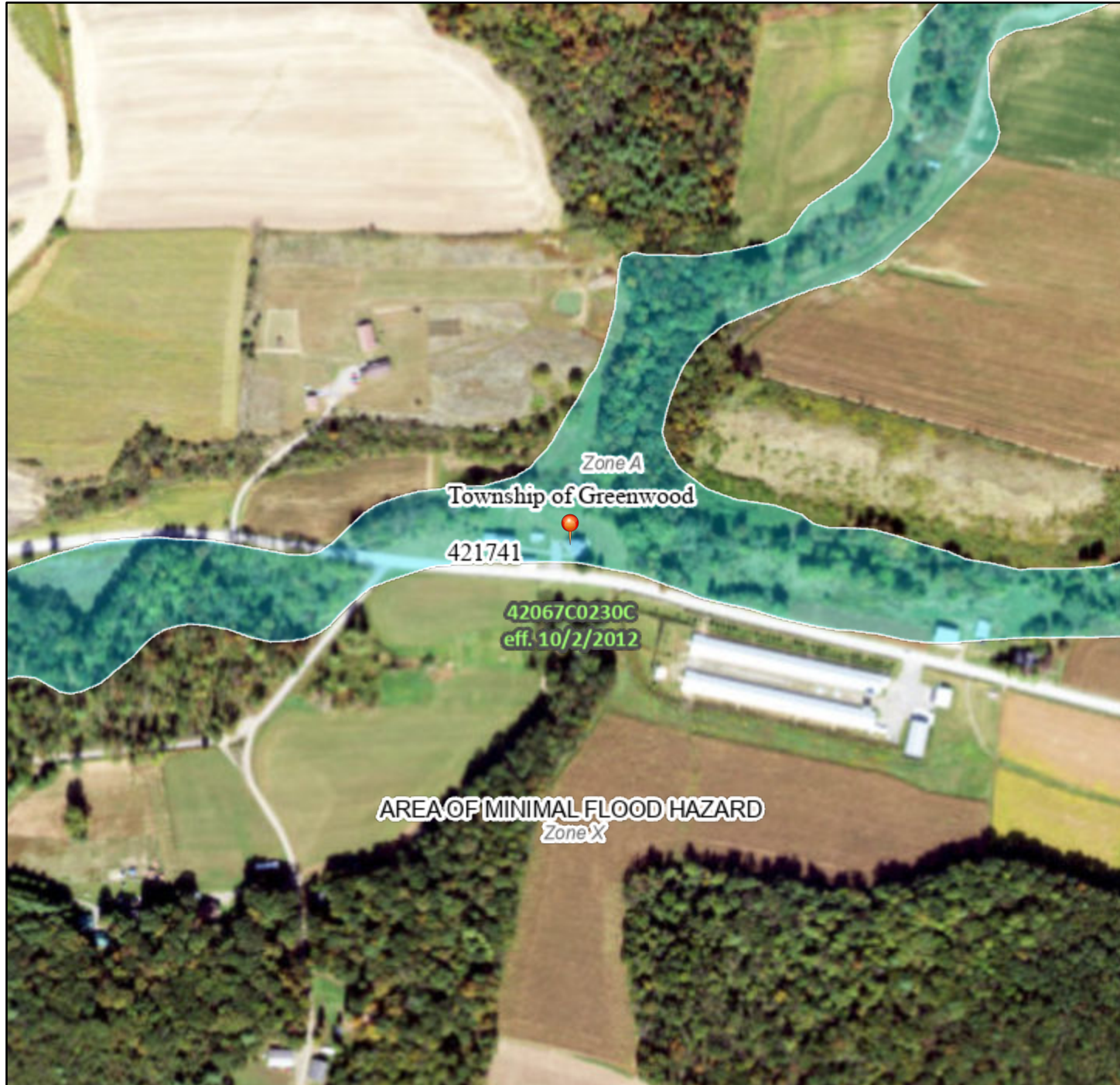


National Flood Hazard Layer FIRMMette



77°7'8"W 40°37'7"N



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) <i>Zone A, V, A99</i>
		With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile <i>Zone X</i>
		Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>
		Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i>
		Area with Flood Risk due to Levee <i>Zone D</i>
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i>
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard <i>Zone D</i>
		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation 17.5
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped
		The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.



This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **6/5/2023 at 9:45 AM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

3 fields, 425 acres in Fulton and Juniata and Mifflin Counties, PA

AVG NCCPI

23.0



Generate Carbon Credit income with Carbon by Indigo - These fields could generate a combined **\$8,124** in additional revenue.



ECONOMIC ATTRIBUTES




Fulton County is a high tax county.
 Juniata County is a high tax county.
 Mifflin County is a high tax county.
 This land contains 55.25 ac. in a high livestock demand area.
 This land contains 369.43 ac. in a moderate livestock demand area.

