





Base Map
April 2021

# **LEGEND**

Town of Poughkeepsie

County Boundary

City/Town Boundary

Village Boundary

----- Railroad

US Routes

State Routes

County Routes

Cocal Roads

Dutchess County Rail Trail

Perennial Streams

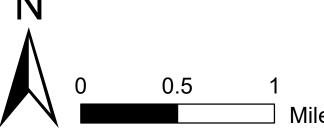
Intermittent Streams

NYSDEC Wetland

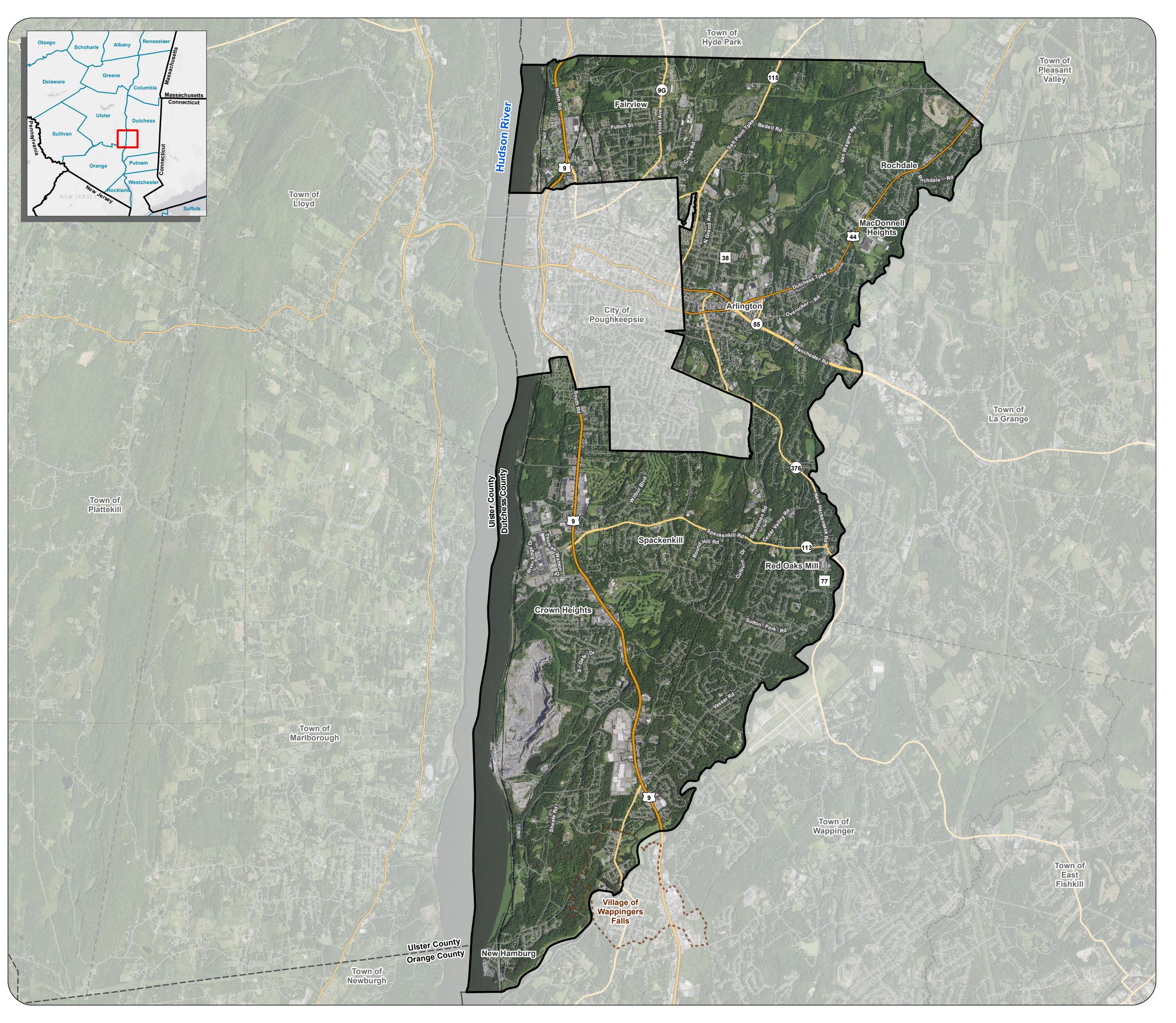
Open Water

Sources:
Esri, NYS ITS, Dutchess County,
NYSDEC, Hudsonia, Town of
Poughkeepsie













Aerial Imagery
April 2021

# **LEGEND**

**T** Town of Poughkeepsie

County Boundary

City/Town Boundary

Village Boundary

----- Railroad

US Routes

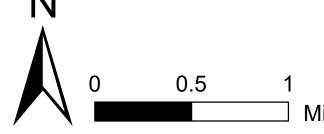
State Routes

County Routes

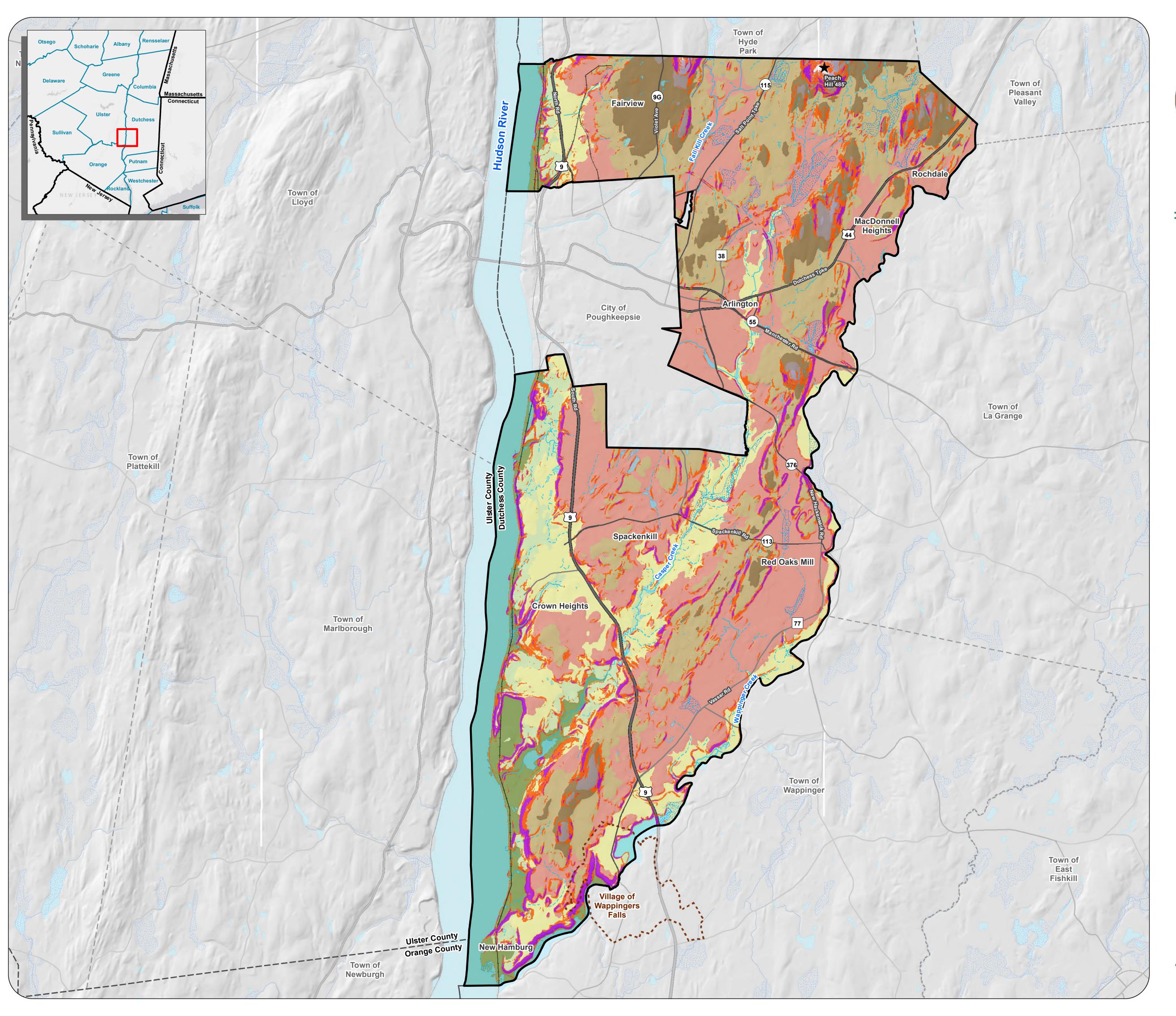
Cal Roads

Sources: Esri, NYS ITS, NAIP 2019 Imagery, Dutchess County, Town of Poughkeepsie





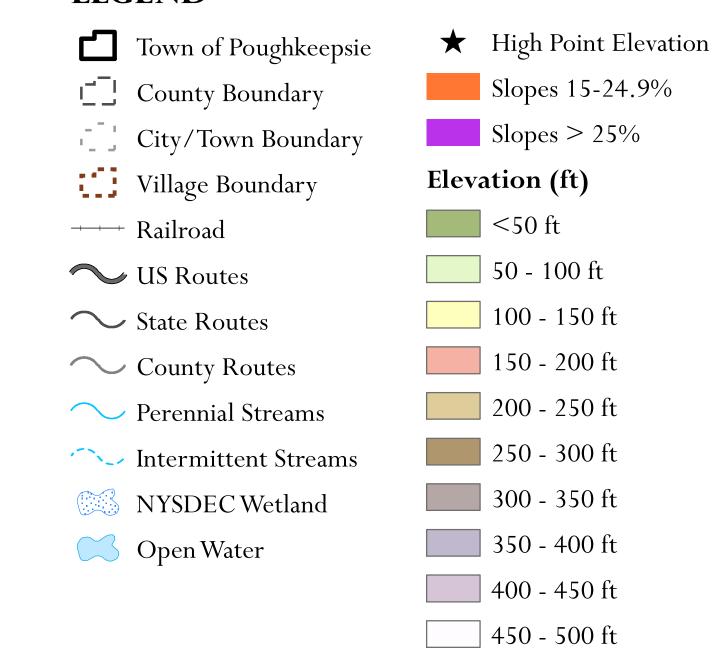






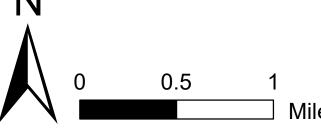
# Elevation & Steep Slopes April 2021

### **LEGEND**

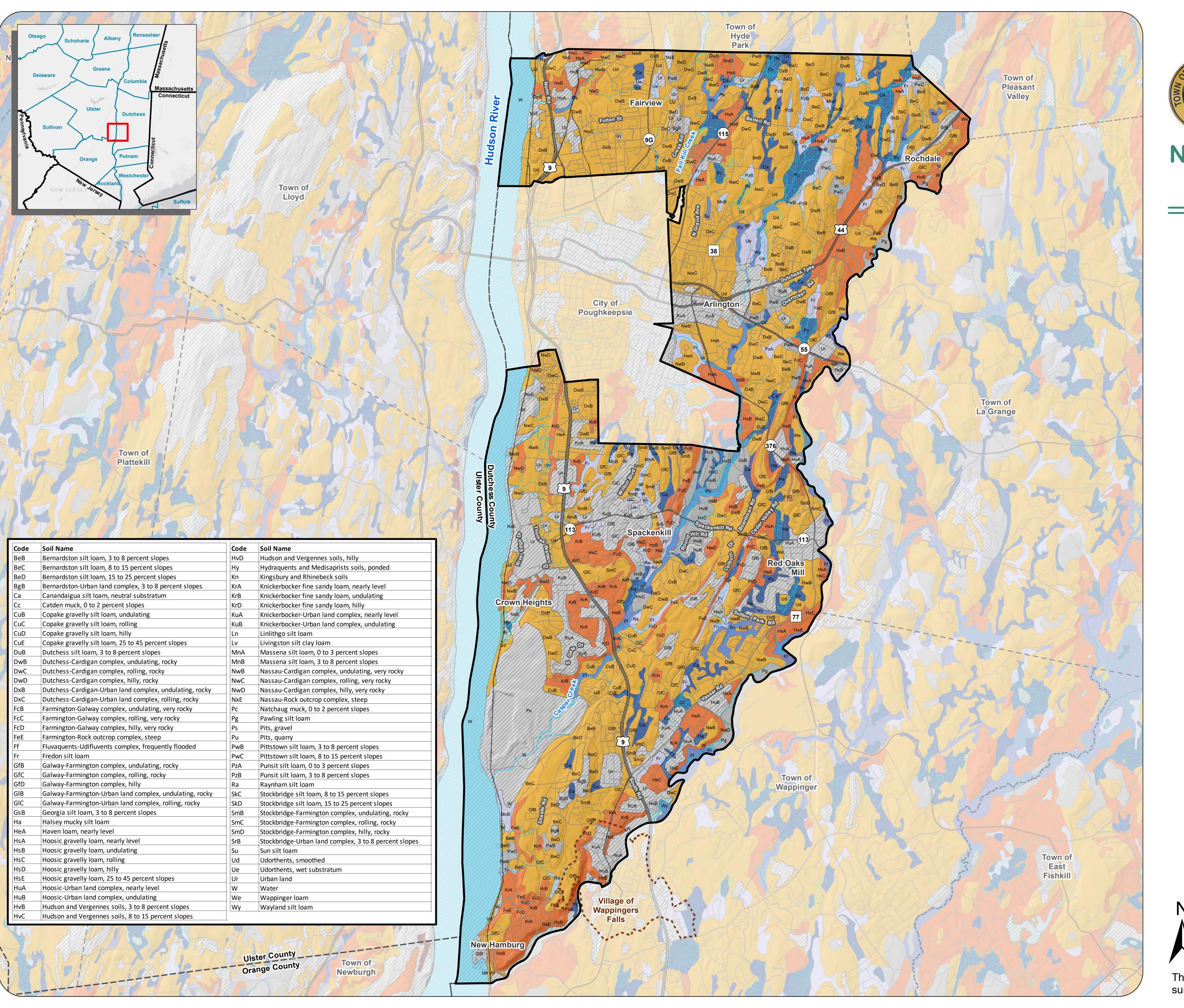


Sources:
Esri, NYS ITS, USGS, NYSDEC,
Hudsonia, Dutchess County,
Town of Poughkeepsie













# Soils

April 2021

#### **LEGEND**

- Town of Poughkeepsie
- County Boundary
- City/Town Boundary
- Village Boundary
- ----- Railroad
- US Routes
- State Routes
- County Routes
- Cocal Roads
- . . .
- Perennial Streams
- Intermittent Streams

  NYSDEC Wetland
- Hudson River

#### **Soil Drainage Class**

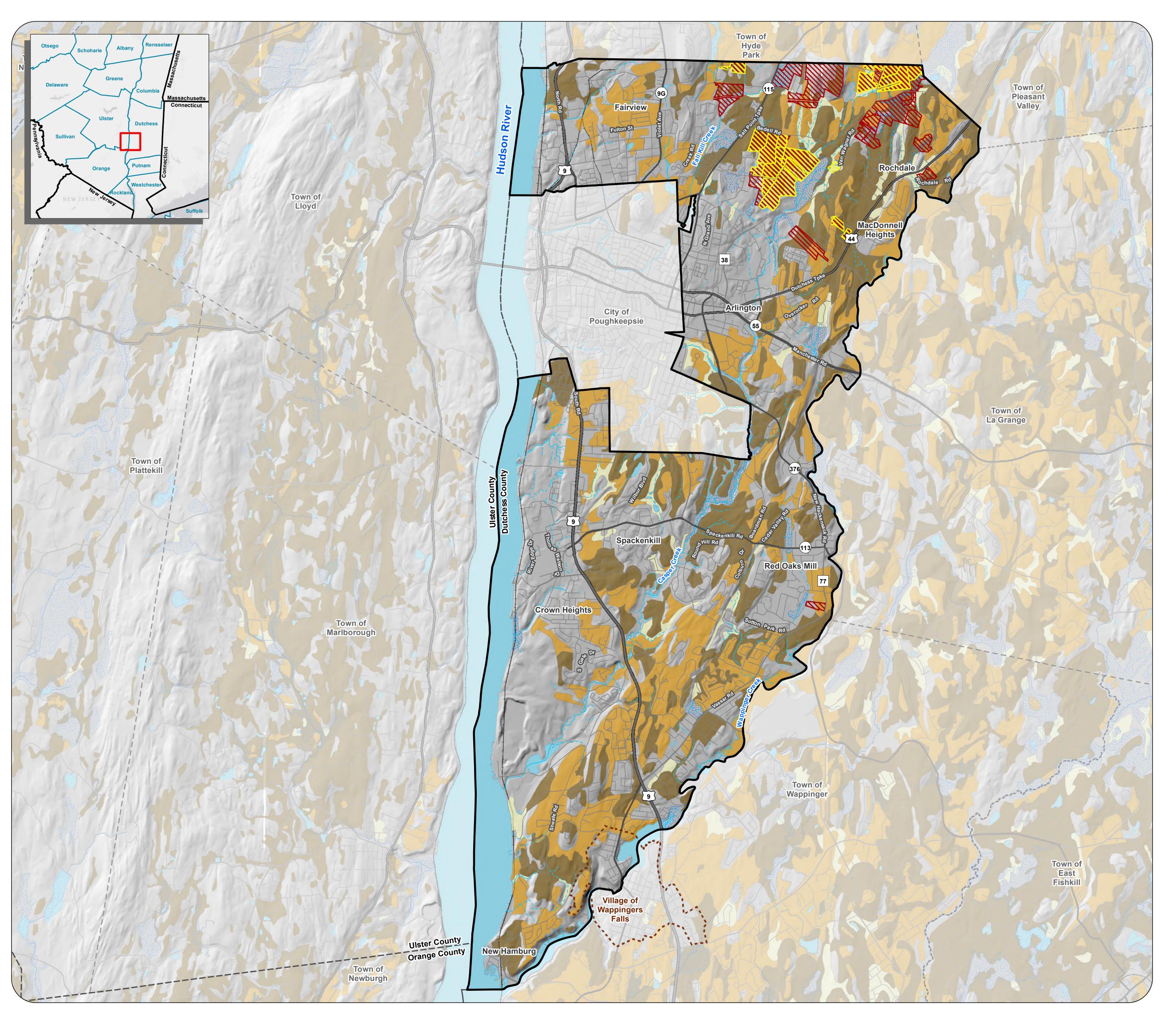
- Excessively drained\*
  - Somewhat excessively drained
- Well drained
- Moderately well drained
- Somewhat poorly drained
- Poorly drained
- Very poorly drained
- Unclassified
- \*None present within the Town

