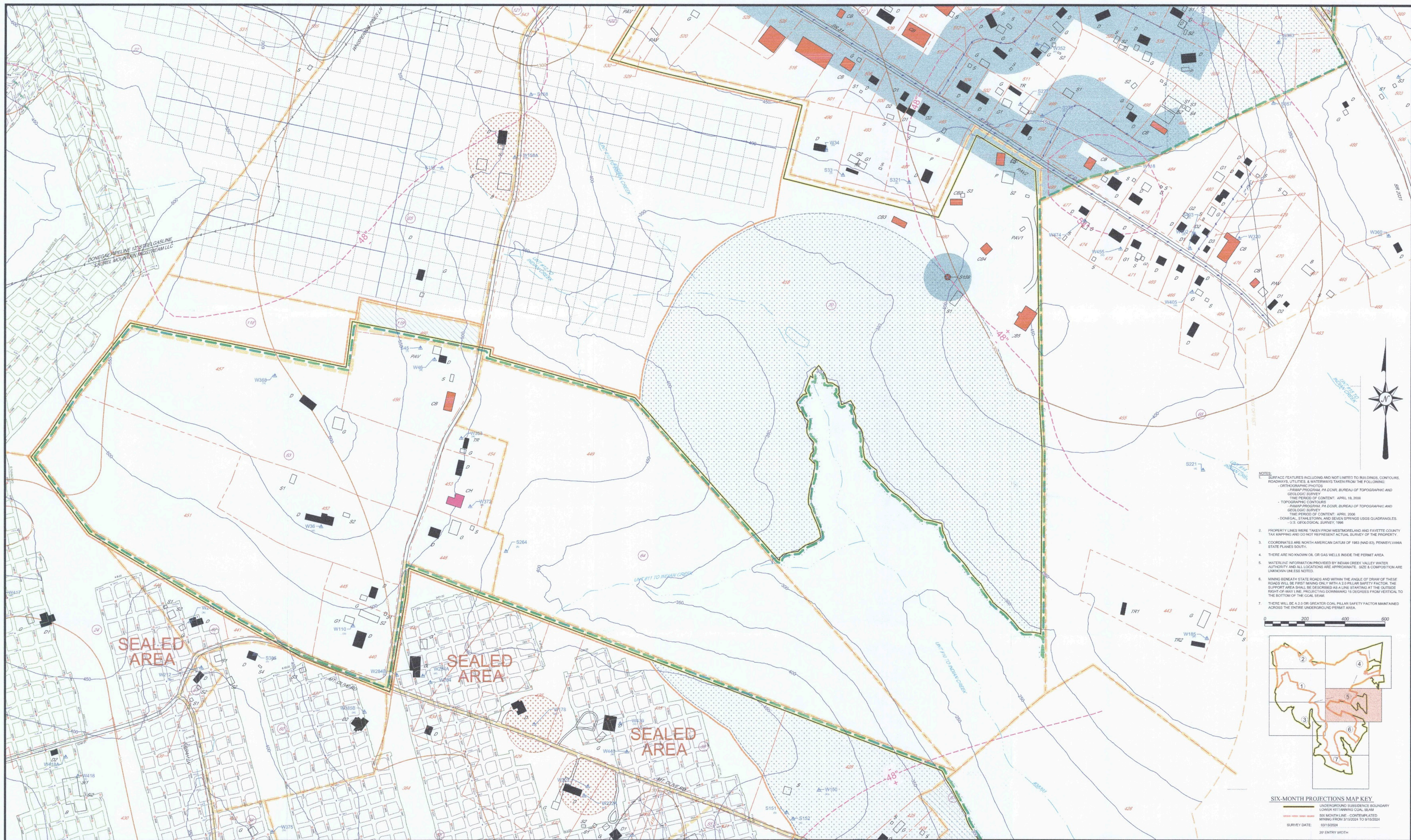
ERIC K. TERRY
 REGISTERED PROFESSIONAL ENGINEER
 PENNSYLVANIA
 No. 1000000000

EXHIBIT 22.6: SIX-MONTH SUBSIDENCE MAP
 PROJECTION: 11

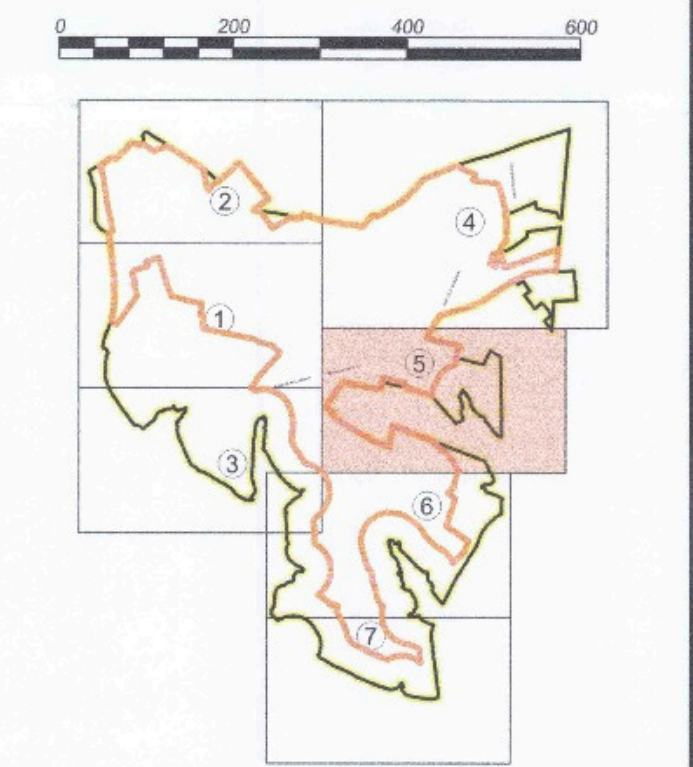
RUSTIC RIDGE #1
 LOWER KITTANNING COAL SEAM

CMAP# 65131301 MSHA ID # 3610089
 DONEGAL AND SALTICK TOWNSHIPS
 WESTMORELAND & FAYETTE COUNTIES, PENNSYLVANIA

RECEIVED
 APR 17 2024



- NOTES:**
1. SURFACE FEATURES INCLUDING, BUT NOT LIMITED TO, BUILDINGS, CONTOURS, ROADWAYS, UTILITIES, & WATERWAYS TAKEN FROM THE FOLLOWING:
 - ORTHOPHOTOGRAPHS
 - PA-MAP PROGRAM, PA DCOR, BUREAU OF TOPOGRAPHIC AND GEOLOGIC SURVEY
 - TIME PERIOD OF CONTENT: APRIL 19, 2008
 - TOPOGRAPHIC CONTOURS
 - PA-MAP PROGRAM, PA DCOR, BUREAU OF TOPOGRAPHIC AND GEOLOGIC SURVEY
 - TIME PERIOD OF CONTENT: APRIL, 2008
 - DONEGAL, SALT CREEK, AND BEVER SPRINGS USGS QUADRANGLES, U.S. GEOLOGICAL SURVEY, 1986
