

# APPENDIX B

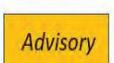
*Wetlands, Floodplain, and Soil Maps*

# Floodplain Map

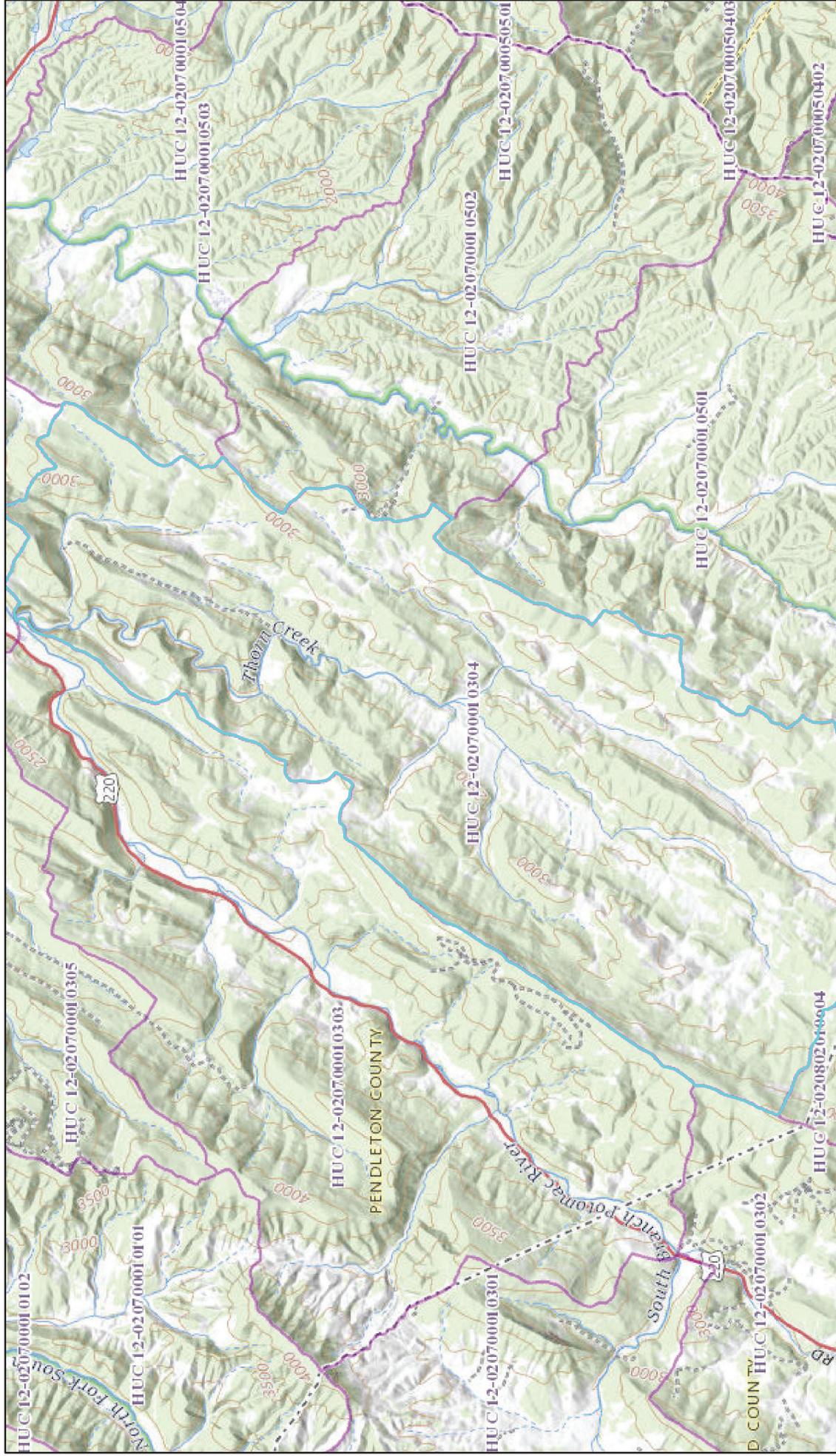
# Sandy Ridge Water Extension



This map is not the official regulatory FIRM or DFIRM. Its purpose is to assist with determining potential flood risk for the selected location.