Sources: Esri, NYS ITS, USDA, Dutchess County, NYSDEC, Hudsonia, Town of Poughkeepsie











# Agricultural Resources April 2021

## **LEGEND**

Town of Poughkeepsie

County Boundary

City/Town Boundary

Village Boundary

----- Railroad

US Routes

State Routes

County Routes

Cocal Roads

Perennial Streams

Intermittent Streams

NYSDEC Wetland

Open Water

Agricultural Exemption

County Agricultural District

Prime Farmland Soils

Farmland Soils of Statewide Importance

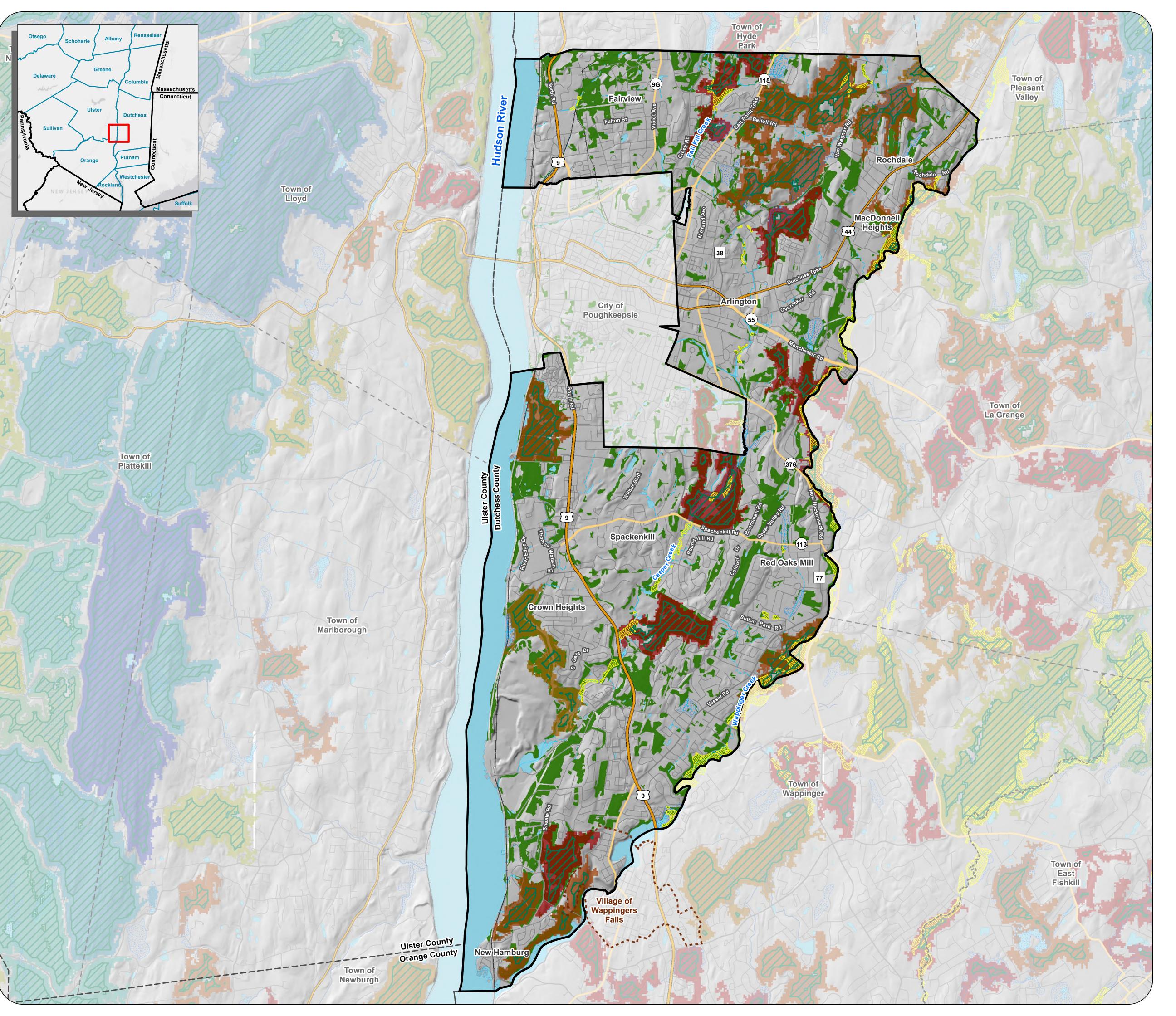
Prime Farmland Soils if Drained

Esri, NYS ITS, Dutchess County, NYSDEC, Hudsonia, Town of Poughkeepsie, USDA











& Open Space Plan

**Forests** April 2021

### **LEGEND**

	Town of Poughkeepsie	Fore	est Index
ď.	County Boundary		27 - 64.5
	City/Town Boundary		64.5 - 76
(0)	Village Boundary		76 - 85
	+ Railroad		85 - 93.5*
	US Routes		93.5 - 102*
~	State Routes		102 - 110.5*
$\sim$	County Routes		110.5 - 118.7
	Local Roads		118.7 - 129.5
$\sim$	Perennial Streams		129.5 - 145*
	<ul> <li>Intermittent Streams</li> </ul>		145 - 157*
	NYSDEC Wetland		157 - 176*
	Open Water		176 - 191.5*
	Core Forests**		
	Limestone Woodland Forest Community		

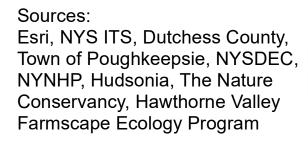
\*None present within the Town

Forest Habitat (Hudsonia)

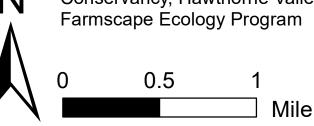
Floodplain Forests (Dutchess County)

\*\*Interior forests areas surrounded by at least a

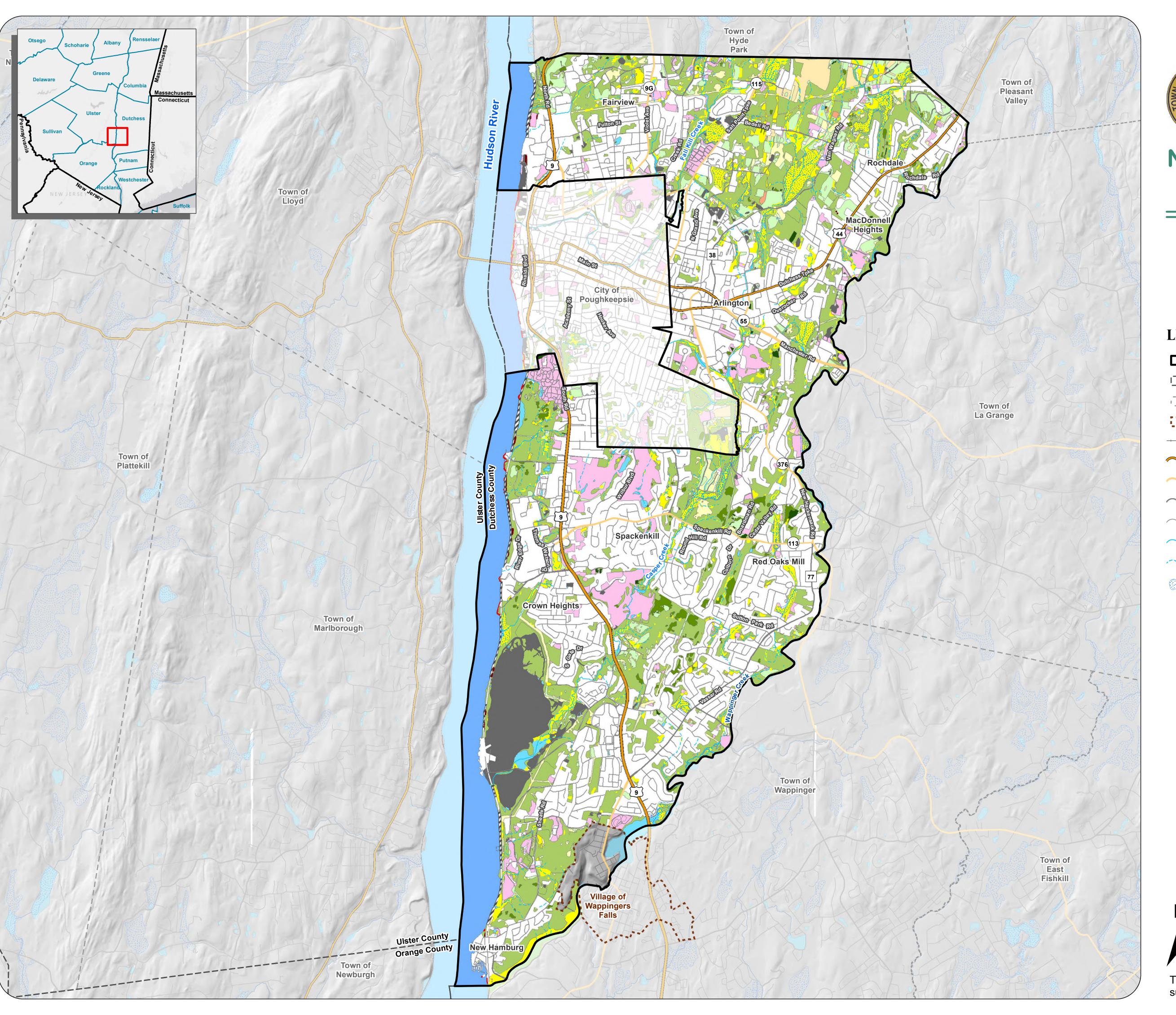
100-meter wide buffer of edge forest habitat









