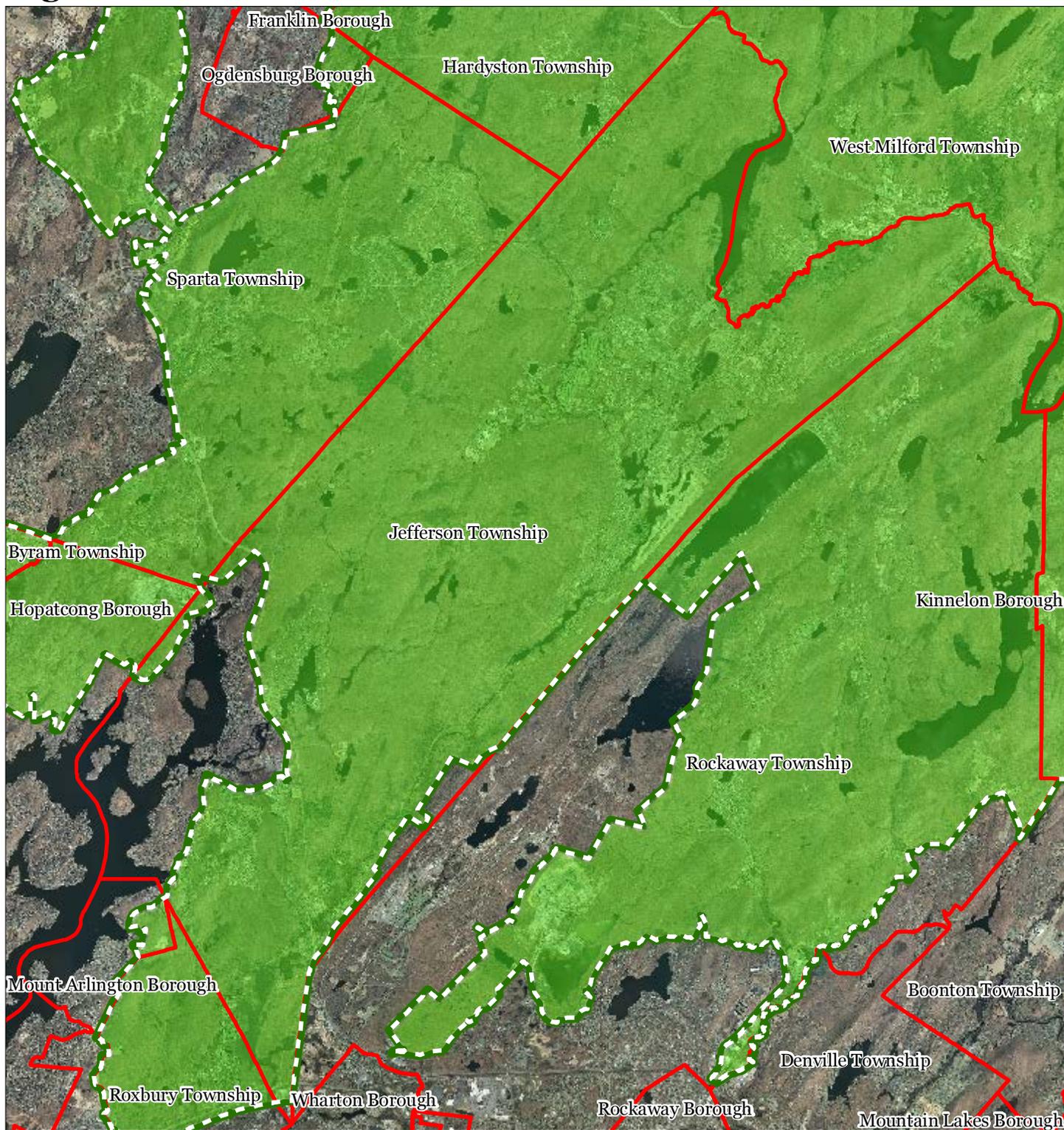


Figure 1: Preservation Area



-  Preservation Area
-  Municipal Boundaries

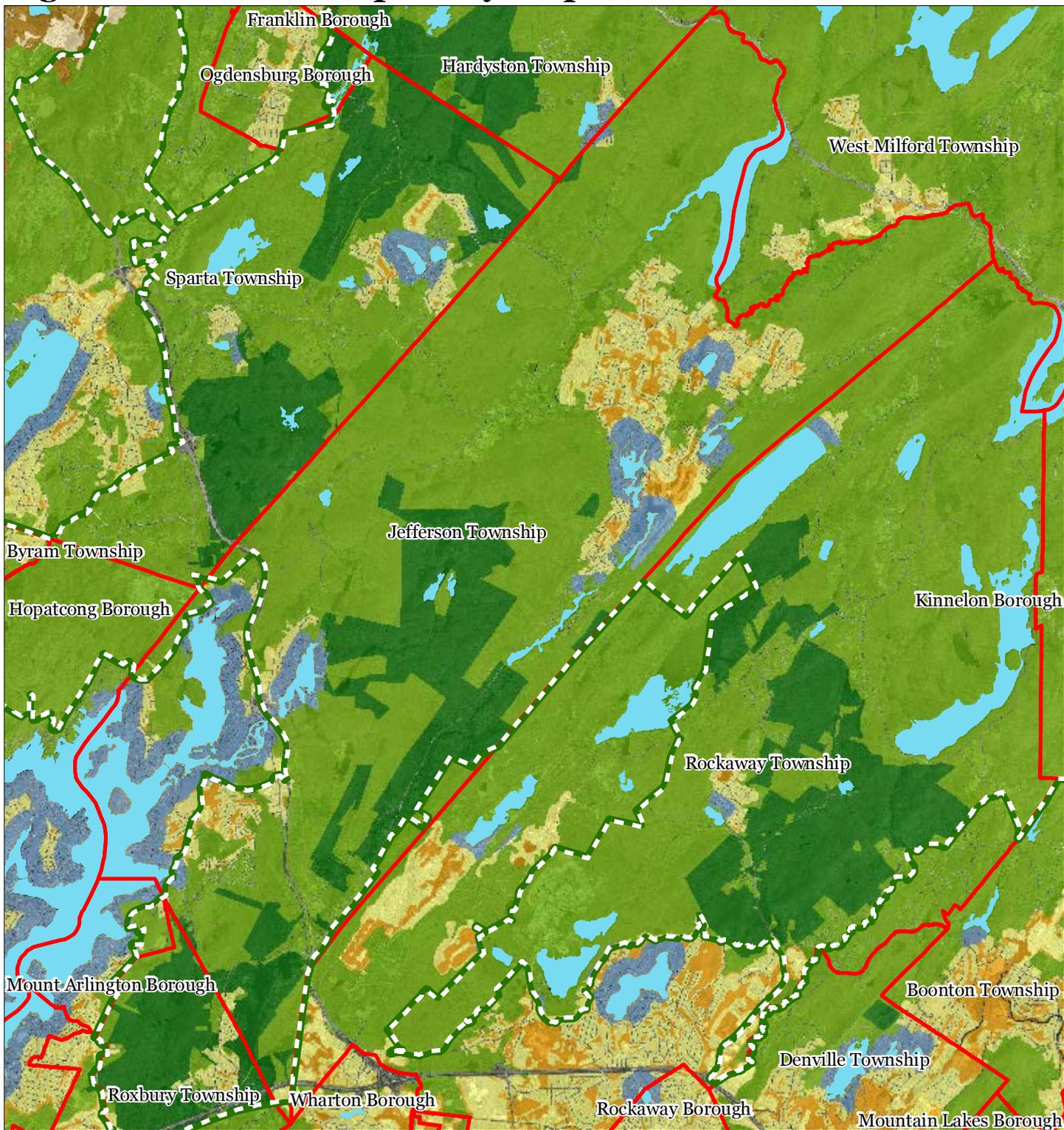
Jefferson Township



1 inch = 1.5 miles



Figure 2: Land Use Capability Map Zones



Regional Master Plan Overlay Zone Designation

- Zone
- Protection
 - Conservation
 - Existing Community
 - Lakes Greater Than 10 acres
 - Preservation Area
 - Municipal Boundaries
- Sub-Zone
- Existing Community Environmentally Constrained
 - Conservation Environmentally Constrained
 - Lake Community
 - Wildlife Management

