## National Flood Hazard Layer FIRMette



#### Legend

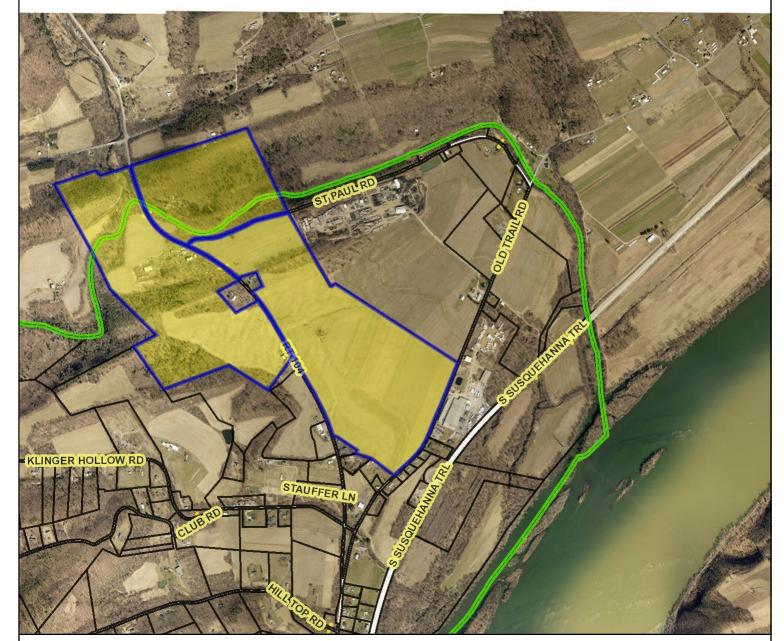
#### 76°58'7"W 40°38'55"N SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT Without Base Flood Elevation (BFE) Zone A. V. A9 With BFE or Depth Zone AE, AO, AH, VE, AR SPECIAL FLOOD HAZARD AREAS **Regulatory Floodway** B 0.2% Annual Chance Flood Hazard, Areas TOWNSHIPOFCHAPMAN of 1% annual chance flood with average depth less than one foot or with drainage 422034 areas of less than one square mile Zone X Future Conditions 1% Annual C0264E Chance Flood Hazard Zone X Area with Reduced Flood Risk due to eff. 8/24/2021 Levee. See Notes. Zone X OTHER AREAS OF FLOOD HAZARD Area with Flood Risk due to Levee Zone D Zone 🖁 427,FEET TOWNSHIP OF PERRY 425 **OODWAY** NO SCREEN Area of Minimal Flood Hazard Zone X 422038 Effective LOMRs OTHER AREAS Area of Undetermined Flood Hazard Zone D LOODWAY Zone AE - — – – Channel, Culvert, or Storm Sewer GENERAL Ň Zone A STRUCTURES LIIII Levee, Dike, or Floodwall 20.2 Cross Sections with 1% Annual Chance 6 17.5 Water Surface Elevation **Coastal Transect** Mase Flood Elevation Line (BFE) Limit of Study Zone A Jurisdiction Boundary **Coastal Transect Baseline** \_\_\_\_ OTHER **Profile Baseline** FEATURES Hydrographic Feature **Digital Data Available** Township of Susquehanna No Digital Data Available 421746 AREA OF MINIMAL FLOOD HAZARD MAP PANELS Unmapped The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location. 42067C0114D eff. 2/26/2021 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 1/22/2024 at 11:07 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 The NFHL and effective information may change or become superseded by new data over time.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 76°57'29"W 40°38'28"N Feet 1:6,000 unmapped and unmodernized areas cannot be used for regulatory purposes. 250 500 1,000 1.500 2,000

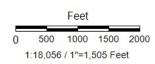
Basemap Imagery Source: USGS National Map 2023

### Juniata County, Pennsylvania

#### Legend

County Boundary Parcels ParcelHooks Roads Municipalities BEALE DELAWARE FAYETTE FERMANAGH GREENWOOD LACK MIFFLIN MIFFLINTOWN MILFORD MONROE PORT ROYAL SPRUCE HILL **SUSQUEHANNA** THOMPSONTOWN TURBETT TUSCARORA WALKER Municipalities Labels

