

LEGEND

- 2844.9 ACS

EXISTING UNDERGROUND PERMIT BOUNDARY  
LOWER KITTANNING COAL SEAM

1452.0 ACS

PROPOSED UNDERGROUND PERMIT BOUNDARY

4296.9 TOTAL ACRES

67.7 ACS

PROPOSED SURFACE SITE BOUNDARY
- 2739.0 ACS

EXISTING UNDERGROUND SUBSIDENCE PERMIT BOUNDARY  
LOWER KITTANNING COAL SEAM

1411.5 ACS

PROPOSED SUBSIDENCE PERMIT BOUNDARY

4150.5 TOTAL ACRES

PROPOSED SUBSIDENCE PERMIT BOUNDARY EXCLUSION
- 200'

LOWER KITTANNING COAL SEAM  
CONTOURS (BOC 50' INTERVAL)

WELL NAME

MONITORING POINT LOCATION

PZ NAME

PIEZOMETER LOCATION

DEEP MINE OUTLINE LOWER KITTANNING
- 1 NW

FRACTURE TRACE

ST59-0

PUBLIC WATER SUPPLY

001

NPDES POINT

EXISTING MINE OPENING
- S1

PREVIOUSLY AFFECTED AREA

A

GEOLOGIC CROSS SECTION LINE

RUSTIC RIDGE #1 MINE WORKINGS  
(DATE OF SURVEY 08/23/2021)
- NOTE: PART OF THE  
DONEGAL, MAMMOTH, SEVEN  
SPRINGS AND STAHLSTOWN  
USGS QUADRANGLES.
- 0 2000 4000 6000

REVISIONS			
No.	By	Date	Description
01	JRM	10-18-2013	DEP Comment Letter 9-18-2013
02	JRM	06-24-2016	Additional Information, County Comment Letter
03	EKT	03-12-2018	Formal Permit Revision
04	TMC	10-01-2021	Formal Permit Revision - UG Expansion

Drawn By:	AJS
Checked By:	JML
Date:	06-20-2013
Scale:	1" = 2000'
Project No.:	0721-S164
File Name:	RUSTIC RIDGE #1 EXPANSION.DWG
Drawing:	1 of 1

CME

ENGINEERING LP

165 East Union Street, Suite 100, Somerset, PA 15501

814-443-3344 FAX: 814-444-0365

BENJAMIN J. STUFFT

REGISTERED PROFESSIONAL

00000270

PA 00000270

01/1/2021

OF CME ENGINEERING LLC, GENERAL PARTNER OF CME ENGINEERING LP

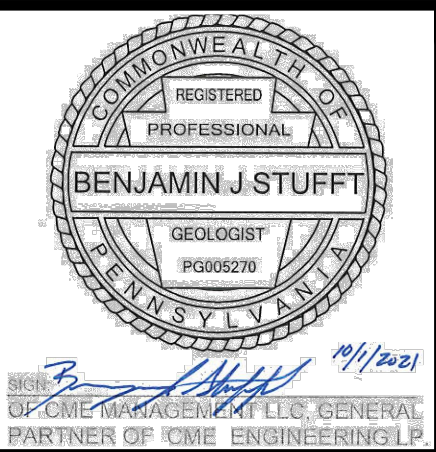


EXHIBIT 8.2: HYDROLOGIC DATA MAP

LGT

Engineering, LLC

RUSTIC RIDGE #1 EXPANSION  
LOWER KITTANNING COAL SEAM  
CMA # 65131301 MSHA ID # 3610089  
DONEGAL & SALTICK TOWNSHIPS  
WESTMORELAND & FAYETTE COUNTIES