H I G H  R I S K	 Regulatory Floodway	 1-Percent-Annual-Chance Flood Hazard Area <b>With Base Flood Elevation (BFE)</b>	 1-Percent-Annual-Chance Flood Hazard Area <b>Without BFE (may have Advisory Flood Heights)</b>	 1-Percent-Annual-Chance Future Conditions (High Risk Advisory Flood Zones)	 Flood Info Location <span style="float: right;">Map created on 2/23/2021</span>
	User Notes				
	Flood Hazard Area				
	Flood Zone Stream Watershed (HUC8)				
Flood Height Water Depth		Elevation: 0.0 ft (Source: ) (NAVD88)			
Community & ID FEMA Map & Date Location (lat, long)					
Parcel ID E-911 Address					
Download the Full Legend for all flood tool symbols <a href="https://www.mapwv.gov/flood/map/docs/wv_flood_tool_legend.pdf">https://www.mapwv.gov/flood/map/docs/wv_flood_tool_legend.pdf</a>					
<b>Disclaimer:</b> The online map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. Refer to the official Flood Insurance Study (FIS) for detailed flood elevation data in flood profiles and data tables. WV Flood Tool ( <a href="https://www.MapWV.gov/flood">https://www.MapWV.gov/flood</a> ) is supported by FEMA, WV NFIP Office, and WV GIS Technical Center.					

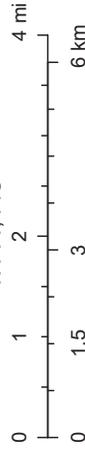
# Whitehorn Creek-Thorn Creek Watershed



7/26/2023, 2:40:25 PM

- 14-digit HU
- 12-digit HU (Subwatershed)
- 2-digit HU (Region)