PHYSICAL ATTRIBUTES

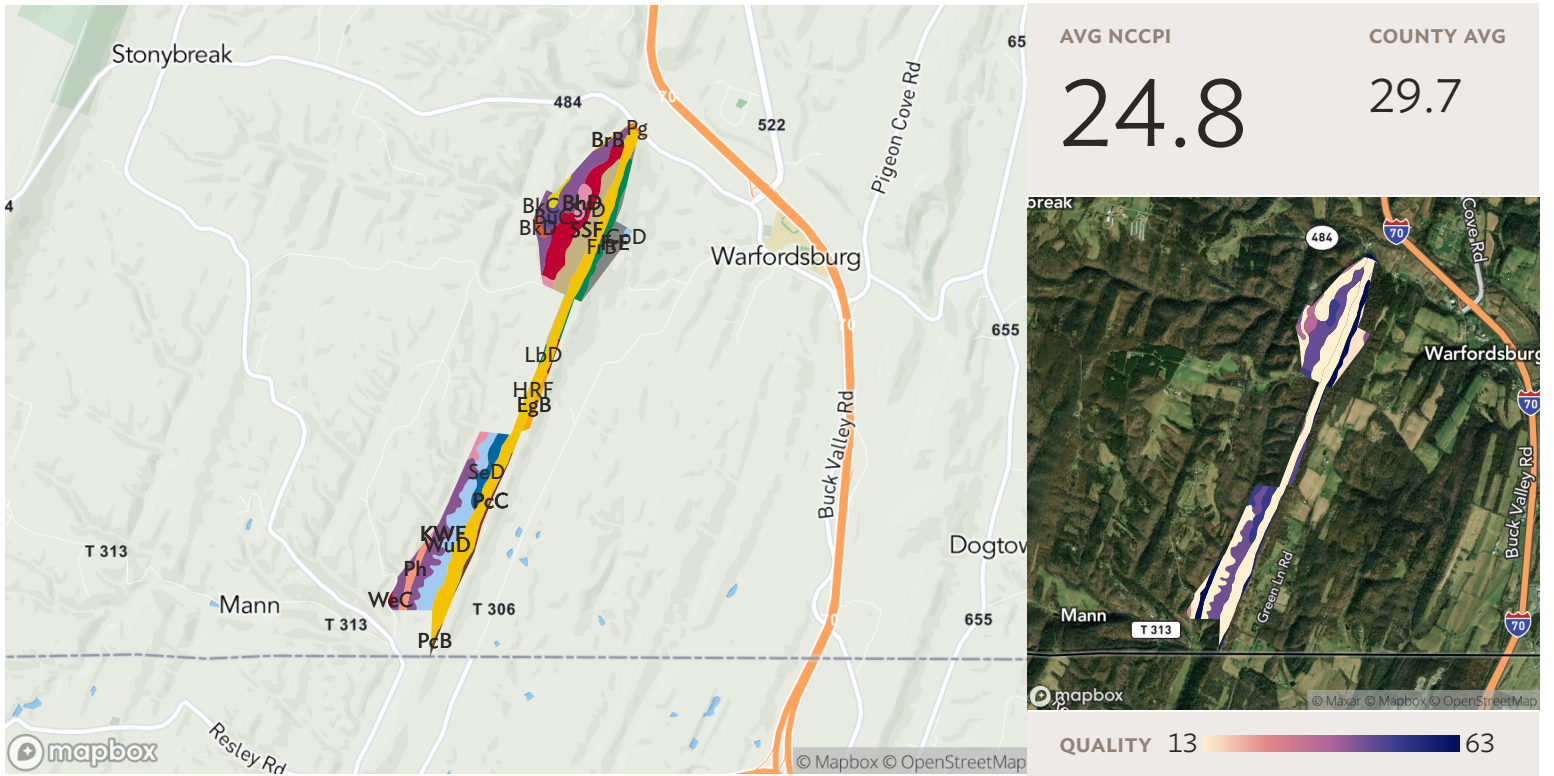
Annual Precipitation: 39.04 inches
 Annual GDD: 3025

LAND USE

Land Use: Developed, Water, Cropland, Grass/Pasture, Non-Cropland

FIELD	ACRES	LATITUDE LONGITUDE	SLOPE	2022 CROPS	AVG NCCPI	CARBON POTENTIAL (\$)	COUNTY AVG. (\$/AC.)
1	 369.43	-78.21 39.74	20.52%	99% Forest, 1% Other	24.8	\$7,067	N/A
2	 47.55	-77.42 40.76	29.29%	96% Forest, 4% Other	8.4	\$910	N/A
3	 7.70	-77.11 40.62	7.82%	53% Grass/Pasture, 30% Forest, 12% Non-Cropland, 5% Other	25.3	\$147	N/A
424.68			21.27%		23.0	\$8,124	N/A

3 fields, 425 acres in Fulton and Juniata and Mifflin Counties, PA



Field 1

369 ac.