 2. PROPERTY LINES WERE TAKEN FROM WESTMORELAND AND FAYETTE COUNTY TAX MAPS AND DO NOT REPRESENT ACTUAL SURVEY OF THE PROPERTY.
 3. COORDINATES ARE NORTH AMERICAN DATUM OF 1983 (NAD 83), PENNSYLVANIA STATE PLANE, SOUTH.
 4. THERE ARE NO KNOWN GAS OR GAS WELLS UNDER THE PERMIT AREA.
 5. WATERLINE INFORMATION PROVIDED BY NEWMARKET VALLEY WATER AUTHORITY AND ALL LOCATIONS ARE APPROXIMATE. SIZE & COMPOSITION ARE UNKNOWN (SEE NOTES).
 6. MINING BENEATH STATE ROADS AND WITHIN THE ANGLE OF DRAW OF THESE ROADS WILL BE FIRST MINING ONLY WITH A 2:3 PILLAR SAFETY FACTOR. THE SUPPORT AREA SHALL BE DESCRIBED AS A LINE STARTING AT THE OUTSIDE RIGHT OF WAY 1. THE PROJECTING DOWNWARD 15 DEGREES FROM VERTICAL TO THE BOTTOM OF THE COAL SEAM.
 7. THERE WILL BE A 2:3 OR GREATER COAL PILLAR SAFETY FACTOR MAINTAINED ACROSS THE ENTIRE UNDERGROUND PERMIT AREA.



