

Towns of Greenwood, West Union, and Troupsburg
Steuben County, New York

 Project Area



Sources: ESRI, TRC



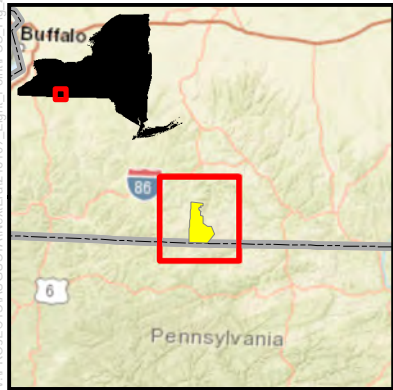
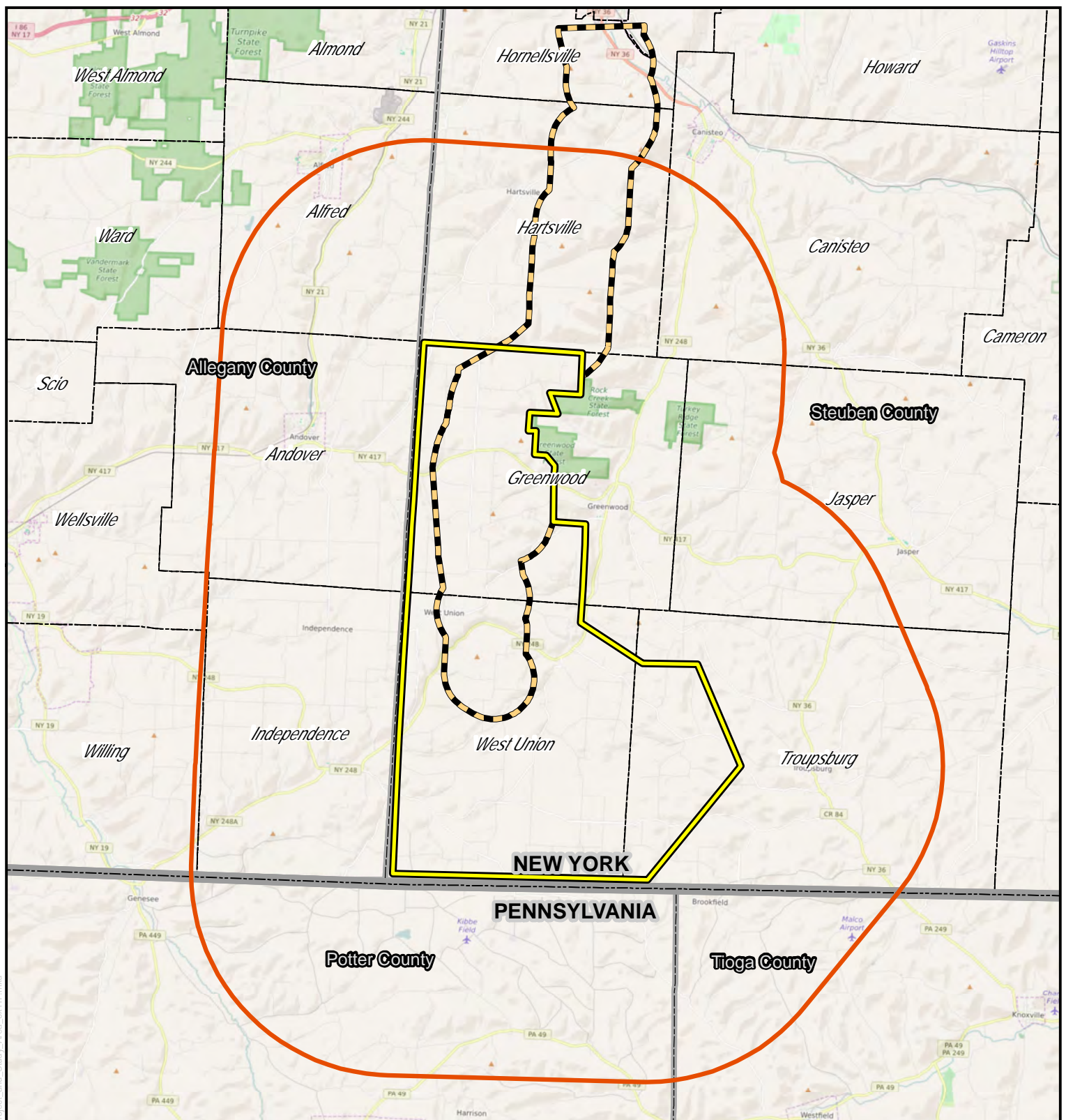
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

Figure 1: Regional Project Location

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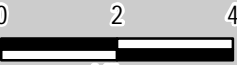
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-  Project Area
-  5 Mile Study Area
-  Proposed Transmission Line Study Area
-  State Boundary
-  County Boundary
-  Town Boundary

Sources: ESRI, TRC, NYSGIS






Miles



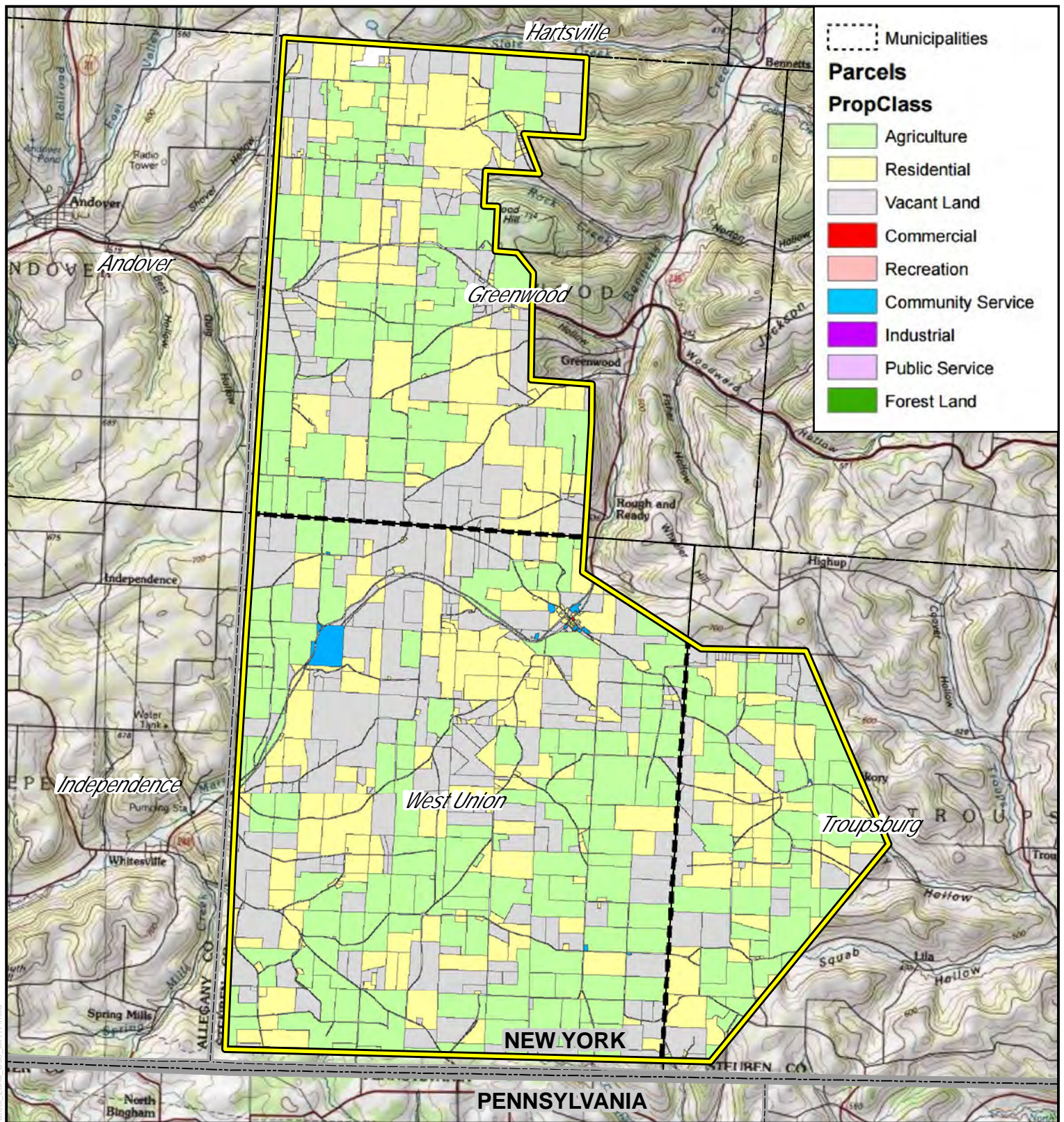
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Figure 2: Project Area and Study Area

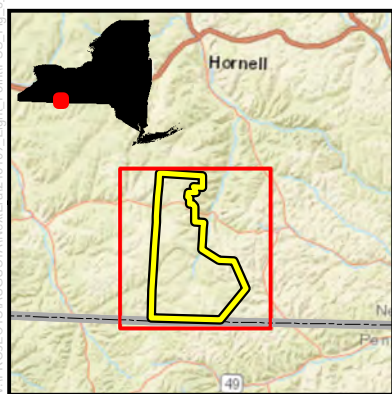
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Municipalities
Parcels
PropClass
 Agriculture
 Residential
 Vacant Land
 Commercial
 Recreation
 Community Service
 Industrial
 Public Service
 Forest Land



Project Area
 State Boundary
 County Boundary
 Town Boundary

0 1 2
 Miles

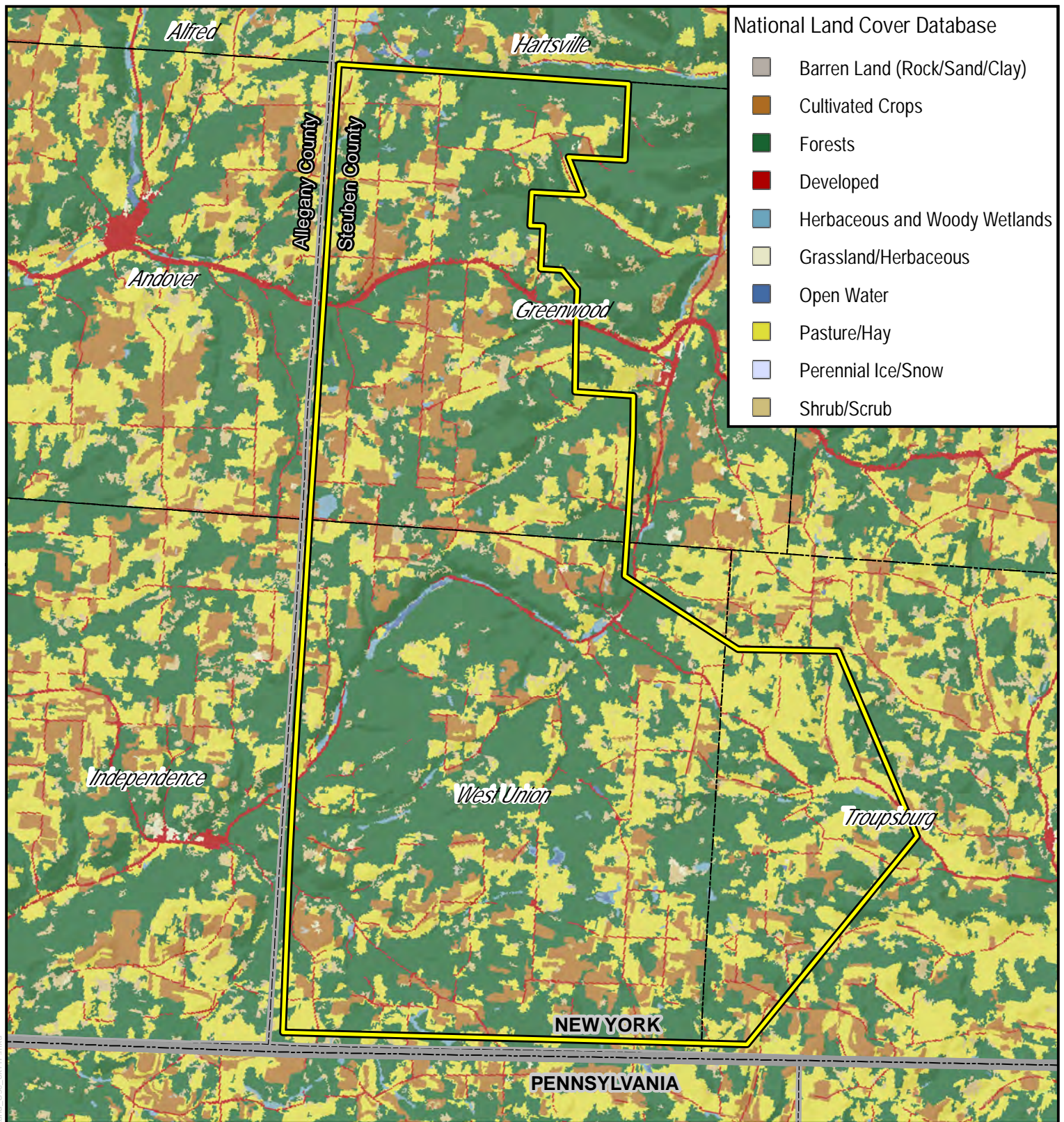
Sources: ESRI, TRC, NextEra, NYGIS

NextEra ENERGY

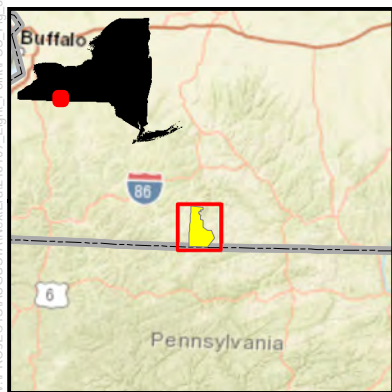
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 Figure 3: Major Land Uses
by Parcel in the Project Area

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- National Land Cover Database
- Barren Land (Rock/Sand/Clay)
 - Cultivated Crops
 - Forests
 - Developed
 - Herbaceous and Woody Wetlands
 - Grassland/Herbaceous
 - Open Water
 - Pasture/Hay
 - Perennial Ice/Snow
 - Shrub/Scrub



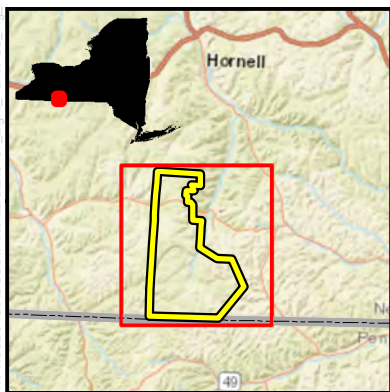
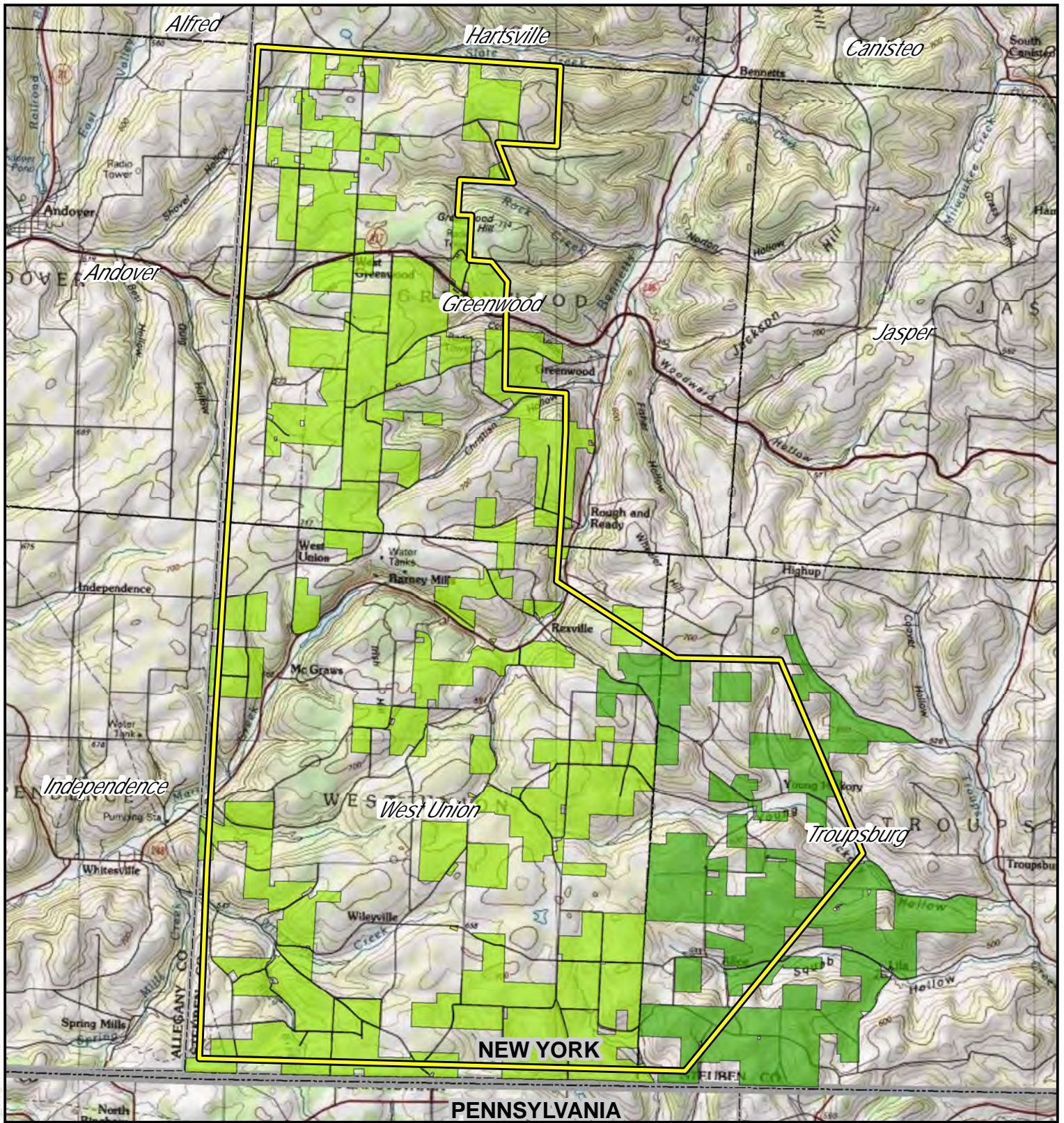
- Project Area
- State Boundary
- County Boundary
- Town Boundary