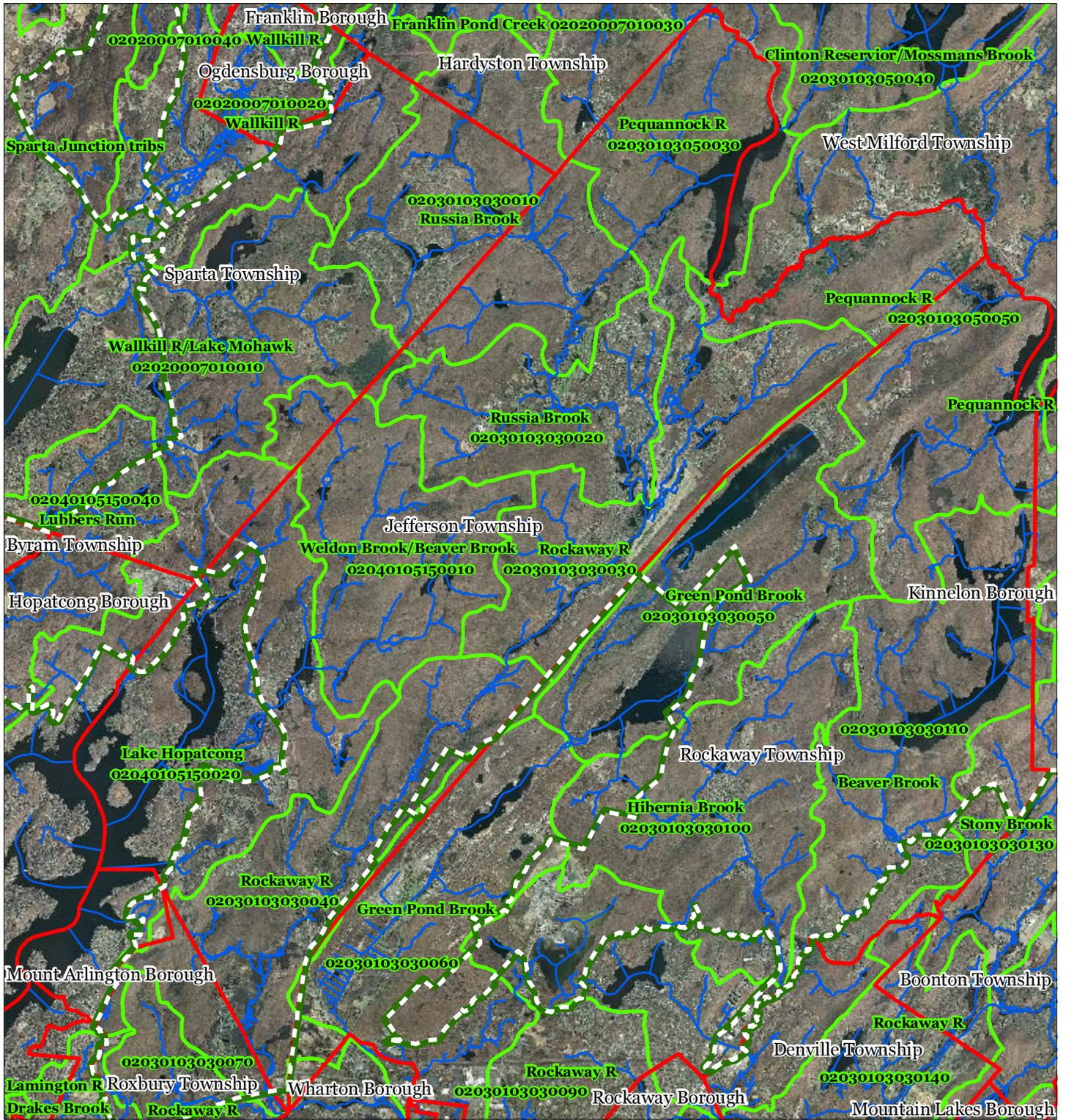
Jefferson Township



1 inch = 1.5 miles

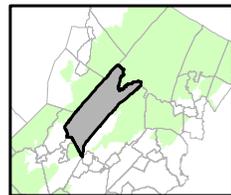
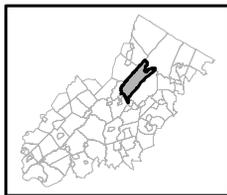