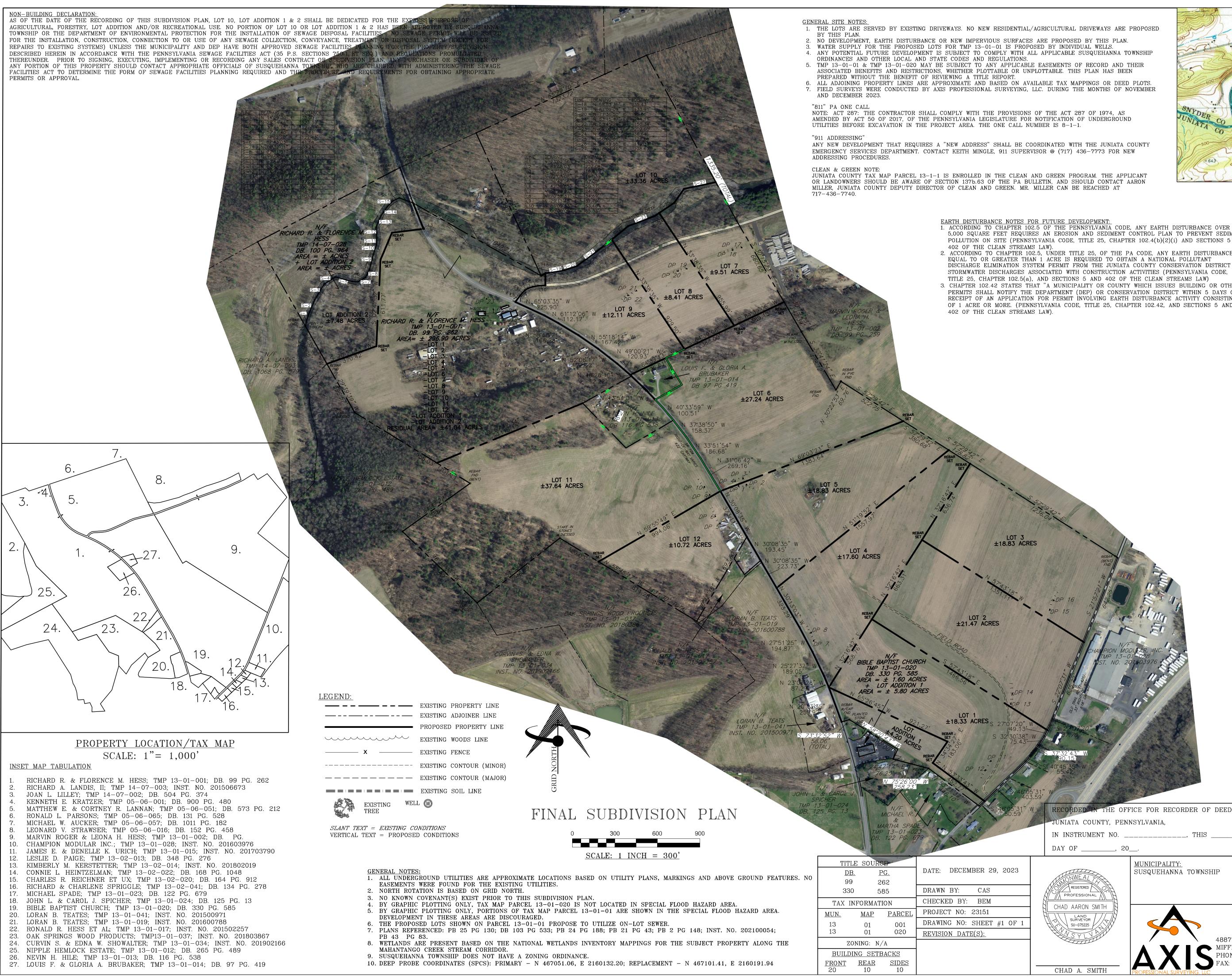




### Title:

Date: 1/31/2023

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.