Sources: ESRI, TRC, NYSGIS, USGS

Miles

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 Figure 4: Cover Types in
the Project Area

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-  Project Area
-  District 10
-  District 23
-  State Boundary
-  County Boundary
-  Town Boundary

Sources: ESRI, TRC, NextEra, USGS



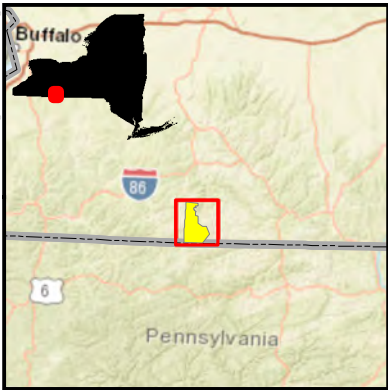
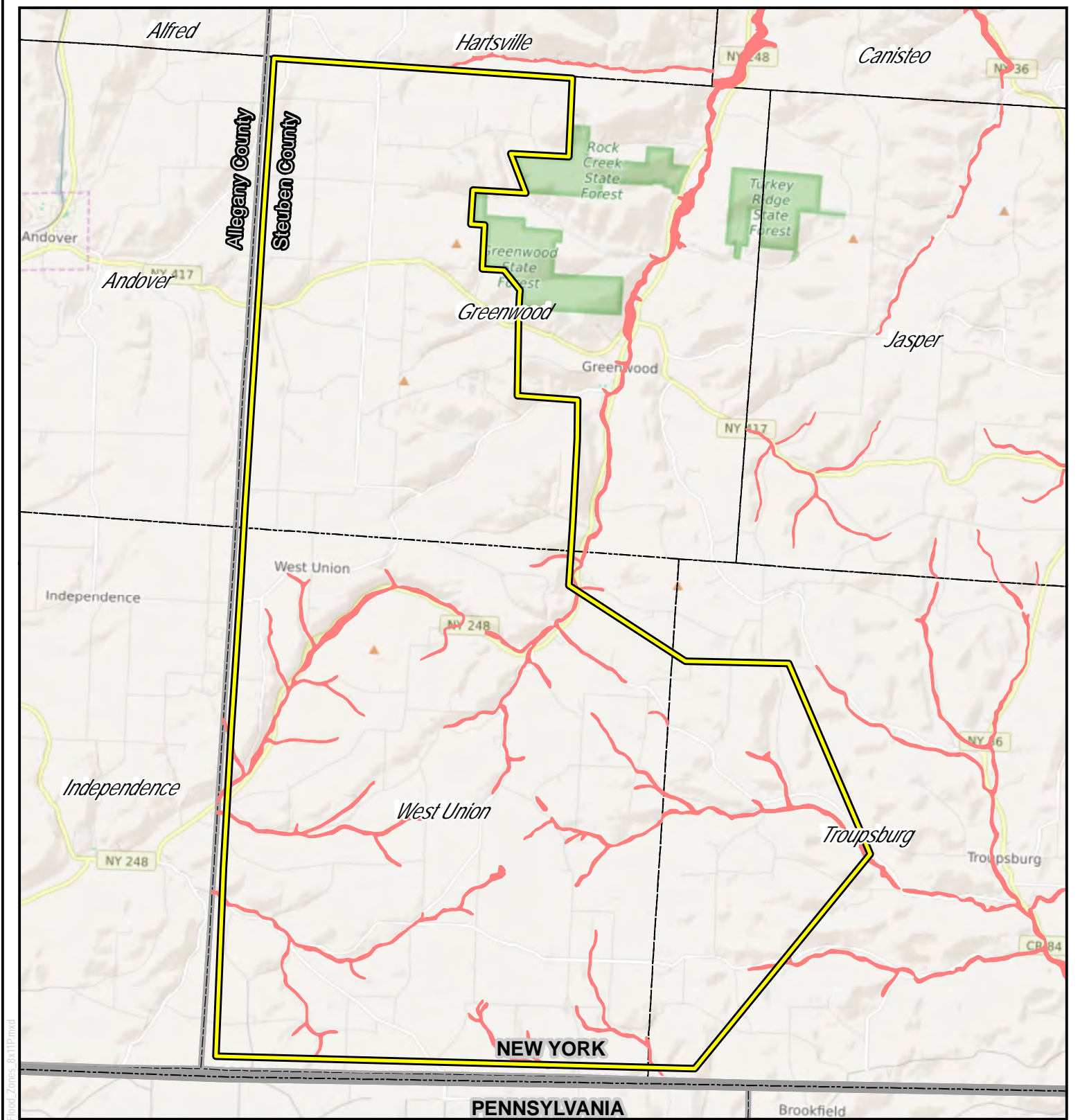
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

Figure 5: New York Agricultural Districts in the Project Area



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-  Project Area
-  Zone A 100 Year Flood Hazard Area
-  State Boundary
-  County Boundary
-  Town Boundary



 0 1.25 2.5
 Miles


Sources: ESRI, TRC, NYSDEC, FEMA



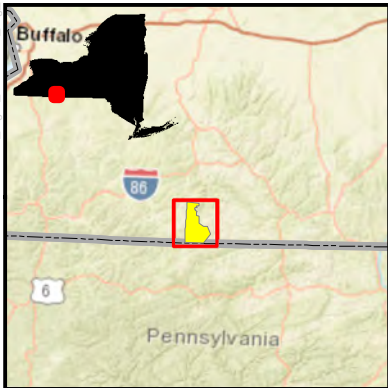
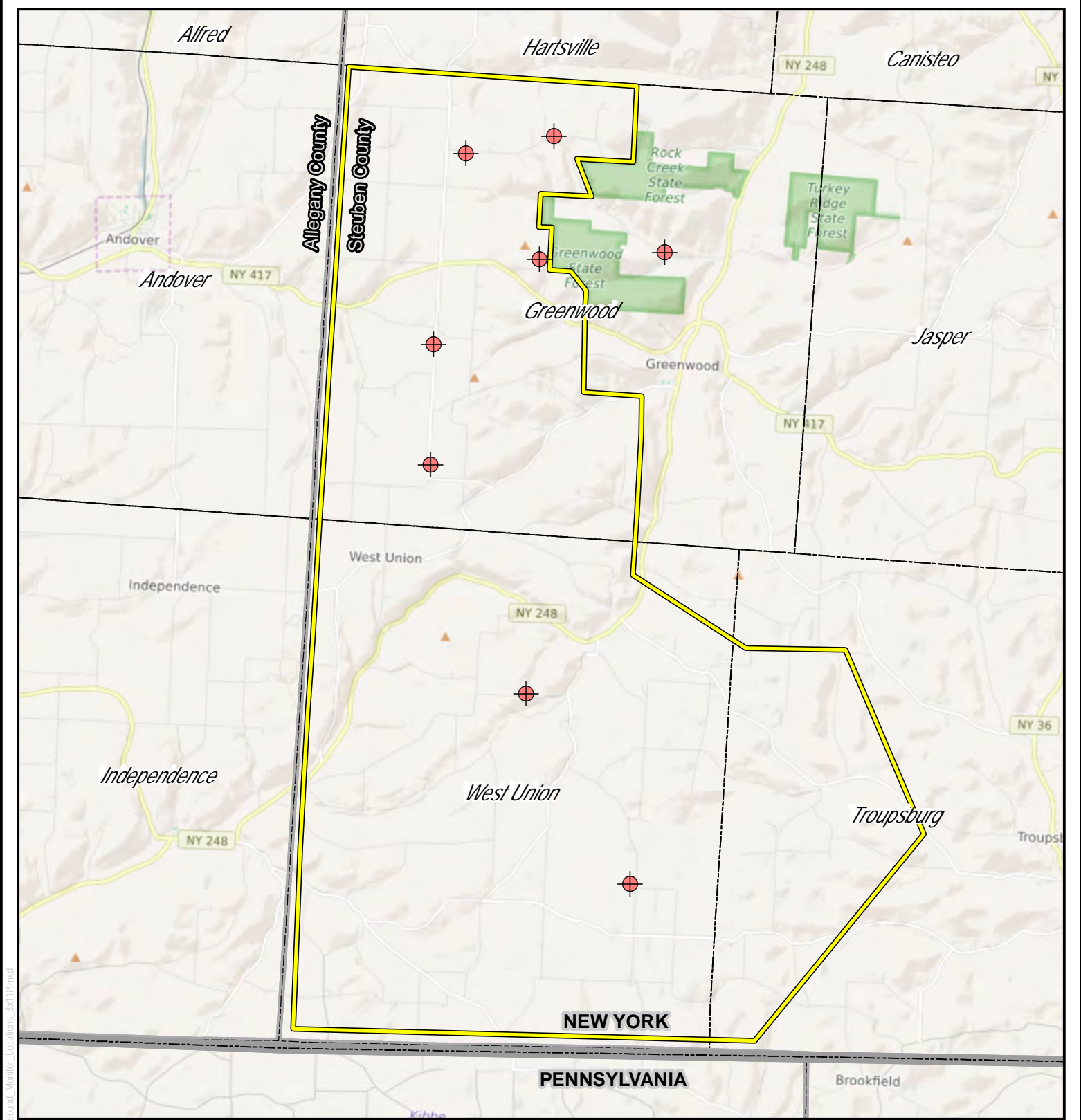
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



Figure 6: FEMA Flood Zones

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-  Project Area
-  Noise Monitor Location
-  State Boundary
-  County Boundary
-  Town Boundary



Sources: ESRI, TRC, NYSGIS



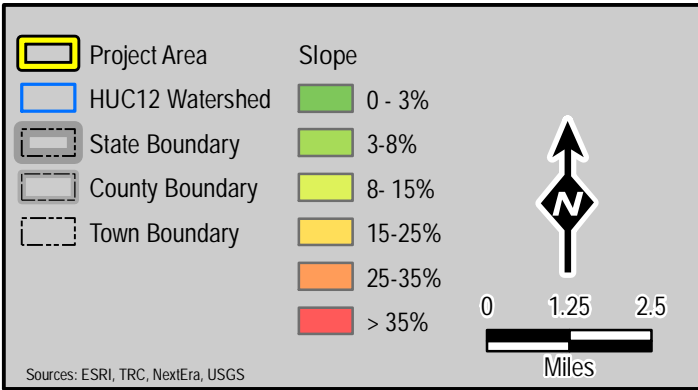
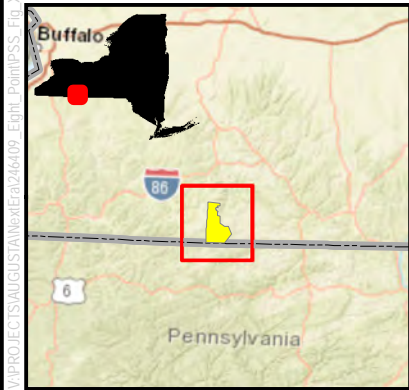
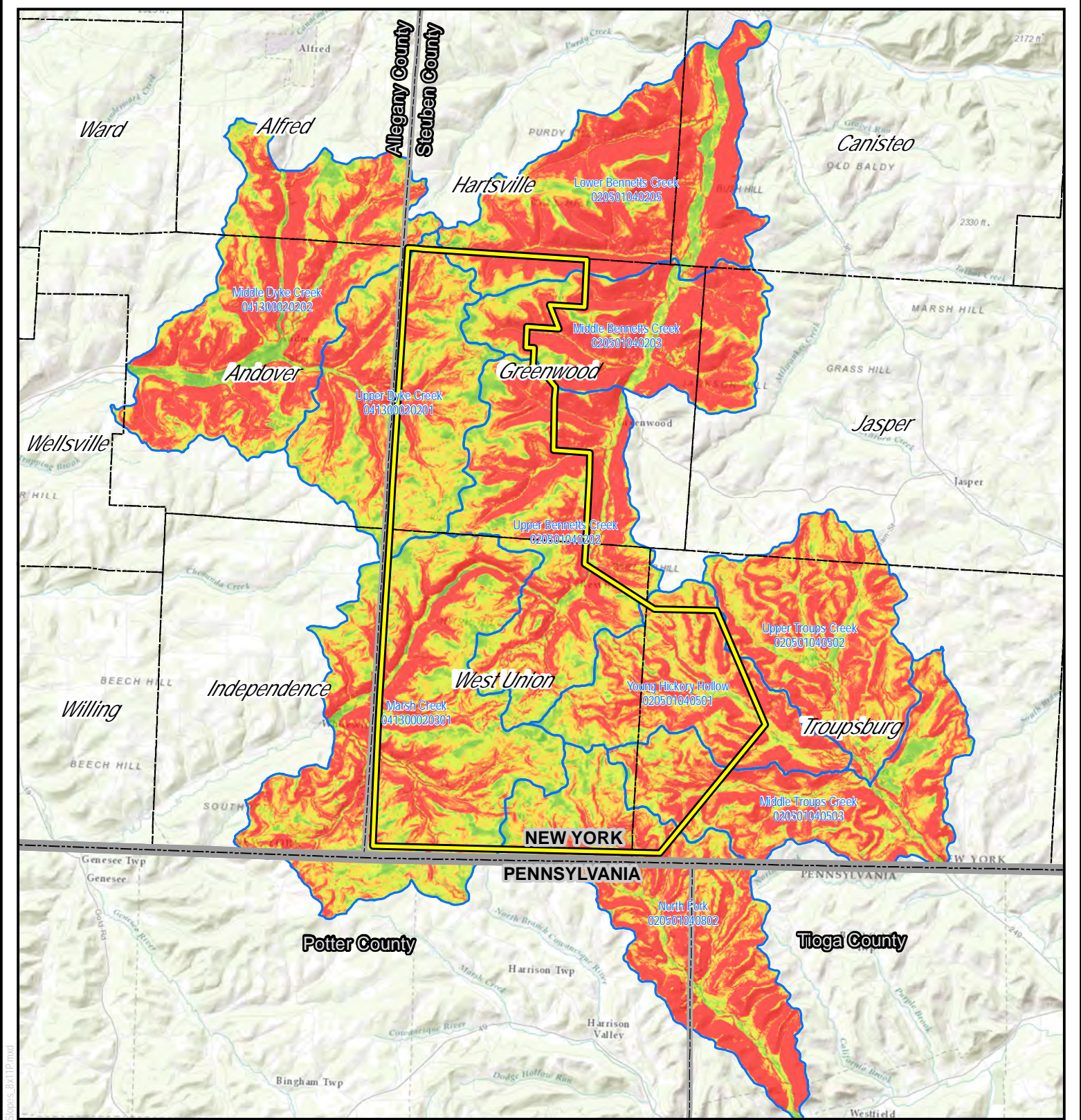
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Figure 7: Noise Monitor Locations