LEGEND

	SURFACE SITE BOUNDARY		BACKGROUND SAMPLE LOCATION
	UNDERGROUND PERMIT BOUNDARY		MONITORING POINT LOCATION
	LOWER KITTINGANNG COAL SEAM		PIEZOMETER
	LOWER KITTINGANNG COAL SEAM BOUNDARY		PUBLIC WATER SUPPLY
	PUBLIC PROTECTED STRUCTURE		LOWER KITTINGANNG COAL SEAM CONTOUR (BOC)
	COMMERCIAL STRUCTURE		LOWER KITTINGANNG COAL SEAM CONTOUR (LKC)
	OCCUPIED DWELLING		COAL THICKNESS PROJECTED FROM DRILLING (COAL THICKNESS 48" @ 6' INTERVALS)
	UNOCCUPIED STRUCTURE		DEEP MINE OUTLINE (LOWER KITTINGANNG)
	MOBILE CAMPING TRAILER		UNDERGROUND MINE OPENING WITH REFERENCE
	UTILITY LINE (G-GAS)		WELL PROTECTION BARRIER
	WATER LINE (D/DON VALLEY WATER AUTHORITY)		BARRIER - HYDRASLIC (NO MINING)
	GRAVEL ROAD		
	PAVED ROAD		
	WETLANDS		
	POND		
	STREAM		
	DRAINAGE COURSE		

REVISIONS

No.	By	Date	Description
5	RJB	10-30-2020	Projection 4
6	EKT	02-12-2021	Projection 4 - Revision 1
7	RJB	04-07-2021	Projection 5
8	RJB	10-15-2021	Projection 6
9	RJB	04-05-2022	Projection 7
10	RJB	10-24-2022	Projection 8
11	RJB	05-09-2023	Projection 9
12	RJB	10-05-2023	Projection 10
13	RJB	04-15-2024	Projection 11

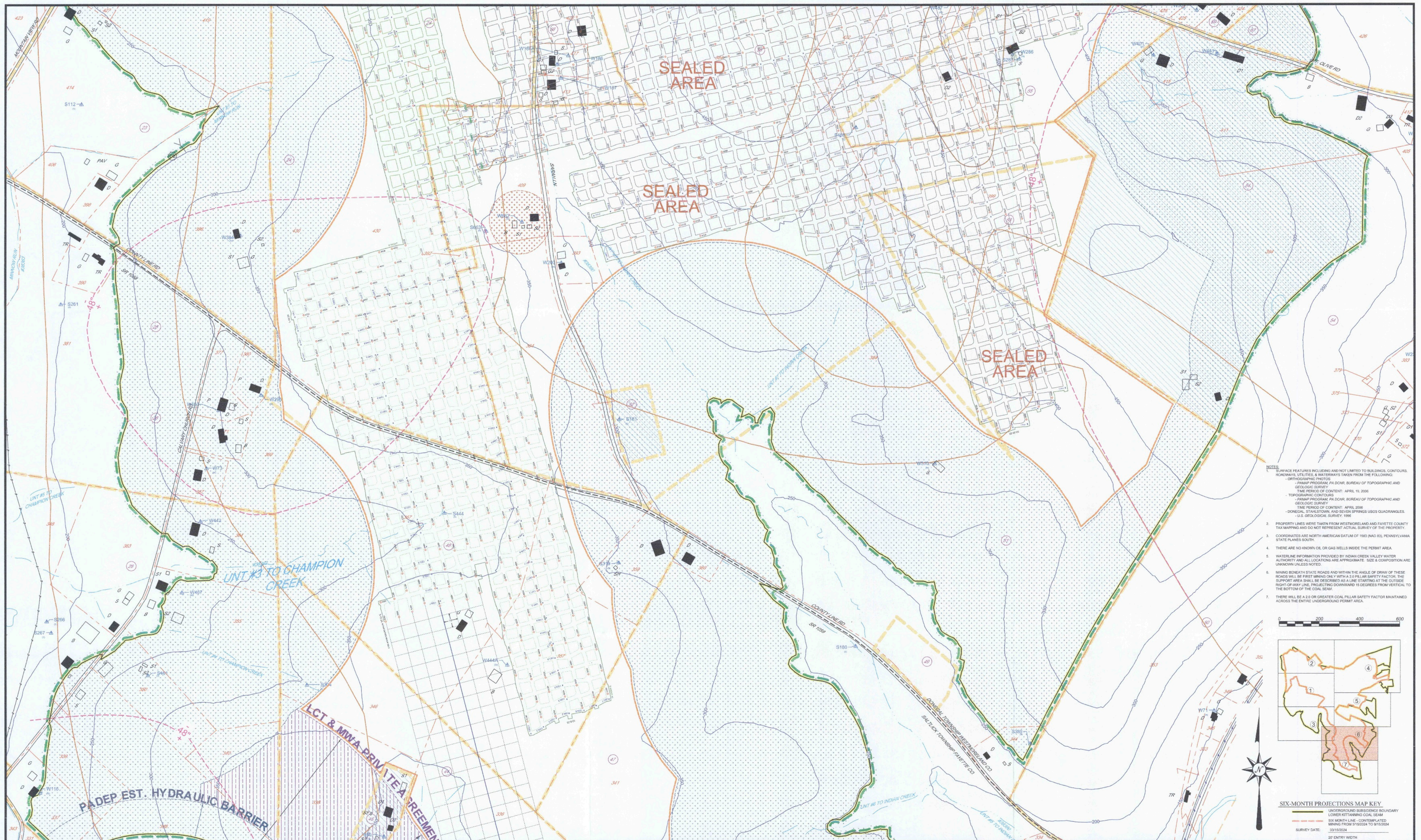
Drawn By:	DJP
Checked By:	JWL
Date:	07-15-2019
Scale:	1" = 200'
Project No.:	0721-S161
File Name:	RUSTIC RIDGE #1-6-MONTH BASE.DWG
Drawing:	5 OF 7