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TAX I	NFORMAT	ION	CHECKED BY: BEM
MUN.	MAP	PARCEL	PROJECT NO: 23151
13	01	001	DRAWING NO: SHEET #1 OF 1
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BUILD	ING SETE	BACKS	
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5,000 SQUARE FEET REQUIRES AN EROSION AND SEDIMENT CONTROL PLAN TO PREVENT SEDIMEN POLLUTION ON SITE (PENNSYLVANIA CODE, TITLE 25, CHAPTER 102.4(b)(2)(i) AND SECTIONS 5 AN 2. ACCORDING TO CHAPTER 102.5. UNDER TITLE 25. OF THE PA CODE, ANY EARTH DISTURBANCE EQUAL TO OR GREATER THAN 1 ACRE IS REQUIRED TO OBTAIN A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT FROM THE JUNIATA COUNTY CONSERVATION DISTRICT F STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITIES (PENNSYLVANIA CODE, TITLE 25, CHAPTER 102.5(a), AND SECTIONS 5 AND 402 OF THE CLEAN STREAMS LAW) 3. CHAPTER 102.42 STATES THAT "A MUNICIPALITY OR COUNTY WHICH ISSUES BUILDING OR OTHER PERMITS SHALL NOTIFY THE DEPARTMENT (DEP) OR CONSERVATION DISTRICT WITHIN 5 DAYS OF RECEIPT OF AN APPLICATION FOR PERMIT INVOLVING EARTH DISTURBANCE ACTIVITY CONSISTING OF 1 ACRE OR MORE. (PENNSYLVANIA CODE, TITLE 25, CHAPTER 102.42, AND SECTIONS 5 AND

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SECRETARY NAL SUBDIVISION PLAN	CHAIRMAN		
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H(O)R	INAL SUBDIVISION PLAN 50 FOR	MATA	



JUNIATA COUNTY, PENNSYLVANIA,

DAY OF \_\_\_\_\_, 20\_\_\_.

THE OFFICE FOR RECORDER OF DEEDS,

IN INSTRUMENT NO. \_\_\_\_\_, THIS \_\_\_\_\_

MUNICIPALITY:

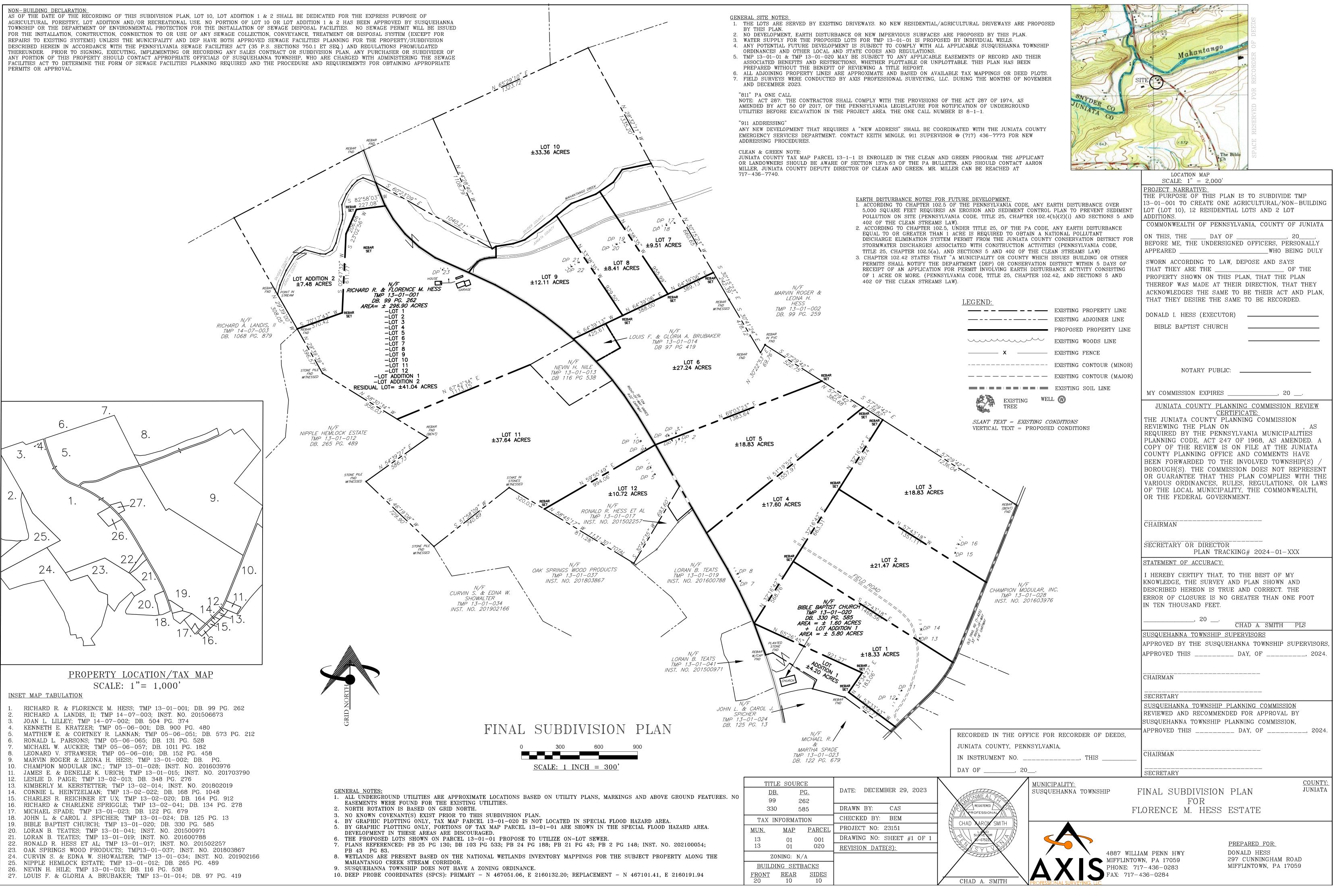
SUSQUEHANNA TOWNSHIP

4887 WILLIAM PENN HWY MIFFLINTOWN, PA 17059

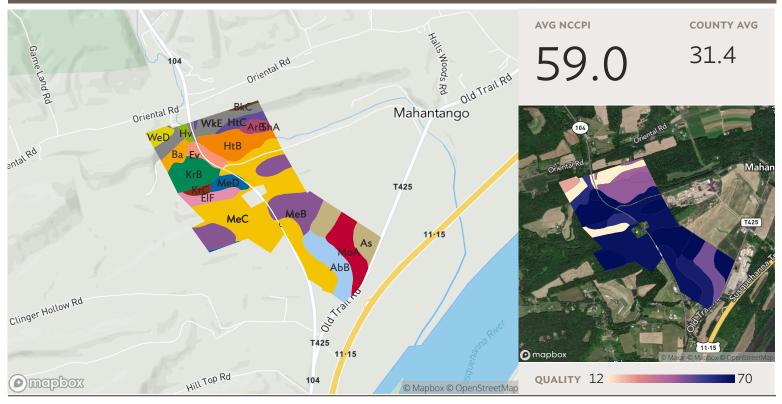
CHAD A. SMITH

PHONE: 717-436-0283 FAX: 717-436-0284

<u>PREPARED</u> FOR: DONALD HESS 297 CUNNINGHAM ROAD MIFFLINTOWN, PA 17059







Source: NRCS Soil Survey

### All fields

334 ac.