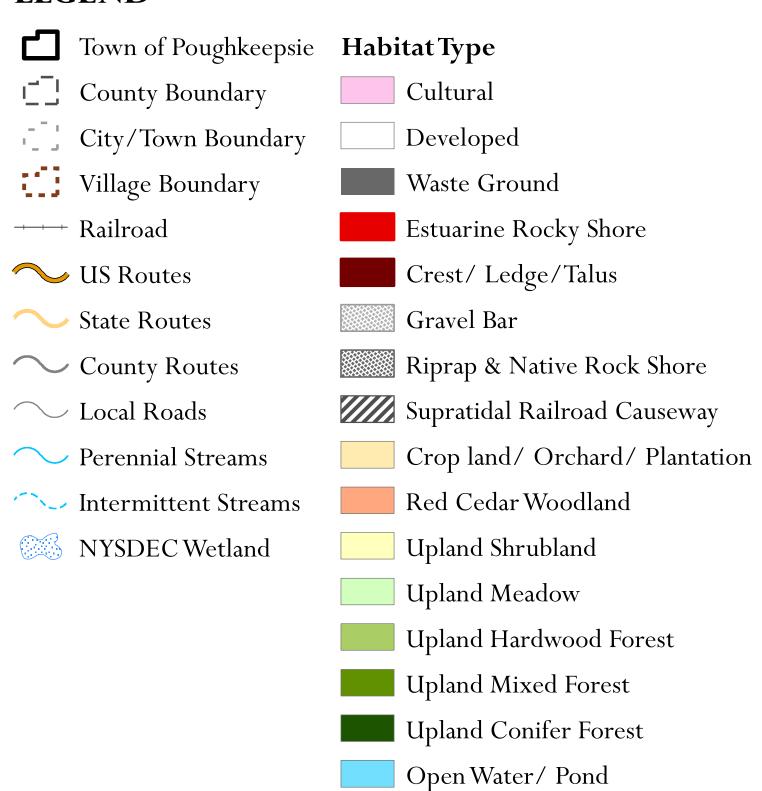




# **Ecologically Significant**Habitats

**April 2021** 

### **LEGEND**

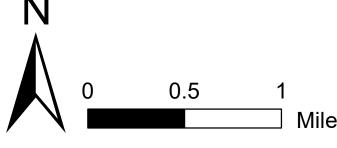


Sources: Esri, NYS ITS, NYSDEC, Dutchess County, Town of Poughkeepsie, Hudsonia

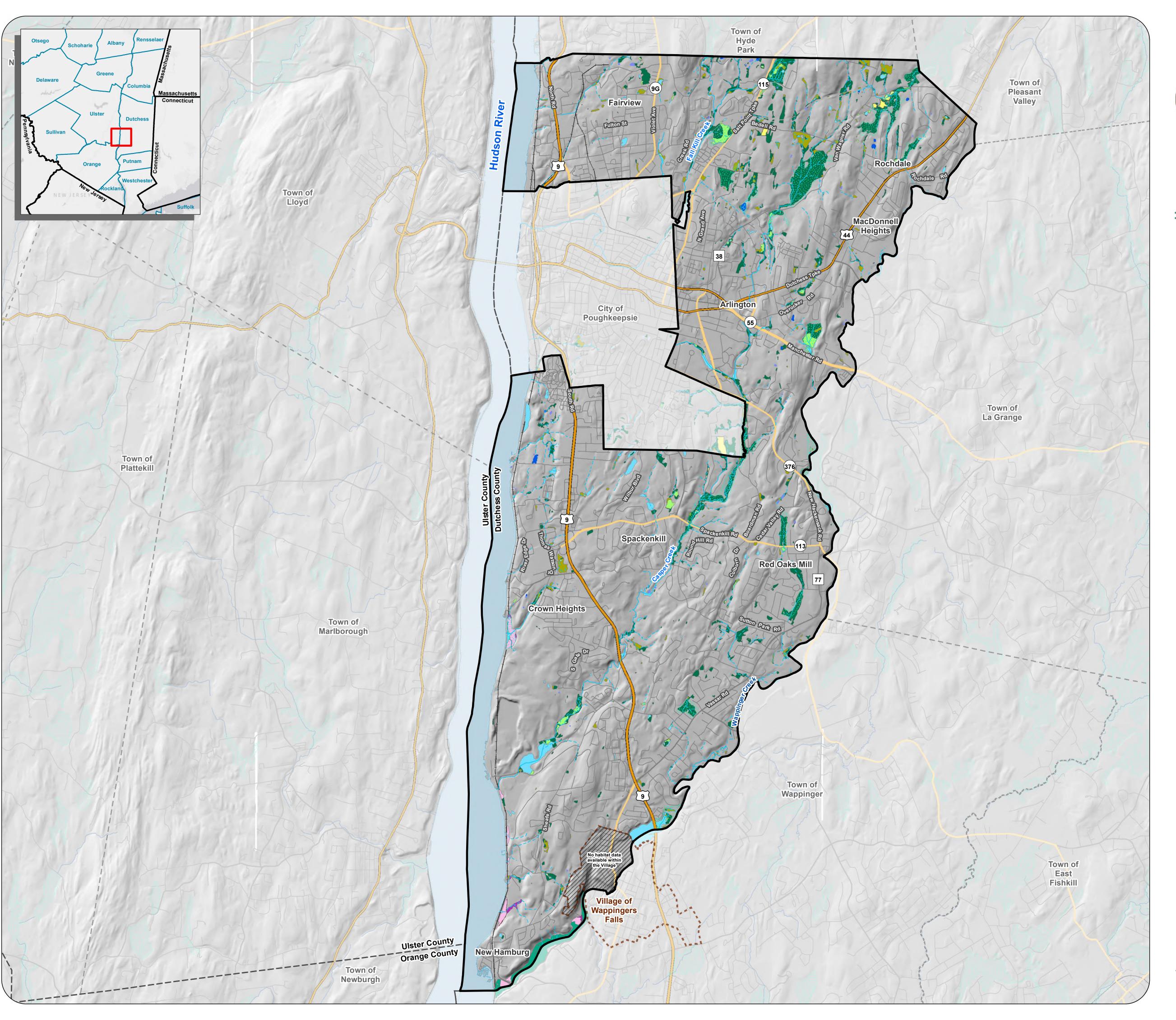


Hudson River

Wetland Habitat





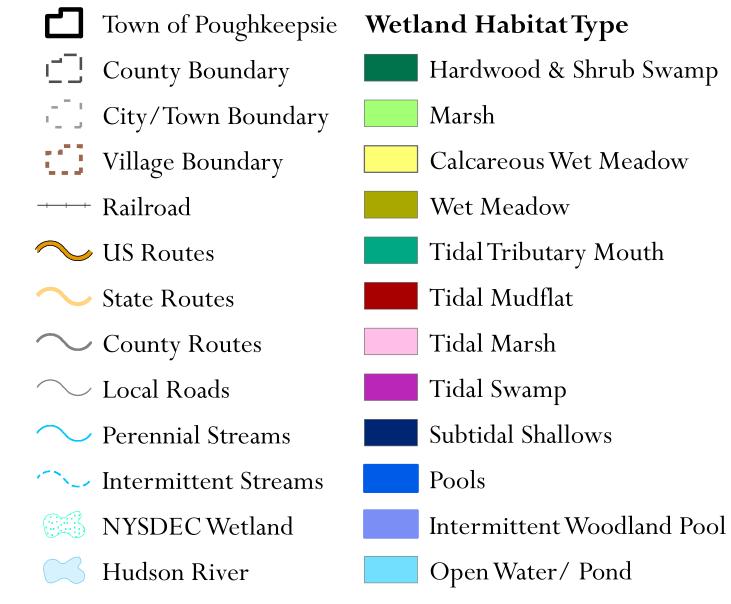




# Wetland Habitats

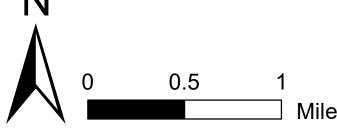
April 2021

### **LEGEND**

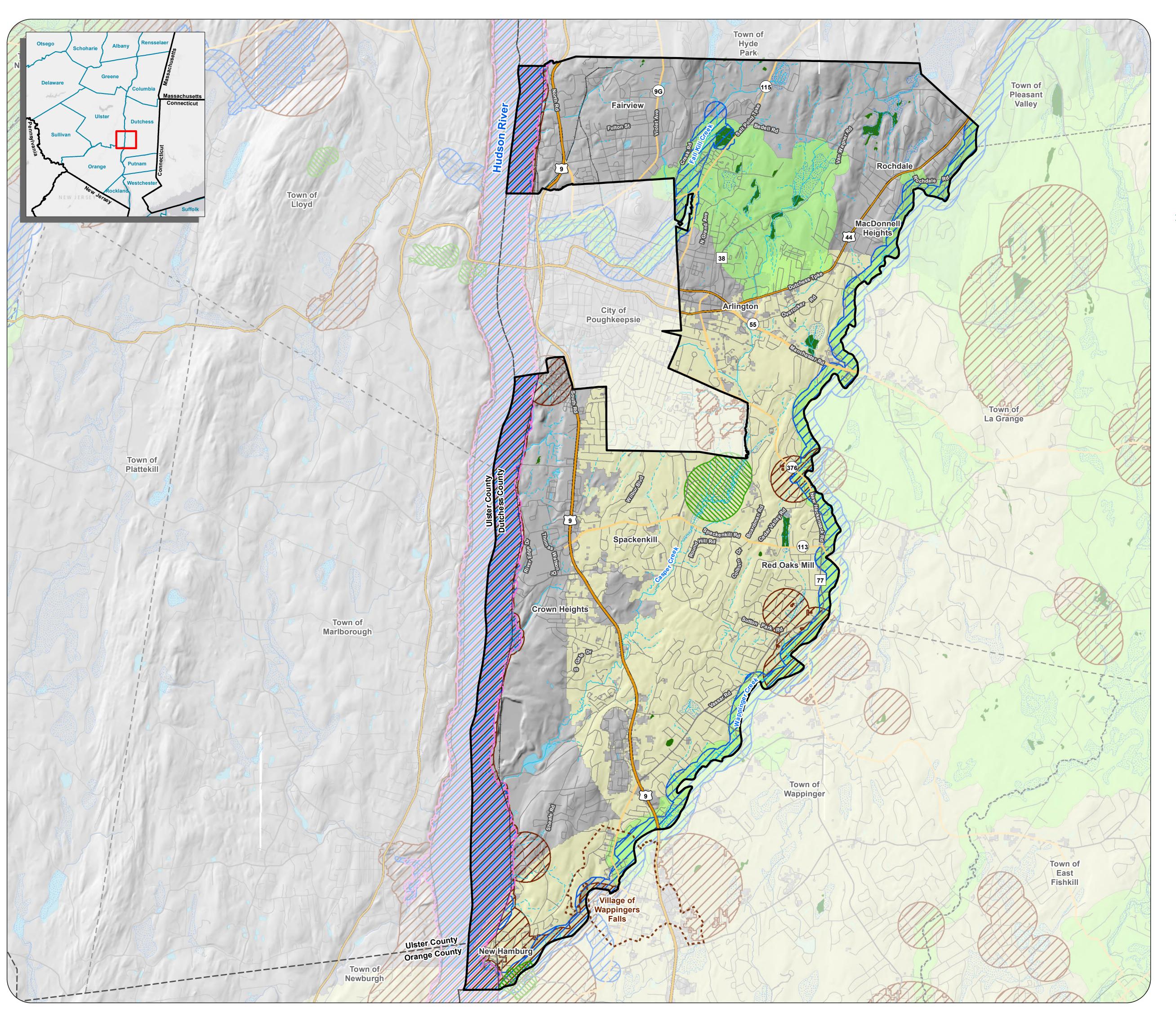


Sources:
Esri, NYS ITS, Dutchess County,
NYSDEC, Town of Poughkeepsie,











# Important Biodiversity Areas

April 2021

# **LEGEND**

Town of Poughkeepsie

County Boundary

City/Town Boundary

Village Boundary

----- Railroad

US Routes

State Routes

County Routes

Cal Roads

Perennial Streams

Intermittent Streams

NYSDEC Wetland

Open Water

Important Areas: Aquatic Animals

Important Areas: Migratory Fish

Important Areas: Terrestrial Animals

Important Areas: Plants

Important Areas: Wetland Animals

Important Areas: Bat Foraging

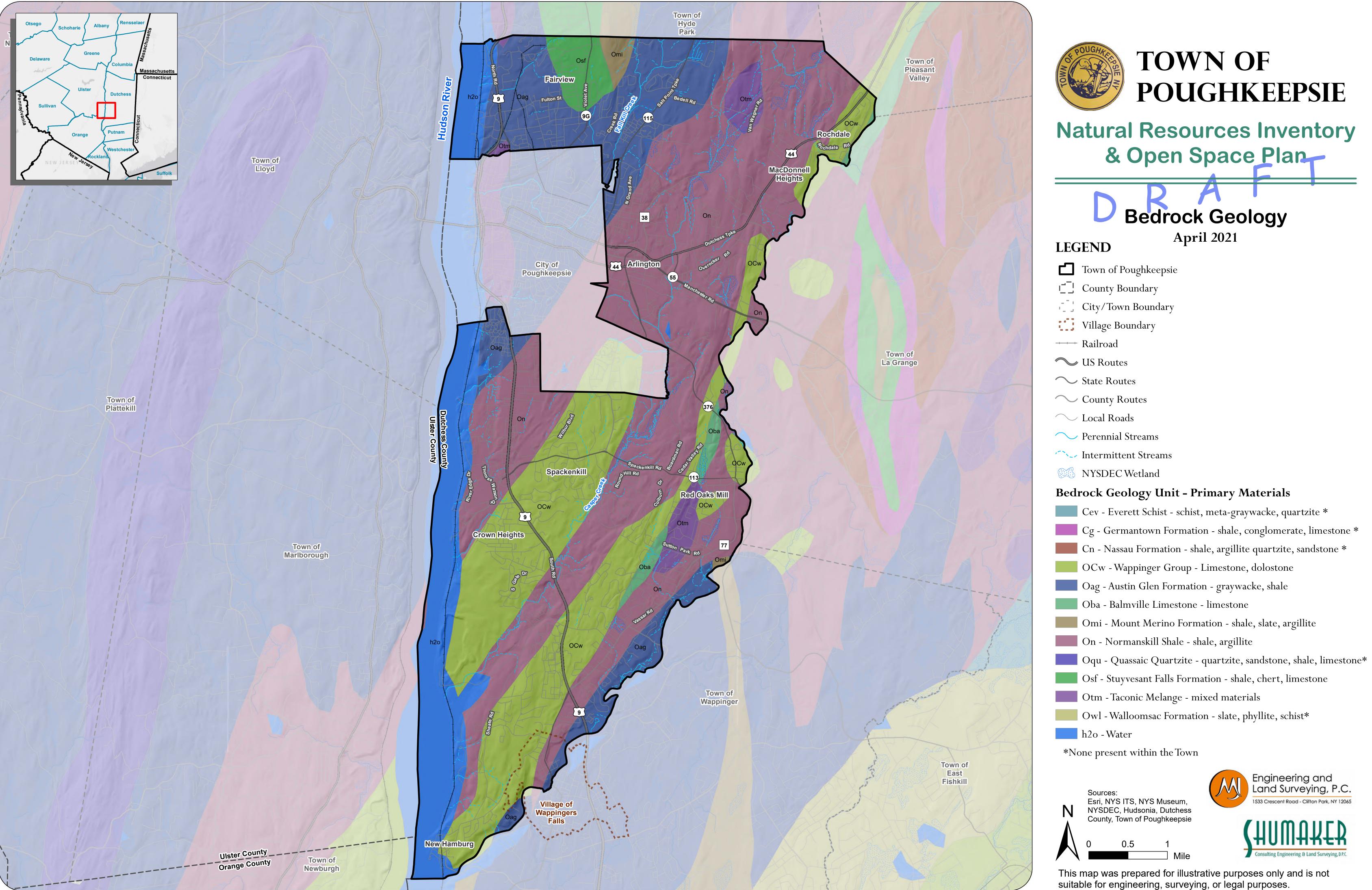
Blanding's Turtle Potential Core Habitat

Esri, NYS ITS, Dutchess County, Town of Poughkeepsie, NYSDEC, NYNHP, Hudsonia









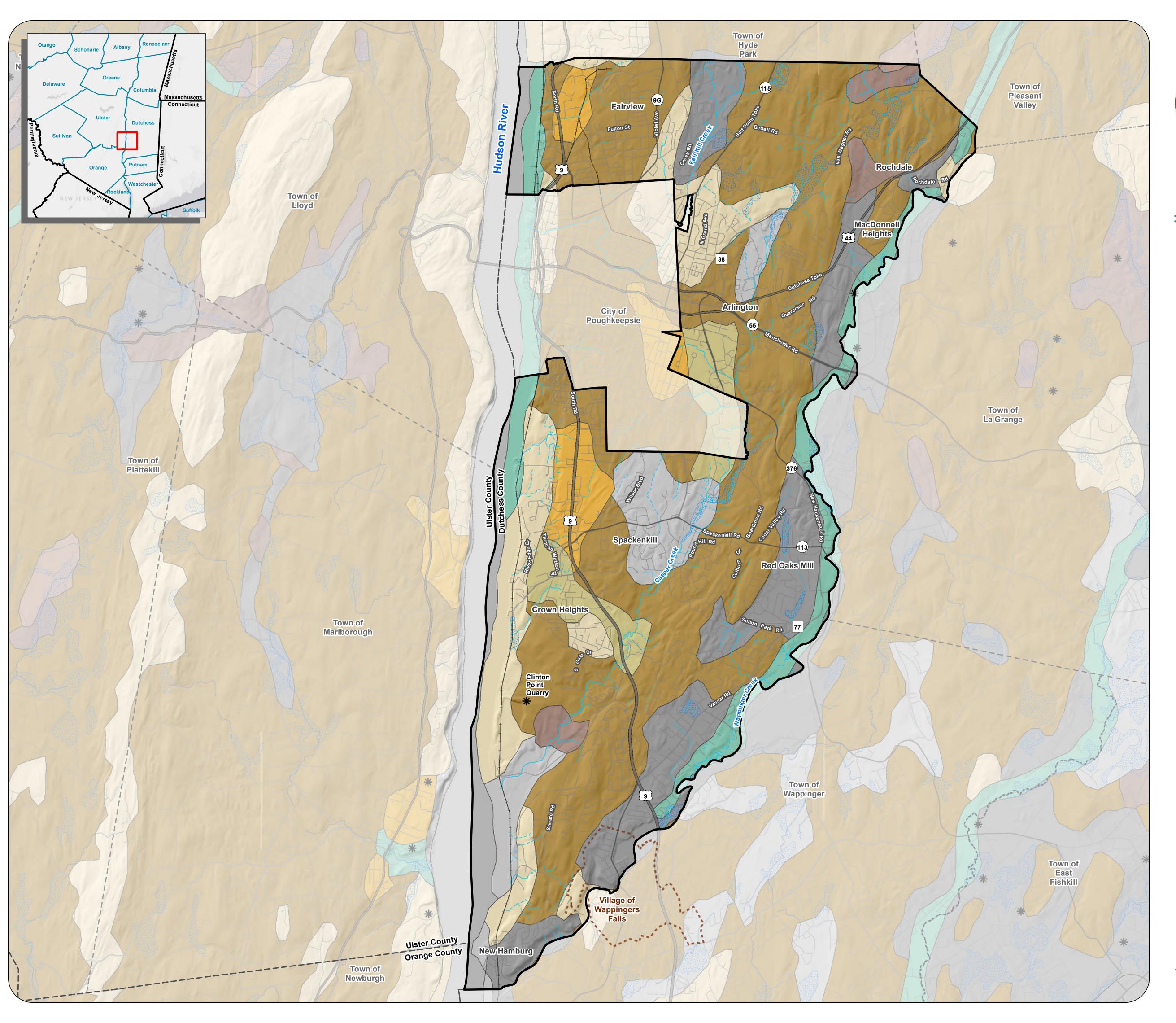








This map was prepared for illustrative purposes only and is not





# Surficial Geology

April 2021

# **LEGEND**

- Town of Poughkeepsie
- County Boundary
- City/Town Boundary
- Village Boundary
- ----- Railroad
- US Routes
- State Routes
- County Routes
- Cocal Roads
- Perennial Streams
- Intermittent Streams
- NYSDEC Wetland
- \* Active or Reclaimed Mine

## **Surficial Geology**

Recent Alluvium

Kame Deposits

Traine Deposites

Lacustrine Delta

Lacustrine Sand

Lacustrine Silt and Clay

Outwash Sand and Gravel

Swamp Deposits

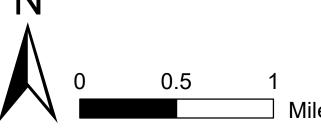
\_\_\_\_\_

Bedrock

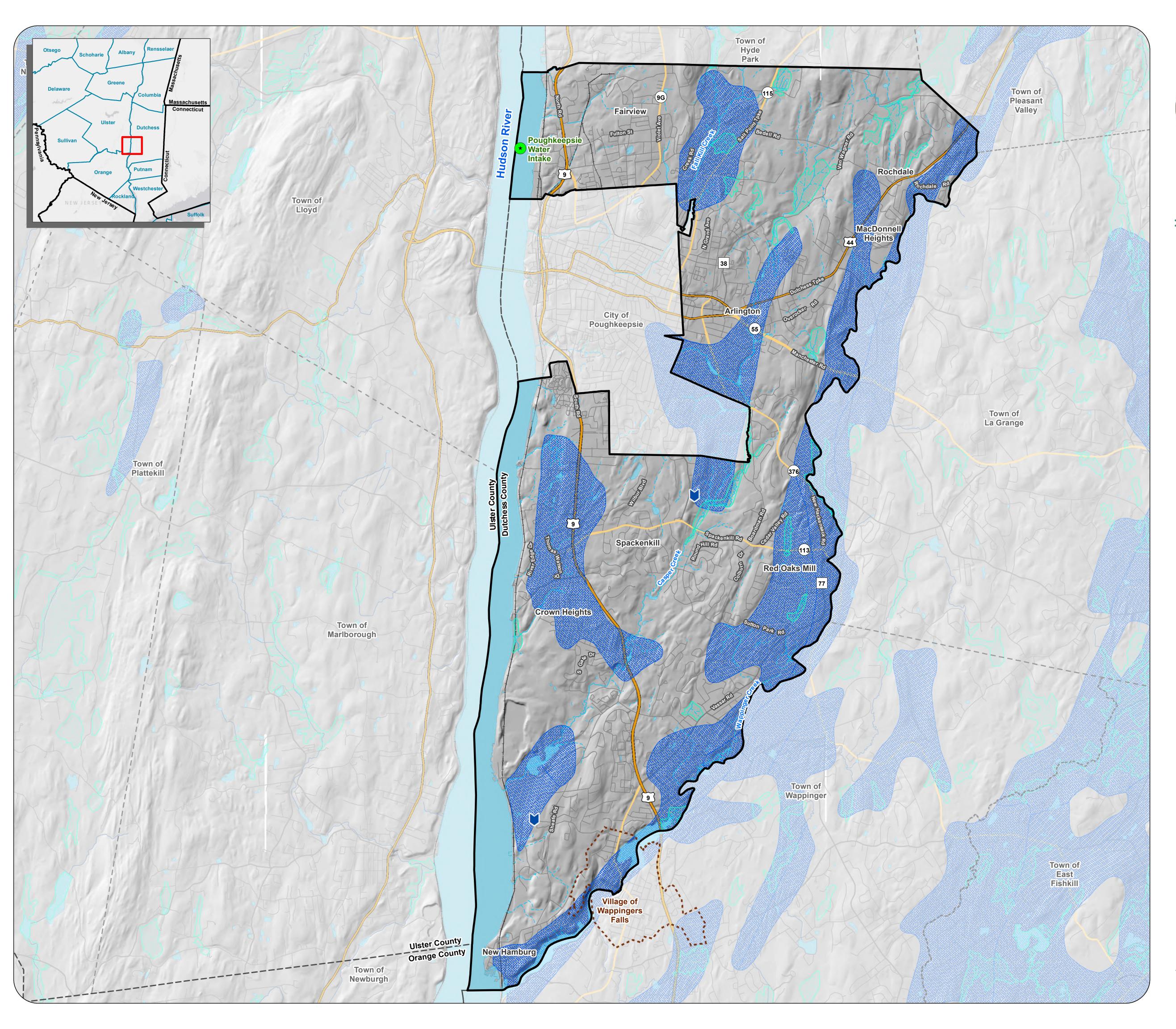
Till

Sources: Esri, NYS ITS, NYS Museum, NYSDEC, Hudsonia, Dutchess County, Town of Poughkeepsie