Apex Companies, LLC
 165 East Union St., Suite 100
 Somerset, Pennsylvania 15501
 Phone: (814) 443-3344
 www.apexcos.com

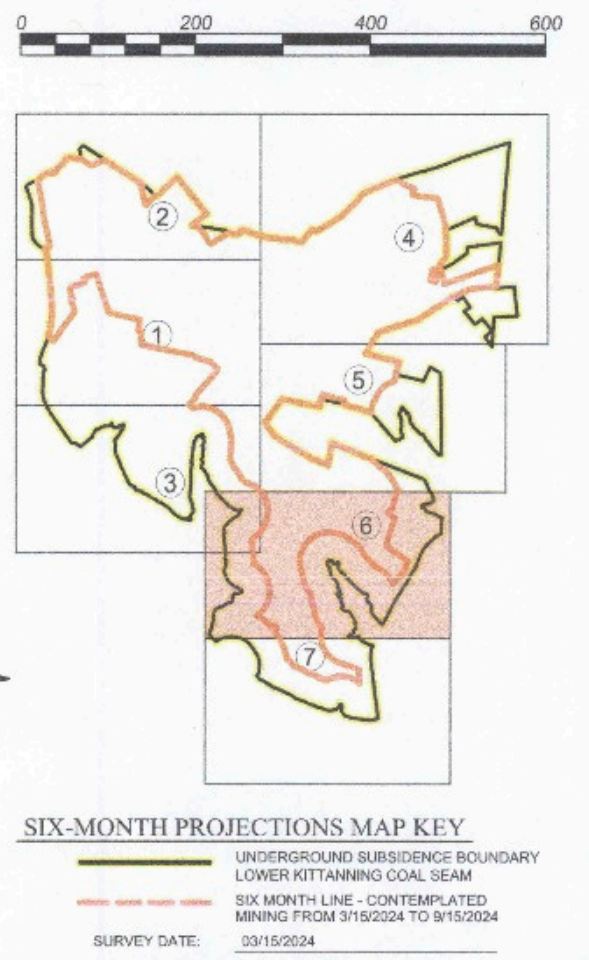
EXHIBIT 22.6: SIX-MONTH SUBSIDENCE MAP PROJECTION: 11

RECEIVED
MAY 28 2024

RUSTIC RIDGE #1 LOWER KITTINGANNG COAL SEAM
 CMAP# 65131301 MSHA ID # 3610089
 DONEGAL AND SALT CREEK TOWNSHIPS
 WESTMORELAND & FAYETTE COUNTIES, PENNSYLVANIA