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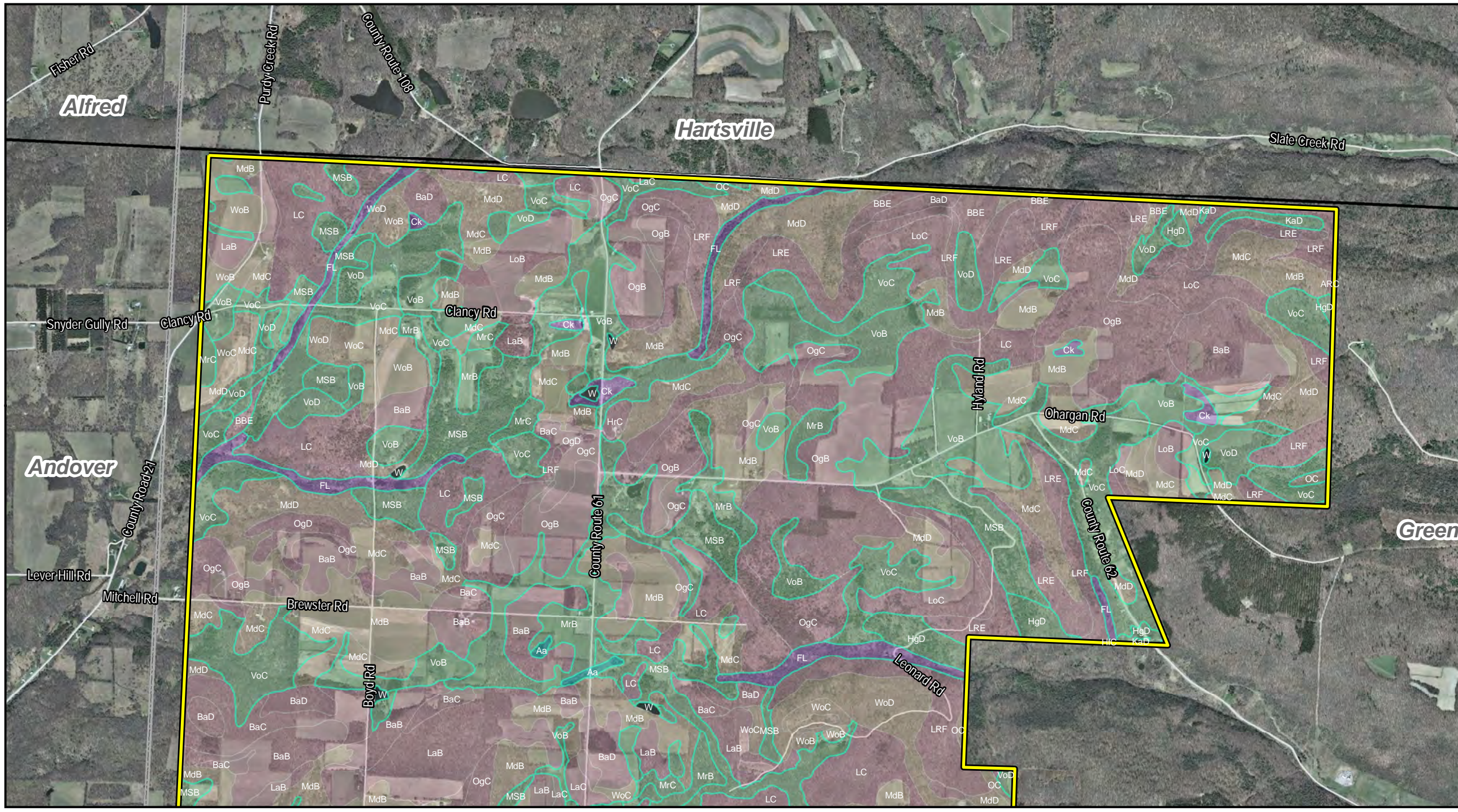


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Figure 8: Slopes of HUC12 Watersheds
Intersecting the Project Area

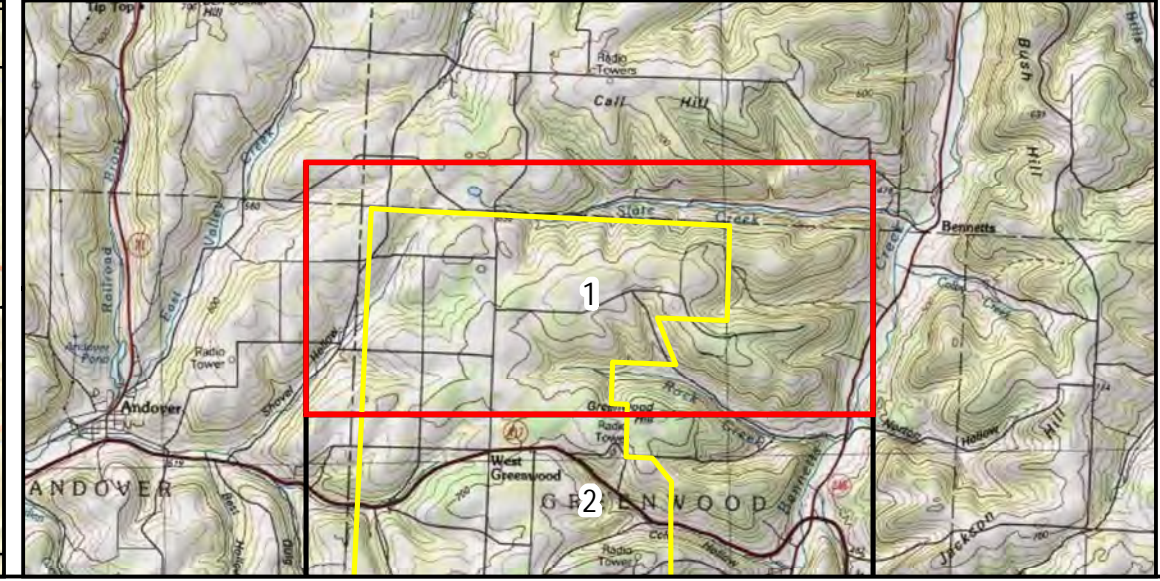
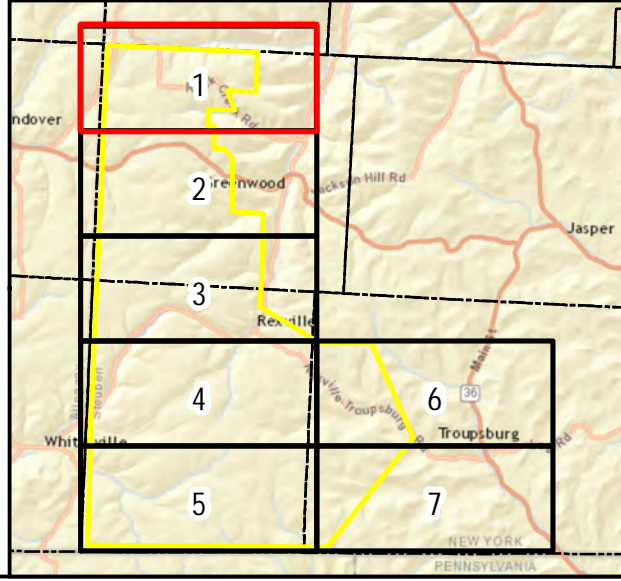
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Map Unit Symbol Definitions

- Aa - Aiken silt loam
- AA - Aiton gravelly fine sandy loam, 0 to 3 percent slopes
- AB - Aiton gravelly fine sandy loam, undulating
- ARC - Amot channery silt loam, 2 to 20 percent slopes
- BaB - Bath channery silt loam, 3 to 12 percent slopes
- BaC - Bath channery silt loam, 12 to 20 percent slopes
- BaD - Bath channery silt loam, 20 to 30 percent slopes
- BBE - Bath soils, steep
- BaA - Braeaville gravelly silt loam, 0 to 3 percent slopes
- Co - Carlisle muck
- Ch - Chenango channery silt loam, fan
- Ck - Chippewa channery silt loam, 0 to 3 percent slopes
- FL - Fluvaquents and Ochrepts
- HB - Homell-Fremont silt loams, 1 to 6 percent slopes
- HRC - Homell-Fremont silt loams, 6 to 12 percent slopes
- HgD - Homell and Fremont silt loams, 12 to 20 percent slopes
- HHE - Homell and Fremont silt loams, steep
- HoC - Howard gravelly loam, rolling
- HB - Howard-Madrial complex, undulating
- HRC - Howard-Madrial complex, rolling
- HRD - Howard-Madrial complex, 20 to 30 percent slopes
- KaD - Kanona silty clay loam, 6 to 20 percent slopes
- LaB - Lackawanna channery silt loam, 3 to 12 percent slopes
- LaC - Lackawanna channery silt loam, 12 to 20 percent slopes
- LC - Lackawanna-Wellsboro association, extremely stony
- LoB - Londstown channery silt loam, 3 to 12 percent slopes
- LoC - Londstown channery silt loam, 12 to 20 percent slopes
- LRE - Londstown-Amot association, steep
- LRf - Londstown-Amot association, very steep
- MdB - Marlin channery silt loam, 2 to 8 percent slopes
- MdC - Marlin channery silt loam, 8 to 15 percent slopes
- MdD - Marlin channery silt loam, 15 to 25 percent slopes
- MrB - Marlin and Volusia channery silt loams, silt substratum, 2 to 6 percent slopes
- MrC - Marlin and Volusia channery silt loams, silt substratum, 6 to 12 percent slopes
- Mp - Middlebury silt loam
- MrB - Morris channery silt loam, 2 to 8 percent slopes
- MrC - Morris channery silt loam, 8 to 15 percent slopes
- MSB - Morris channery silt loam, gently sloping, extremely stony
- OC - Ochrepts and Orthents
- OgB - Oquaga channery silt loam, 3 to 12 percent slopes
- OgC - Oquaga channery silt loam, 12 to 20 percent slopes
- OgD - Oquaga channery silt loam, 20 to 30 percent slopes
- Pa - Palms muck
- Tg - Tioga silt loam
- TuB - Tuller channery silt loam, 0 to 6 percent slopes
- VoB - Volusia channery silt loam, 3 to 8 percent slopes
- VoC - Volusia channery silt loam, 8 to 15 percent slopes
- VoD - Volusia channery silt loam, 15 to 25 percent slopes
- W - Water
- Wn - Wayland soils complex, non-calcareous substratum, 0 to 3 percent slopes
- WoB - Wellsboro channery silt loam, 2 to 8 percent slopes
- WoC - Wellsboro channery silt loam, 8 to 15 percent slopes
- WoD - Wellsboro channery silt loam, 15 to 25 percent slopes



LEGEND

- Project Area
- Hydric Soils
- Drainage Class
 - Well drained
 - Moderately well drained
 - Somewhat poorly drained
 - Poorly drained
 - Very poorly drained
- NY County
- Town Boundary
- Roads

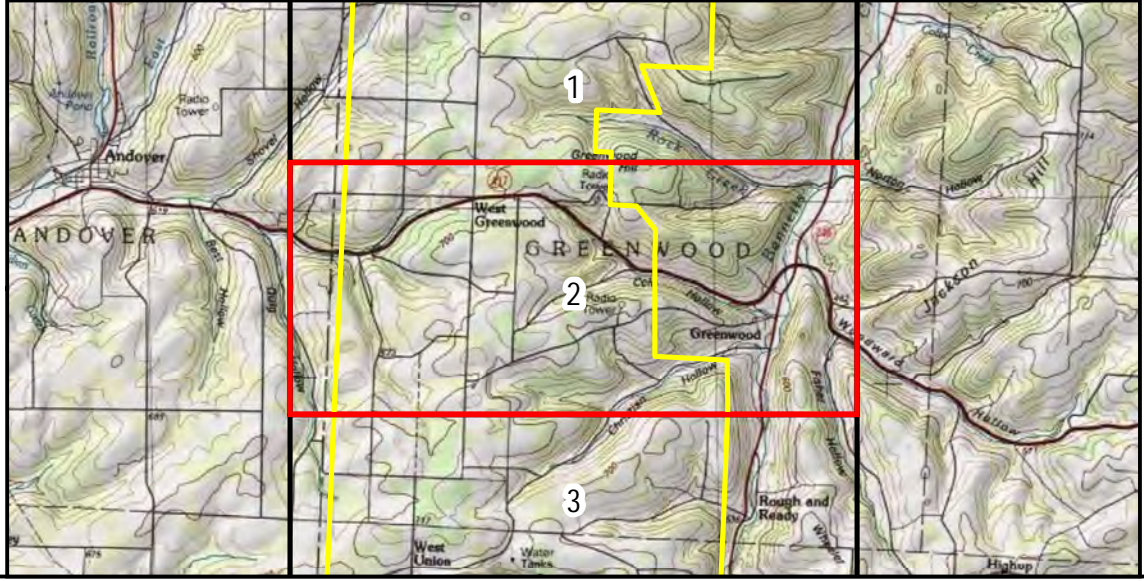
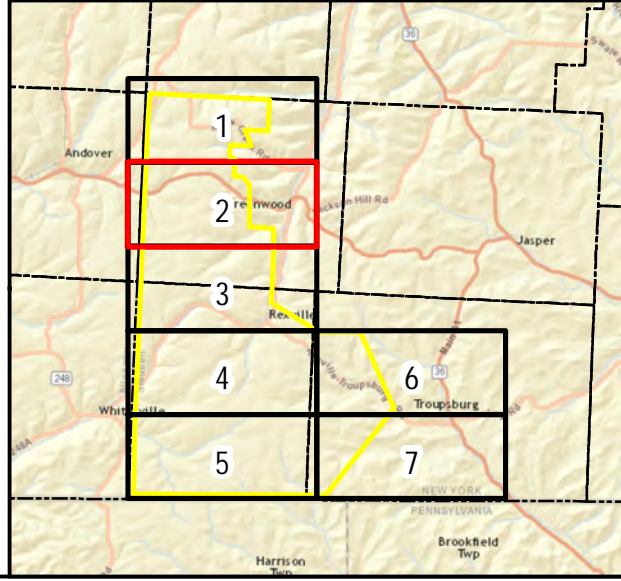
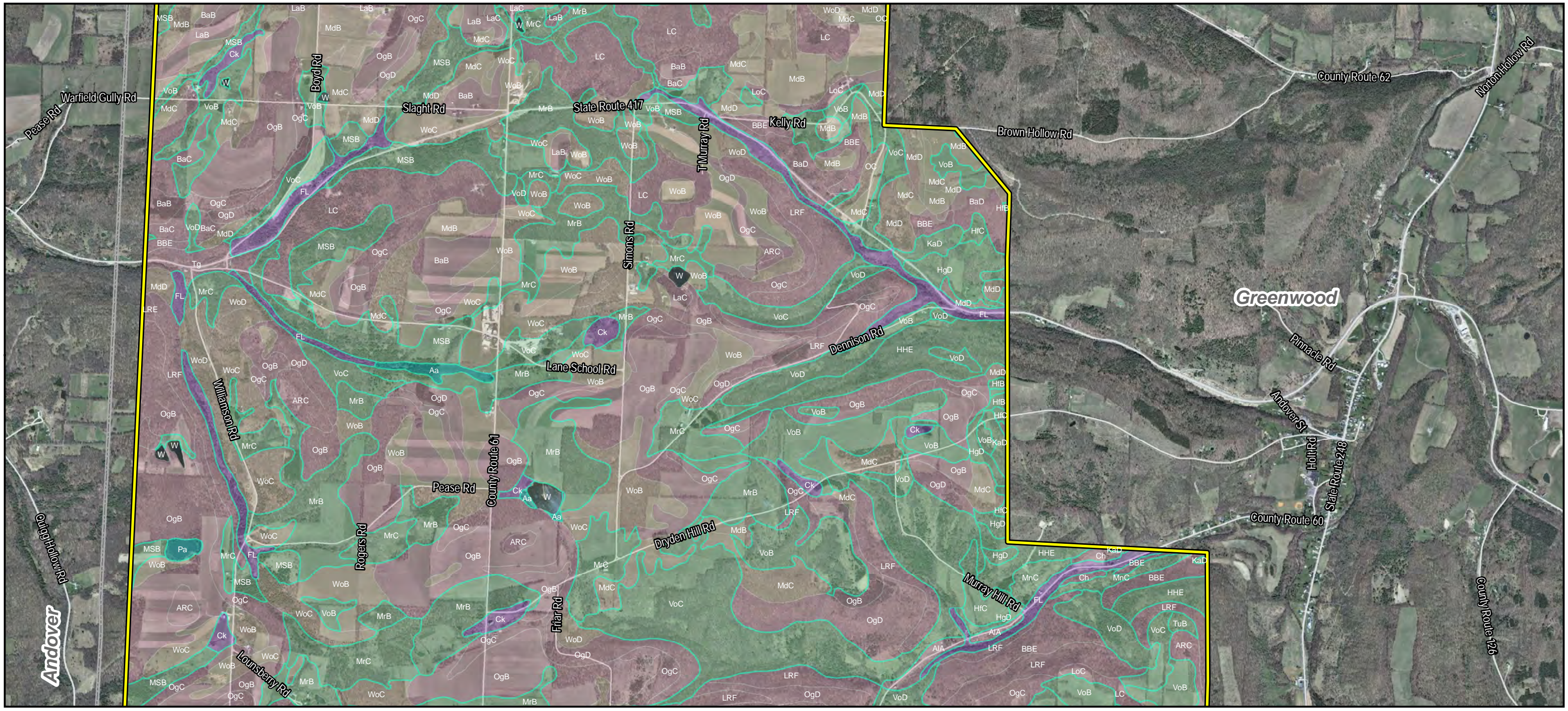
Sources: ESRI, TRC, NextEra, NYGIS, USDA