# Drinking Water Resources April 2021

# **LEGEND**

**T** Town of Poughkeepsie

County Boundary

City/Town Boundary

Village Boundary

----- Railroad

US Routes

State Routes

County Routes

Cocal Roads

Perennial Streams

Intermittent Streams

NYSDEC Wetland

-

Open Water

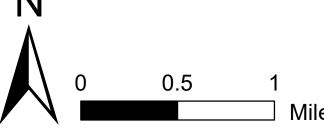
★ Poughkeepsie Water Intake

NYSDEC Drinking Water Wells

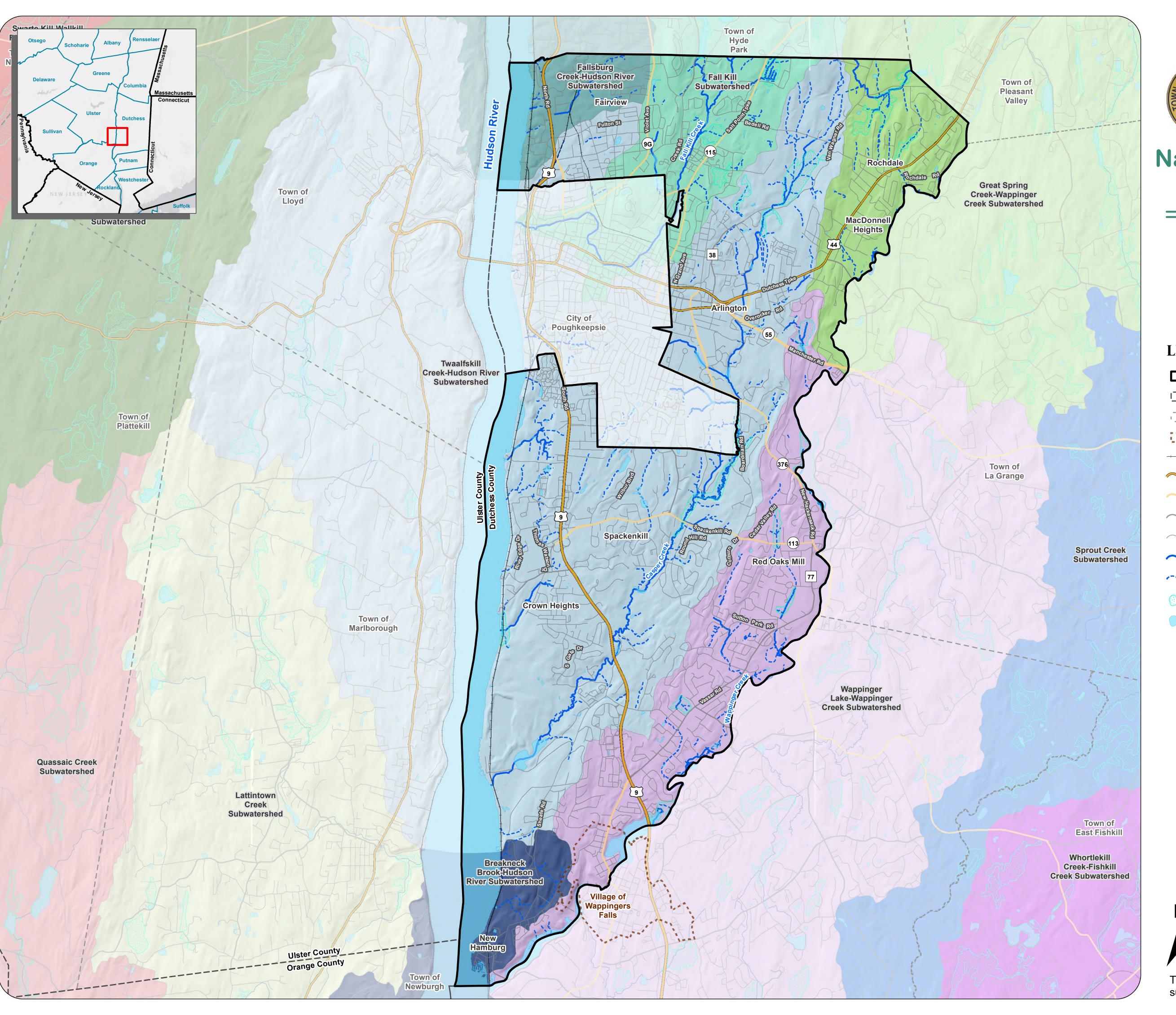
Unconsolidated Aquifers

Sources: Esri, NYS ITS, Dutchess County, Hudsonia, Town of Poughkeepsie, NYSDEC









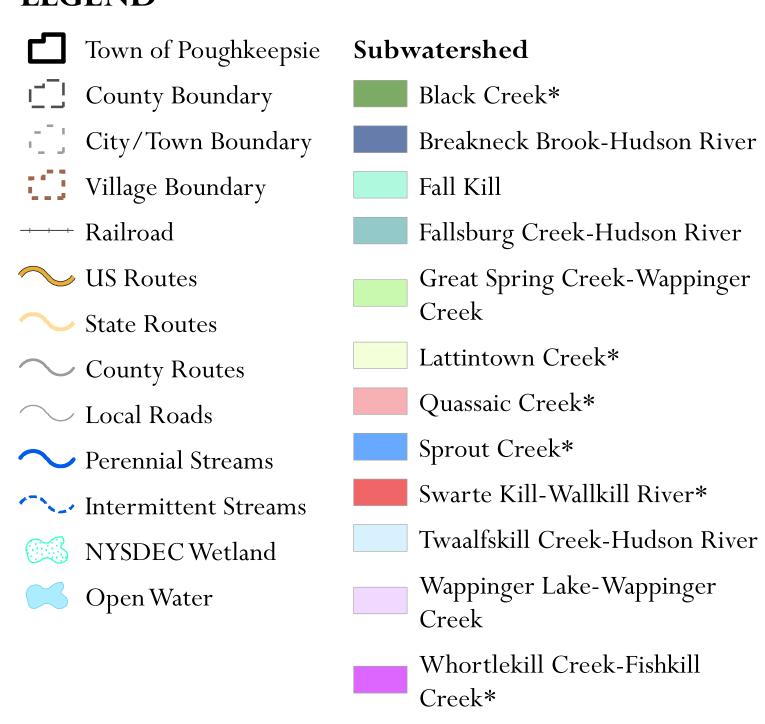




# Watersheds

April 2021

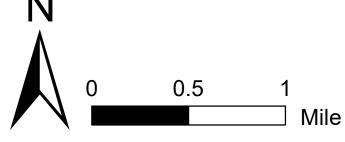
### **LEGEND**



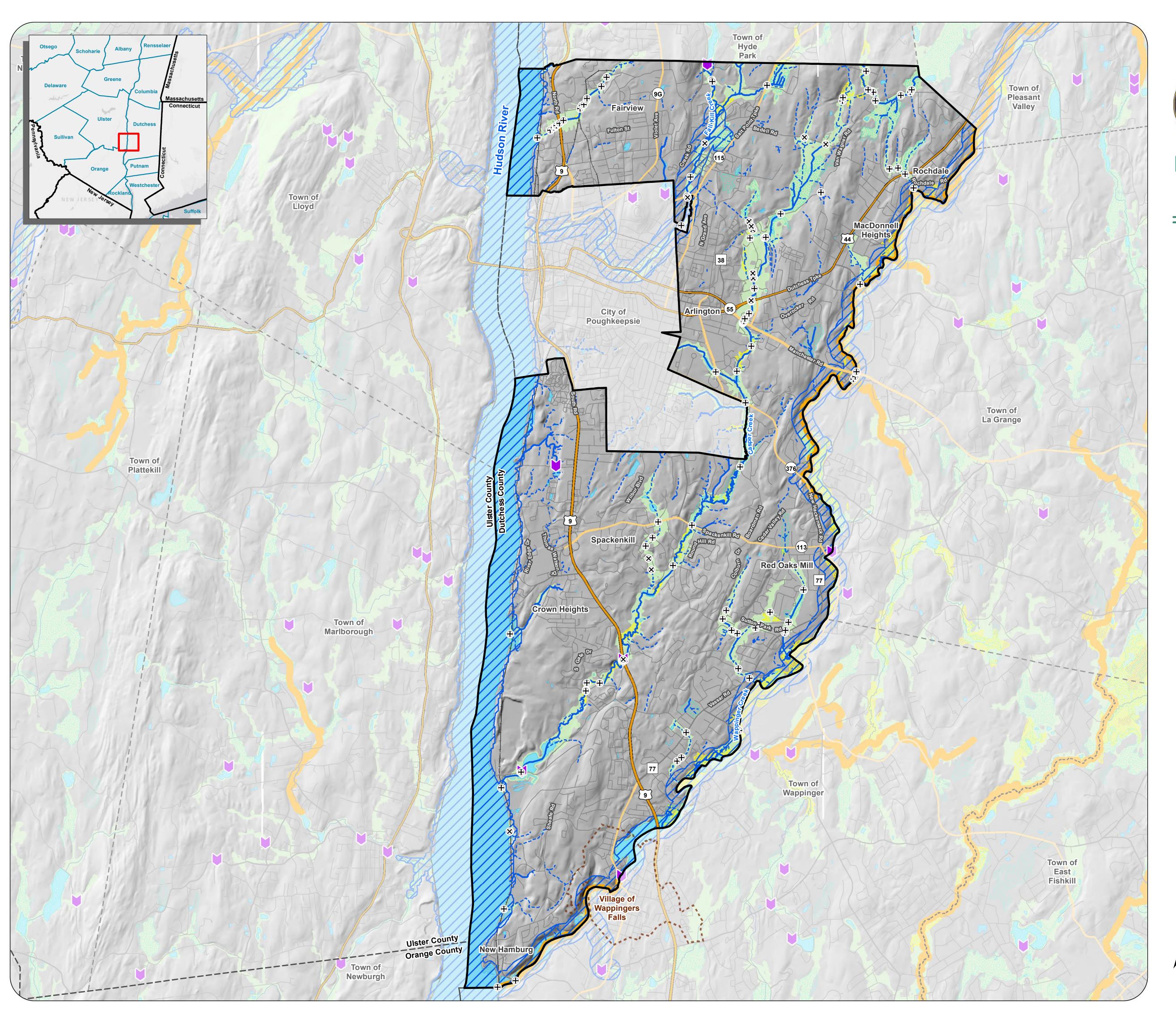
\*Not present within the Town

Sources:
Esri, NYS ITS, Dutchess County,
Town of Poughkeepsie, NYSDEC,
NYNHP, Hudsonia USDA















Town of Poughkeepsie

County Boundary

City/Town Boundary

Village Boundary

---- Railroad

US Routes

State Routes

County Routes

Cocal Roads

Perennial Streams

Intermittent Streams

NYSDEC Wetland

Open Water

Dams

## Culverts

Passable

Not Passable

Trout Stream

**7** 

Important Area for Migratory Fish

Floodplain Forests (Dutchess County)

Riparian Buffer (NYNHP)

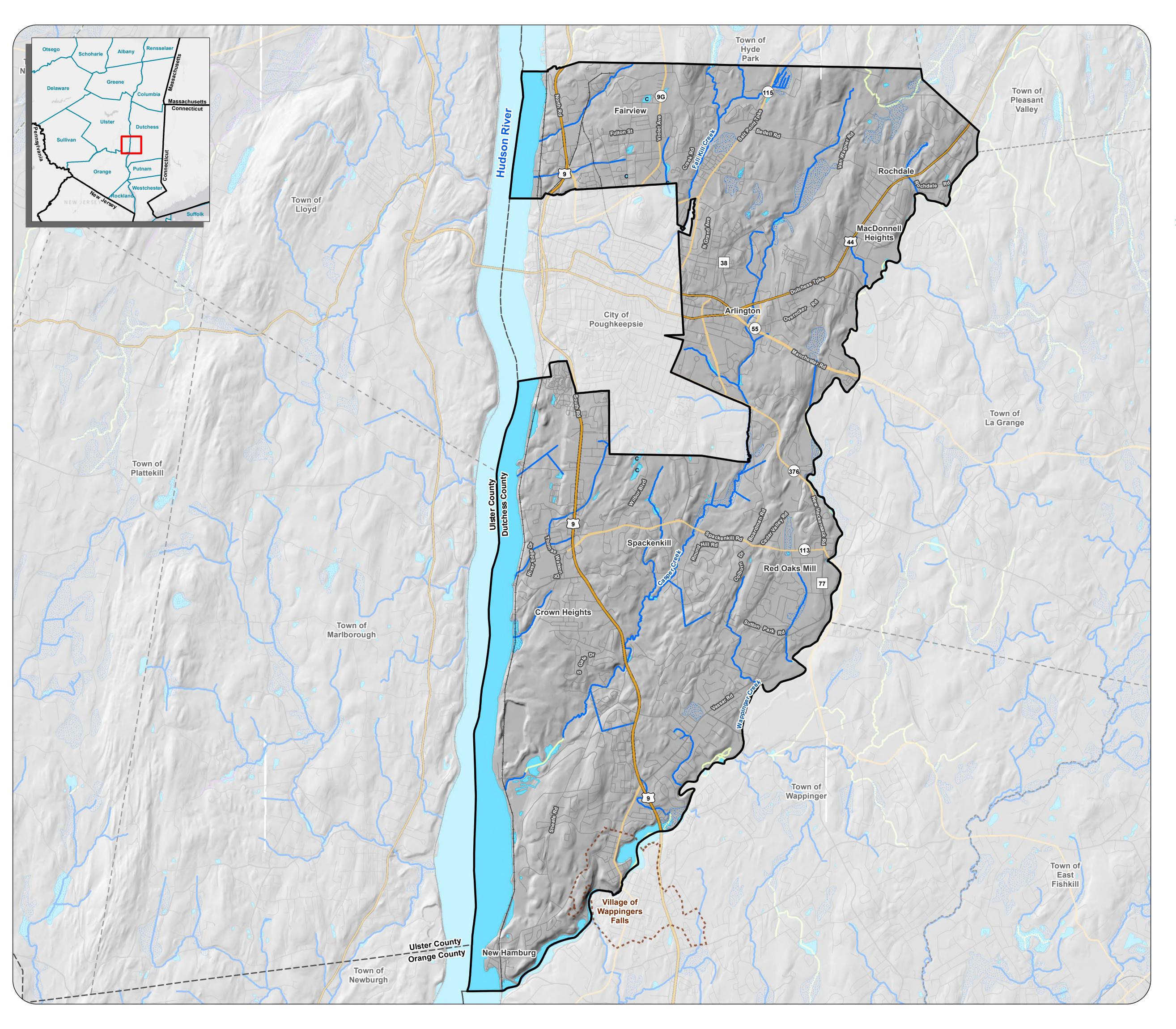
Sources:
Esri, NYS ITS, Dutchess County,
Town of Poughkeepsie, NYSDEC,
NYNHP, Hudsonia, Hawthorne
Valley Farmscape Ecology
Program





0 0.5 1







# Water Quality Classifications

**April 2021** 

### **LEGEND**

Town of Poughkeepsie

County Boundary

City/Town Boundary

Village Boundary

----- Railroad

US Routes

State Routes

County Routes

Cal Roads

Class B Streams

Class C Streams

Other Stream Classes\*

NYSDEC Wetland

Open Water\*\*

\*None present within the Town

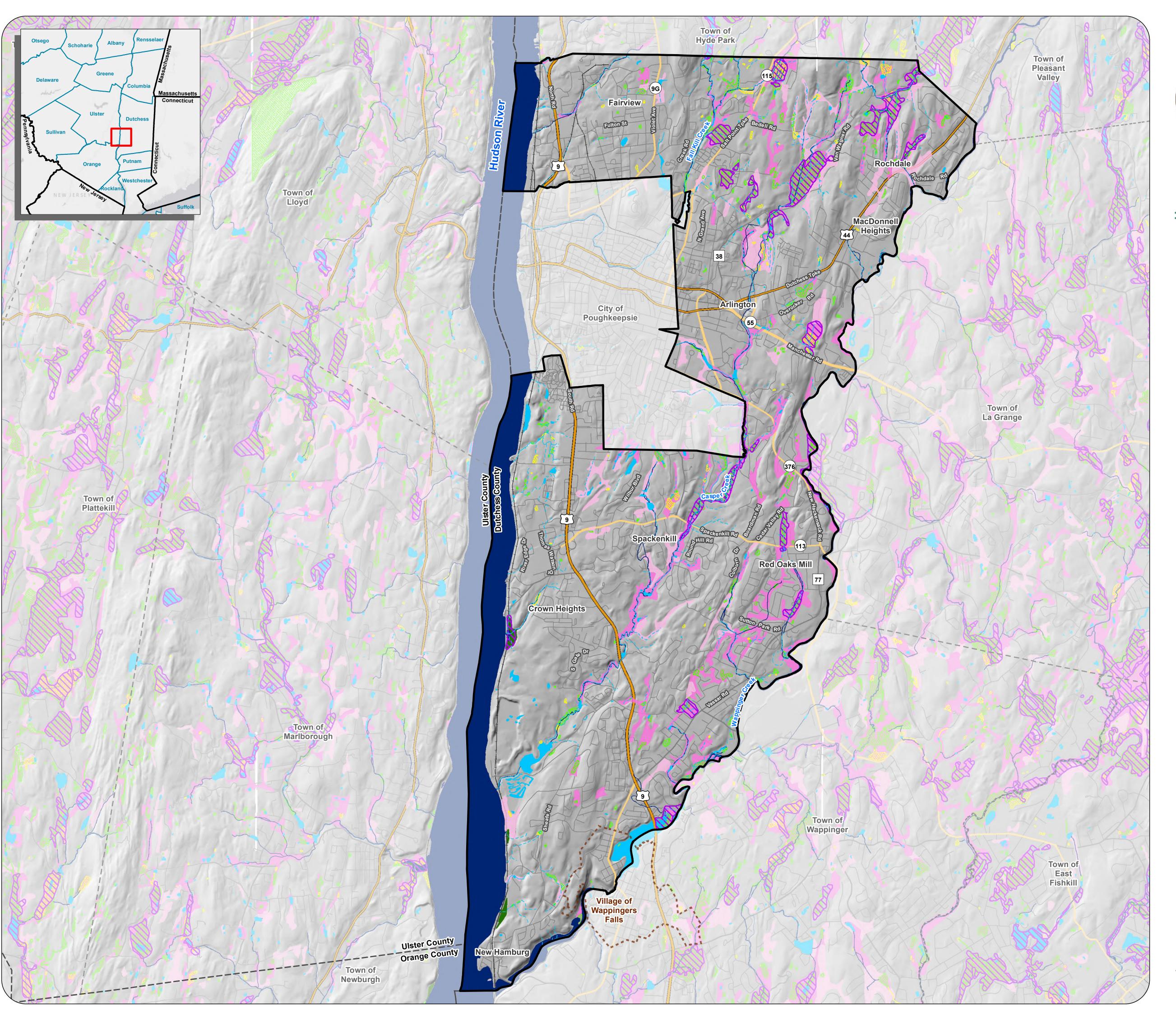
\*\*Open water inside the Town with a classification class provided by the NYSDEC has been labeled on the map.