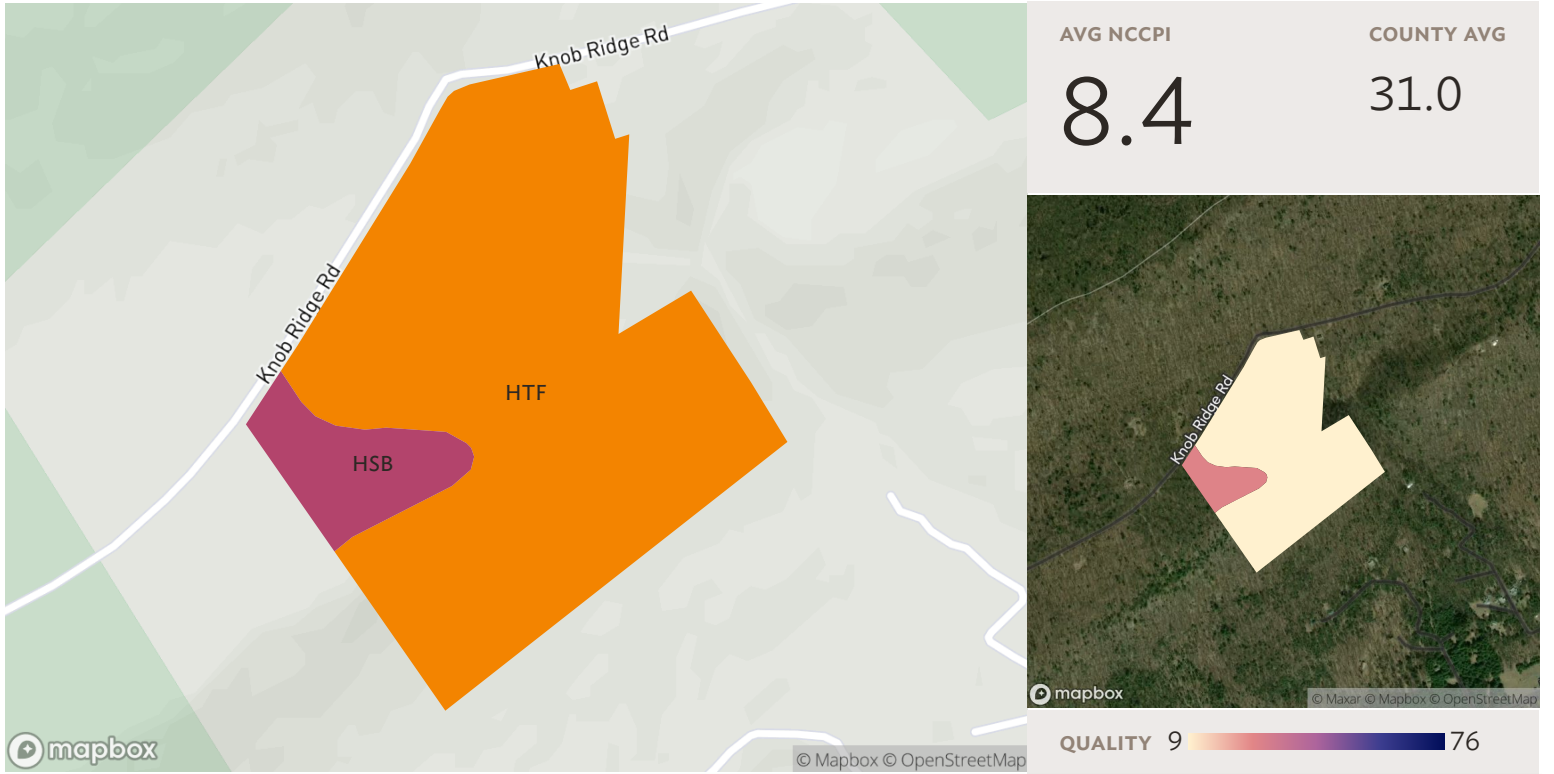
Source: NRCS Soil Survey

SOIL CODE	SOIL DESCRIPTION	ACRES	PERCENTAGE OF FIELD	SOIL CLASS	NCCPI
HRF	Hazleton-Dekalb complex, 25 to 75 percent slopes, extremely stony	100.57	27.2%	7	7.3
KWF	Klinesville and Weikert soils, 25 to 60 percent slopes	70.52	19.1%	7	6.0
WuD	Wurno-Nollville channery silt loams, 15 to 25 percent slopes	39.39	10.7%	4	44.8
SrD	Sideling gravelly loam, 8 to 25 percent slopes, extremely stony	36.24	9.8%	7	45.7
SSF	Sideling and Hazleton soils 25 to 60 percent slopes, extremely stony	30.21	8.2%	7	9.7
FrE	Frankstown channery silt loam, 25 to 35 percent slopes	15.92	4.3%	6	14.7
FrB	Frankstown channery silt loam, 3 to 8 percent slopes	15.70	4.2%	2	65.6
BhD	Bedington channery silt loam, 15 to 25 percent slopes	11.81	3.2%	4	50.5

3 fields, 425 acres in Fulton and Juniata and Mifflin Counties, PA

■	SeD	Sideling gravelly loam, 15 to 25 percent slopes	11.72	3.2%	4	51.4
■	Ph	Philo silt loam	8.39	2.3%	2	67.7
■	BuC	Buchanan channery loam, 8 to 15 percent slopes	5.26	1.4%	3	35.8
■	EgB	Elliber very channery silt loam, 3 to 8 percent slopes	5.16	1.4%	2	47.1
■	BrB	Brinkerton silt loam, 3 to 8 percent slopes	4.07	1.1%	4	33.9
■	PcC	Pecktonville gravelly silt loam, 8 to 15 percent slopes	3.79	1.0%	3	56.7
■	PcB	Pecktonville gravelly silt loam, 3 to 8 percent slopes	2.94	0.8%	2	59.7
■	BkD	Berks channery silt loam, 15 to 25 percent slopes	2.28	0.6%	4	35.4
■	BkC	Berks channery silt loam, 8 to 15 percent slopes	1.31	0.4%	3	42.7
■	Pg	Penlaw silt loam, 0 to 3 percent slopes	1.29	0.3%	3	65.2
■	CoD	Carbo silty clay loam, 15 to 25 percent slopes	1.24	0.3%	4	42.2
■	WeC	Weikert channery silt loam, 8 to 15 percent slopes	1.09	0.3%	4	26.0
■	LbD	Laidig gravelly loam, 8 to 25 percent slopes, extremely stony	0.52	0.1%	7	31.3
			369.43			24.8