- NOTES:**
- SURFACE FEATURES INCLUDING BUT NOT LIMITED TO BUILDINGS, CONTOURS, ROADWAYS, UTILITIES, & WATERWAYS TAKEN FROM THE FOLLOWING:
 - OPTICOMPHOTO
 - PA-MAP PROGRAM PA DCAR, BUREAU OF TOPOGRAPHIC AND GEOLOGIC SURVEY
 - TIME PERIOD OF CONTENT: APRIL 19, 2006
 - TOPOGRAPHIC CONTOURS
 - PA-MAP PROGRAM PA DCAR, BUREAU OF TOPOGRAPHIC AND GEOLOGIC SURVEY
 - TIME PERIOD OF CONTENT: APRIL 2006
 - DOUGLASS TOWNSHIP AND REVER SPRINGS USGS QUADRANGLES
 - U.S. GEOLOGICAL SURVEY, 1996
 - PROPERTY LINES WERE TAKEN FROM WESTMORELAND AND FAYETTE COUNTY TAX MAPS AND DO NOT REPRESENT ACTUAL SURVEY OF THE PROPERTY.
 - COORDINATES ARE NORTH AMERICAN DATUM OF 1983 (NAD 83), PENNSYLVANIA STATE PLANES SOUTH.
 - THERE ARE NO KNOWN OIL OR GAS WELLS INSIDE THE PERMIT AREA.
 - WATER LINE INFORMATION PROVIDED BY INDIAN CREEK VALLEY WATER AUTHORITY AND ALL LOCATIONS ARE APPROXIMATE. SIZE & COMPOSITION ARE UNKNOWN UNLESS NOTED.
 - MINING BEYOND STATE ROADS AND WITHIN THE ANGLE OF DRAIN OF THESE ROADS WILL BE FIRST MINING ONLY WITH A 2:1 PILLAR SAFETY FACTOR. THE SUPPORT AREA SHALL BE DESCRIBED AS A LINE STARTING AT THE OUTSIDE RIGHT-OF-WAY LINE, PROJECTING DOWNWARD 15 DEGREES FROM VERTICAL TO THE BOTTOM OF THE COAL SEAM.
 - THERE WILL BE A 2:0 OR GREATER COAL PILLAR SAFETY FACTOR MAINTAINED ACROSS THE ENTIRE UNDERGROUND PERMIT AREA.



LEGEND	
	SURFACE SITE BOUNDARY
	UNDERGROUND PERMIT BOUNDARY
	LOWER KITTANNING COAL SEAM
	PUBLIC/PROTECTED STRUCTURE
	COMMERCIAL STRUCTURE
	OCCUPIED DWELLING
	UNOCCUPIED STRUCTURE
	MOBILE CAMPING TRAILER
	UTILITY LINE (G-GAS)
	WATER LINE (INDIAN CREEK VALLEY WATER AUTHORITY)
	SURFACE PARCEL IDENTIFICATION NUMBER
	SURFACE PROPERTY LINE
	MINERAL OWNERSHIP LINE
	MINERAL OWNERSHIP CERTIFICATION
	GRAVEL ROAD
	PAVED ROAD
	WETLANDS
	POND
	STREAM
	DRAINAGE COURSE
	BACKGROUND SAMPLE LOCATION
	MONITORING POINT LOCATION
	PIEZOMETER
	PUBLIC WATER SUPPLY
	LOWER KITTANNING COAL SEAM CONTOUR (BOC)
	COAL THICKNESS PROJECTED FROM DRILLING (COAL THICKNESS 84" @ 8' INTERVALS)
	DEEP MINE OUTLINE (LOWER KITTANNING)
	UNDERGROUND MINE OPENING WITH REFERENCE
	WELL PROTECTION BARRIER
	BARRIER - PRIVATE AGREEMENT (NO MINING)
	NO MINING UNTIL LEASE AGREEMENT IS ACQUIRED
	STABILITY CLASS 1 - PLANNING EXTRACTION OR LESS (LESS THAN 200' SEAMS AND 100' THICK)
	STABILITY CLASS 2 - PLANNING EXTRACTION OR LESS (GREATER THAN 200' SEAMS AND 100' THICK)
	STABILITY CLASS 3 - PLANNING EXTRACTION OR LESS (GREATER THAN 200' SEAMS AND 100' THICK)
	SPAD NUMBER
	BOC ELEVATION (LOWER KITTANNING SEAM)
	PROJECTED COAL MINING
	RUSTIC RIDGE #1 MINE (PROPOSED)
	RUSTIC RIDGE #1 MINE (PROPOSED)