Sources: Esri, NYS ITS, Dutchess County, Town of Poughkeepsie, NYSDEC, NYNHP, USDA













# Wetlands

April 2021

# **LEGEND**

- **T** Town of Poughkeepsie
- County Boundary
- City/Town Boundary
- Village Boundary
- ----- Railroad
- US Routes
- State Routes
- County Routes
- Cal Roads
- Perennial Streams
- Intermittent Streams
- NYSDEC Wetland
- Possible Wetland
- Probable Wetland

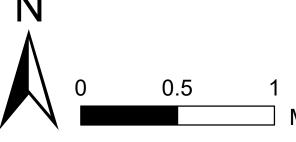
# Federal Wetland Type

#### ederar vectarid type

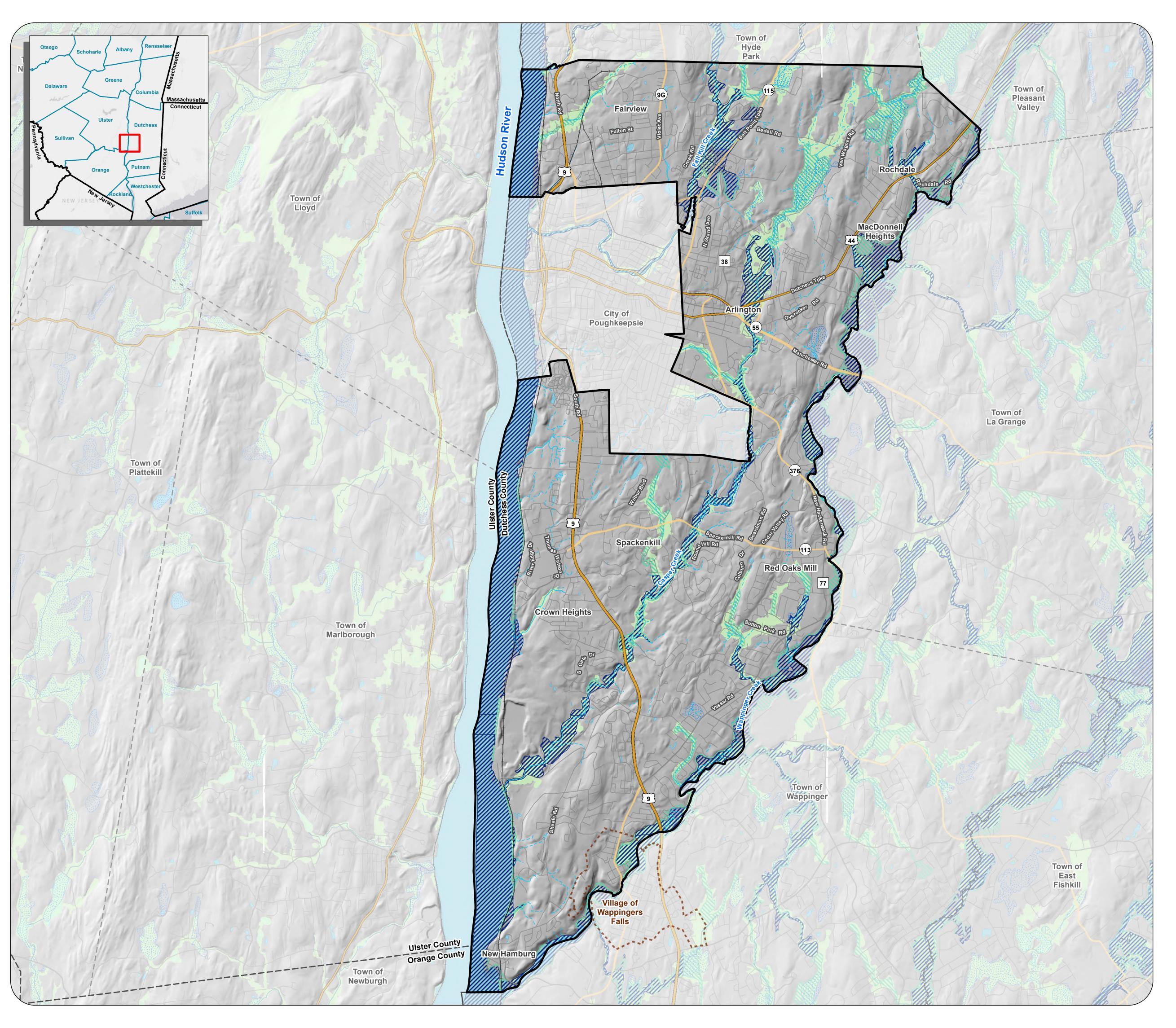
- Estuarine and Marine Wetland
  - Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond/Lake
- River/Estuary

Sources: Esri, NYS ITS, Dutchess County, Town of Poughkeepsie, NYSDEC, NYNHP, Hudsonia











# Flood Hazard Areas April 2021

# **LEGEND**

Town of Poughkeepsie

County Boundary

City/Town Boundary Village Boundary

---- Railroad

US Routes

State Routes

County Routes

Cocal Roads

Perennial Streams

Intermittent Streams

NYSDEC Wetland

Open Water

#### **FEMA Flood Hazard Areas**

1% (100-Year) Flood Zone

0.2% (500-Year) Flood Zone

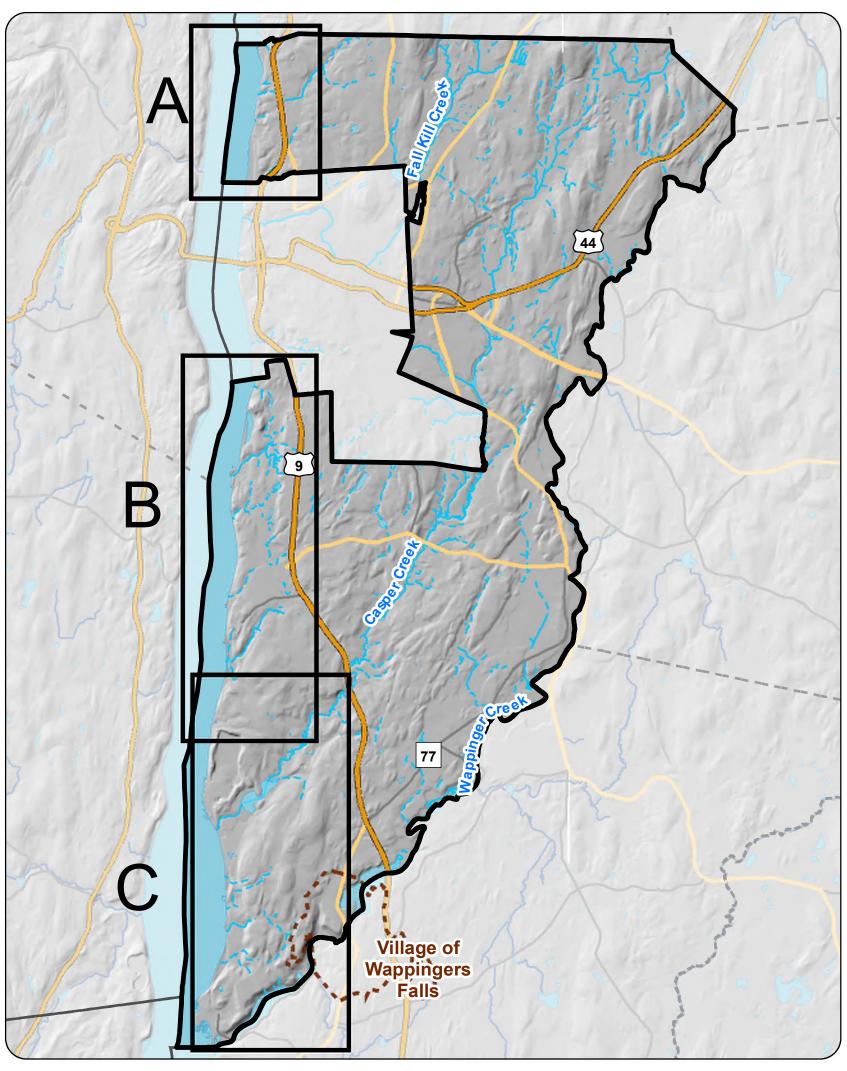
Riparian Buffer (NYNHP)

Esri, NYS ITS, FEMA, Dutchess County, NYNHP, Hudsonia, NYSDEC,Town of Poughkeepsie







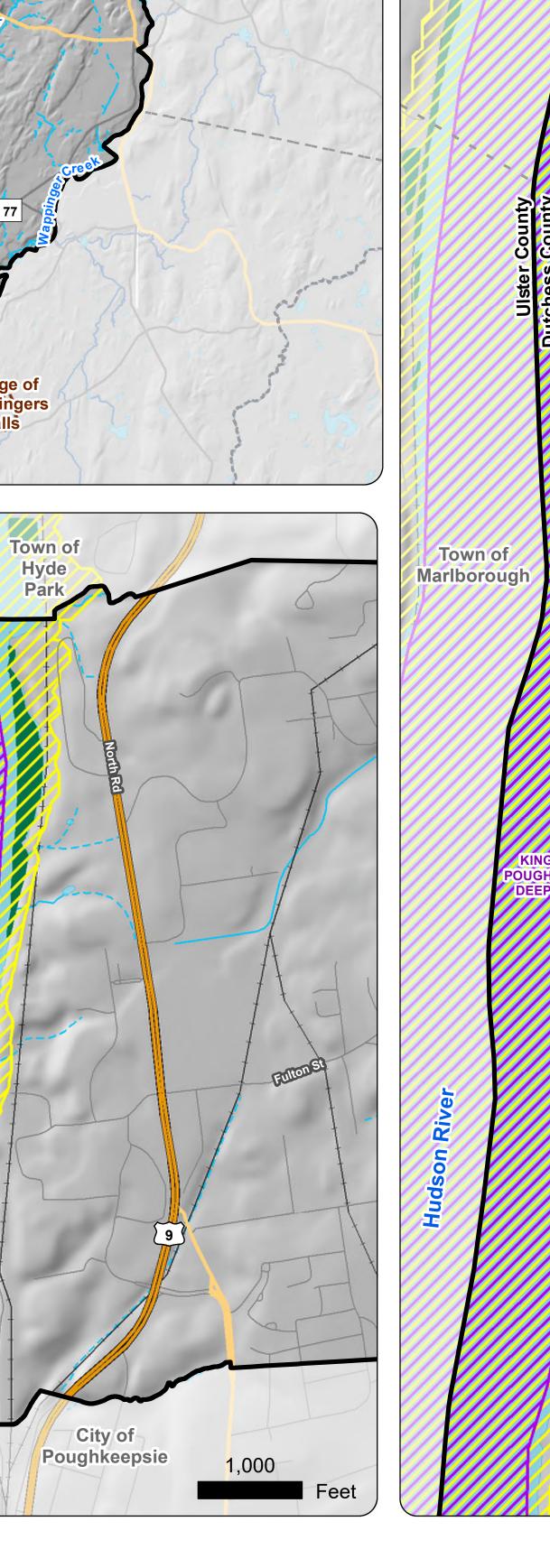


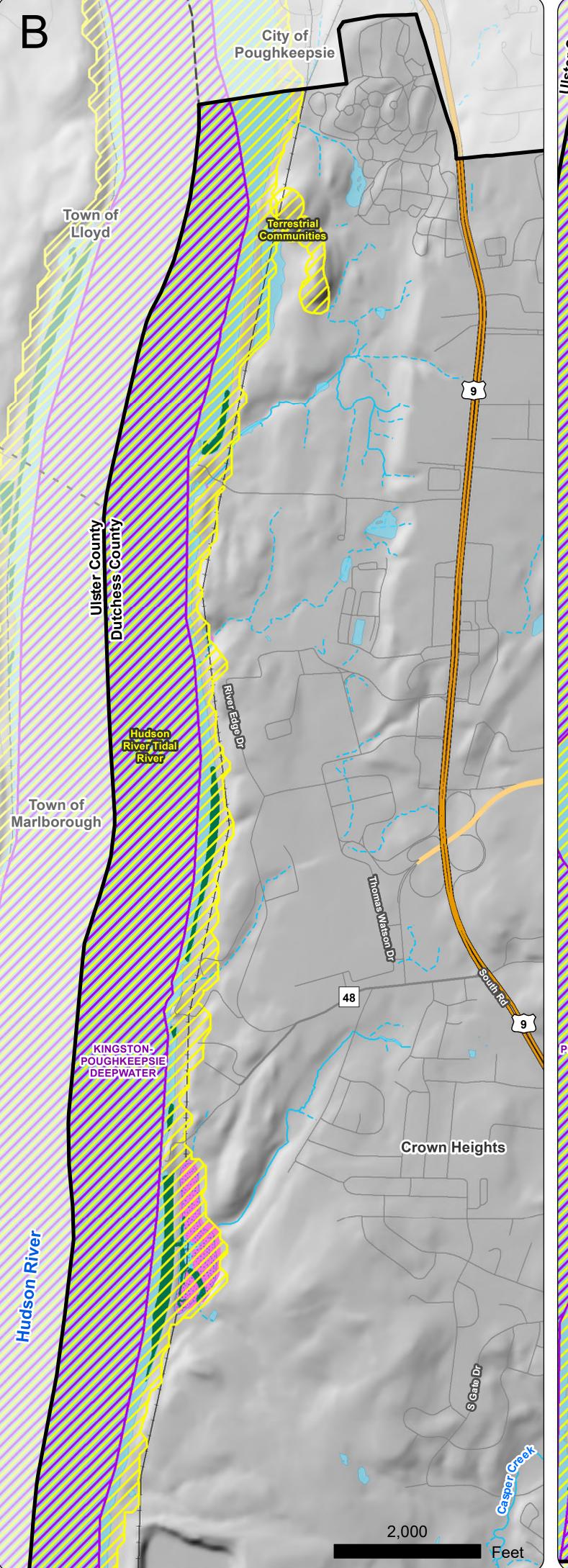
A

Town of

Lloyd

KINGSTON-POUGHKEEPSIE DEEPWATER









Natural Resources Inventory & Open Space Plan

# Coastal Habitats April 2021

# **LEGEND**

**T**own of Poughkeepsie

County Boundary

City/Town Boundary
Village Boundary

---- Railroad

US Routes

State Routes

Cocal Roads

Perennial Streams

Intermittent Streams

NYSDEC Wetland

Open Water

open water

Significant Coastal Fish and Wildlife Habitat

Significant Natural Communities

Submerged Aquatic Vegetation

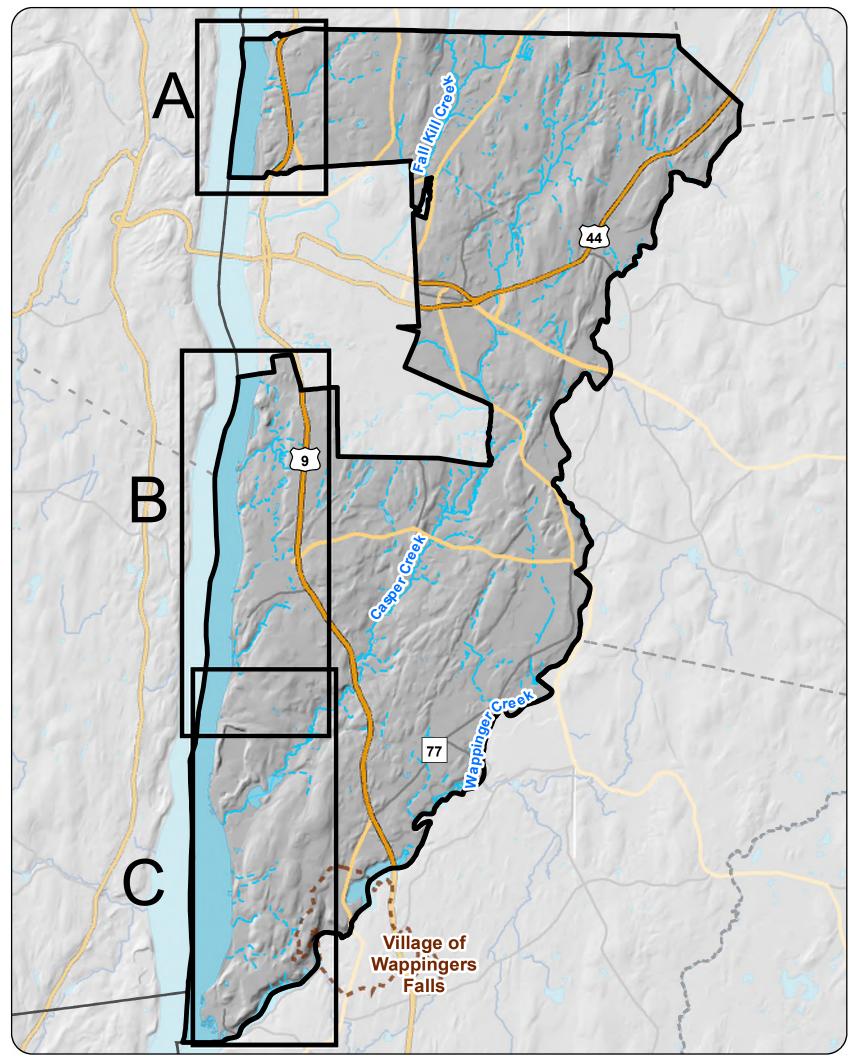
Tidal Wetlands (Hudsonia)

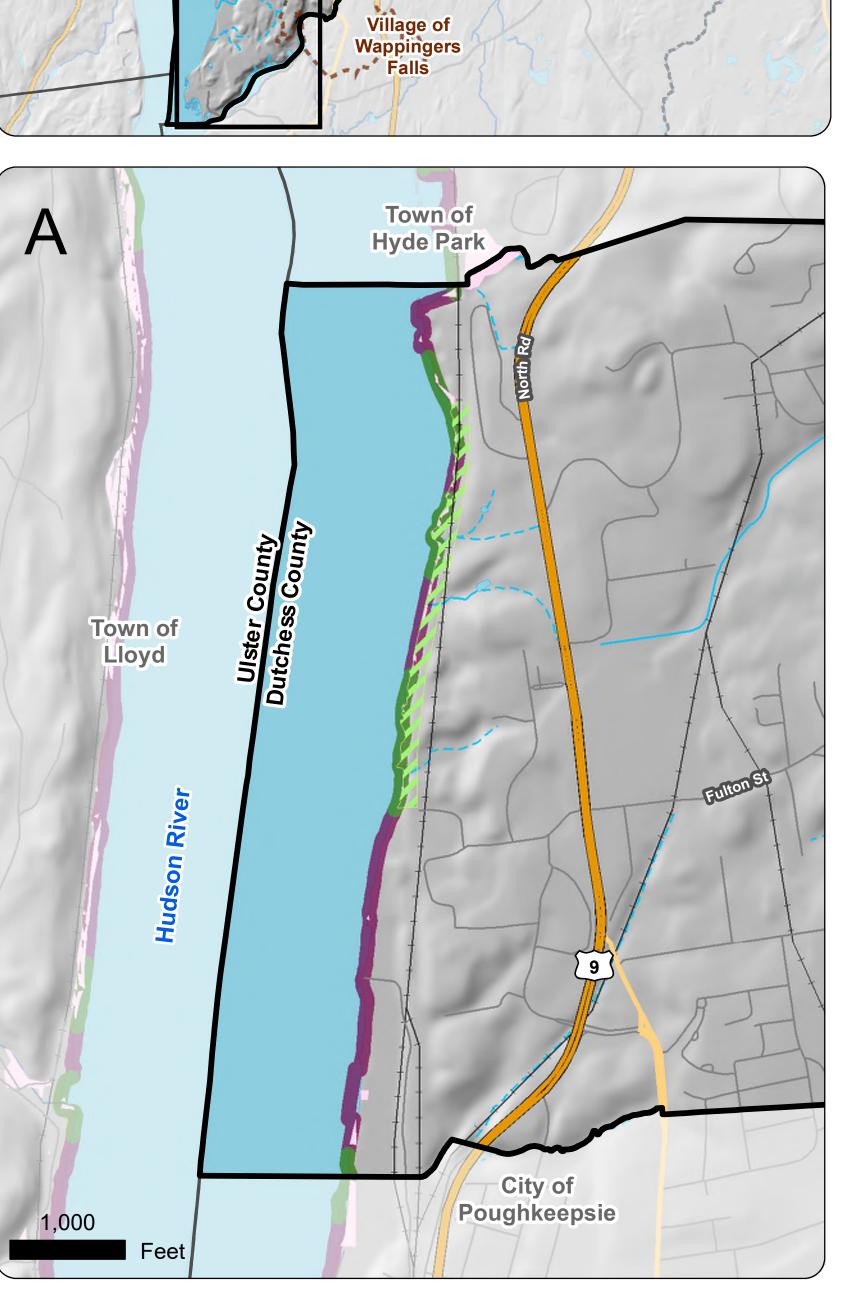
Sources:
Esri, NYS ITS, Dutchess County,
Town of Poughkeepsie, NYSDEC,