3 fields, 425 acres in Fulton and Juniata and Mifflin Counties, PA



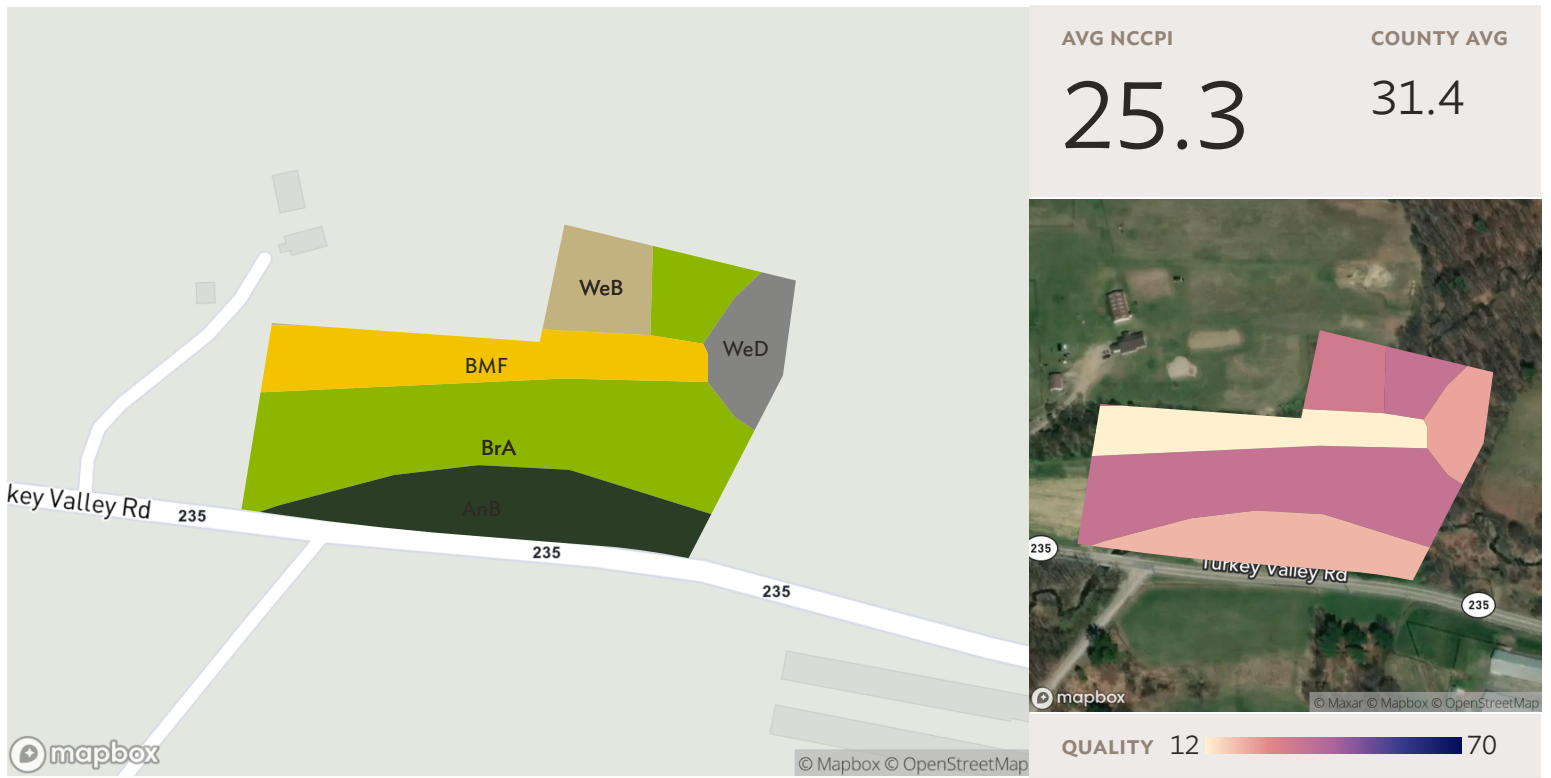
Field 2

Source: NRCS Soil Survey

48 ac.

SOIL CODE	SOIL DESCRIPTION	ACRES	PERCENTAGE OF FIELD	SOIL CLASS	NCCPI
HTF	Hazleton-Dekalb association, steep	42.79	90.0%	7	6.3
HSB	Hazleton-Dekalb complex, 3 to 8 percent slopes, rubbly	4.76	10.0%	7	27.0
					8.4

3 fields, 425 acres in Fulton and Juniata and Mifflin Counties, PA



Field 3

Source: NRCS Soil Survey

8 ac.