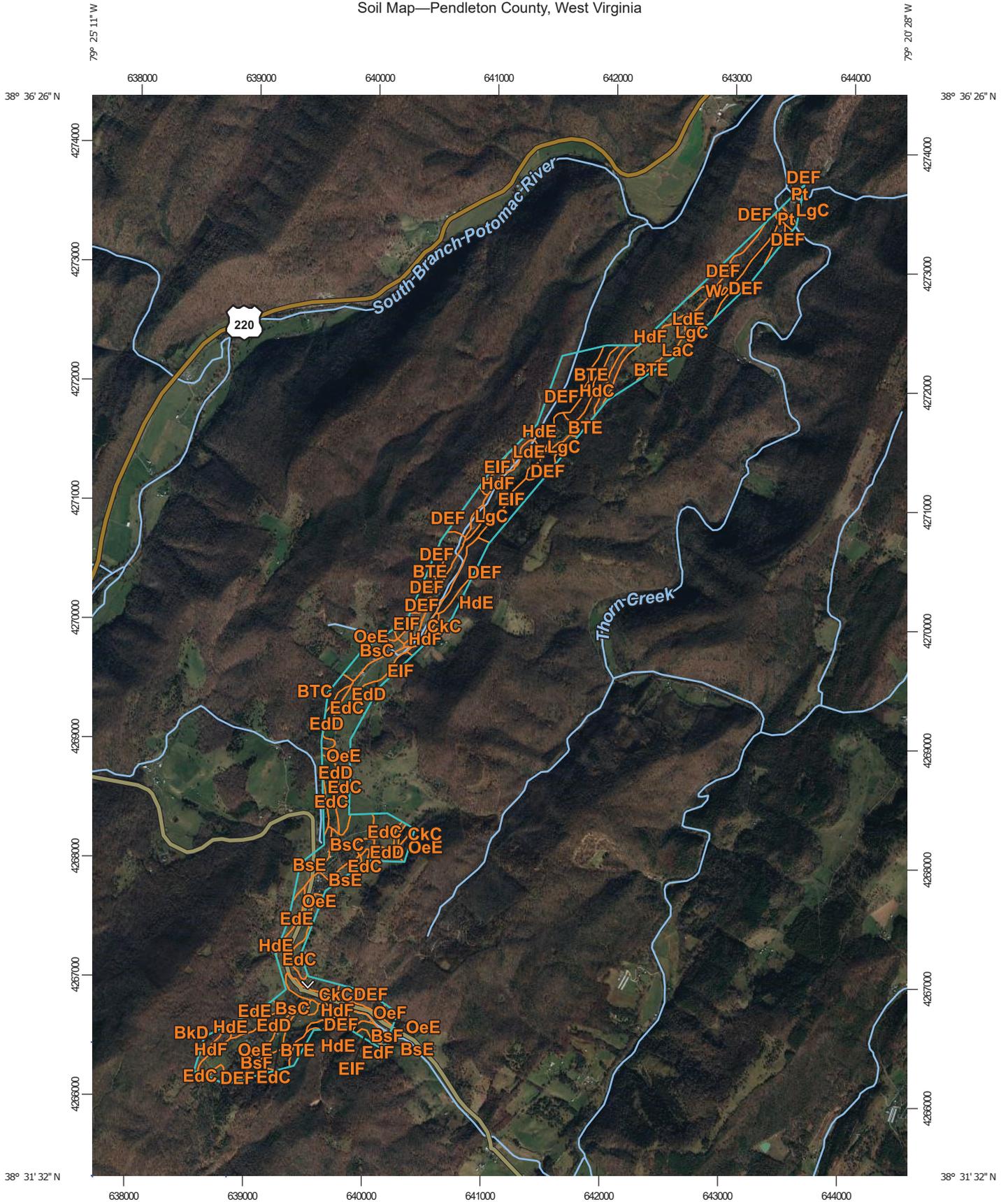
1:144,448



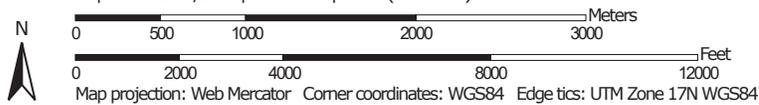
USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; USGS Global Ecosystems; U.S. Census

# Soil Map

Soil Map—Pendleton County, West Virginia



Map Scale: 1:44,200 if printed on A portrait (8.5" x 11") sheet.



## MAP LEGEND

-  Area of Interest (AOI)
-  Area of Interest (AOI)
- Soils**
-  Soil Map Unit Polygons
-  Soil Map Unit Lines
-  Soil Map Unit Lines
-  Soil Map Unit Points
- Special Point Features**
-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot
-  Spoil Area
-  Stony Spot
-  Very Stony Spot
-  Wet Spot
-  Other
-  Special Line Features
- Water Features**
-  Streams and Canals
- Transportation**
-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads
- Background**
-  Aerial Photography

## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service  
 Web Soil Survey URL:  
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Pendleton County, West Virginia  
 Survey Area Data: Version 18, Sep 9, 2022

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Sep 23, 2020—Nov 3, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BkD	Berks channery silt loam, 15 to 25 percent slopes	4.0	0.5%
BsC	Blackthorn channery sandy loam, 3 to 15 percent slopes, stony	48.2	5.7%
BsE	Blackthorn channery sandy loam, 15 to 35 percent slopes, stony	45.8	5.4%
BsF	Blackthorn channery sandy loam, 35 to 55 percent slopes, stony	4.1	0.5%
BTC	Blackthorn-Dekalb-Elliber association, 3 to 15 percent slopes, stony	5.9	0.7%
BTE	Blackthorn-Dekalb-Elliber association, 15 to 35 percent slopes, stony	28.6	3.4%
CkC	Clarksburg channery silt loam, 8 to 15 percent slopes	30.9	3.6%
DEF	Dekalb-Elliber-Blackthorn association, 35 to 55 percent slopes, stony	127.4	15.0%
EdC	Edom channery silt loam, 8 to 15 percent slopes	88.7	10.4%
EdD	Edom channery silt loam, 15 to 25 percent slopes	129.6	15.2%
EdE	Edom channery silt loam, 25 to 35 percent slopes	20.4	2.4%
EdF	Edom channery silt loam, 35 to 55 percent slopes	8.2	1.0%
EIC	Elliber extremely channery loam, 8 to 15 percent slopes	5.3	0.6%
EID	Elliber extremely channery loam, 15 to 25 percent slopes	4.6	0.5%
EIE	Elliber extremely channery loam, 25 to 35 percent slopes	5.7	0.7%
EIF	Elliber extremely channery loam, 35 to 55 percent slopes	31.1	3.6%
HdC	Hazleton-Dekalb complex, 3 to 15 percent slopes, stony	19.0	2.2%
HdE	Hazleton-Dekalb complex, 15 to 35 percent slopes, very stony	34.1	4.0%

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
HdF	Hazleton-Dekalb complex, 35 to 55 percent slopes, stony	43.3	5.1%
LaC	Laidig channery loam, 8 to 15 percent slopes	4.0	0.5%
LdE	Laidig channery loam, 15 to 35 percent slopes, stony	81.8	9.6%
LgC	Laidig and Buchanan soils, 3 to 15 percent slopes, stony	56.1	6.6%
OeE	Opequon silt loam, 15 to 35 percent slopes, very rocky	17.4	2.0%
OeF	Opequon silt loam, 35 to 65 percent slopes, very rocky	1.9	0.2%
Pt	Potomac very cobbly fine sandy loam	5.2	0.6%
W	Water	0.4	0.0%
<b>Totals for Area of Interest</b>		<b>851.7</b>	<b>100.0%</b>