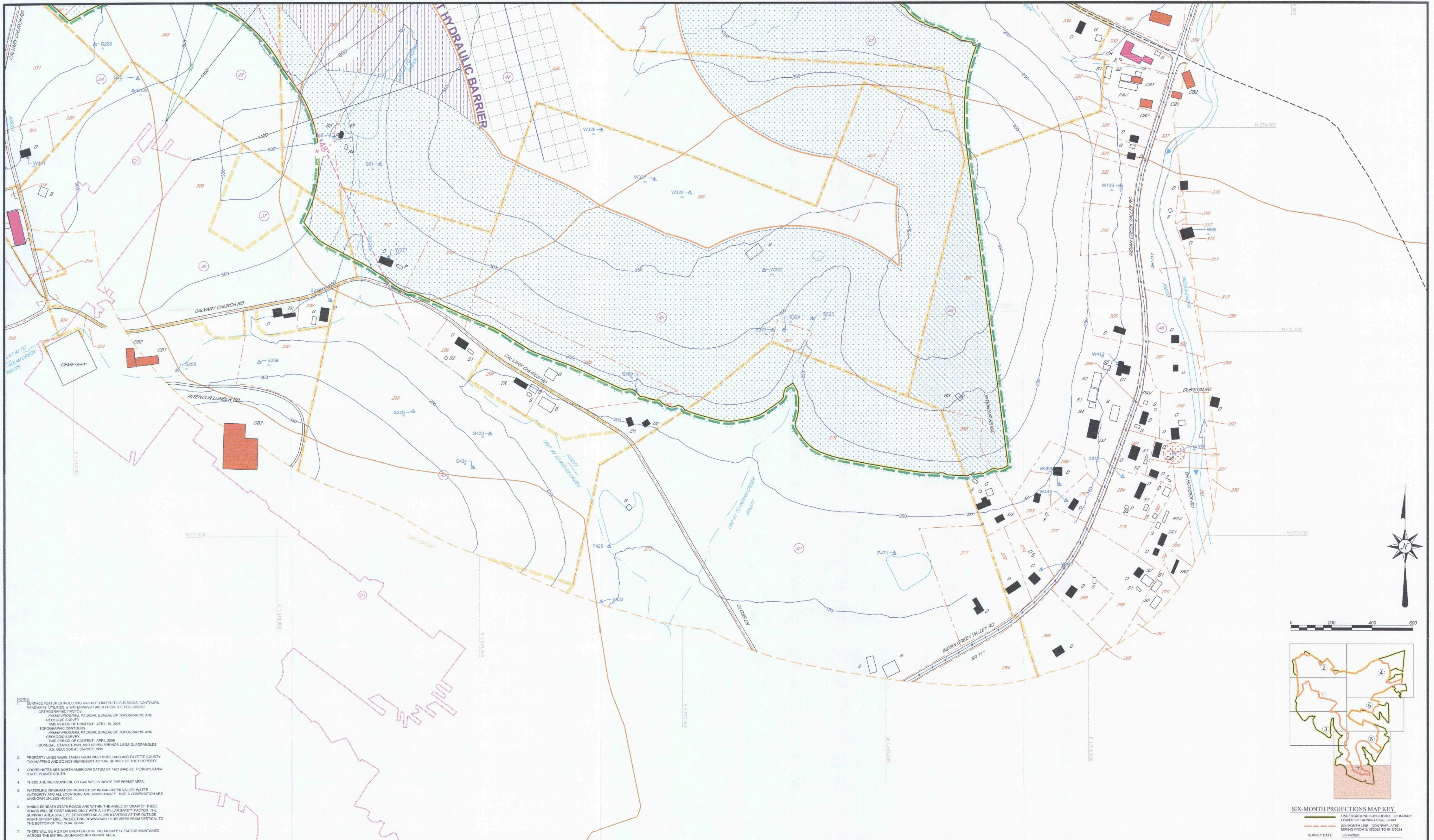
REVISIONS			
No.	By	Date	Description
1	RJB	10-15-2021	Projection 6
2	RJB	04-05-2022	Projection 7
3	RJB	10-24-2022	Projection 8
4	RJB	05-09-2023	Projection 9
5	RJB	10-05-2023	Projection 10
6	RJB	04-15-2024	Projection 11