SOIL CODE	SOIL DESCRIPTION	ACRES	PERCENTAGE OF FIELD	SOIL CLASS	NCCPI	
■ BrA	Brinkerton silt loam, 0 to 3 percent slopes	3.55	46.1%	4	34.3	
■ AnB	Andover gravelly loam, 2 to 8 percent slopes	1.51	19.6%	4	19.9	
■ BMF	Berks-Weikert association, steep	1.42	18.5%	7	7.2	
■ WeB	Weikert channery silt loam, 3 to 8 percent slopes	0.63	8.1%	3	31.2	
■ WeD	Weikert channery silt loam, 15 to 25 percent slopes	0.59	7.7%	6	22.4	
					7.70	25.3









3 fields, 425 acres in Fulton and Juniata and Mifflin Counties, PA



Source: NRCS Soil Survey

All fields

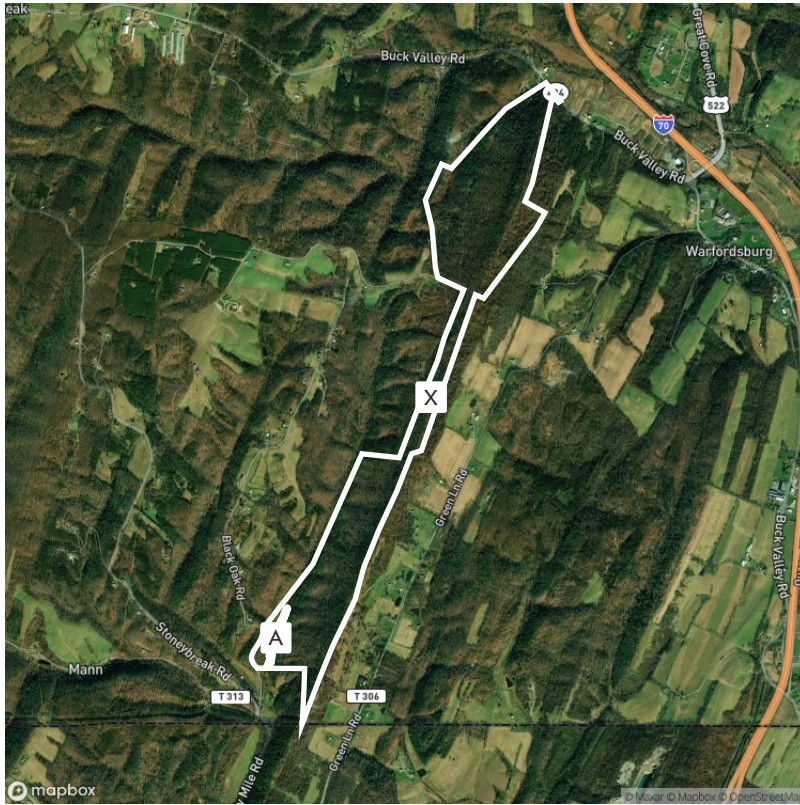
425 ac.

SOIL CODE	SOIL DESCRIPTION	ACRES	PERCENTAGE OF FIELD	SOIL CLASS	NCCPI
 HRF	Hazleton-Dekalb complex, 25 to 75 percent slopes, extremely stony	100.57	23.7%	7	7.3
 KWF	Klinesville and Weikert soils, 25 to 60 percent slopes	70.52	16.6%	7	6.0
 HTF	Hazleton-Dekalb association, steep	42.79	10.1%	7	6.3
 WuD	Wurno-Nollville channery silt loams, 15 to 25 percent slopes	39.39	9.3%	4	44.8
 SrD	Sideling gravelly loam, 8 to 25 percent slopes, extremely stony	36.24	8.5%	7	45.7
 SSF	Sideling and Hazleton soils 25 to 60 percent slopes, extremely stony	30.21	7.1%	7	9.7
 FrE	Frankstown channery silt loam, 25 to 35 percent slopes	15.92	3.7%	6	14.7
 FrB	Frankstown channery silt loam, 3 to 8 percent slopes	15.70	3.7%	2	65.6

3 fields, 425 acres in Fulton and Juniata and Mifflin Counties, PA

■	BhD	Bedington channery silt loam, 15 to 25 percent slopes	11.81	2.8%	4	50.5
■	SeD	Sideling gravelly loam, 15 to 25 percent slopes	11.72	2.8%	4	51.4
■	Ph	Philo silt loam	8.39	2.0%	2	67.7
■	BuC	Buchanan channery loam, 8 to 15 percent slopes	5.26	1.2%	3	35.8
■	EgB	Elliber very channery silt loam, 3 to 8 percent slopes	5.16	1.2%	2	47.1
■	HSB	Hazleton-Dekalb complex, 3 to 8 percent slopes, rubbly	4.76	1.1%	7	27.0
■	BrB	Brinkerton silt loam, 3 to 8 percent slopes	4.07	1.0%	4	33.9
■	PcC	Pecktonville gravelly silt loam, 8 to 15 percent slopes	3.79	0.9%	3	56.7
■	BrA	Brinkerton silt loam, 0 to 3 percent slopes	3.55	0.8%	4	34.3
■	PcB	Pecktonville gravelly silt loam, 3 to 8 percent slopes	2.94	0.7%	2	59.7
■	BkD	Berks channery silt loam, 15 to 25 percent slopes	2.28	0.5%	4	35.4
■	AnB	Andover gravelly loam, 2 to 8 percent slopes	1.51	0.4%	4	19.9
■	BMF	Berks-Weikert association, steep	1.42	0.3%	7	7.2
■	BkC	Berks channery silt loam, 8 to 15 percent slopes	1.31	0.3%	3	42.7
■	Pg	Penlaw silt loam, 0 to 3 percent slopes	1.29	0.3%	3	65.2
■	CoD	Carbo silty clay loam, 15 to 25 percent slopes	1.24	0.3%	4	42.2
■	WeC	Weikert channery silt loam, 8 to 15 percent slopes	1.09	0.3%	4	26.0
■	WeB	Weikert channery silt loam, 3 to 8 percent slopes	0.63	0.1%	3	31.2
■	WeD	Weikert channery silt loam, 15 to 25 percent slopes	0.59	0.1%	6	22.4
■	LbD	Laidig gravelly loam, 8 to 25 percent slopes, extremely stony	0.52	0.1%	7	31.3
			424.68			23.0