 SOIL	SOIL DESCRIPTION	ACRES PERC		SOIL	NCCPI
 CODE			FIELD	CLASS	
MeC	Mertz cherty silt loam, 8 to 15 percent slopes	99.41	29.8%	3	67.8
MeB	Mertz cherty silt loam, 3 to 8 percent slopes	44.18	13.2%	2	71.8
HtB	Hartleton channery silt loam, 3 to 8 percent slopes	23.78	7.1%	2	44.1
AbB	Allegheny loam, 2 to 8 percent slopes	23.59	7.1%	2	64.6
MoA	Monongahela silt loam, 0 to 3 percent slopes	22.71	6.8%	2	48.0
As	Ashton silt loam	21.77	6.5%	1	89.1
WkE	Weikert and Klinesville shaly silt loams, steep	21.69	6.5%	7	6.5
KrB	Kreamer cherty silt loam, 2 to 8 percent slopes	20.35	6.1%	2	70.2
EIF	Elliber very cherty loam, 25 to 60 percent slopes	9.34	2.8%	7	10.9

 $\label{eq:acceleration} \mbox{AcreValue} @ 2023 \mbox{ Ag-Analytics Technology Company All Rights Reserved.}$ 

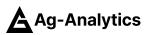
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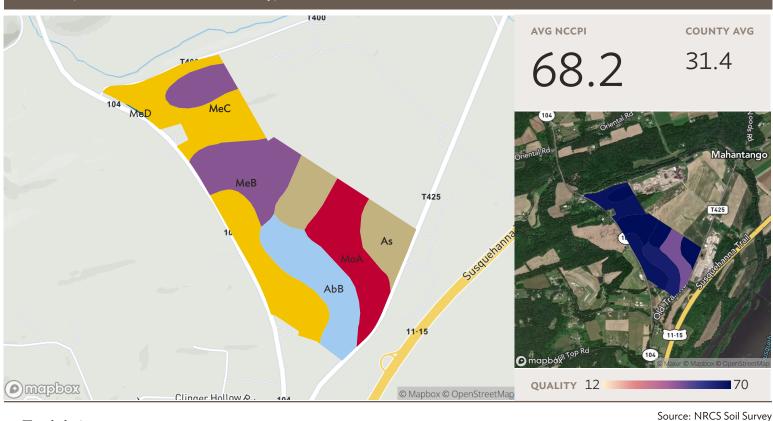


3 fields, 334 acres in Juniata County, PA						
	MeD	Mertz cherty silt loam, 15 to 25 percent slopes	7.79	2.3%	4	59.9
	Ev	Evendale cherty silt loam	7.69	2.3%	3	73.5
	<ul> <li>HtC Hartleton channery silt loam, 8 to 15 percent slopes</li> </ul>		7.16	2.1%	3	42.0
	Ba	Barbour soils, frequently flooded	6.73	2.0%	2	60.6
	ArB Alvira silt loam, 3 to 8 percent slopes		5.49	1.6%	3	44.2
	WeD	Weikert channery silt loam, 15 to 25 percent slopes	5.44	1.6%	6	22.4
	KrC	Kreamer cherty silt loam, 8 to 15 percent slopes	3.20	1.0%	3	66.7
	Hv	Holly silt loam	2.28	0.7%	4	56.3
	BkC	Berks channery silt loam, 8 to 15 percent slopes	1.35	0.4%	3	42.7
	ShA	Shelmadine silt loam, 0 to 3 percent slopes	0.05	0.0%	4	29.8
			334.00			59.0









### Field 1

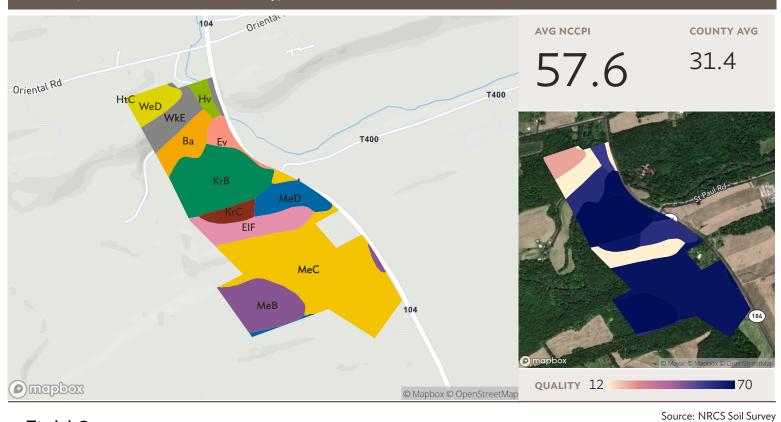
#### 147 ac.