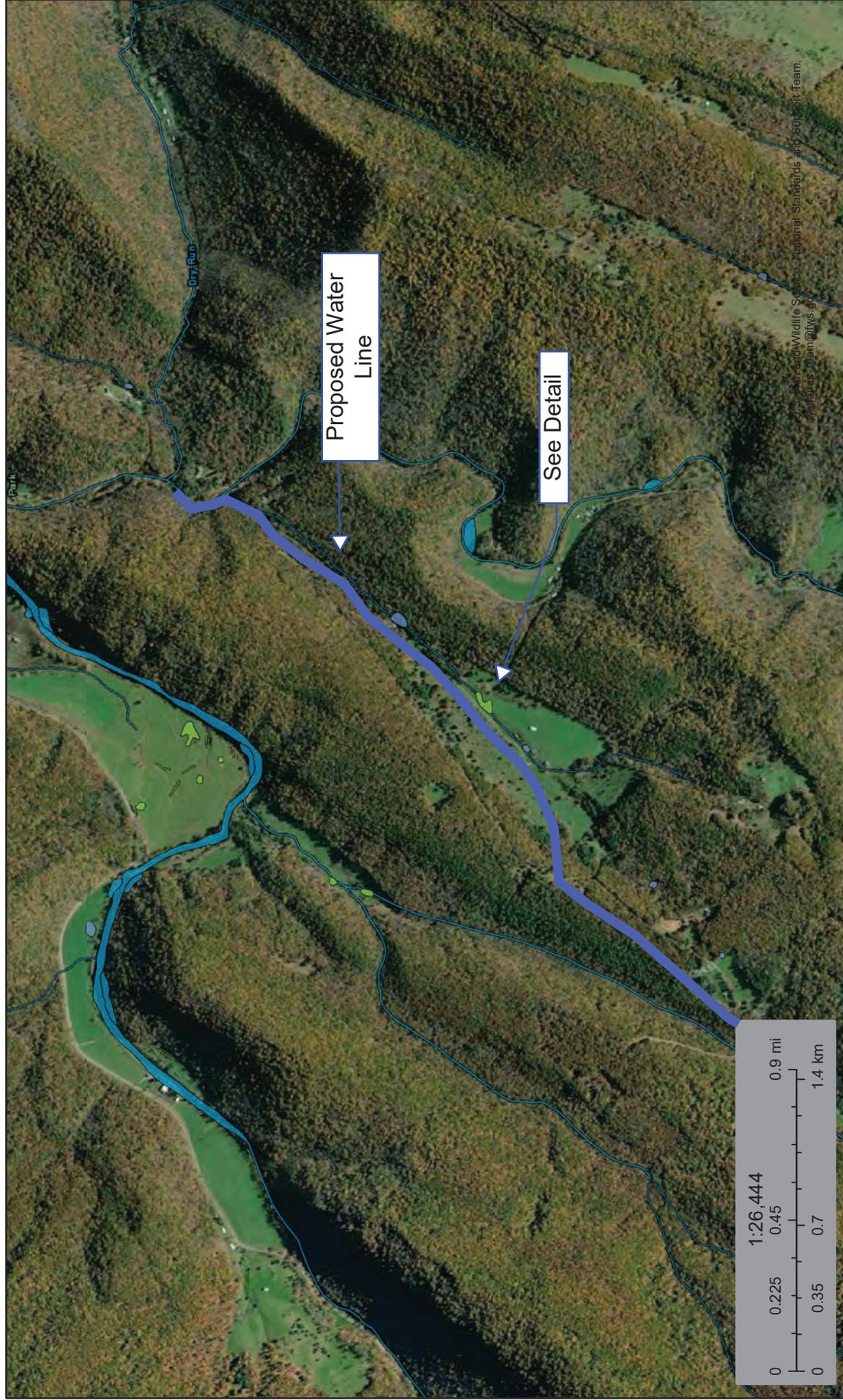
# Wetlands Mapping



U.S. Fish and Wildlife Service

# National Wetlands Inventory

## Sand Ridge 1 of 3



April 17, 2023

### Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.