**Eight Point
Wind Energy Center**
 Figure: 9 SSURGO Soils
 in the Project Area

Page 1 of 7
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LEGEND

- Project Area
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- Well drained
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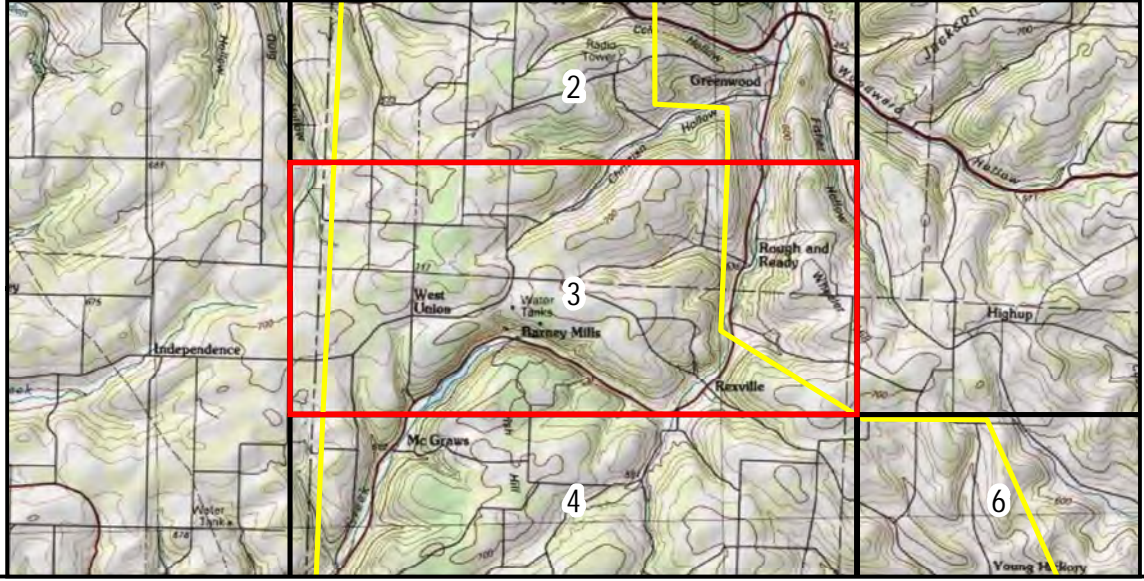
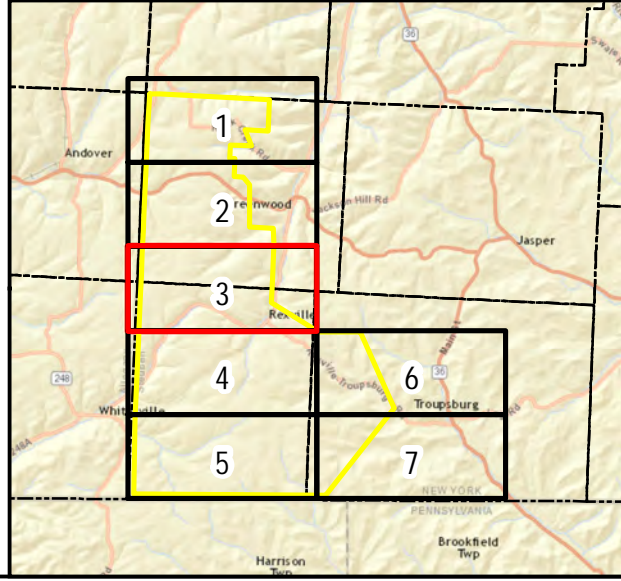
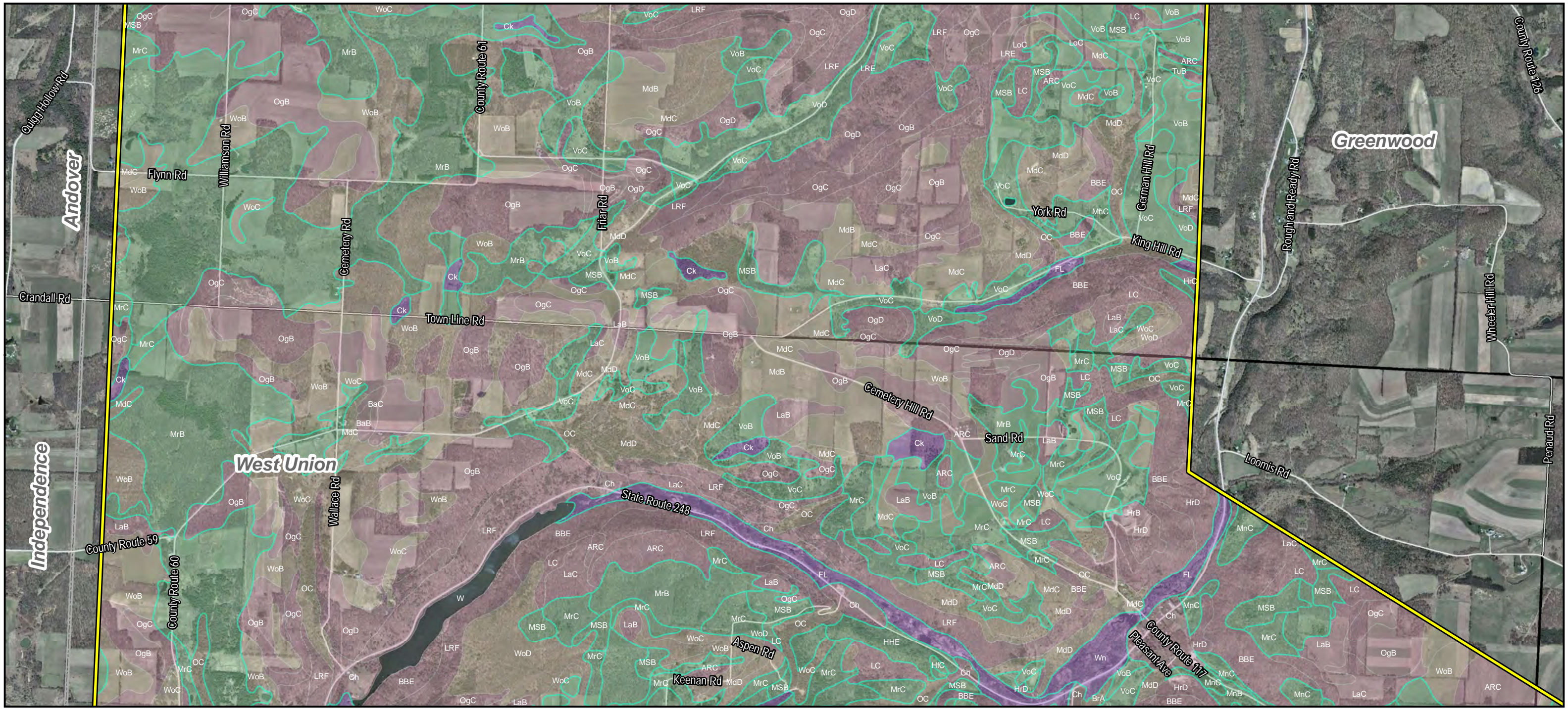
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LEGEND



- Project Area
- Hydric Soils
- Drainage Class
 - Well drained
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Sources: ESRI, TRC, NextEra, NYGIS, USDA

NEXTERA ENERGY RESOURCES

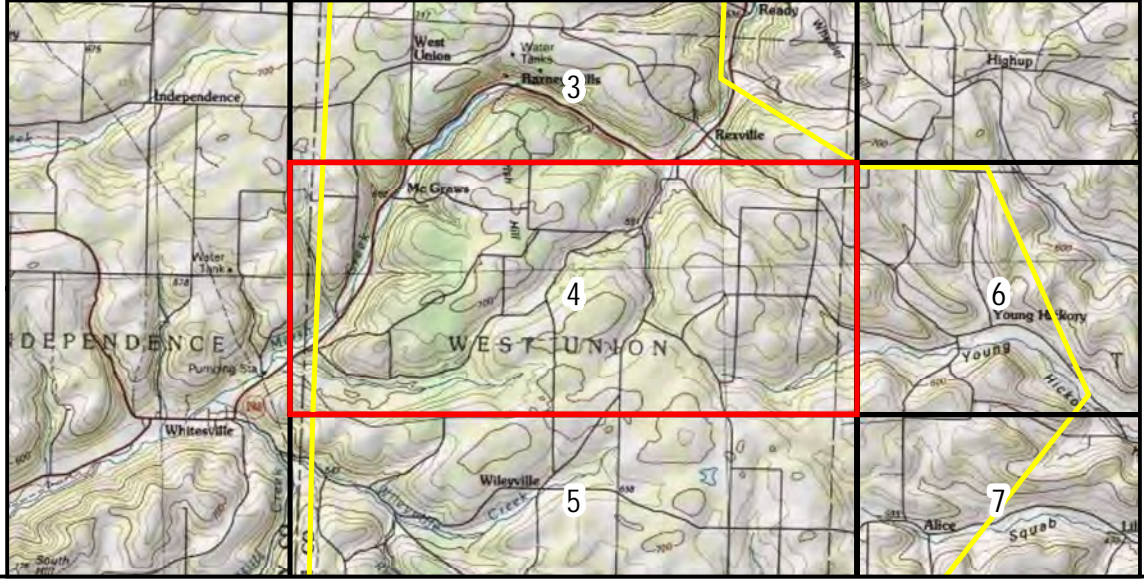
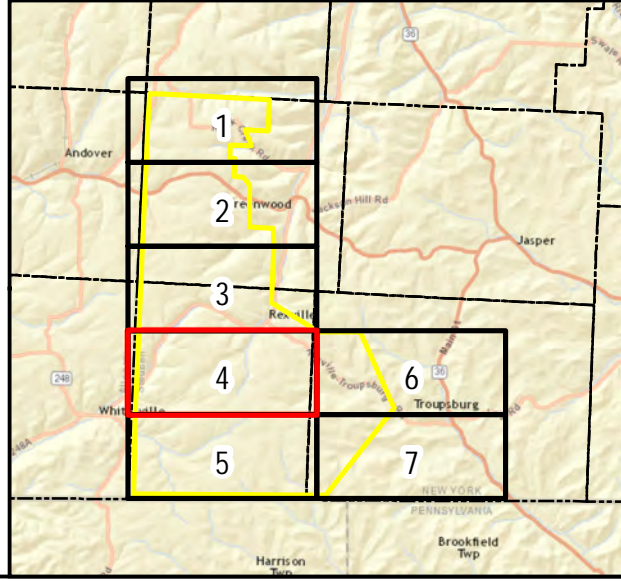
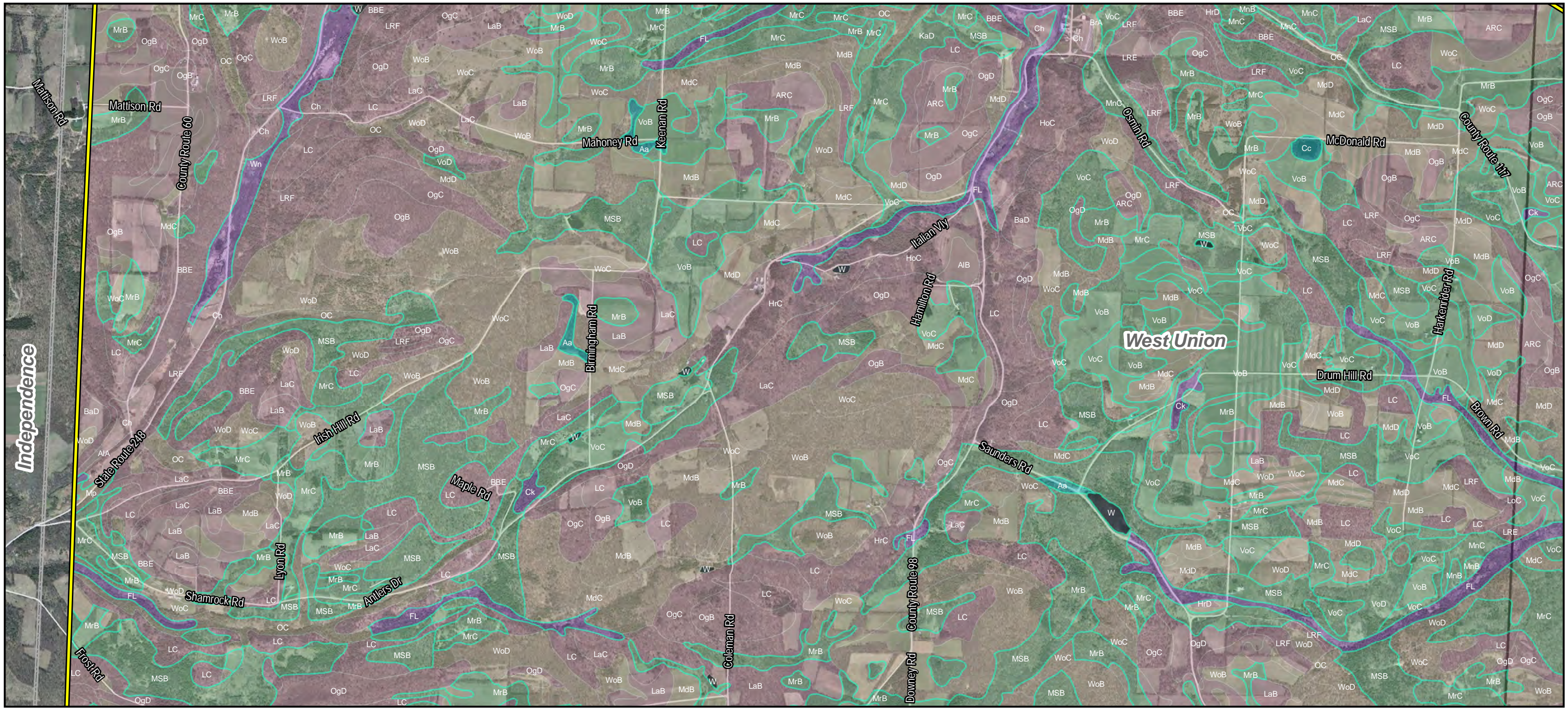
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Figure: 9 SSURGO Soils in the Project Area

Page 3 of 7 Revised: 9/16/2016



 Feet


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LEGEND

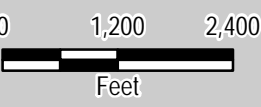
- Project Area
- NY County
- Hydric Soils
- Town Boundary

Drainage Class

- Well drained
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- Somewhat poorly drained
- Poorly drained
- Very poorly drained


— Roads





0 1,200 2,400
Feet

Sources: ESRI, TRC, NextEra, NYGIS, USDA




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Figure: 9 SSURGO Soils
in the Project Area