SOI		ACRES PI	ERCENTAGE OF	SOIL	NCCPI
COE	DDE		FIELD	CLASS	
📕 Me	eC Mertz cherty silt loam, 8 to 15 percent slopes	47.55	32.4%	3	67.8
Me	eB Mertz cherty silt loam, 3 to 8 percent slopes	31.01	21.1%	2	71.8
Abl	bB Allegheny loam, 2 to 8 percent slopes	23.59	16.1%	2	64.6
Mo	oA Monongahela silt loam, 0 to 3 percent slopes	22.71	15.5%	2	48.0
As	s Ashton silt loam	21.77	14.8%	1	89.1
Me	eD Mertz cherty silt loam, 15 to 25 percent slopes	0.11	0.1%	4	59.9
		146.73			68.2

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### Field 2

#### 125 ac.

 SOIL	SOIL DESCRIPTION	ACRES PERC	ENTAGE OF	SOIL	NCCPI
 CODE			FIELD	CLASS	
MeC	Mertz cherty silt loam, 8 to 15 percent slopes	45.33	36.4%	3	67.8
KrB	Kreamer cherty silt loam, 2 to 8 percent slopes	20.35	16.3%	2	70.2
MeB	Mertz cherty silt loam, 3 to 8 percent slopes	13.17	10.6%	2	71.8
EIF	Elliber very cherty loam, 25 to 60 percent slopes	9.34	7.5%	7	10.9
WkE	Weikert and Klinesville shaly silt loams, steep	7.77	6.2%	7	6.5
MeD	Mertz cherty silt loam, 15 to 25 percent slopes	7.68	6.2%	4	59.9
Ba	Barbour soils, frequently flooded	6.73	5.4%	2	60.6
WeD	Weikert channery silt loam, 15 to 25 percent slopes	5.44	4.4%	6	22.4
Ev	Evendale cherty silt loam	3.28	2.6%	3	73.5

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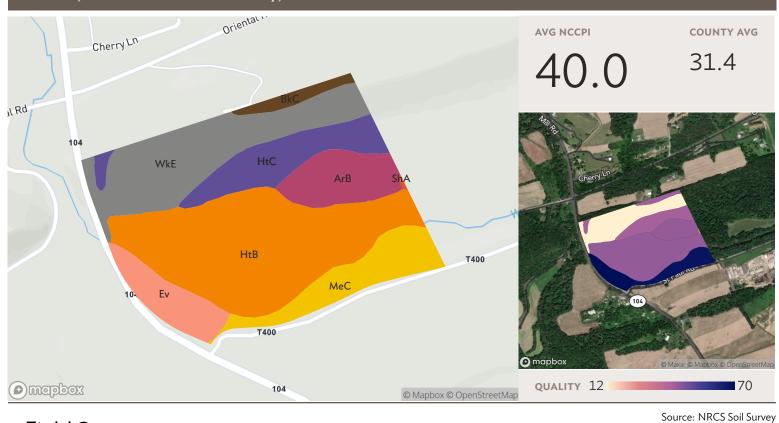


3 fields, 334 acres in Juniata County, PA					
KrC	Kreamer cherty silt loam, 8 to 15 percent slopes	3.20	2.6%	3	66.7
Hv	Holly silt loam	2.28	1.8%	4	56.3
■ HtC	Hartleton channery silt loam, 8 to 15 percent slopes	0.01	0.0%	3	42.0
		124.58			57.6









### Field 3

63 ac.