3 fields, 425 acres in Fulton and Juniata and Mifflin Counties, PA



Legend

- SPECIAL FLOOD HAZARD AREAS**
 - Without Base Flood Elevation (BFE) Zone A, V, A99
 - With BFE or Depth Zone AE, AO, AH, VE, AR
 - High flood risk
 - Regulatory Floodway
- OTHER AREAS OF FLOOD HAZARD**
 - Moderate flood risk
 - 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
 - Future Conditions 1% Annual Chance Flood Hazard Zone X
 - Areas with Reduced Flood Risk due to Levee Zone X
 - Areas with Flood Risk due to Levee Zone X
- OTHER AREAS**
 - Area of Minimal Flood Hazard Zone X
 - Area of Undetermined Flood Hazard Zone D

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

*** HIGH FLOOD RISK** - areas with a 1% annual chance or greater of flooding, also referred to as base flood zones or 100-year flood zones. Classified as Special Flood Hazard Areas (SFHAs) by FEMA. **MODERATE FLOOD RISK** - areas in between the limits of the 1% annual and the 0.2% annual (or 500-year) flood zones. **MINIMAL FLOOD RISK** - areas that are above the 500-year flood zones. **UNDETERMINED FLOOD RISK** - areas where flood analysis has not been conducted.

Source: FEMA National Flood Hazard Layer

Field 1

369 ac.

FLOOD ZONE	FLOOD RISK*	FLOOD ZONE SUBTYPE	ACRES	PERCENTAGE OF FIELD
X	MINIMAL	AREA OF MINIMAL FLOOD HAZARD	366.31	99.2%
A	HIGH	N/A	3.12	0.8%
			369.43	

3 fields, 425 acres in Fulton and Juniata and Mifflin Counties, PA



Legend

- SPECIAL FLOOD HAZARD AREAS**
 - Without Base Flood Elevation (BFE) Zone A, V, A99
 - With BFE or Depth Zone AE, AO, AH, VE, AR
 - High flood risk
 - Regulatory Floodway
- OTHER AREAS OF FLOOD HAZARD**
 - Moderate flood risk
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Source: FEMA National Flood Hazard Layer

Field 2

48 ac.

FLOOD ZONE	FLOOD RISK*	FLOOD ZONE SUBTYPE	ACRES	PERCENTAGE OF FIELD
X	MINIMAL	AREA OF MINIMAL FLOOD HAZARD	47.55	100.0%
			47.55	

3 fields, 425 acres in Fulton and Juniata and Mifflin Counties, PA



Legend

- SPECIAL FLOOD HAZARD AREAS**
 - Without Base Flood Elevation (BFE) Zone A, V, A99
 - With BFE or Depth Zone AE, AO, AH, VE, AR
 - High flood risk
 - Regulatory Floodway
- OTHER AREAS OF FLOOD HAZARD**
 - Moderate flood risk
 - 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
 - Future Conditions 1% Annual Chance Flood Hazard Zone X
 - Areas with Reduced Flood Risk due to Levee Zone X
 - Areas with Flood Risk due to Levee Zone X
- OTHER AREAS**
 - Area of Minimal Flood Hazard Zone X
 - Area of Undetermined Flood Hazard Zone D

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

*** HIGH FLOOD RISK** - areas with a 1% annual chance or greater of flooding, also referred to as base flood zones or 100-year flood zones. Classified as Special Flood Hazard Areas (SFHAs) by FEMA. **MODERATE FLOOD RISK** - areas in between the limits of the 1% annual and the 0.2% annual (or 500-year) flood zones. **MINIMAL FLOOD RISK** - areas that are above the 500-year flood zones. **UNDETERMINED FLOOD RISK** - areas where flood analysis has not been conducted.

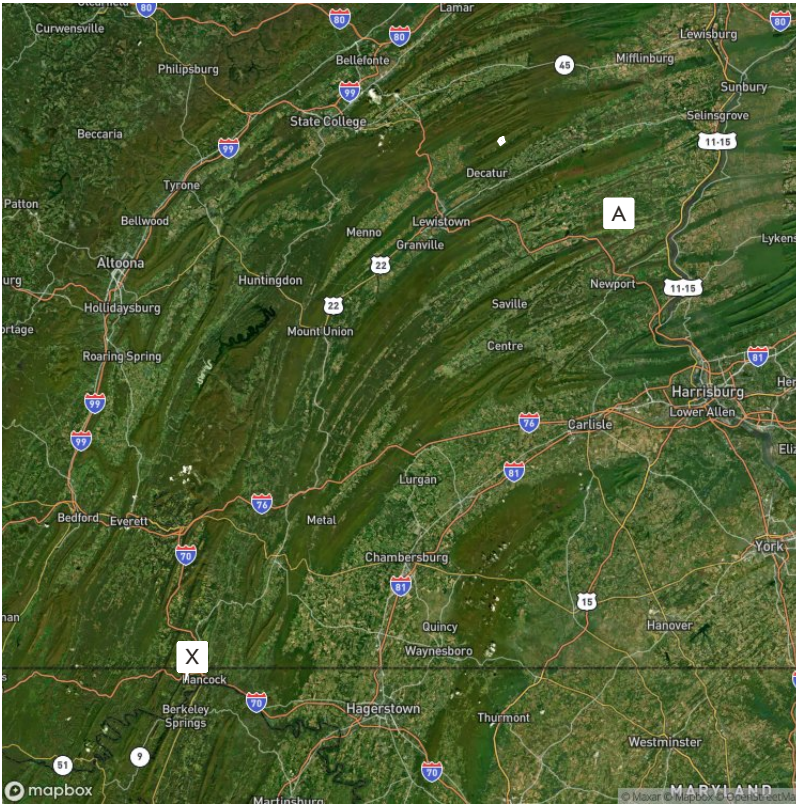
Source: FEMA National Flood Hazard Layer