U.S. Fish and Wildlife Service

# National Wetlands Inventory

## Sandy Ridge 2 of 3



Proposed Water Line



April 17, 2023

### Wetlands

-  Estuarine and Marine Deepwater
-  Estuarine and Marine Wetland
-  Freshwater Emergent Wetland
-  Freshwater Forested/Shrub Wetland
-  Freshwater Pond
-  Lake
-  Other
-  Riverine

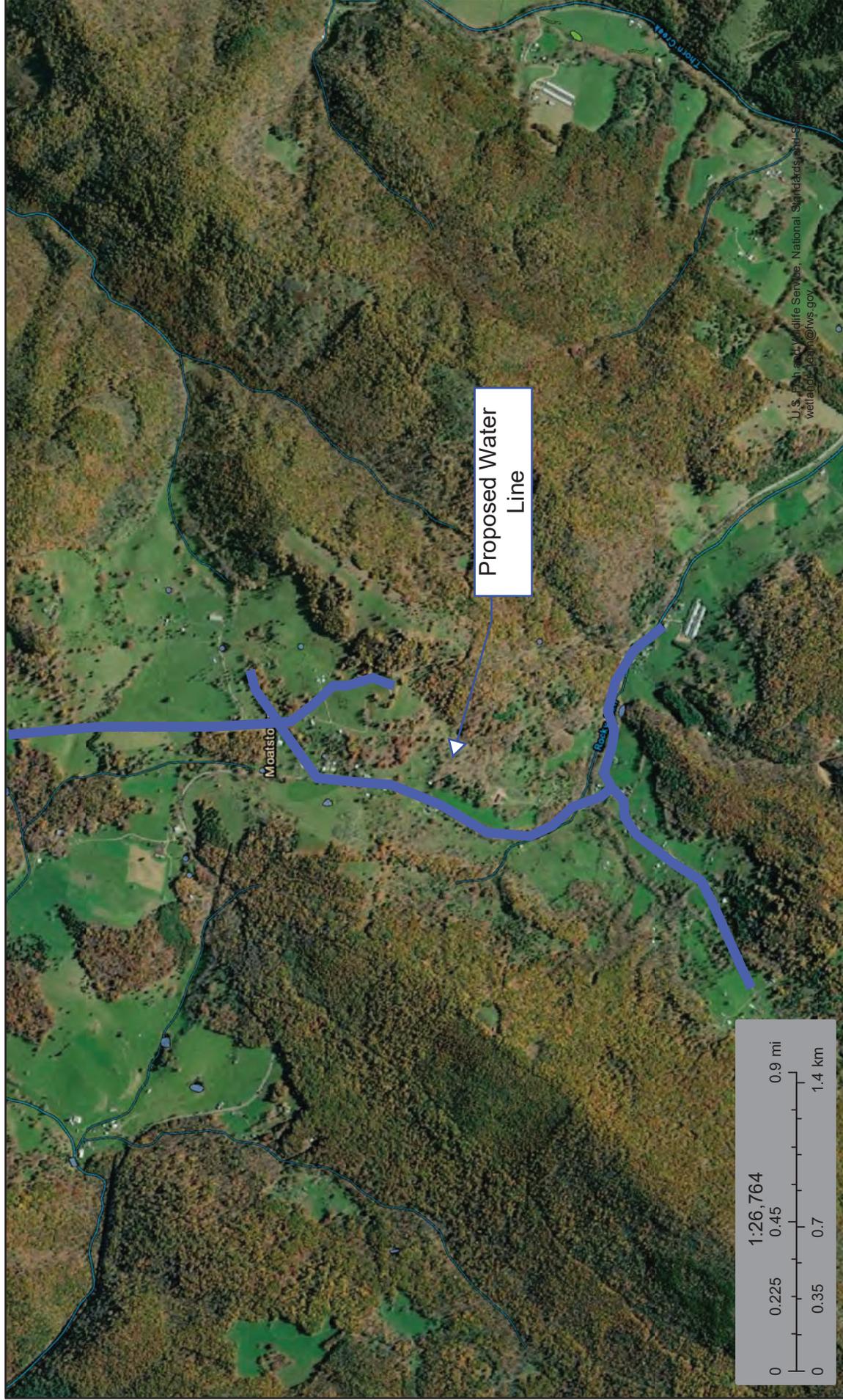
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U.S. Fish and Wildlife Service

# National Wetlands Inventory

## Sandy Ridge 3 of 3



April 17, 2023

### Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

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U.S. Fish and Wildlife Service, National Standards and Wetlands Team @fws.gov



U.S. Fish and Wildlife Service

# National Wetlands Inventory

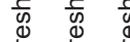
## Detail of Adjacent Wetland



U.S. Fish and Wildlife Service National Standards and Support Team  
wetlands\_team@fws.gov

May 8, 2023

### Wetlands

-  Estuarine and Marine Deepwater
-  Estuarine and Marine Wetland
-  Freshwater Emergent Wetland
-  Freshwater Forested/Shrub Wetland
-  Freshwater Pond
-  Lake
-  Other
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