SOIL	SOIL DESCRIPTION	ACRES PER	CENTAGE OF	SOIL	NCCPI
CODE			FIELD	CLASS	
HtB	Hartleton channery silt loam, 3 to 8 percent slopes	23.78	37.9%	2	44.1
WkE	Weikert and Klinesville shaly silt loams, steep	13.92	22.2%	7	6.5
HtC	Hartleton channery silt loam, 8 to 15 percent slopes	7.15	11.4%	3	42.0
MeC	Mertz cherty silt loam, 8 to 15 percent slopes	6.54	10.4%	3	67.8
ArB	Alvira silt loam, 3 to 8 percent slopes	5.49	8.8%	3	44.2
Ev	Evendale cherty silt loam	4.41	7.0%	3	73.5
BkC	Berks channery silt loam, 8 to 15 percent slopes	1.35	2.2%	3	42.7
ShA	Shelmadine silt loam, 0 to 3 percent slopes	0.05	0.1%	4	29.8
		62.68			40.0

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Legend				
SPECIAL FLOOD HAZARD AREAS High flood risk		Without Base Flood Elevation (BFE) Zone A, V, A99 With BFE or Depth Zone AE, AO, AH, VE, AR Regulatory Floodway		
		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>		
OTHER AREAS OF FLOOD HAZARD		Future Conditions 1% Annual Chance Flood Hazard Zone X		
Moderate flood risk		Areas with Reduced Flood Risk due to Levee <i>Zone X</i>		
		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

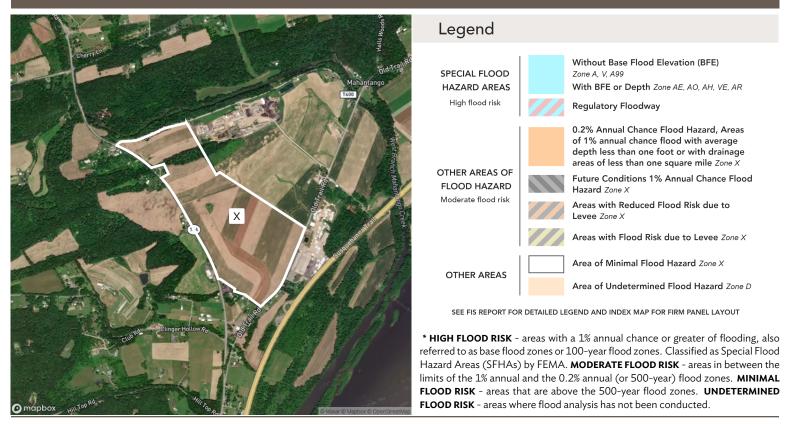
### All fields

#### 334 ac.

FLOO ZONE	I LOOD MISK	FLOOD ZONE SUBTYPE	ACRES	PERCENTAGE OF FIELD
□ X	MINIMAL	AREA OF MINIMAL FLOOD HAZARD	289.57	86.7%
🗖 AE	HIGH	N/A	17.86	5.3%
A	HIGH	N/A	12.97	3.9%
AE	HIGH	FLOODWAY	10.62	3.2%
□ X	MODERATE	0.2 PCT ANNUAL CHANCE FLOOD HAZARD	2.95	0.9%
			333.98	





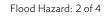


Source: FEMA National Flood Hazard Layer

### Field 1

147 ac.

FLOOD ZONE	FLOOD RISK <sup>*</sup>	FLOOD ZONE SUBTYPE	ACRES	PERCENTAGE OF FIELD
Х	MINIMAL	AREA OF MINIMAL FLOOD HAZARD	146.73	100.0%
			146.73	









Legend				
SPECIAL FLOOD HAZARD AREAS High flood risk		Without Base Flood Elevation (BFE) Zone A, V, A99 With BFE or Depth Zone AE, AO, AH, VE, AR Regulatory Floodway		
OTHER AREAS OF		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		
FLOOD HAZARD Moderate flood risk		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		
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 2