Field 3

8 ac.

FLOOD ZONE	FLOOD RISK*	FLOOD ZONE SUBTYPE	ACRES	PERCENTAGE OF FIELD
A	HIGH	N/A	5.04	65.5%
X	MINIMAL	AREA OF MINIMAL FLOOD HAZARD	2.66	34.5%
			7.70	

3 fields, 425 acres in Fulton and Juniata and Mifflin Counties, PA



Legend

- SPECIAL FLOOD HAZARD AREAS**
 - Without Base Flood Elevation (BFE) Zone A, V, A99
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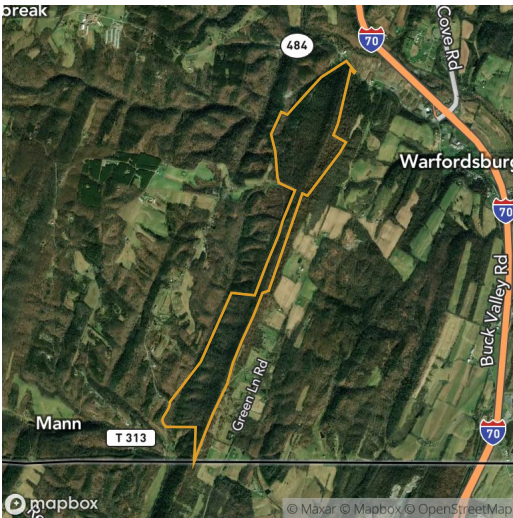
Source: FEMA National Flood Hazard Layer

All fields

425 ac.

FLOOD ZONE	FLOOD RISK*	FLOOD ZONE SUBTYPE	ACRES	PERCENTAGE OF FIELD
X	MINIMAL	AREA OF MINIMAL FLOOD HAZARD	416.47	98.1%
A	HIGH	N/A	8.21	1.9%
			424.68	

3 fields, 425 acres in Fulton and Juniata and Mifflin Counties, PA



Field 1

369 ac.



2022 2021 2020 2019 2018

Forest	99.2%	99.2%	99.4%	99.4%	99.2%
Other	0.8%	0.8%	0.6%	0.6%	0.8%



Field 2

48 ac.



2022 2021 2020 2019 2018

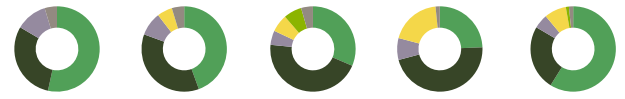
Forest	96.5%	96.0%	96.5%	96.5%	95.9%
Other	3.5%	4.0%	3.5%	3.5%	4.1%

3 fields, 425 acres in Fulton and Juniata and Mifflin Counties, PA



Field 3

8 ac.



2022 2021 2020 2019 2018

Grass/Pasture	53.4%	44.4%	31.4%	24.4%	58.9%
Forest	30.1%	36.1%	45.1%	46.5%	24.6%
Non-Cropland	11.9%	9.0%	5.4%	8.3%	5.4%
Corn	-	5.8%	6.6%	19.3%	8.3%
Soybeans	-	-	6.9%	-	1.2%
Other	4.7%	4.7%	4.5%	1.6%	1.6%



All fields

425 ac.



2022 2021 2020 2019 2018

Forest	97.7%	97.7%	98.1%	98.2%	97.4%
Other	2.3%	2.3%	1.9%	1.8%	2.6%




This crop rotation may be eligible for Carbon by Indigo - the following crops are currently supported: Barley, Dry beans/peas, Canola, Corn, Cotton, Flax, Oats, Peanuts, Rye, Sorghum, Soybeans, Sugar beets, Sunflowers, Triticale, and Wheat. [Click here to find out more about your qualification.](#)


Source: NASS Cropland Data Layer

3 fields, 425 acres in Fulton and Juniata and Mifflin Counties, PA

Fulton County, PA

FIELD	ACRES	TAX AMOUNT	ASSESSED VALUE	LOCATION	OWNER (LAST UPDATED)	OWNER ADDRESS	LEGAL DESCRIPTION
1 	369.43	6,491.33	159,710.00	APN: 0302031000	KANAGY, HENRY L & MARY R (02/09/2022)	57 HUEY ST, ALLENSVILLE, PA 17002	Unknown