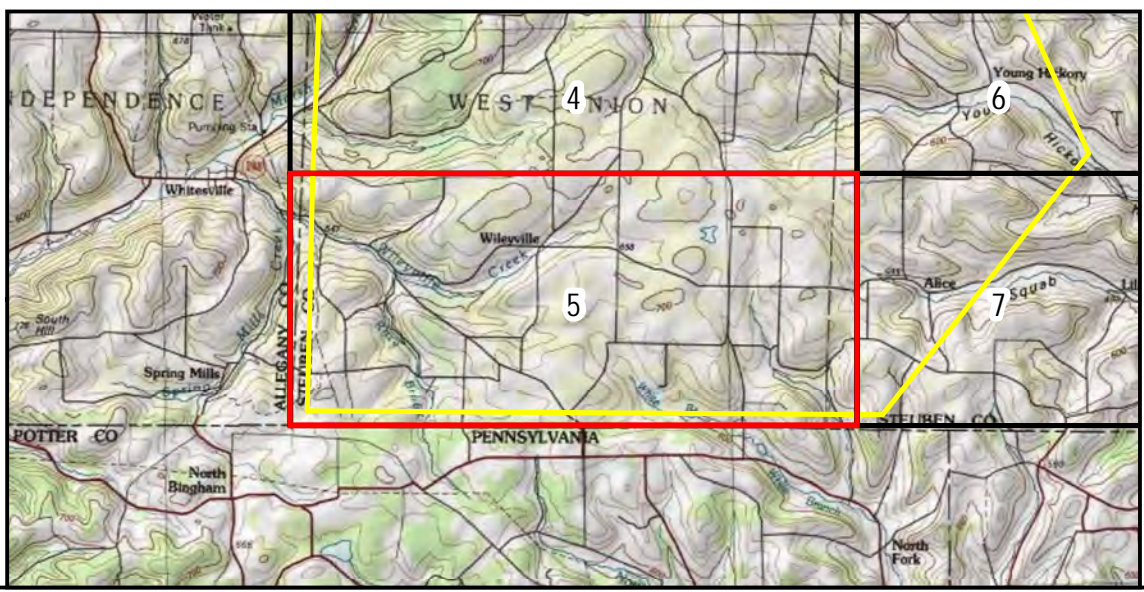
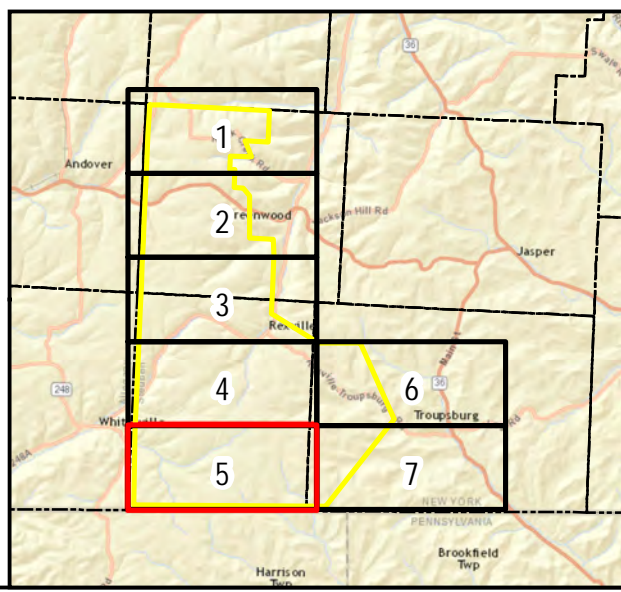
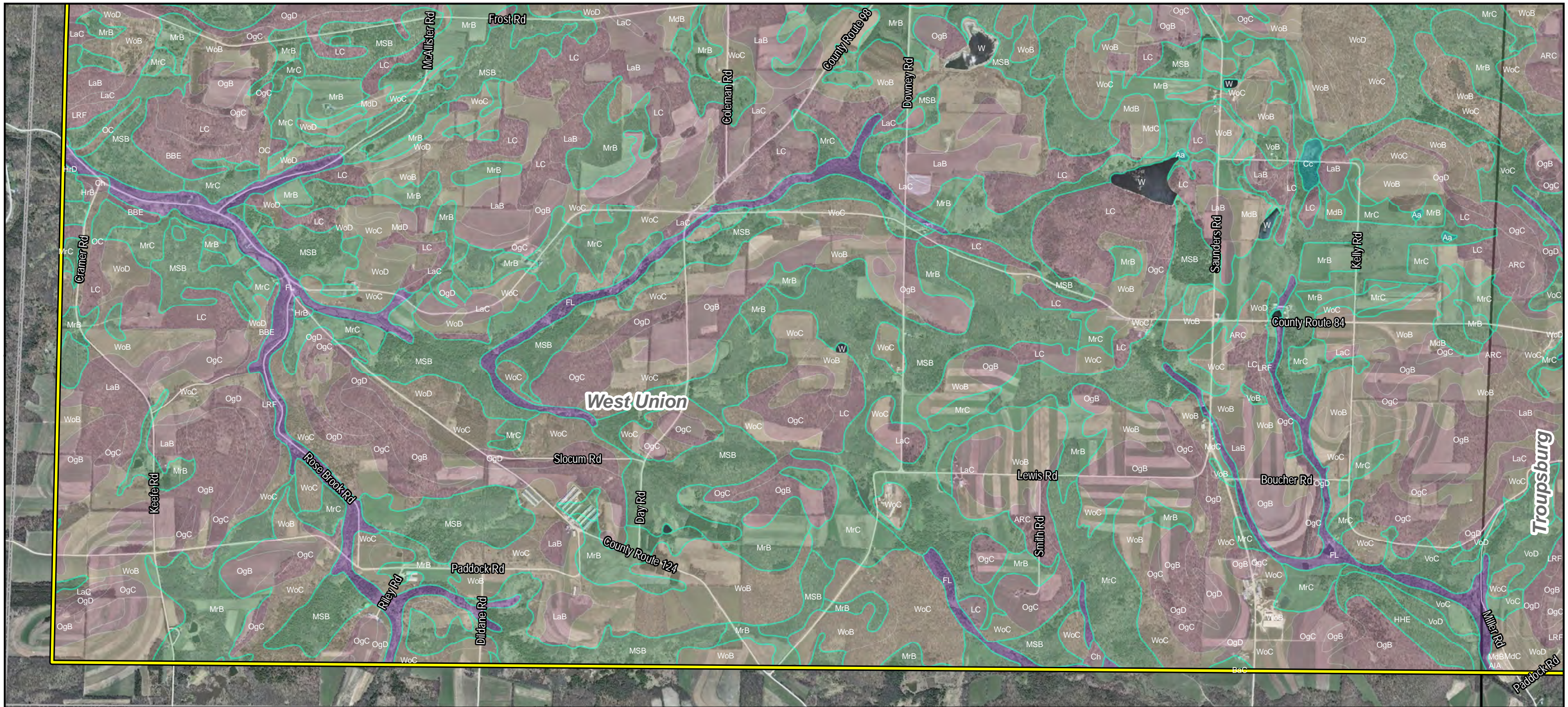
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LEGEND

- Project Area
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- Drainage Class
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0 1,200 2,400
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Sources: ESRI, TRC, NextEra, NYGIS, USDA



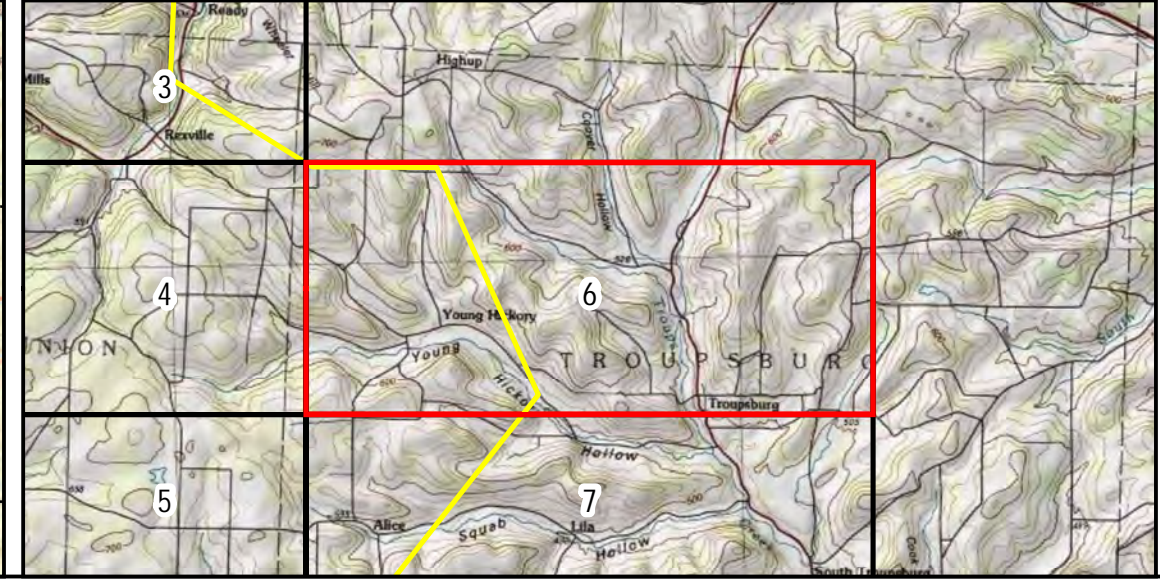
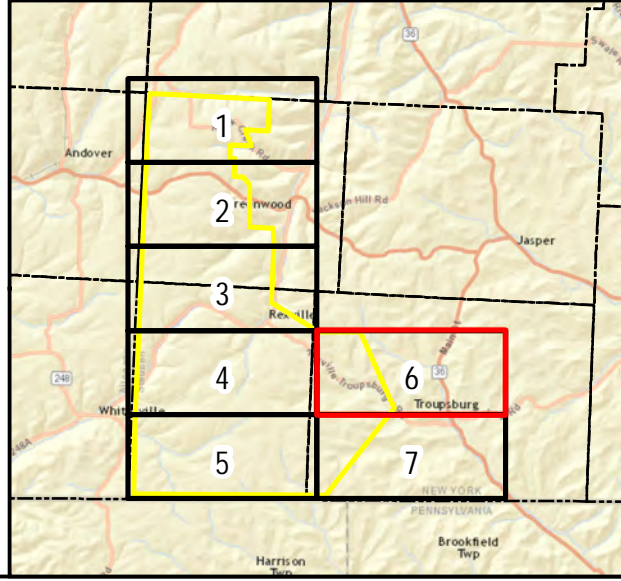
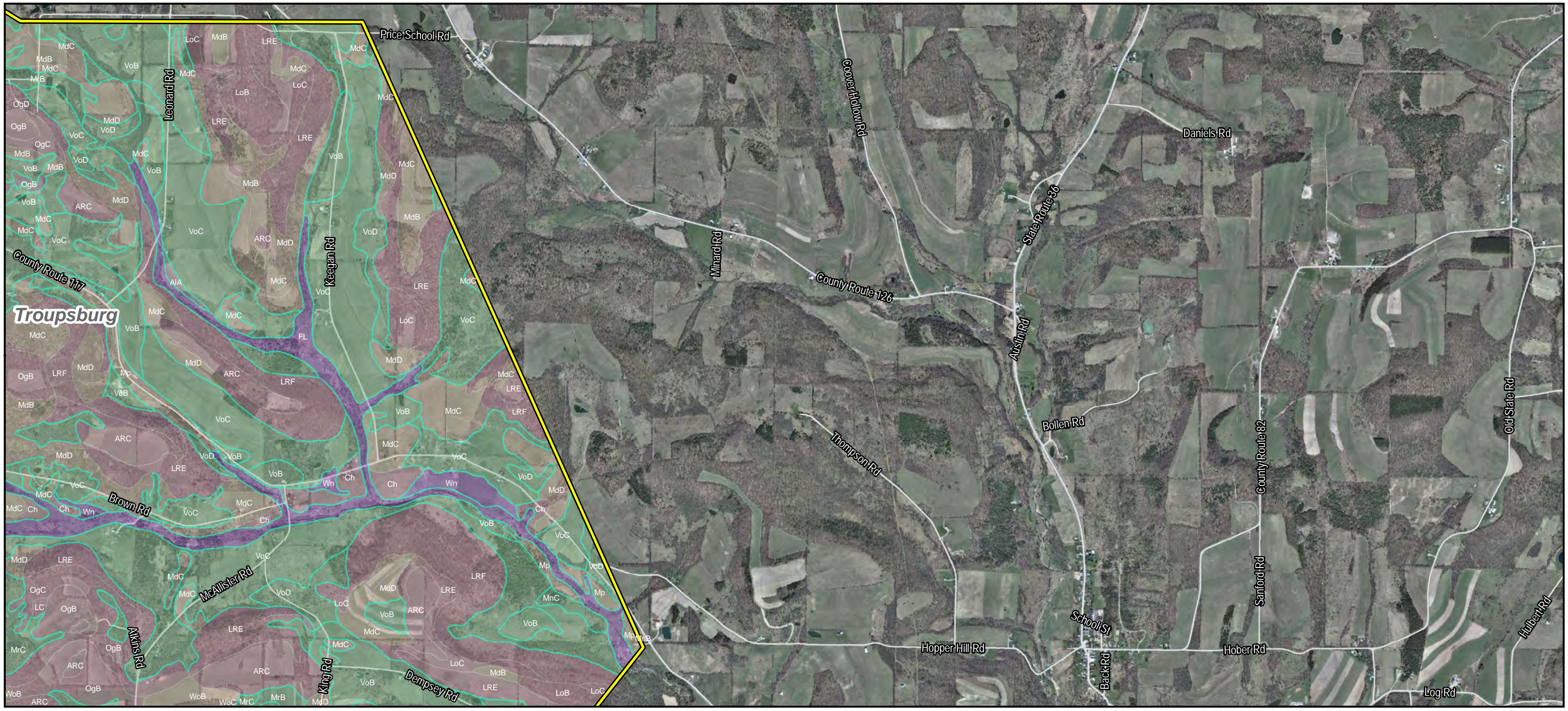
**Eight Point
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Figure: 9 SSURGO Soils
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Page 5 of 7 Revised: 9/16/2016




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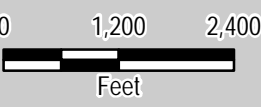
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LEGEND

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Sources: ESRI, TRC, NextEra, NYGIS, USDA




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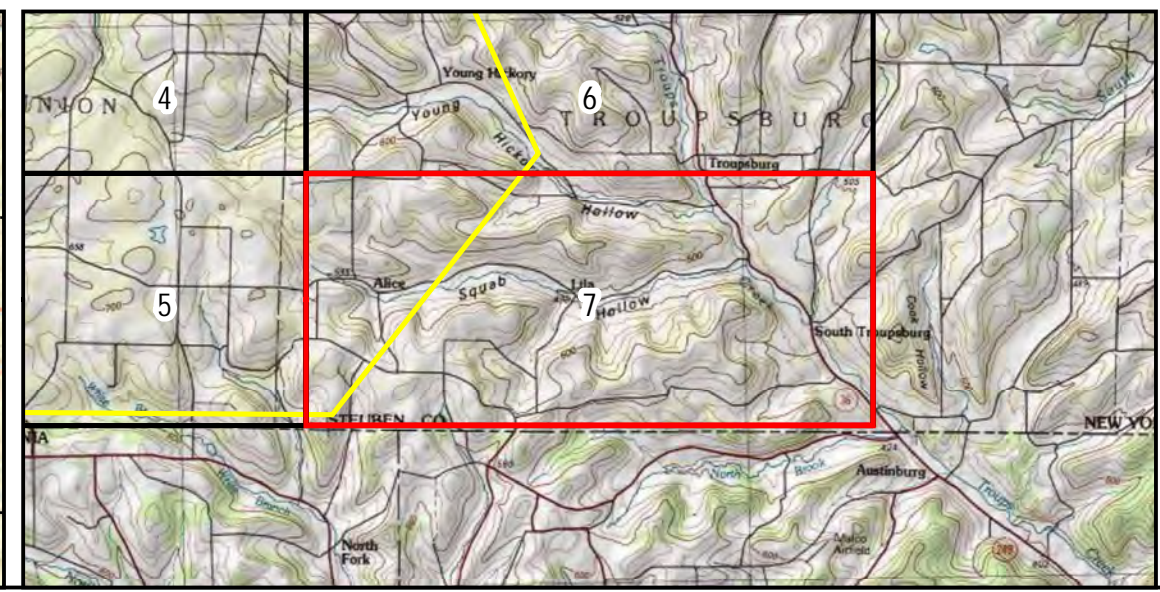
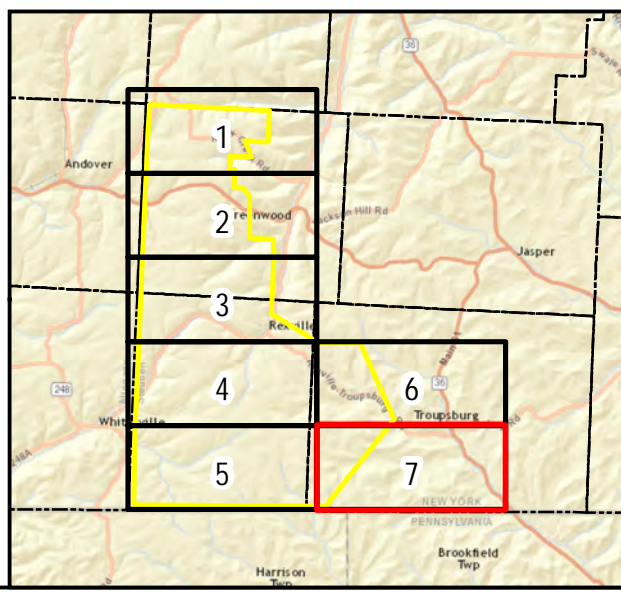
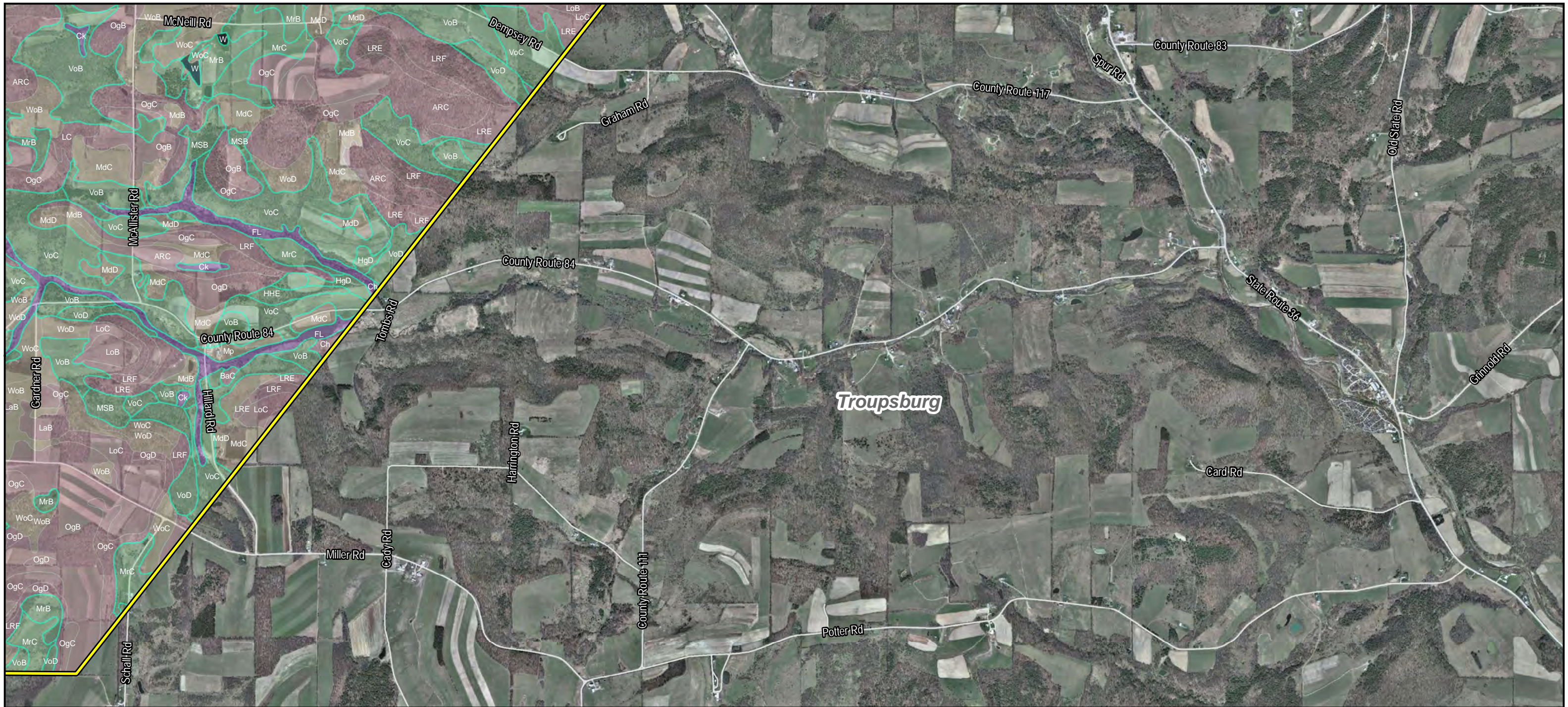
Page 6 of 7