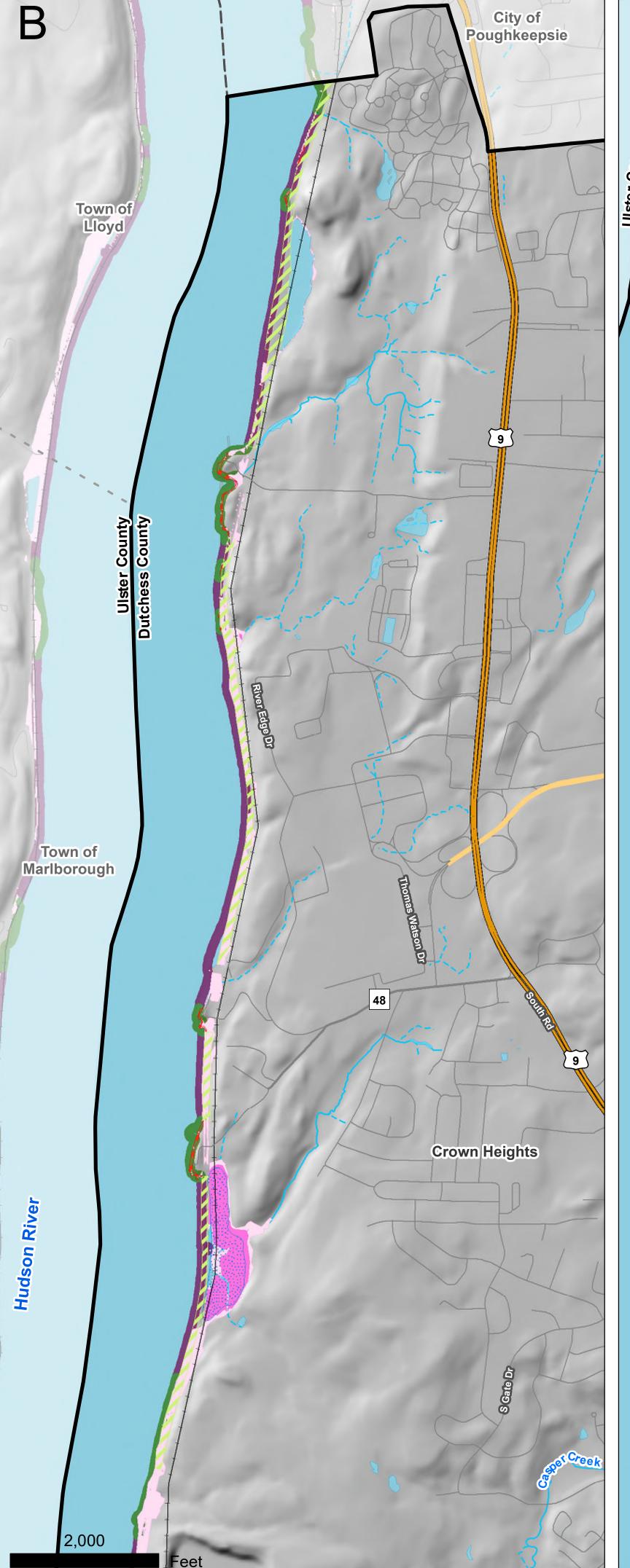


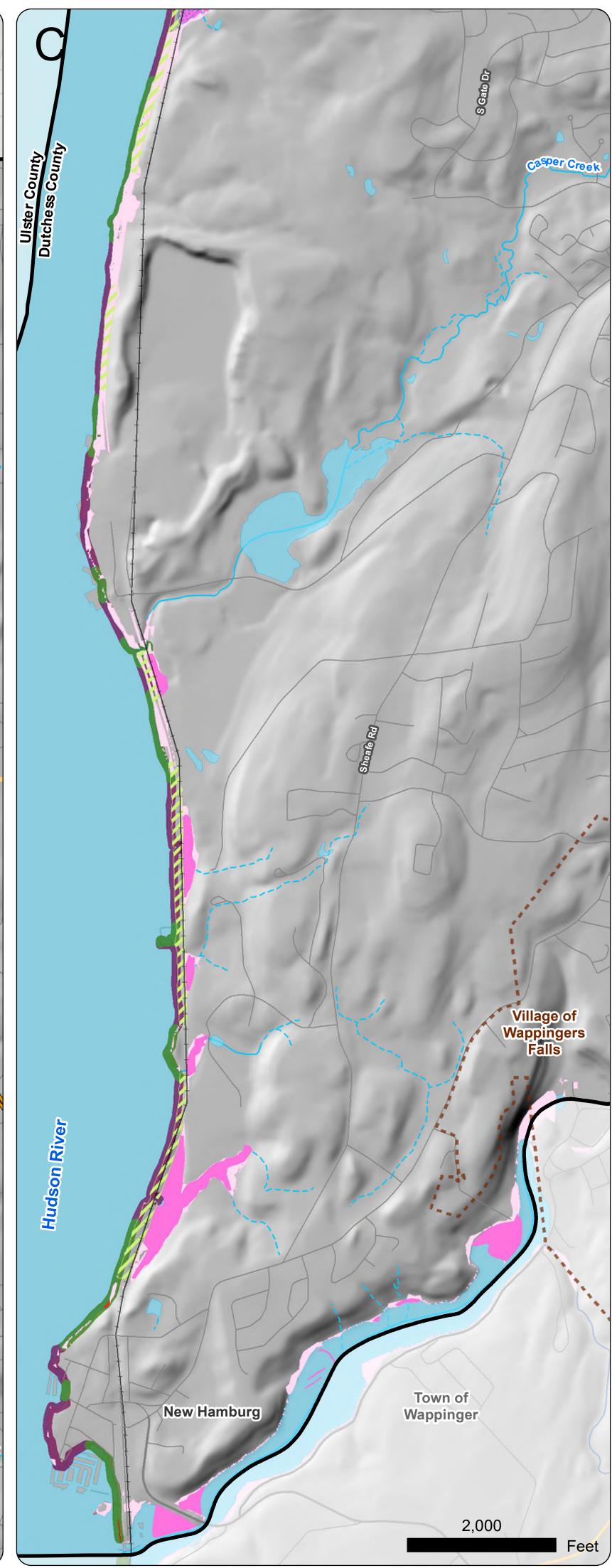














# Hudson River Shoreline April 2021

### **LEGEND**

Town of Poughkeepsie

County Boundary

City/Town Boundary

Village Boundary

----- Railroad

US Routes

State Routes

∼ Local Roads

Perennial Streams

Intermittent Streams

NYSDEC Wetland

Open Water

Tidal Wetlands (Hudsonia)

Tidal Wetland Pathways

#### **Hudson River Shoreline Type**

Hard Engineered

Natural Shoreline

Estuarine Rocky Shore

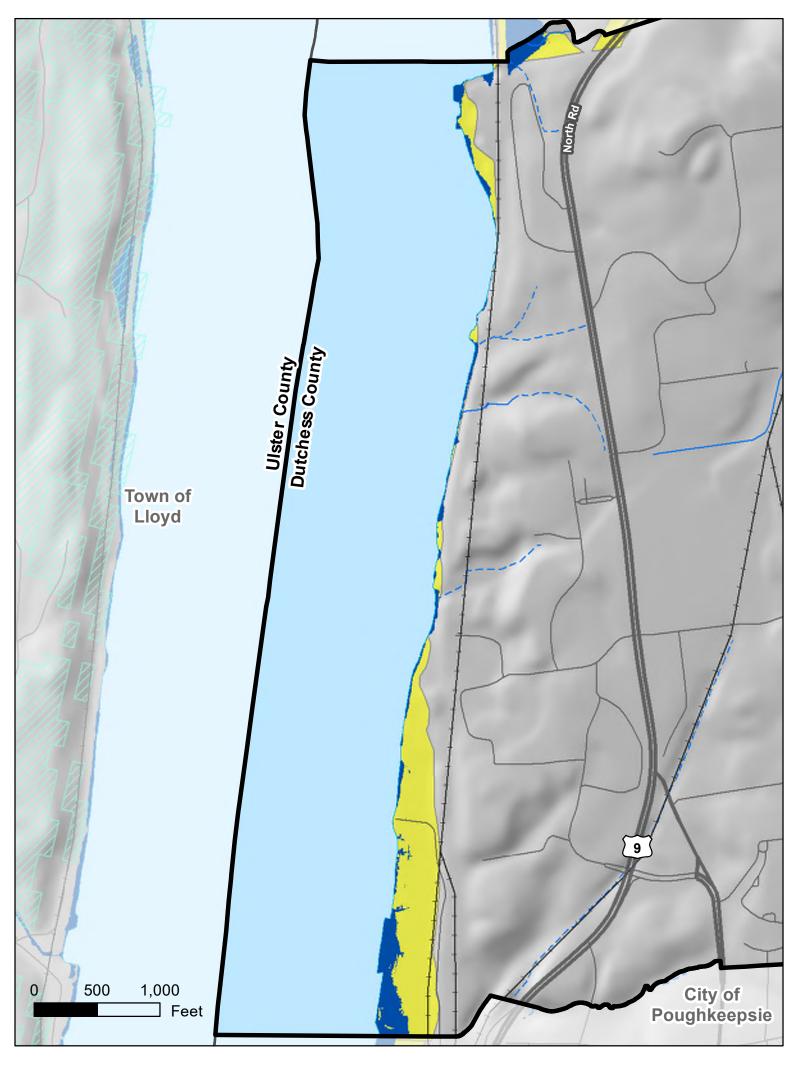
Supratidal Railroad Causeway

**Relevant Hudsonia Habitats** 

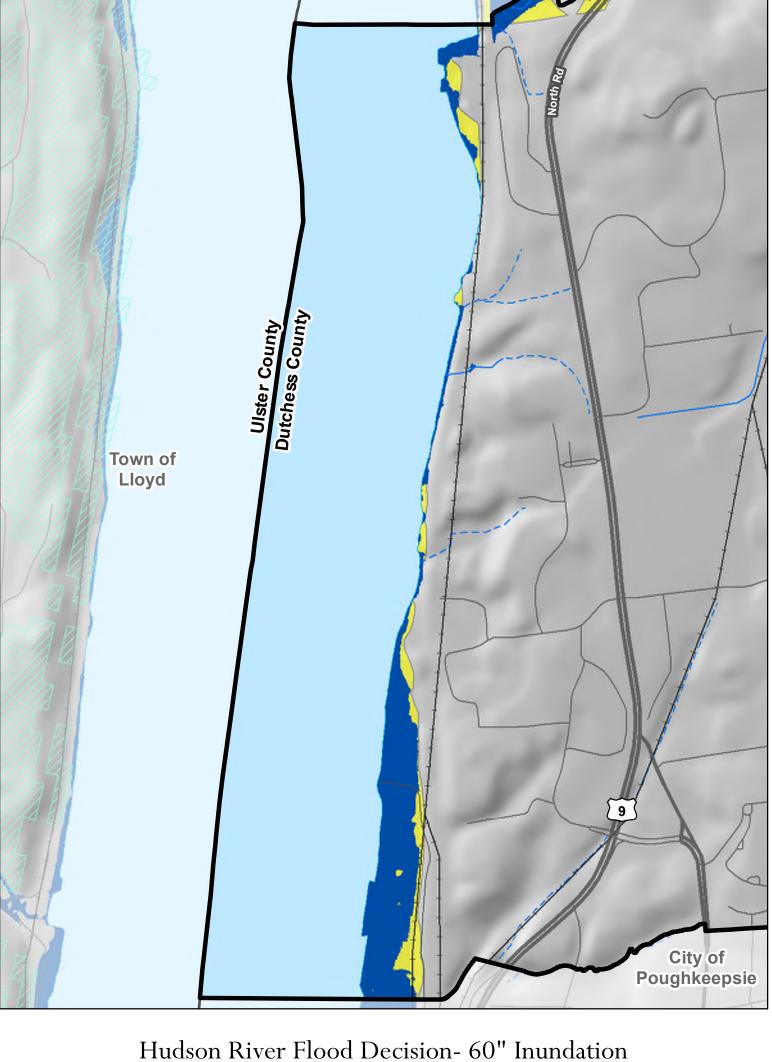
Esri, NYS ITS, Dutchess County, Town of Poughkeepsie, NYSDEC, Hudson River Estuary Program, Scenic Hudson, Hudsonia



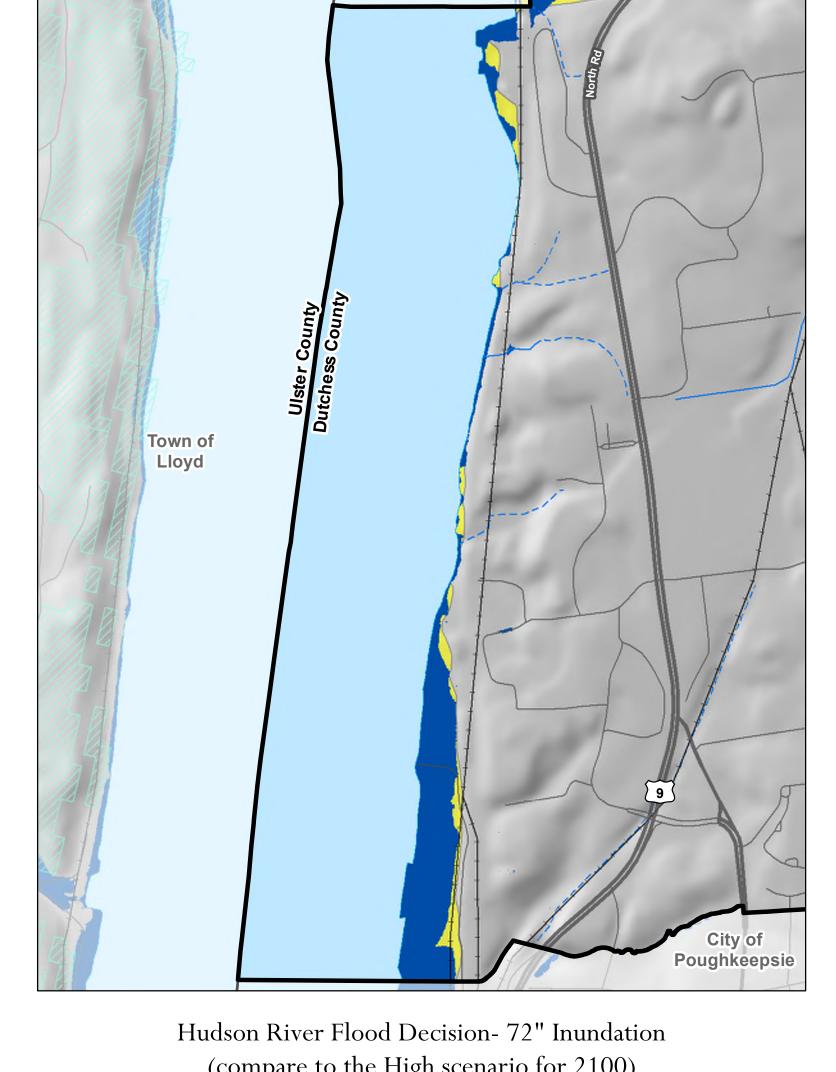




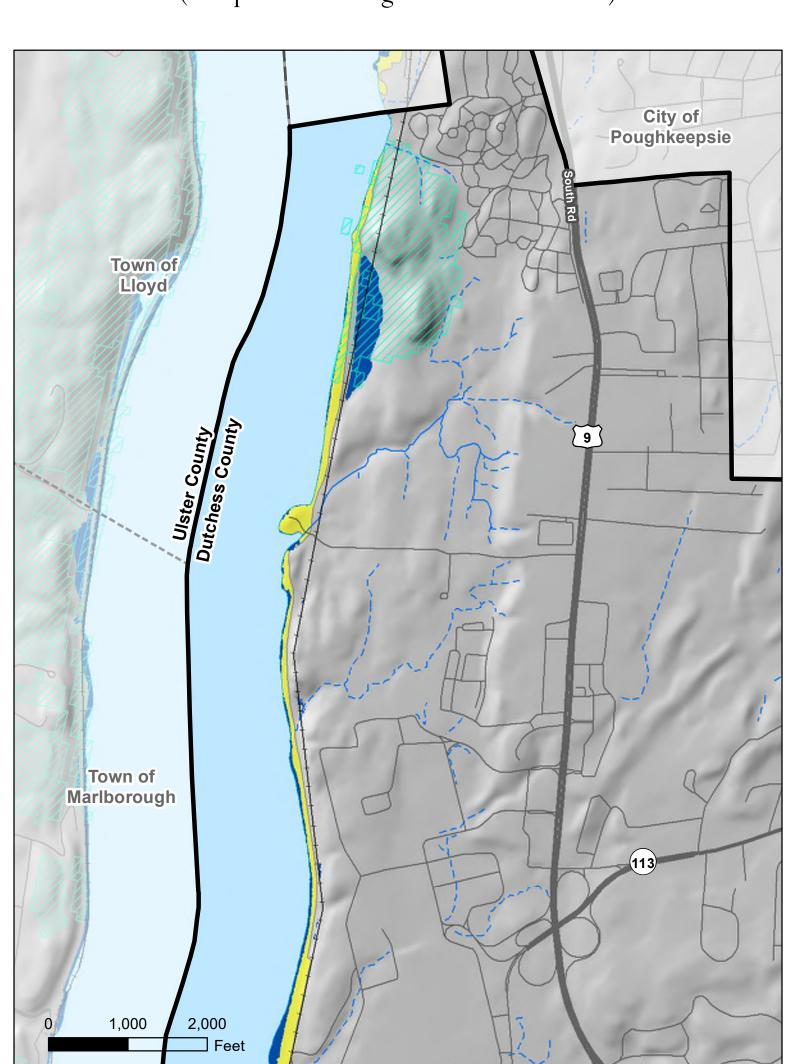
Hudson River Flood Decision- 30" Inundation (compare to the High scenario for 2050s)