Drawn By:	DJP
Checked By:	JWL
Date:	07-15-2019
Scale:	1" = 200'
Project No.:	0721-S161
File Name:	RUSTIC RIDGE #1- 6-MONTH BASE DWG
Drawing:	6 OF 7

Apex Companies, LLC
 165 East Union St., Suite 100
 Somerset, Pennsylvania 15501
 Phone: (814) 443-3344
 www.apexcos.com

EXHIBIT 22.6: SIX-MONTH SUBSIDENCE MAP
 PROJECTION: 11

RUSTIC RIDGE #1
 LOWER KITTANNING COAL SEAM
 CMAP# 65131301 MSHA ID # 3610089
 DONEGAL AND SALT LICK TOWNSHIPS
 WESTMORELAND & FAYETTE COUNTIES, PENNSYLVANIA



NOTES:

- SURFACE FEATURES INCLUDING BUT NOT LIMITED TO BUILDINGS, CONTOURS, ROADWAYS, UTILITIES & WATERWAYS TAKEN FROM THE FOLLOWING:
 - ORTHOPHOTO
 - PANAMYP PROGRAM, PA DCNR, BUREAU OF TOPOGRAPHIC AND GEOLOGIC SURVEY
 - TIME PERIOD OF CONTENT: APRIL 19, 2008
 - TOPOGRAPHIC CONTOURS
 - PANAMYP PROGRAM, PA DCNR, BUREAU OF TOPOGRAPHIC AND GEOLOGIC SURVEY
 - TIME PERIOD OF CONTENT: APRIL 2008
 - DONEGAL, STATESTOWN, AND SEVEN SPRINGS USGS QUADRANGLES
 - U.S. GEOLOGICAL SURVEY, 1996
- PROPERTY LINES WERE TAKEN FROM WESTMORELAND AND FAYETTE COUNTY TAX MAPS AND DO NOT REPRESENT ACTUAL SURVEY OF THE PROPERTY.
- COORDINATES ARE NORTH AMERICAN DATUM OF 1983 (NAD 83), PENNSYLVANIA STATE PLAINS SOUTH.
- THERE ARE NO KNOWN OIL OR GAS WELLS UNDER THE PERMIT AREA.
- WATERLINE INFORMATION PROVIDED BY INDIAN CREEK VALLEY WATER AUTHORITY AND ALL LOCATIONS ARE APPROXIMATE. SIZE & COMPOSITION ARE UNKNOWN UNLESS NOTED.
- MINING BENEATH STATE ROADS AND WITHIN THE RIGHT-OF-WAY OF THESE ROADS WILL BE FIRST MINING ONLY WITH A 2.0 PILLAR SAFETY FACTOR. THE SUPPORT AREA SHALL BE DESCRIBED AS A LINE STARTING AT THE OUTSIDE RIGHT-OF-WAY LINE, PROJECTING DOWNWARD 15 DEGREES FROM VERTICAL TO THE BOTTOM OF THE COAL SEAM.
- THERE WILL BE A 2.0 OR GREATER COAL PILLAR SAFETY FACTOR MAINTAINED ACROSS THE ENTIRE UNDERGROUND PERMIT AREA.