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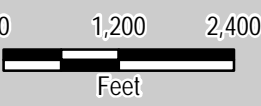
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LEGEND


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0 1,200 2,400
Feet

Sources: ESRI, TRC, NextEra, NYGIS, USDA




NextEra ENERGY RESOURCES

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Figure: 9 SSURGO Soils in the Project Area

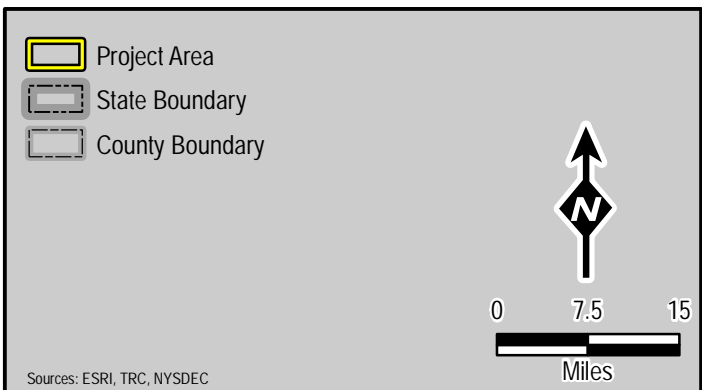
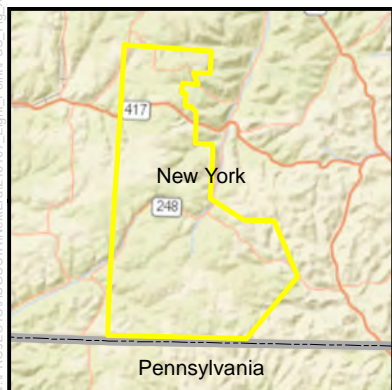
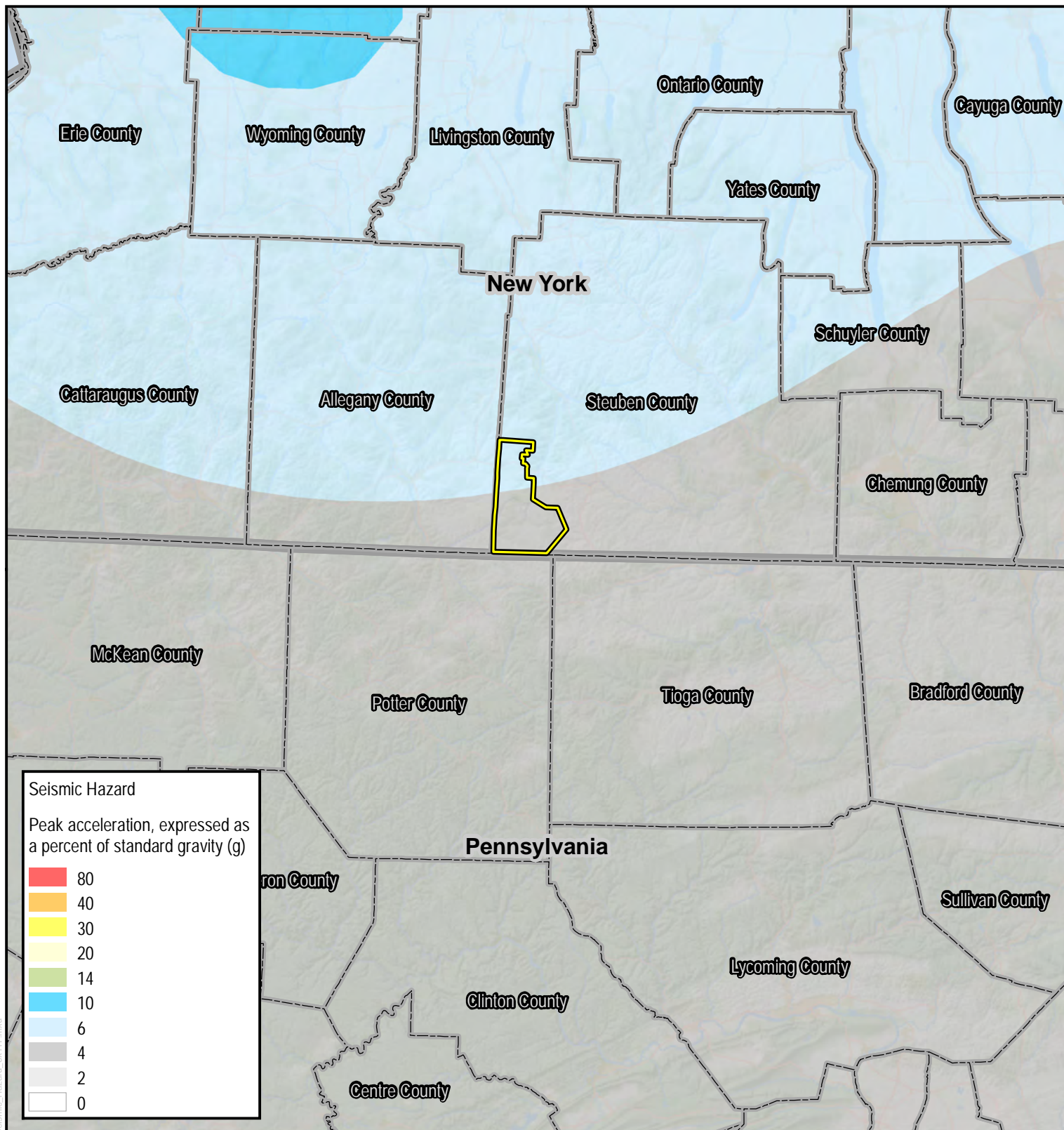
Page 7 of 7

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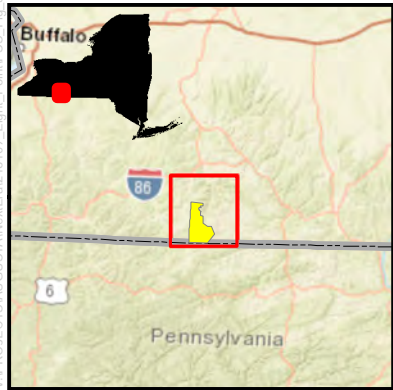
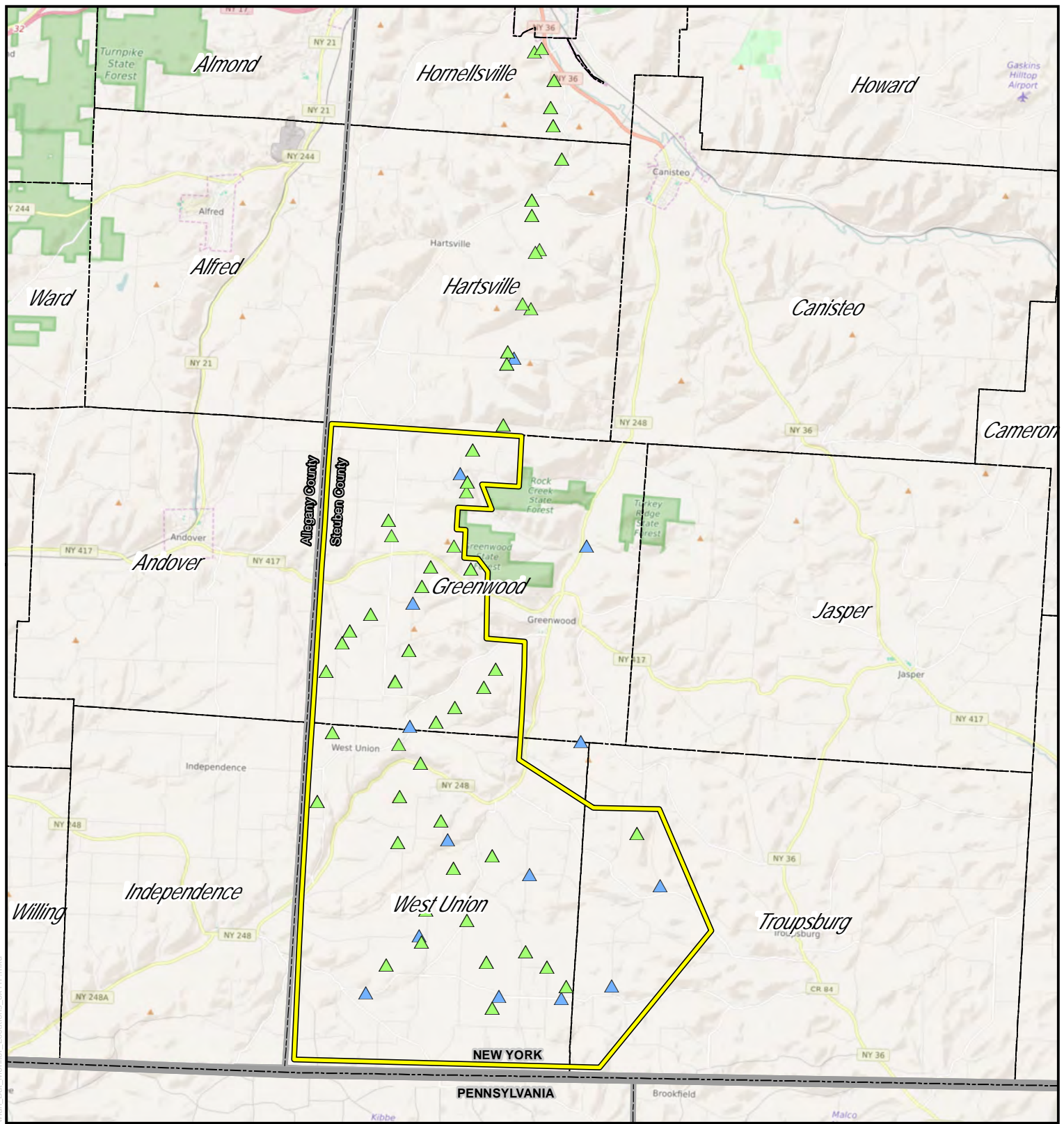
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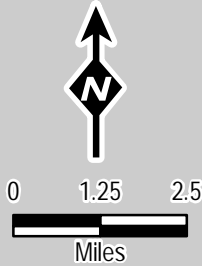
Figure 10: Seismic Hazard
2% Probability of Exceedance in 50yrs

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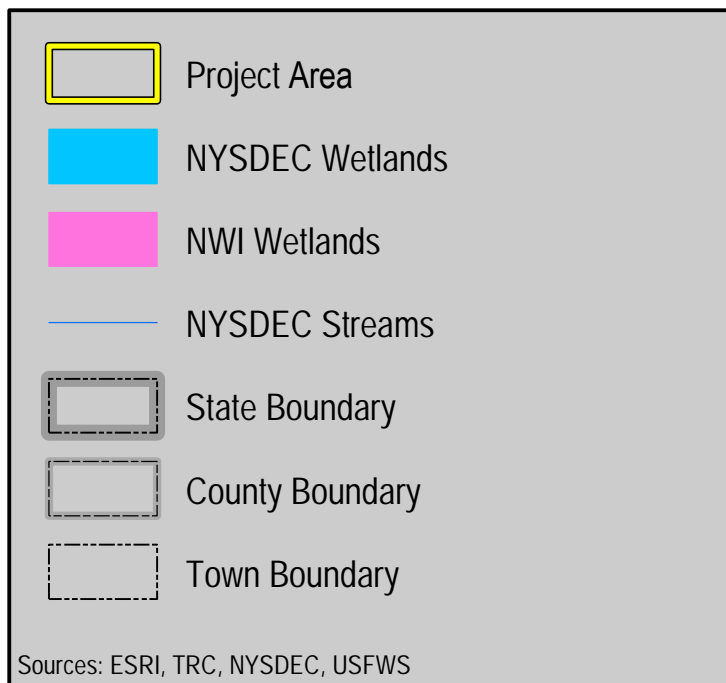
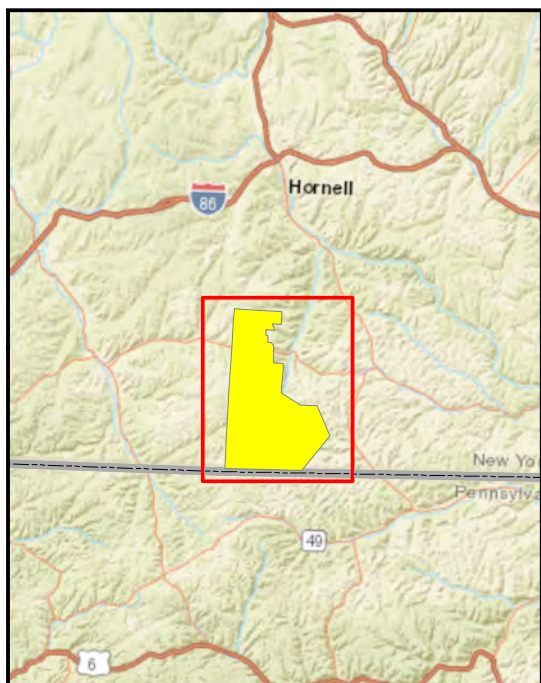
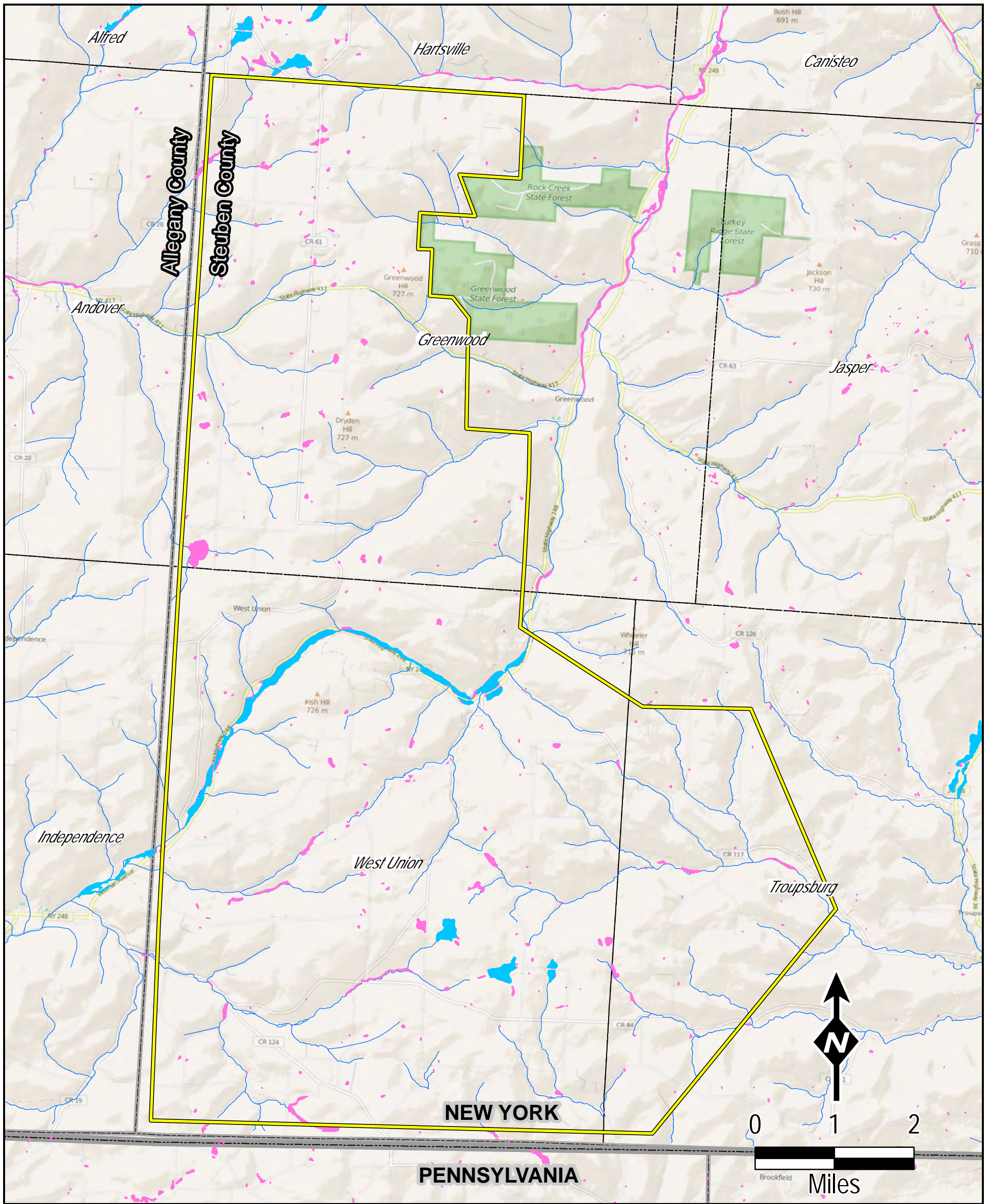
-  Project Area
-  Bat Monitoring Locations
-  Eagle Monitoring Locations
-  State Boundary
-  County Boundary
-  Town Boundary