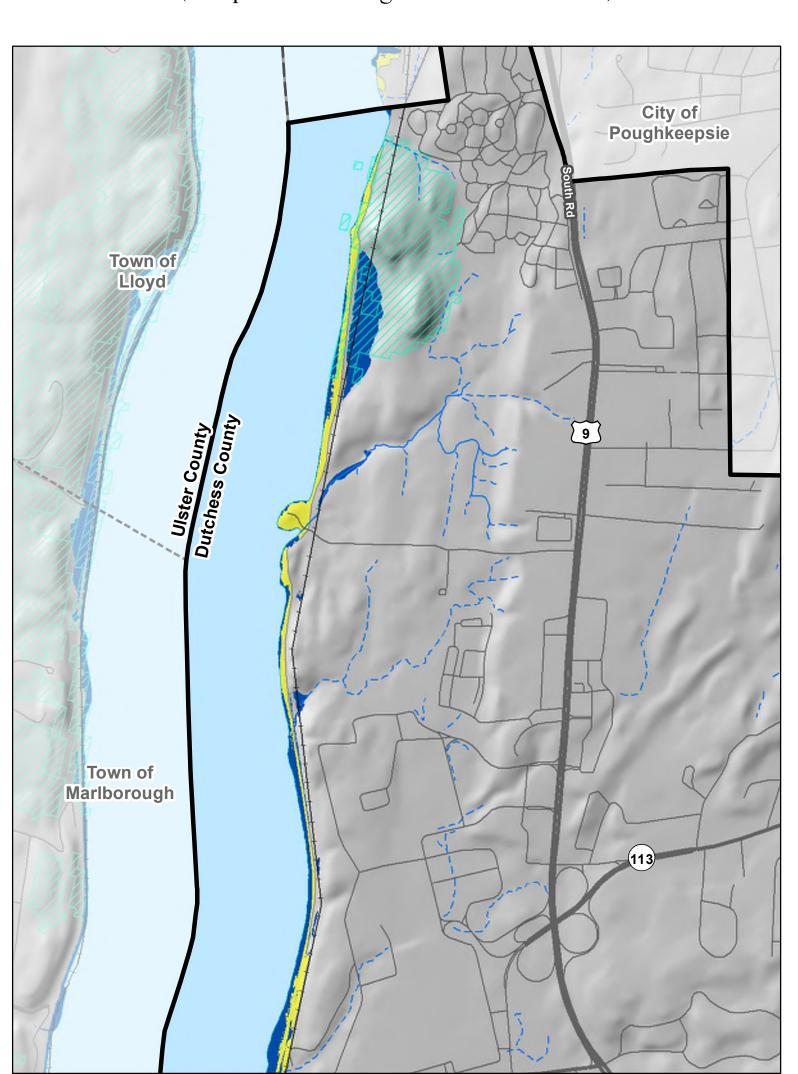


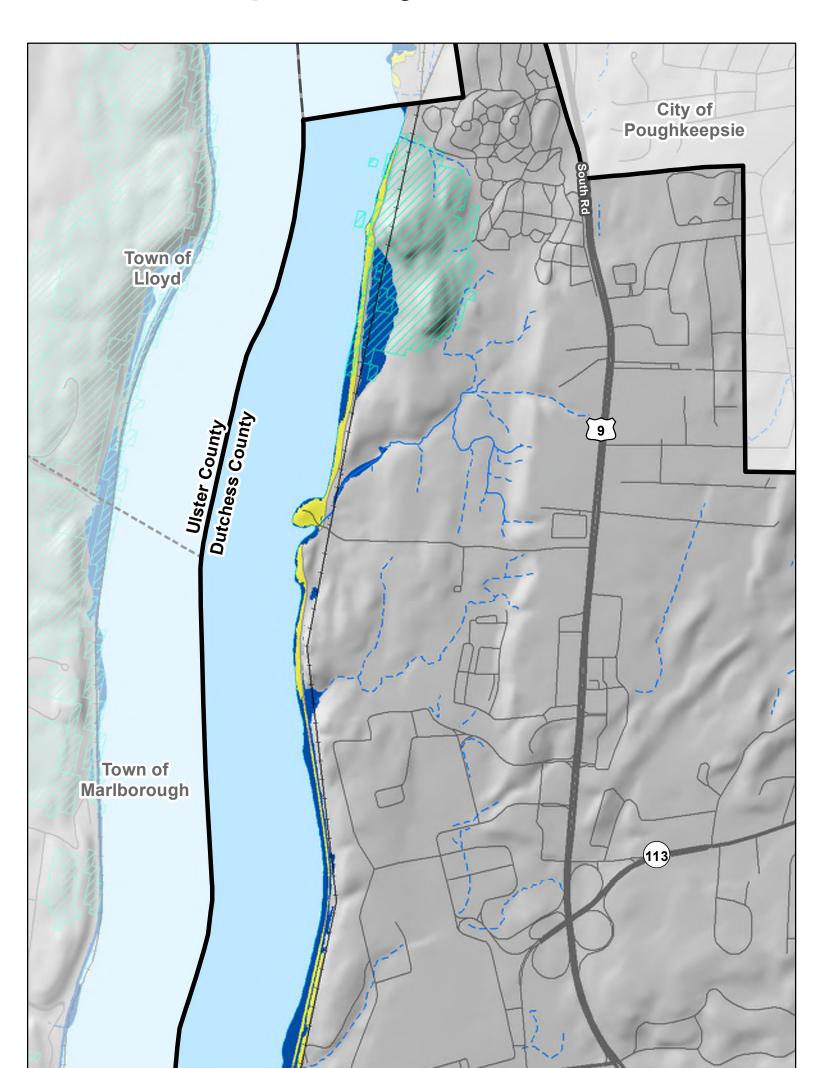
(compare to the High scenario for 2080s)



(compare to the High scenario for 2100)









# TOWN OF **POUGHKEEPSIE**

**Natural Resources Inventory** & Open Space Plan

# Sea Level Rise Detail Areas 1 & 2

**April 2021** 

# **LEGEND**

Town of Poughkeepsie Perennial Streams

County Boundary City/Town Boundary

Intermittent Streams Resilient Sites

Village Boundary

Current Mean High Water

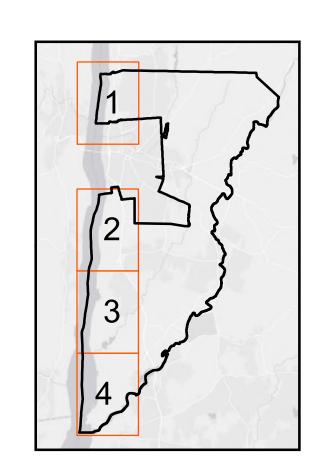
--- Railroad

100 Year Floodplain

Sea Level Inundation

Cocal Roads

**∼** Major Roads



## **NYSDEC Adopted Sea-Level Rise projections for** the Lower- Hudson region, 6NYCRR Part 490

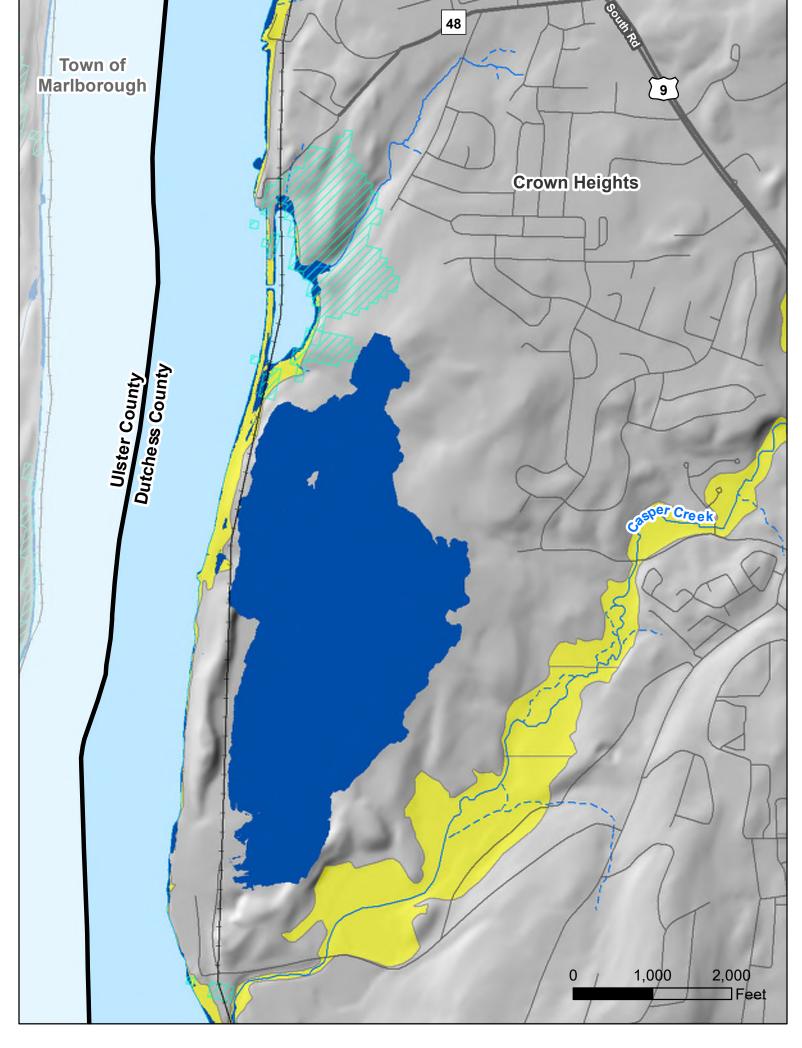
Time Interval	Low Projection	Low- Medium Projection	Medium Projection	High- Medium Projection	High Projection
2020s	2 Inches	4 inches	6 inches	8 inches	10 inches
2050s	8 inches	11 inches	16 inches	21 inches	30 inches
2080s	13 inches	18 inches	29 inches	39 inches	58 inches
2100	15 inches	22 inches	36 inches	50 inches	75 inches



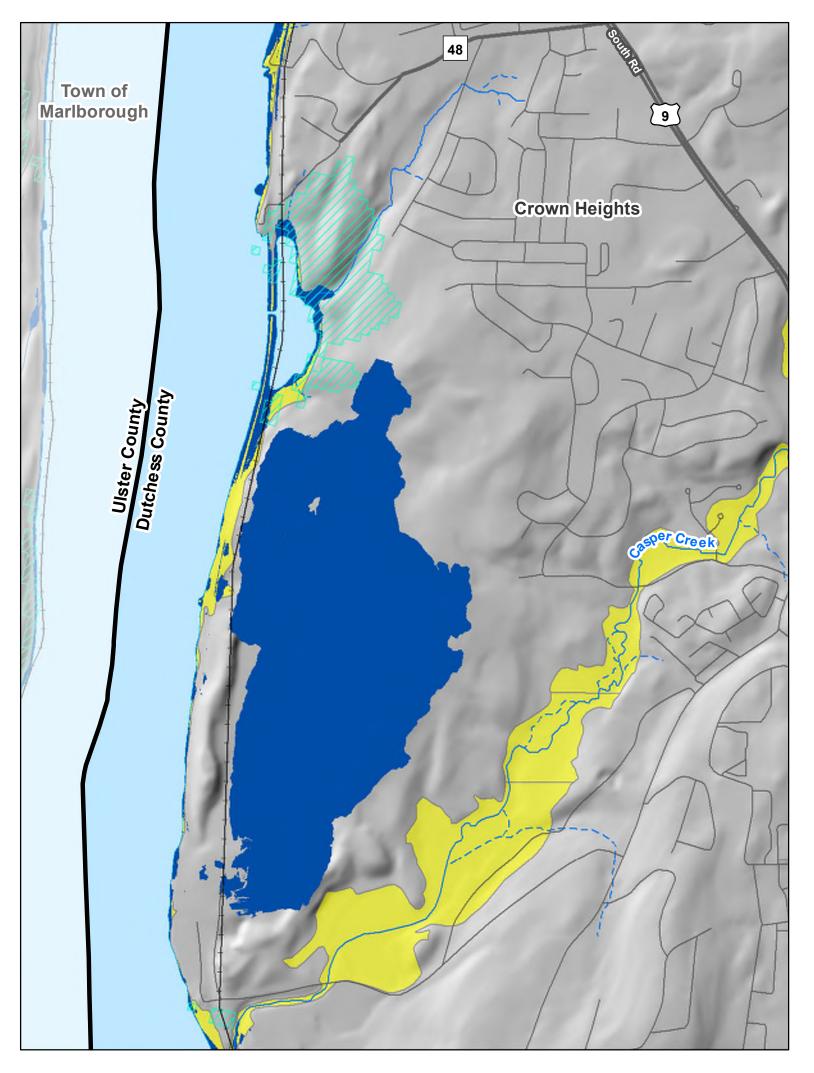
Sources: Esri, NYS ITS, Columbia University Hudson River Flood Decision, Dutchess County, NYSDEC, The Nature Conservancy, Hudsonia, Town of Poughkeepsie



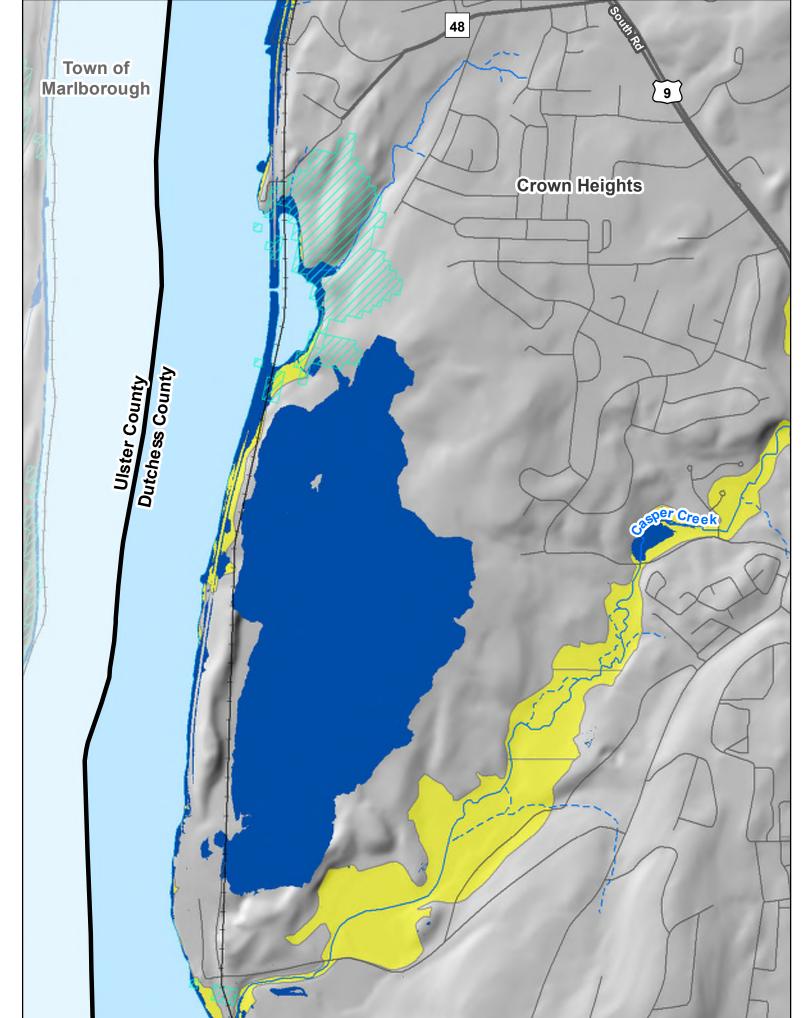




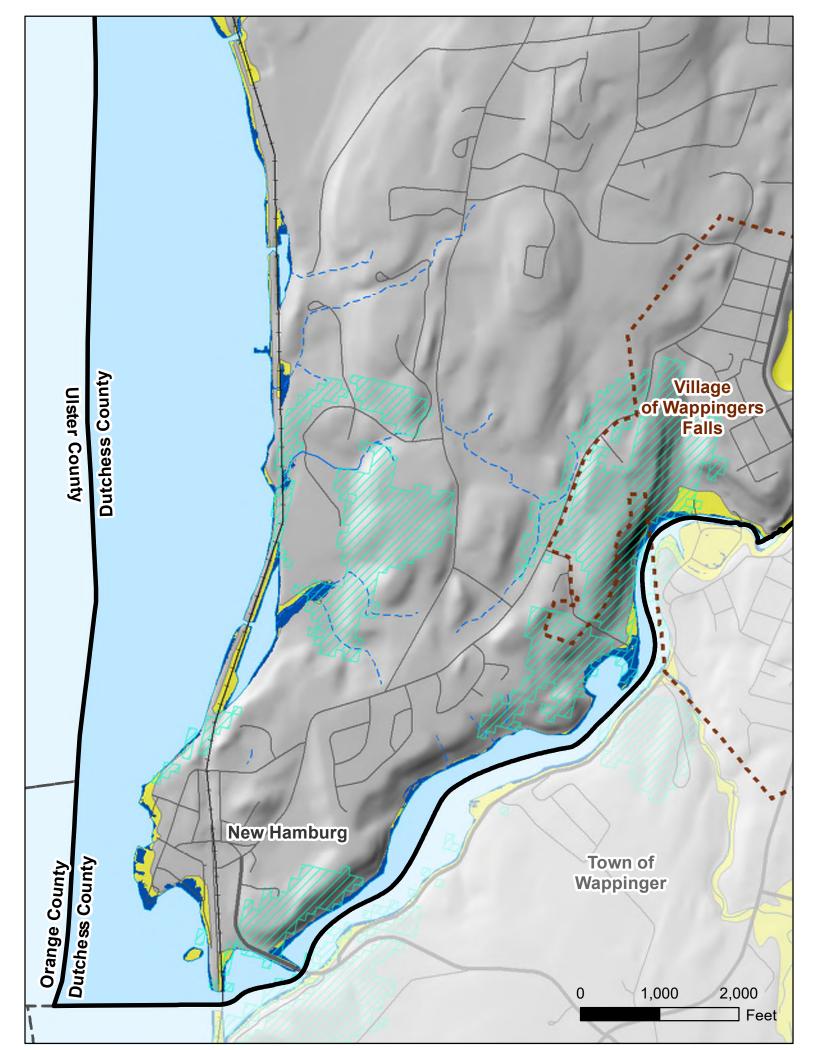
Hudson River Flood Decision- 30" Inundation (compare to the High scenario for 2050s)