LEGEND	
	SURFACE SITE BOUNDARY
	UNDERGROUND PERMIT BOUNDARY
	UNDERGROUND SUBSIDENCE BOUNDARY
	LOWER KITTANNING COAL SEAM
	PUBLIC/PROTECTED STRUCTURE
	COMMERCIAL STRUCTURE
	OCCUPIED DWELLING
	UNOCCUPIED STRUCTURE
	MOBILE CAMPING TRAILER
	UTILITY LINE (5-6in)
	WATER LINE (INDIAN CREEK VALLEY WATER AUTHORITY)
	SURFACE PARCEL IDENTIFICATION NUMBER
	SURFACE PROPERTY LINE
	MINERAL OWNERSHIP LINE
	MINERAL OWNERSHIP IDENTIFICATION
	GRAVEL ROAD
	PAVED ROAD
	WETLANDS
	POND
	STREAM
	DRAINAGE COURSE
	BACKGROUND SAMPLE LOCATION
	MONITORING POINT LOCATION
	PIEZOMETER
	PUBLIC WATER SUPPLY
	LOWER KITTANNING COAL SEAM CONTOUR (BOC)
	LOWER KITTANNING COVER CONTOUR
	COAL THICKNESS PROJECTED FROM DRILLING COAL THICKNESS MAP (8' INTERVALS)
	DEEP MINE OUTLINE (LOWER KITTANNING)
	UNDERGROUND MINE OPENING WITH REFERENCE
	WELL PROTECTION BARRIER
	BARRIER - HYDRAULIC (NO MINING)
	BARRIER - PRIVATE AGREEMENT (NO MINING)
	NO MINING UNIT, LEASE AGREEMENT IS ACQUIRED
	STABILITY CLASS 1 (COLUMNAR EXTRACTION CELLS)
	STABILITY CLASS 2 (BLOCKY EXTRACTION CELLS)
	STRUCTURES WITH HIGHER THAN 10% EXTRACTION
	STRUCTURES WITH HIGHER THAN 20% EXTRACTION
	SAFETY FACTOR 2.0 (3% MINE EXTRACTION ON COAL SEAM)
	SPILL NUMBER
	BOC ELEVATION (LOWER KITTANNING SEAM)
	PROJECTED COAL MINING
	RUSTIC RIDGE #1 MINE (SUBSIDENCE)
	RUSTIC RIDGE #1 MINE (NO MINING)

REVISIONS				
No.	By	Date	Description	Projection
1	RJB	10-15-2021		Projection 6
2	RJB	04-05-2022		Projection 7
3	RJB	10-24-2022		Projection 8
4	RJB	05-09-2023		Projection 9
5	RJB	10-05-2023		Projection 10
6	RJB	04-15-2024		Projection 11

Drawn By:	DJP
Checked By:	JWL
Date:	07-15-2019
Scale:	1" = 200'
Project No.:	0721-S161
File Name:	RUSTIC RIDGE #1-6-MONTH BASE.DWG
Drawing:	7 OF 7

Apex Companies, LLC
 165 East Union St., Suite 100
 Somerset, Pennsylvania 15501
 Phone: (814) 443-3344
www.apexcos.com

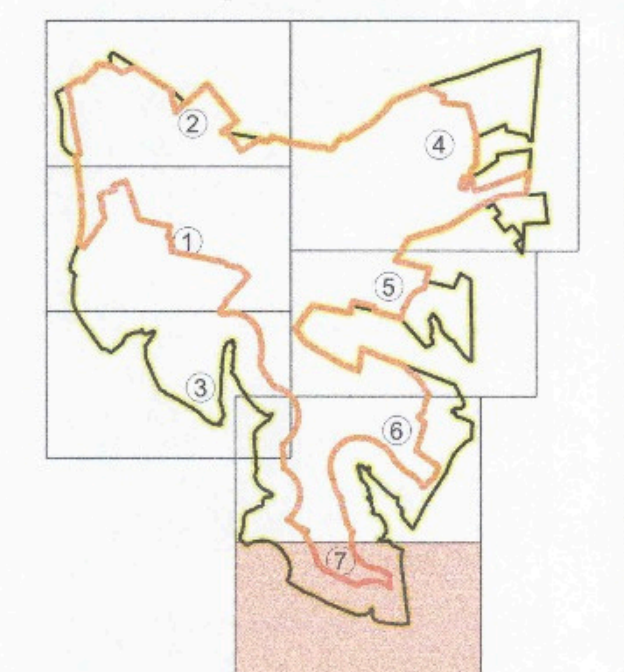
ERIC K. TERRY
 PROFESSIONAL ENGINEER
 PENNSYLVANIA
 No. 1000000000

EXHIBIT 22.6: SIX-MONTH SUBSIDENCE MAP
 PROJECTION: 11

RUSTIC RIDGE #1
 LOWER KITTANNING COAL SEAM

CMAP# 65131301 MSHA ID # 3610089
 DONEGAL AND SALTICK TOWNSHIPS
 WESTMORELAND & FAYETTE COUNTIES, PENNSYLVANIA

RECEIVED
 APR 17 2024



SHEET 7