Sources: ESRI, TRC, NYSGIS



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Figure 11: Avian and
Bat Monitor Locations

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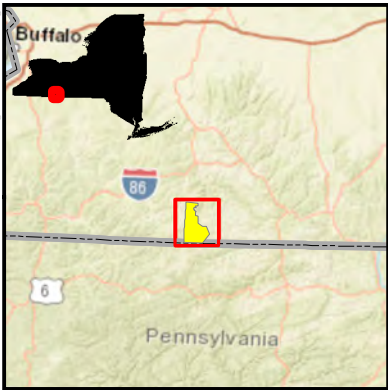
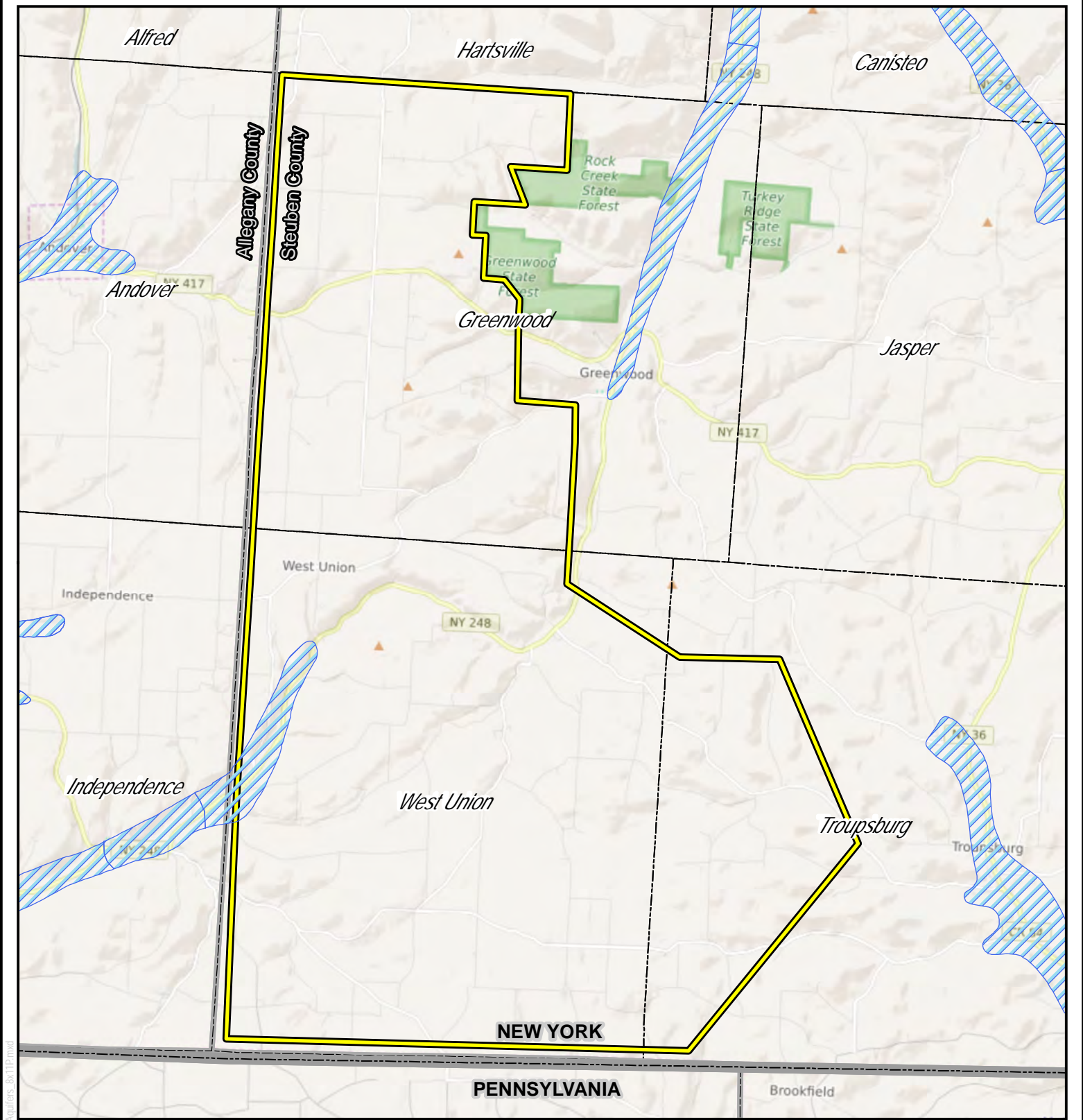


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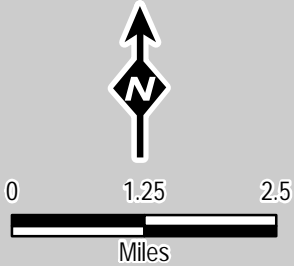
Figure 12: Mapped Wetlands and Waterbodies

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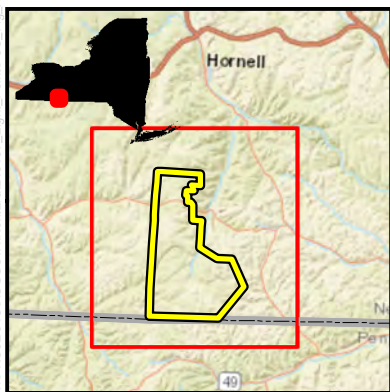
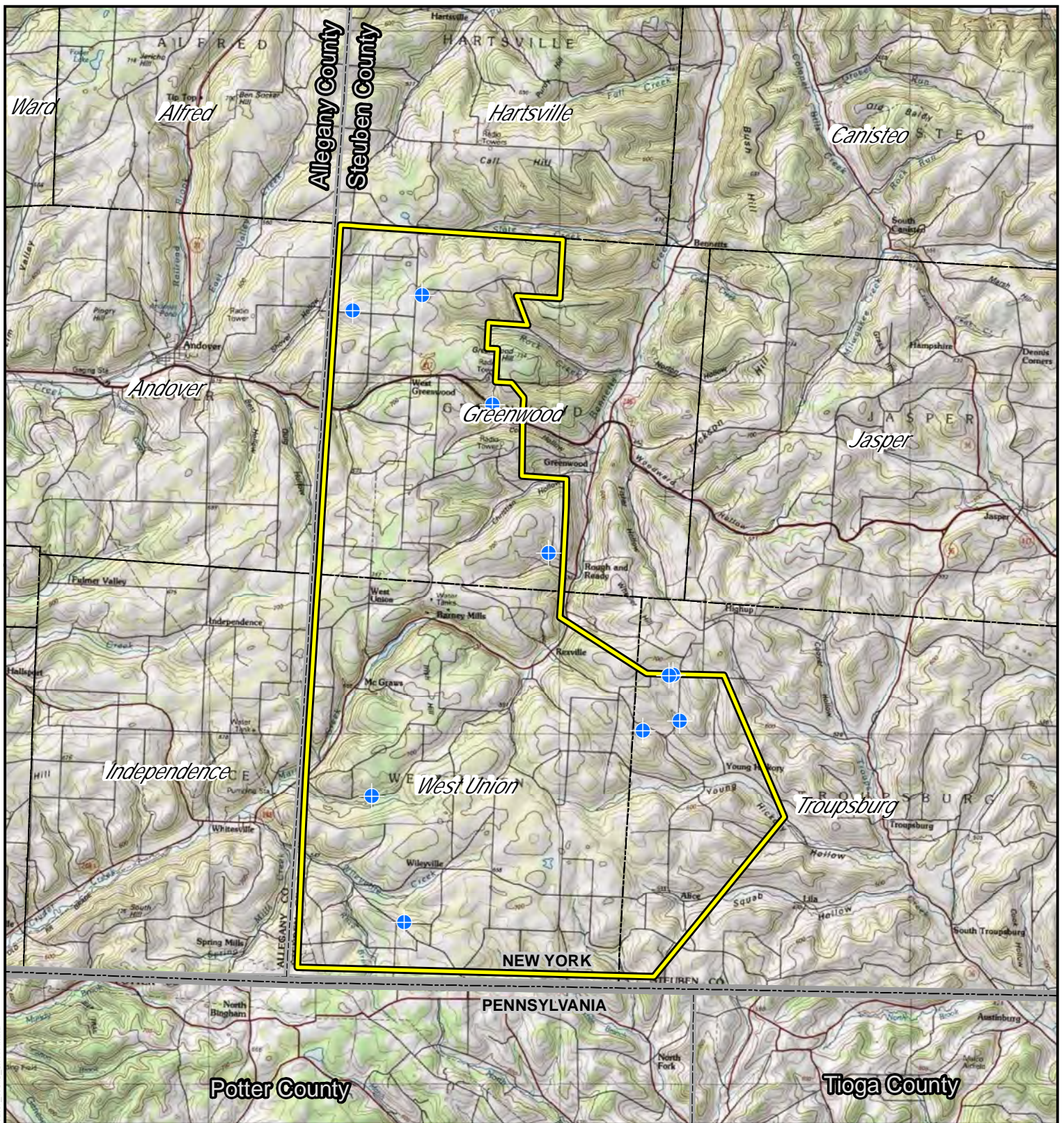







-  Project Area
-  Unconsolidated Aquifers
-  State Boundary
-  County Boundary
-  Town Boundary

Sources: ESRI, TRC, NYSDEC



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Figure 13: Groundwater Aquifers



-  Project Area
-  Water Wells
-  State Boundary
-  County Boundary
-  Town Boundary

Sources: ESRI, TRC, NextEra, NYGIS



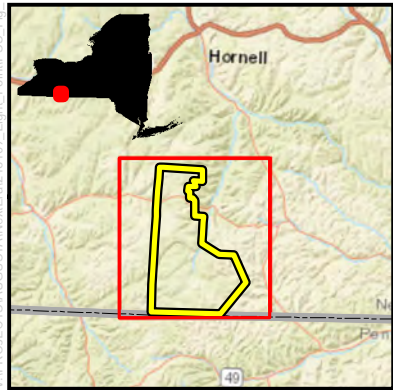
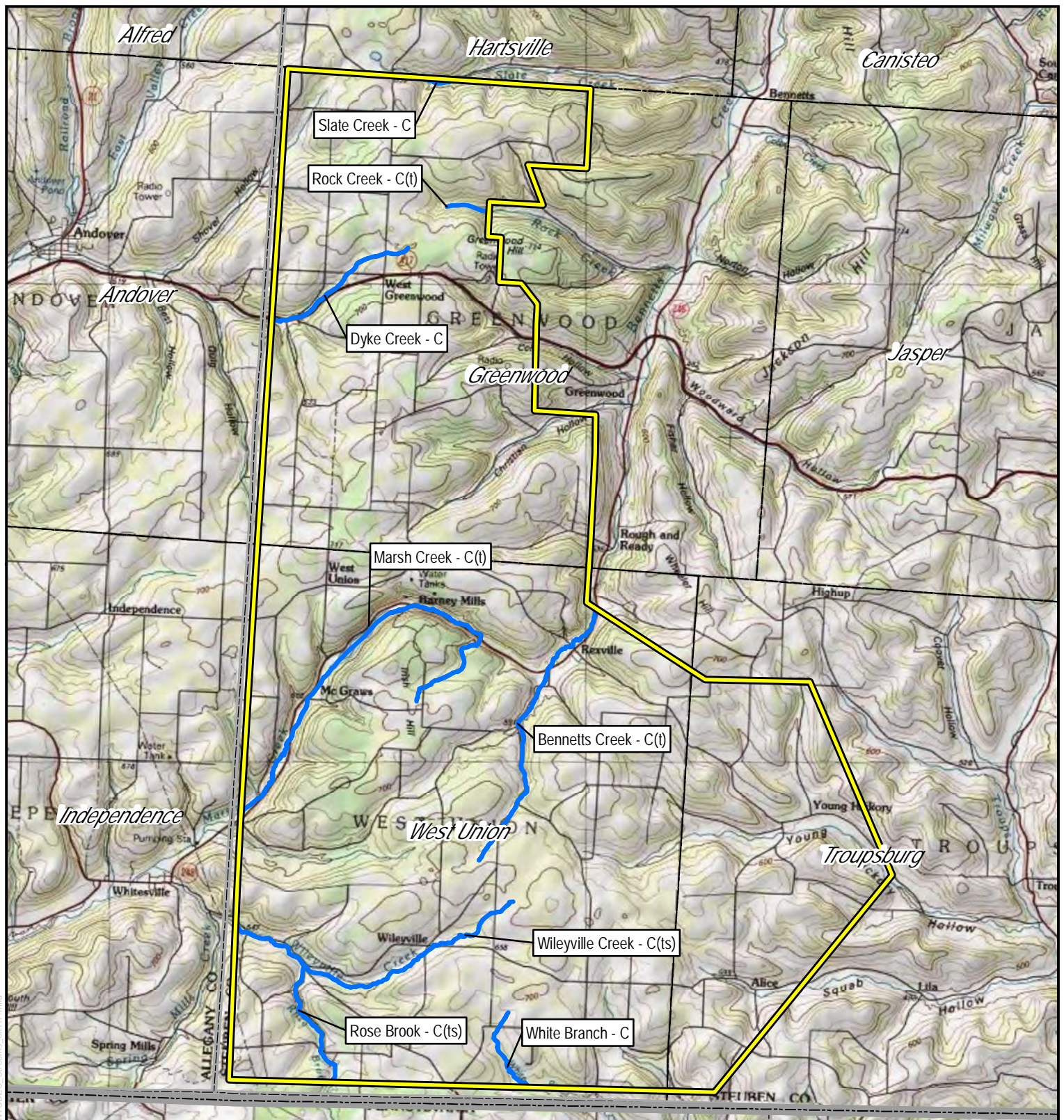
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



Figure14: Water Wells
in the Project Area


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10 Maxwell Dr # 200
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-  Project Area
-  Classified NYSDEC Streams
-  State Boundary
-  County Boundary
-  Town Boundary