#### 125 ac.

FLOOD ZONE	FLOOD RISK <sup>*</sup>	FLOOD ZONE SUBTYPE	ACRES	PERCENTAGE OF FIELD
X	MINIMAL	AREA OF MINIMAL FLOOD HAZARD	105.42	84.6%
A	HIGH	N/A	12.97	10.4%
AE	HIGH	N/A	4.23	3.4%
AE	HIGH	FLOODWAY	1.54	1.2%
X	MODERATE	0.2 PCT ANNUAL CHANCE FLOOD HAZARD	0.42	0.3%
			124.57	





# AcreValue

#### 3 fields, 334 acres in Juniata County, PA



Legend	
SPECIAL FLOOD HAZARD AREAS High flood risk	Without Base Flood Elevation (BFE) Zone A, V, A99 With BFE or Depth Zone AE, AO, AH, VE, AR 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 <i>Zone X</i> Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i> Areas with Reduced Flood Risk due to Levee <i>Zone X</i> Areas with Flood Risk due to Levee <i>Zone X</i>
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

#### 63 ac.

FLOOD	FLOOD RISK <sup>*</sup>	FLOOD ZONE SUBTYPE	ACRES	PERCENTAGE OF FIELD
X	MINIMAL	AREA OF MINIMAL FLOOD HAZARD	37.42	59.7%
AE	HIGH	N/A	13.64	21.8%
AE	HIGH	FLOODWAY	9.08	14.5%
X	MODERATE	0.2 PCT ANNUAL CHANCE FLOOD HAZARD	2.53	4.0%
			62.67	





🕑 mapk

2017

41.3%

21.6%

22.9%

7.3%

3.6%

3.3%

#### 3 fields, 334 acres in Juniata County, PA

Oriental Rd Oriental Rd Mahan	<b>ll fields</b> 4 ac.	2021	2020	2019	2018
2 7425	Forest	37.7%	39.3%	39.5%	40.3%
	Corn	24.2%	26.6%	30.1%	22.0%
	Soybeans	24.1%	20.9%	23.5%	26.4%
	Non-Cropland	4.4%	4.8%	4.3%	6.5%
obox	Winter Wheat	4.5%	5.1%	-	1.4%
-	Other	5.1%	3.5%	2.6%	3.4%



<b>Field 1</b> 147 ac.		2021	2020	2019	2018	2017
	Soybeans	54.2%	29.9%	50.1%	42.7%	46.3%
	Corn	25.4%	47.8%	41.1%	41.6%	31.1%
	Winter Wheat	10.2%	11.4%	_	3.2%	8.2%
	Forest	3.8%	4.1%	4.4%	5.4%	6.1%
	Non-Cropland	2.7%	4.3%	3.1%	5.4%	6.4%
	Other	3.7%	2.5%	1.3%	1.8%	1.9%







<b>Field 2</b> 125 ac.	2021	2020	2019	2018	2017
Forest	52.2%	55.8%	55.2%	55.9%	57.2%
Corn	34.5%	14.7%	31.7%	9.8%	21.1%
Soybeans	0.8%	20.4%	3.8%	20.5%	7.0%
Non-Cropland	5.1%	5.0%	5.5%	8.2%	9.3%
Other	7.4%	4.1%	3.8%	5.6%	5.5%



Field 3 <sup>63 ac.</sup>	0	0	0	0	0
	2021	2020	2019	2018	2017
Forest	88.0%	88.9%	90.7%	90.8%	91.8%
Non-Cropland	7.3%	5.2%	4.9%	5.8%	5.5%
Other	4.7%	5.8%	4.4%	3.4%	2.6%

Source: NASS Cropland Data Layer





### Juniata County, PA

FIELD	ACRES	LOCATION	OWNER (LAST UPDATED)	OWNER ADDRESS
1 🏷	146.73	APN: 1301001	HESS, RICHARD R (02/04/2022)	1921 ROUTE 104, LIVERPOOL, PA 17045
2	124.58	APN: 1301001	HESS, RICHARD R (02/04/2022)	1921 ROUTE 104, LIVERPOOL, PA 17045
3	62.68	APN: 1301001	HESS, RICHARD R (02/04/2022)	1921 ROUTE 104, LIVERPOOL, PA 17045

334.00



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