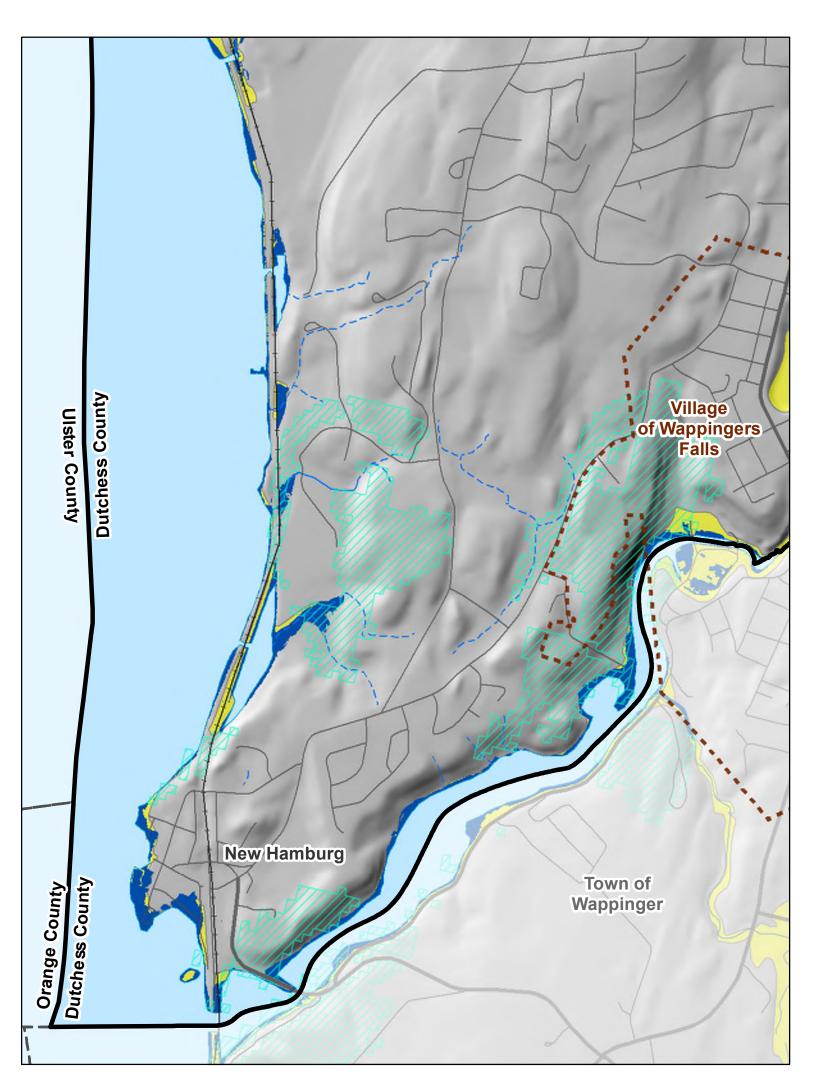


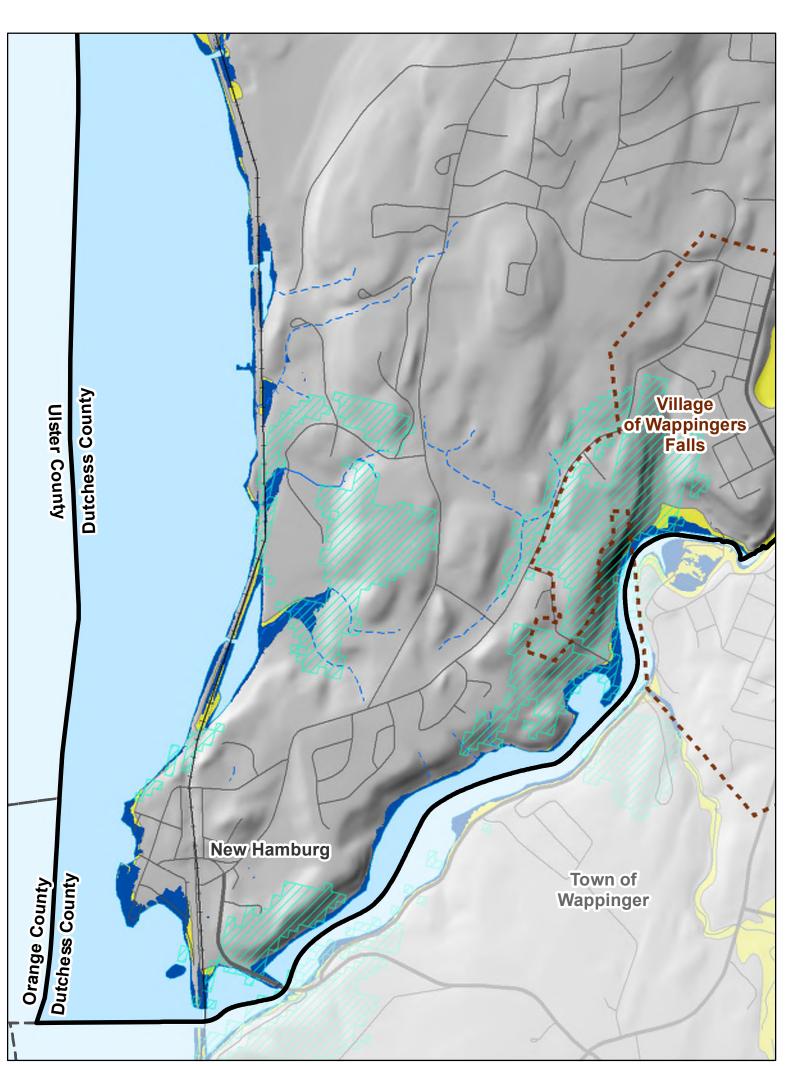
Hudson River Flood Decision- 60" Inundation (compare to the High scenario for 2080s)



Hudson River Flood Decision- 72" Inundation (compare to the High scenario for 2100)









# Sea Level Rise Detail Areas 3 & 4

April 2021

Town of Poughkeepsie Perennial Streams

**LEGEND** 

County Boundary

Intermittent Streams

Resilient Sites

City/Town Boundary
Village Boundary

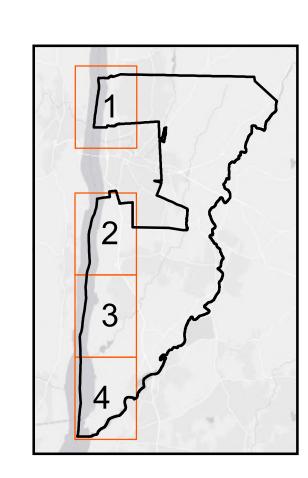
Current Mean High Water

Local Roads

Major Roads

Sea Level Inundation
100 Year Floodplain

~ Railroad



# NYSDEC Adopted Sea-Level Rise projections for the Mid- Hudson region, 6NYCRR Part 490

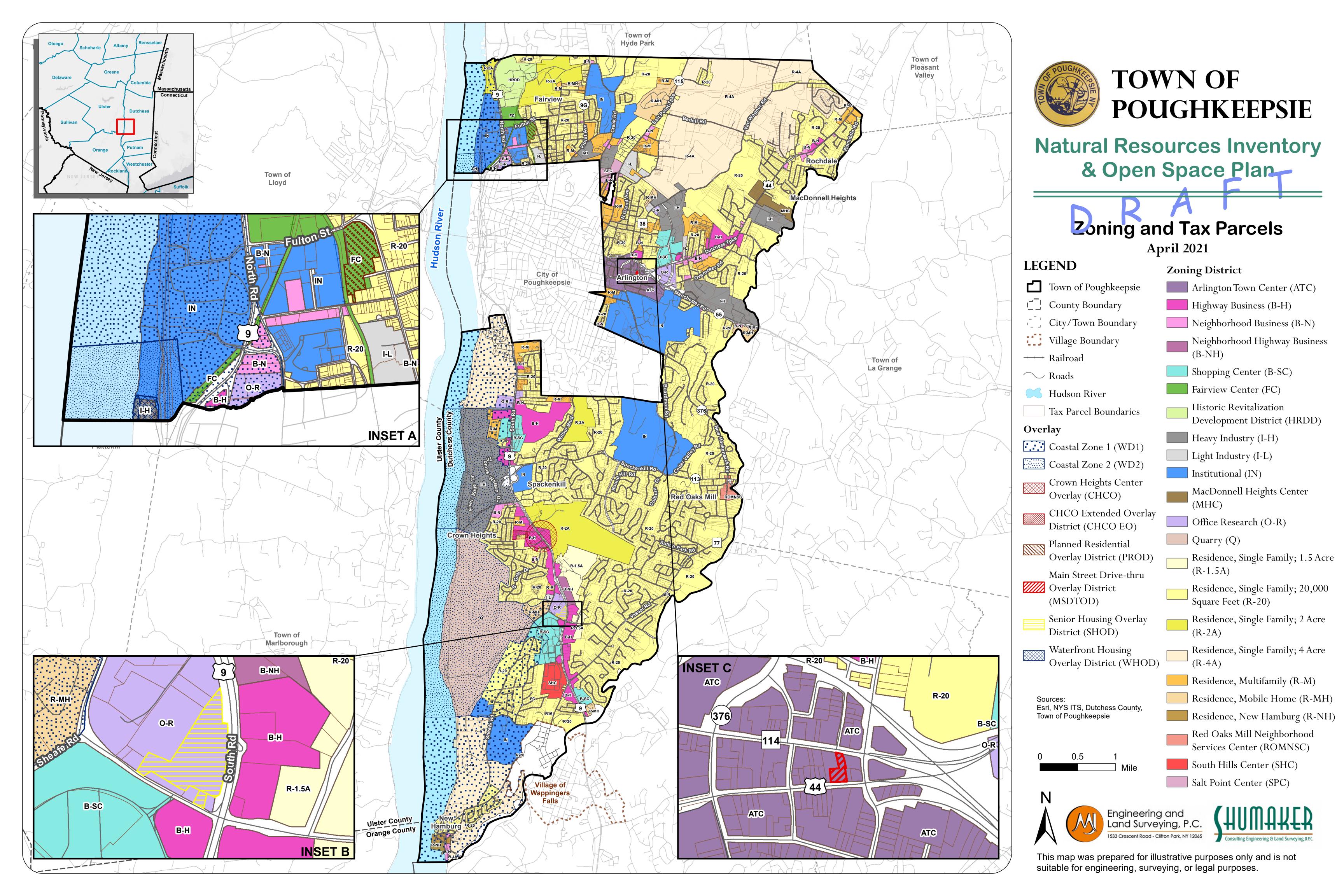
Time Interval	Low Projection	Low- Medium Projection	Medium Projection	High- Medium Projection	High Projection
2020s	2 Inches	4 inches	6 inches	8 inches	10 inches
2050s	8 inches	11 inches	16 inches	21 inches	30 inches
2080s	13 inches	18 inches	29 inches	39 inches	58 inches
2100	15 inches	22 inches	36 inches	50 inches	75 inches

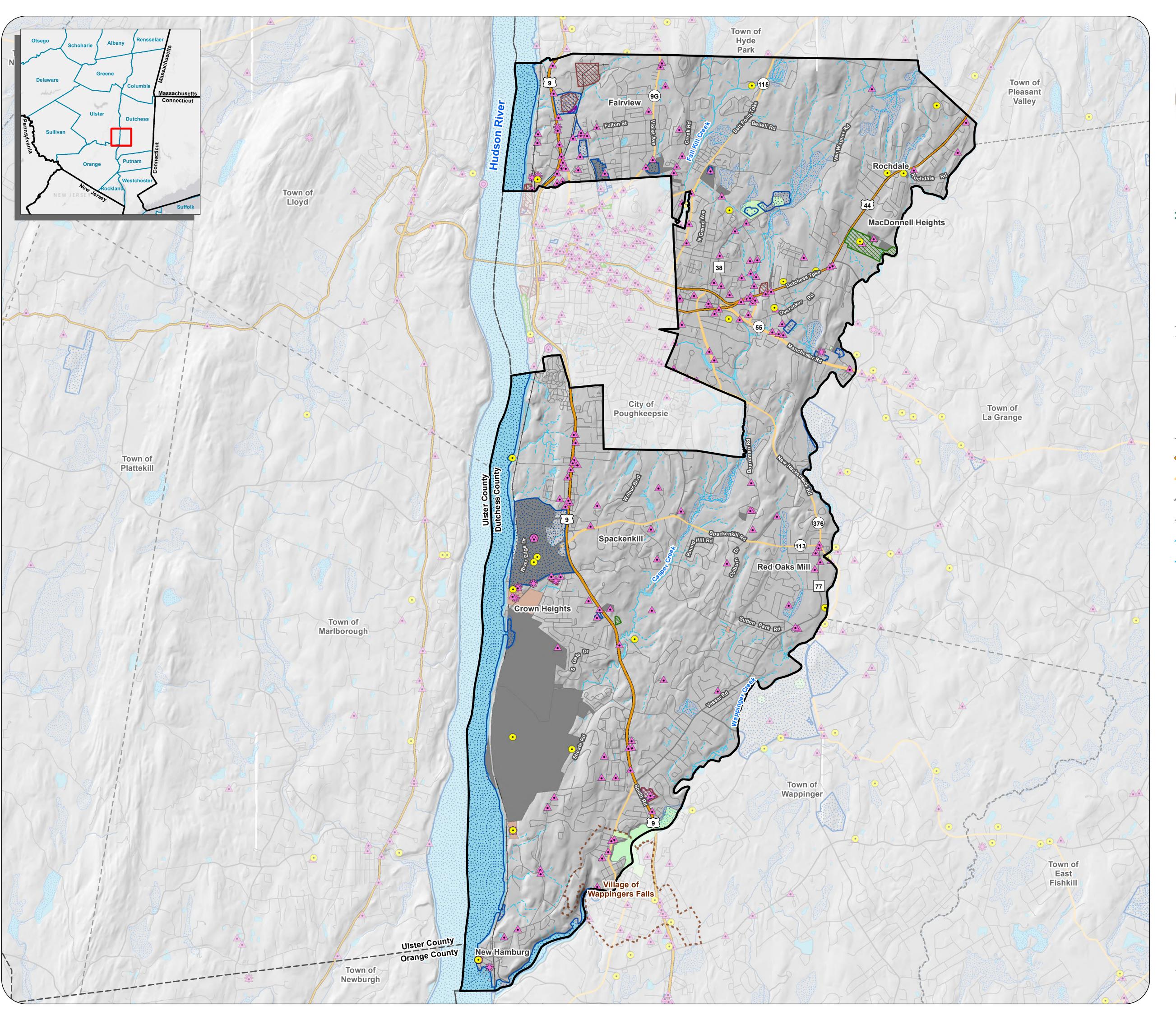


Sources: Esri, NYS ITS, Columbia University Hudson River Flood Decision, Dutchess County, NYSDEC, Hudsonia, Town of Poughkeepsie



Engineering and Land Surveying, P.C.







# B. wnfields, Waste Sites & Regulated Facilities

April 2021

Industrial Sites

**Remediation Sites** 

Program\*

Voluntary Cleanup

Program

Brownfield Cleanup

Environmental Restoration

Resource Conservation and Recovery

State Superfund Program

Critical Environmental

Waste Sites

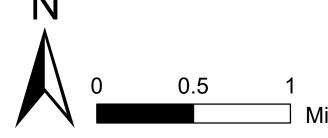
#### **LEGEND**

- Town of Poughkeepsie
- County Boundary
- City/Town Boundary
- Village Boundary
- ---- Railroad
- Kambad
- US Routes
- State Routes
- County Routes
- Cocal Roads
- Perennial Streams
- Intermittent Streams
- NYSDEC Wetland
- Open Water
- SPDES Permit Sites
- Chemical Bulk Storage Facility
- Major Oil Storage Facility
- Petroleum Bulk Storage

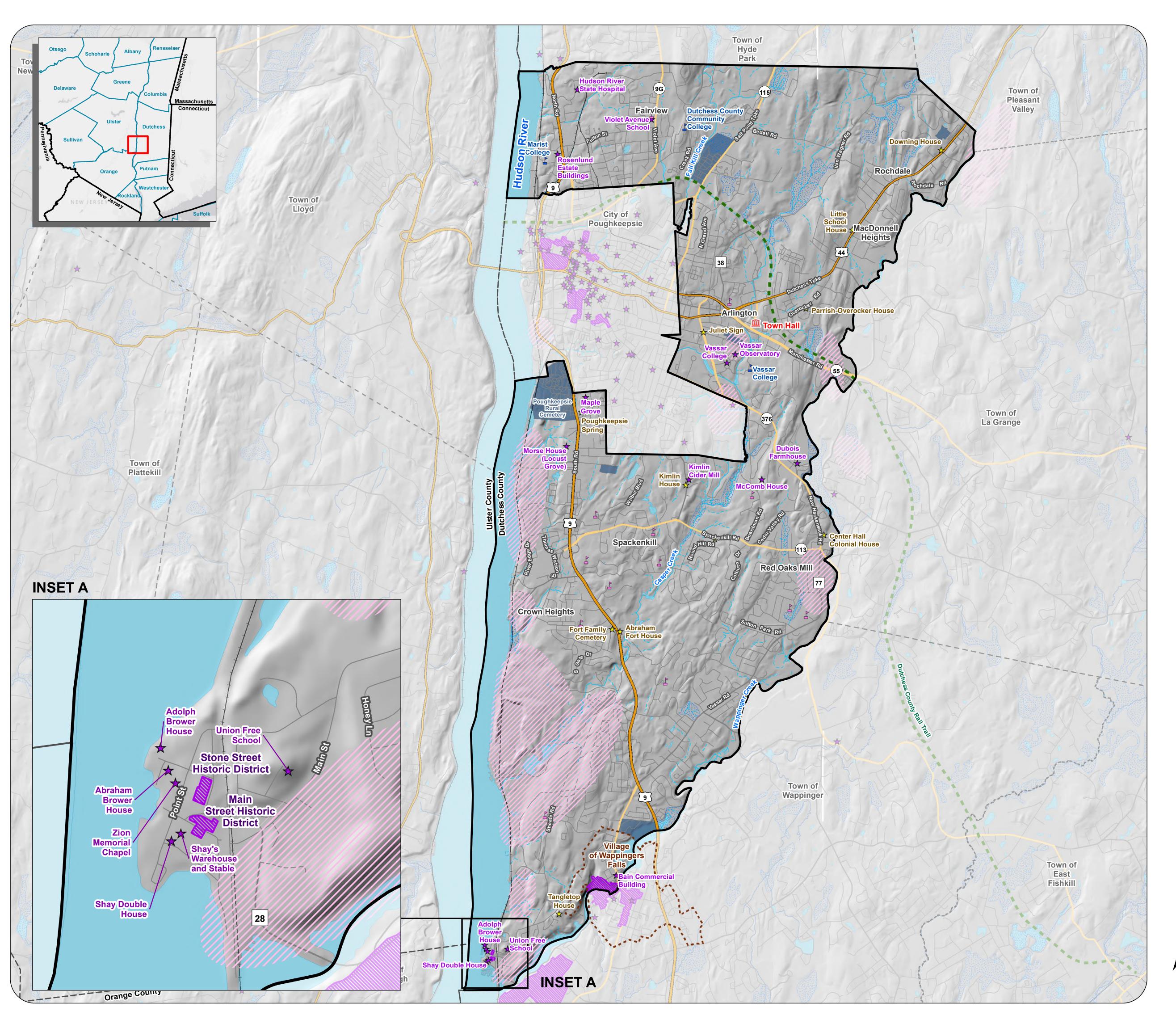
\*None present within the Town

Sources:
Esri, NYS ITS, Dutchess County,
Town of Poughkeepsie, NYSDEC,
Hudsonia











# Cultural & Historic Sites April 2021

# **LEGEND**

Town of Poughkeepsie

County Boundary

City/Town Boundary

Village Boundary

----- Railroad

US Routes

State Routes

County Routes

Cocal Roads

Dutchess County Rail Trail

—— Perennial Streams

---- Intermittent Streams

NYSDEC Wetland

Open Water

Town Hall

u TOWII I I all

Colleges

L Schools

Local Historic Site

**★** National Register Site

National Register Historic District

Cemeteries

Native American Sites\*

\*Generalized site locations (not exact)

Sources:
Esri, NYS ITS, Dutchess County,
NYSDEC, Hudsonia, Town of
Poughkeepsie, NYSOPRHP