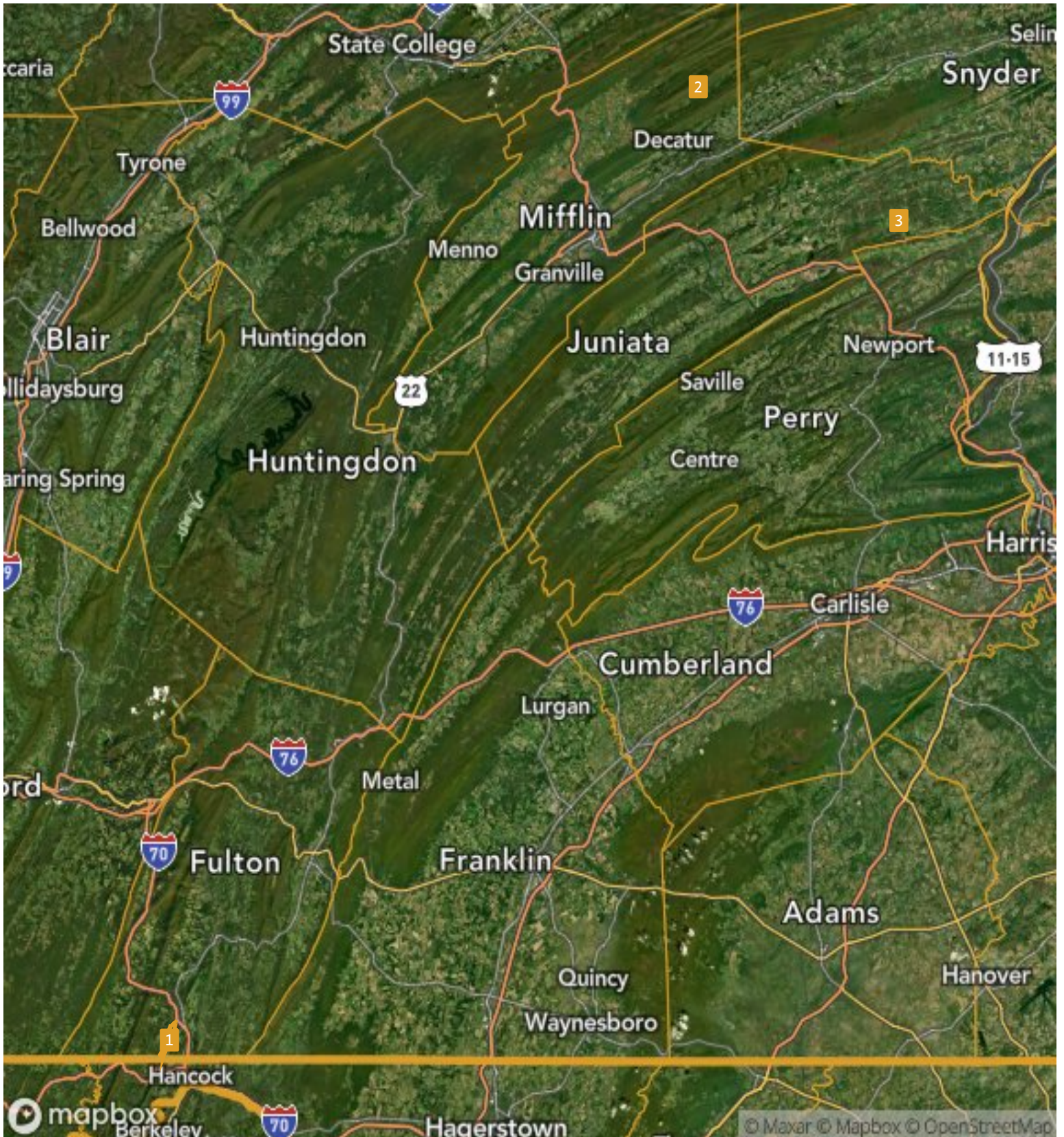
Mifflin County, PA

2 	47.55	2,181.16	64,950.00	APN: 12190106J000	BARGER, KENNETH D; ROBERT, L PAIGE (02/01/2022)	262 SIGLERVILLE PIKE, MILROY, PA 17063	Unknown
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Juniata County, PA




3 	7.70	2,335.52	14,100.00	APN: 0505008	FULTZ, DONALD F & ELKE (02/04/2022)	14297 ROUTE 235, MILLERSTOWN, PA 17062	Unknown
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3 fields, 425 acres in Fulton and Juniata and Mifflin Counties, PA



Juniata County, Pennsylvania

Legend

-  County Boundary
-  Parcels
-  ParcelHooks
- Roads
- Fayette Zoning

-  Agriculture
-  Commercial
-  Forest
-  Industrial
-  Residential

Municipalities

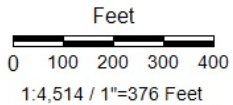
-  BEALE
-  DELAWARE
-  FAYETTE
-  FERMANAGH
-  GREENWOOD
-  LACK
-  MIFFLIN
-  MIFFLINTOWN
-  MILFORD
-  MONROE
-  PORT ROYAL
-  SPRUCE HILL
-  SUSQUEHANNA
-  THOMPSONTOWN
-  TURBETT
-  TUSCARORA
-  WALKER

Municipalities Labels



Title:

Date: 6/5/2023



DISCLAIMER: This drawing is neither a legally recorded map nor a survey and is not intended to be used as such. The information displayed is a compilation of records, information, and data obtained from various sources, and Town of Juniata County, PA is not responsible for its accuracy or how current it may be.