0 1 2
Miles


Sources: ESRI, TRC, NextEra, NYSDEC



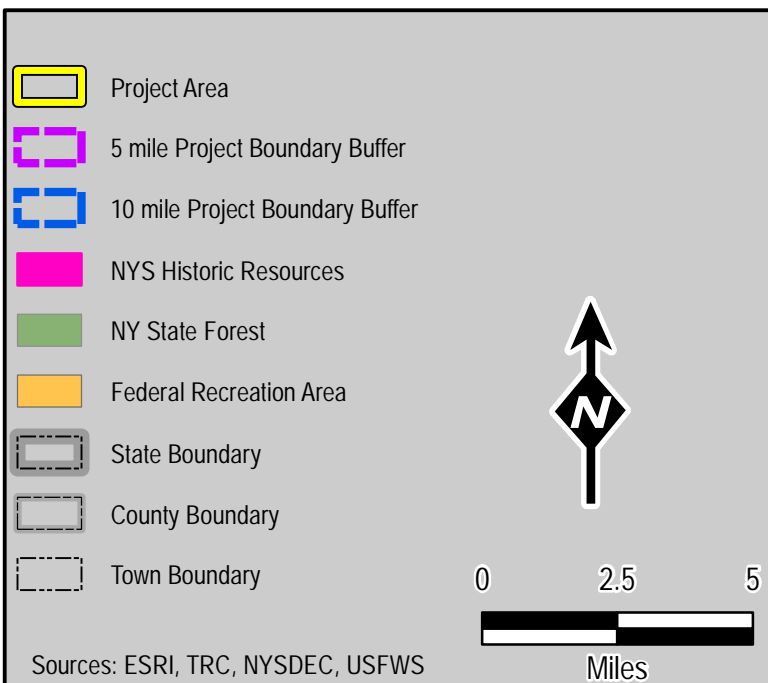
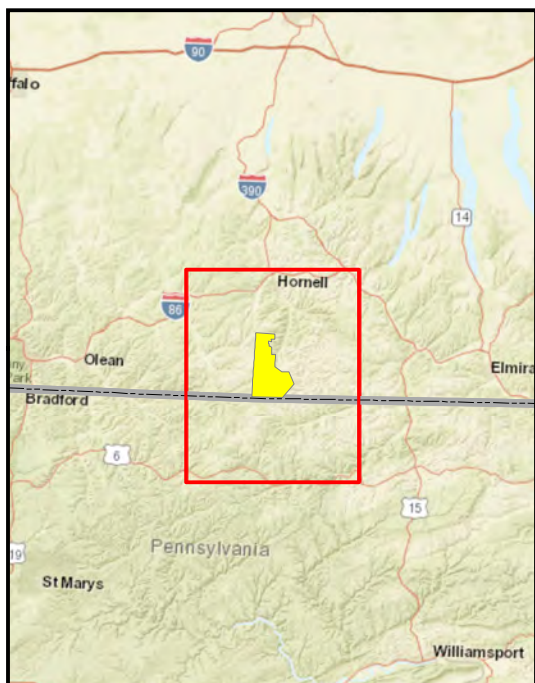
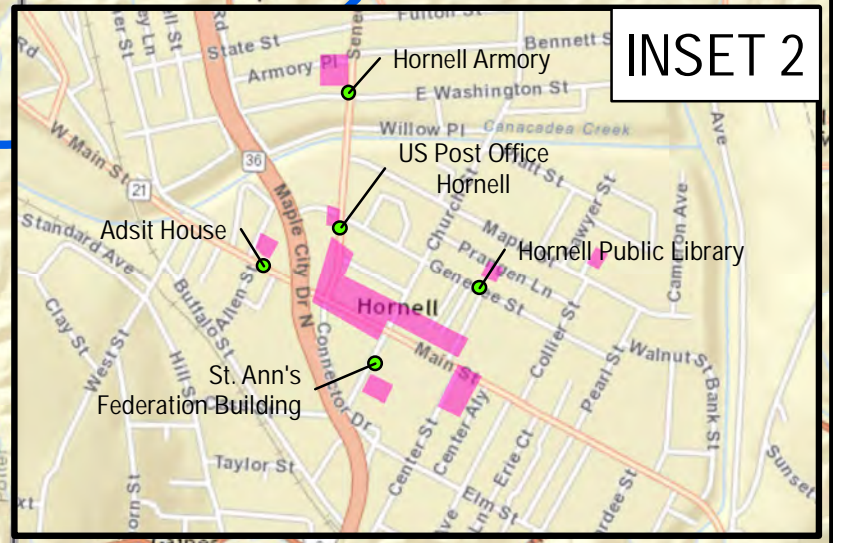
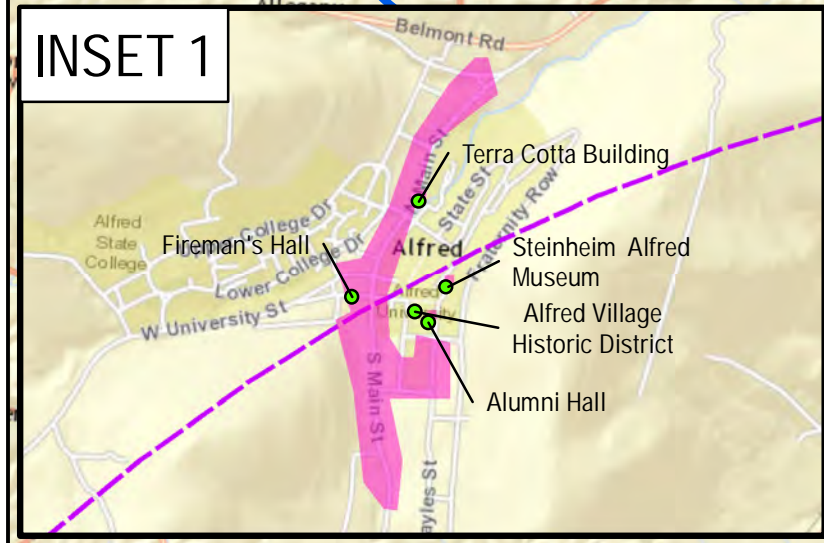
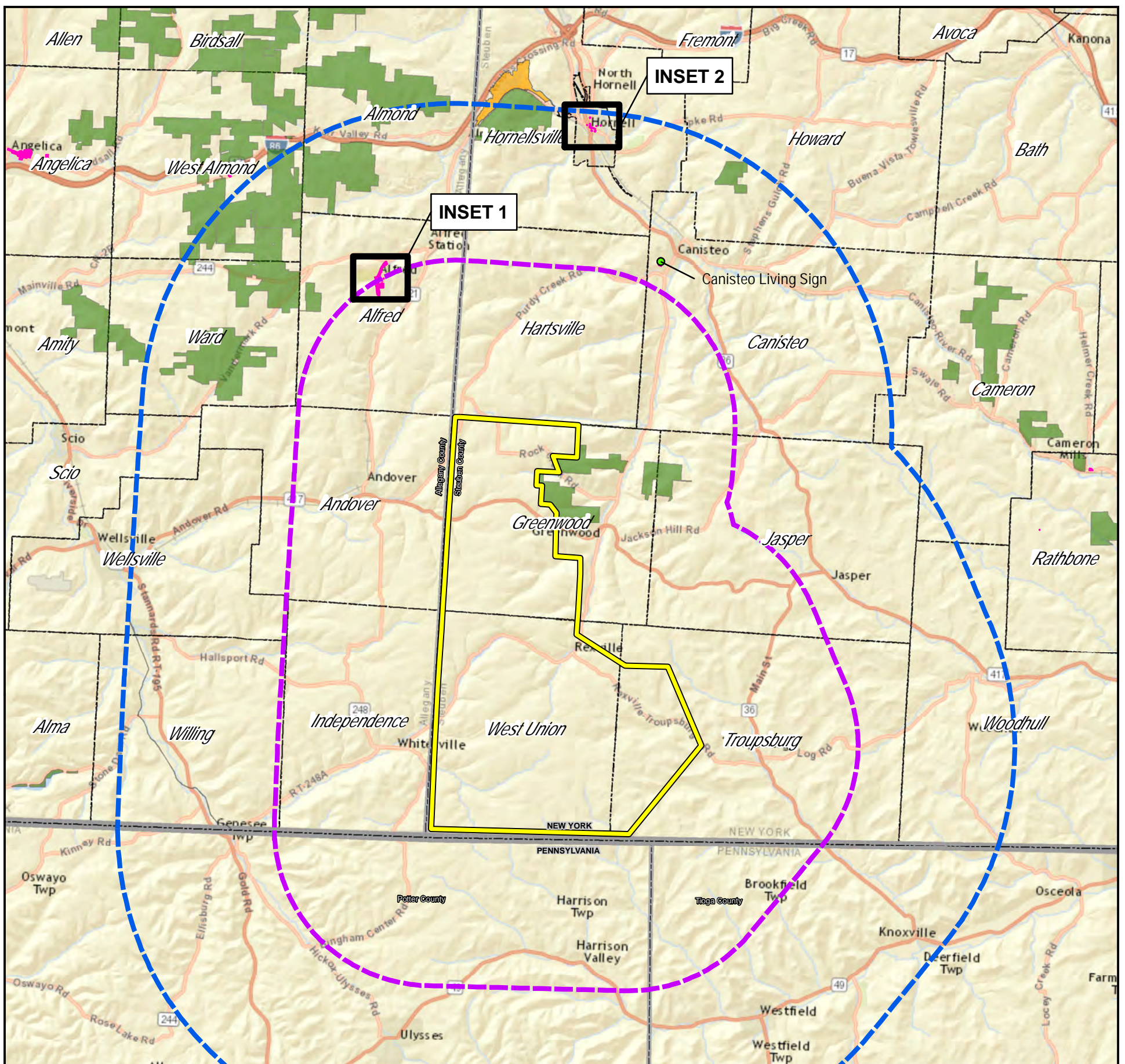
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Figure 15: Classified DEC Streams
within the Project Area

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10 Maxwell Dr # 200
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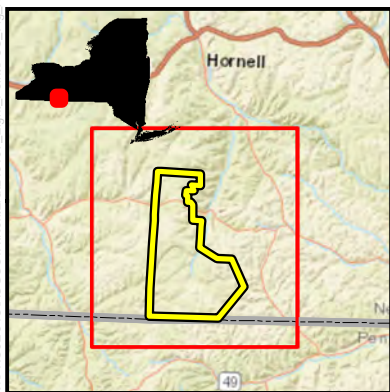
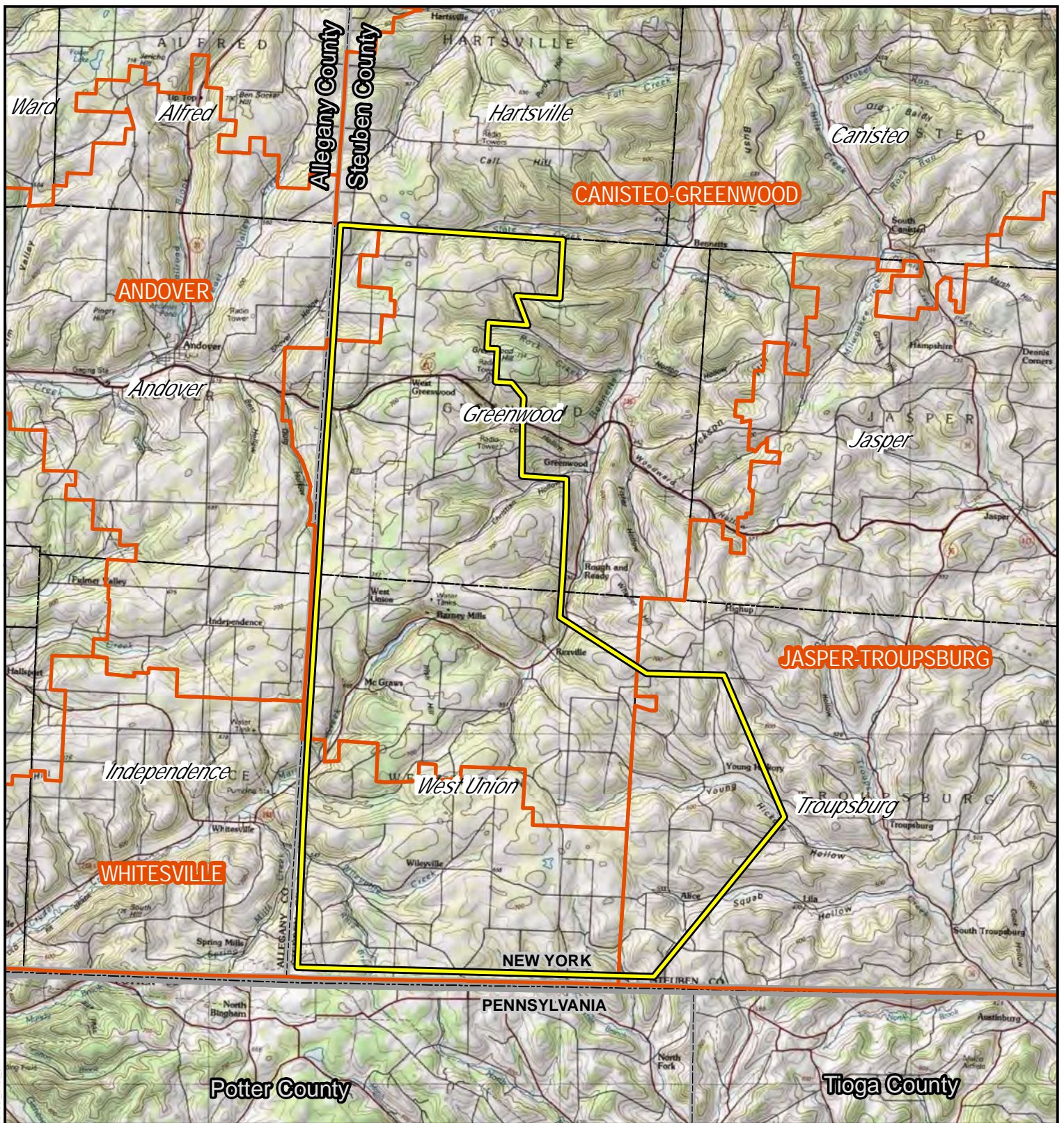







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Figure 16: Visually Sensitive Receptors

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-  Project Area
-  NY School Districts
-  State Boundary
-  County Boundary
-  Town Boundary

Sources: ESRI, TRC, NextEra, USGS



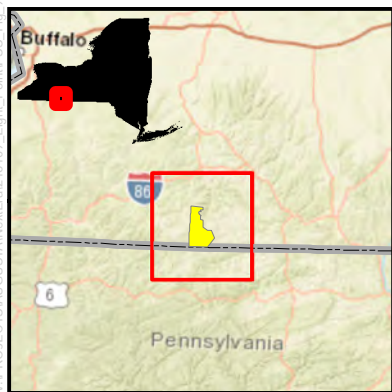
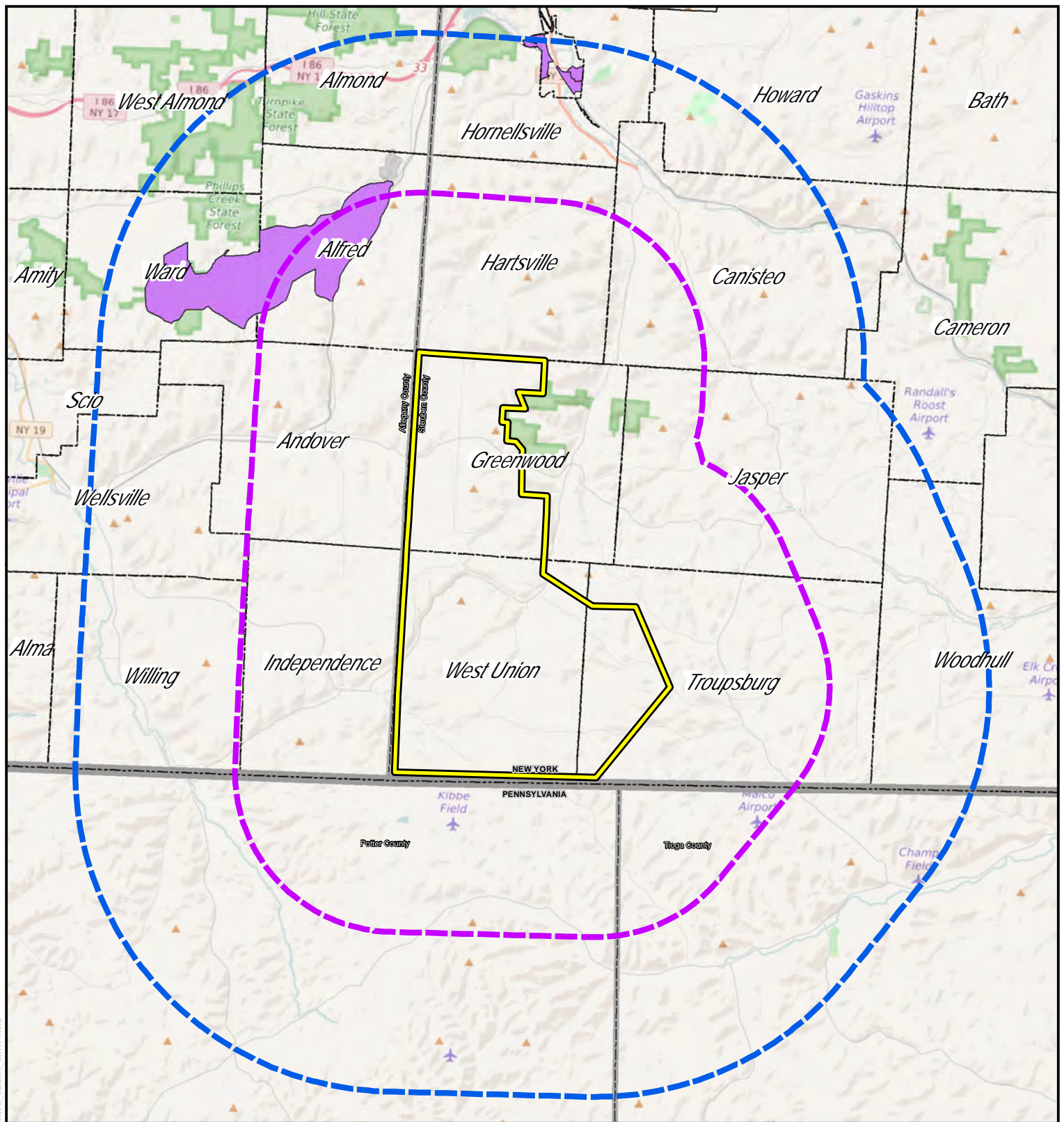
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


Figure 17: New York School Districts in the Project Area

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-  Project Area
-  5 mile Project Boundary Buffer
-  10 mile Project Boundary Buffer
-  Potential Environmental Justice Areas
-  State Boundary
-  County Boundary
-  Town Boundary

Sources: ESRI, TRC, NYSDEC



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Figure 18: Potential
Environmental Justice Areas

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