Figure 3: HUC 14 Boundaries



-  HUC 14 Subwatersheds
-  Stream Centerlines
-  Preservation Area
-  Municipal Boundaries

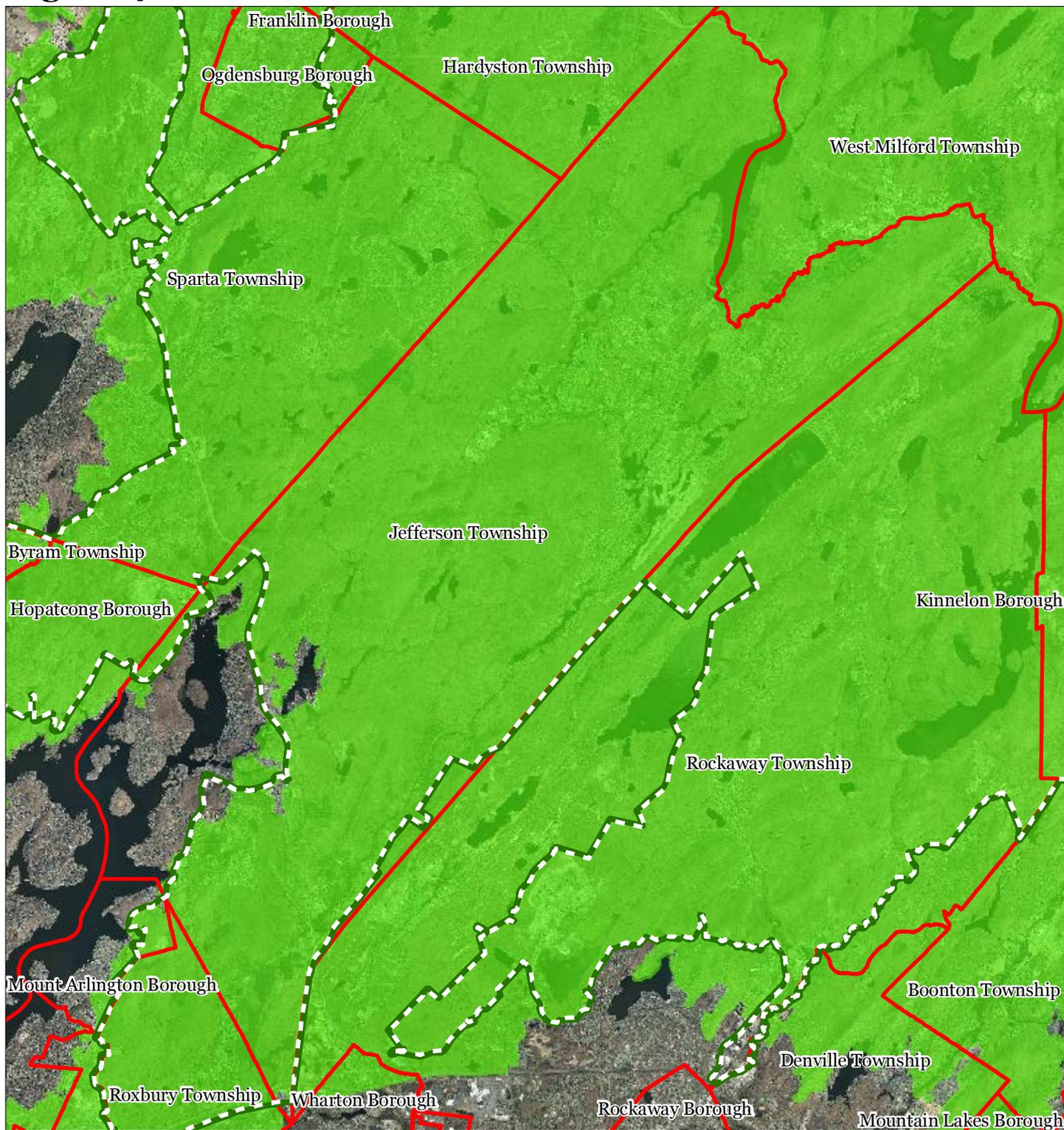
Jefferson Township



1 inch = 1.5 miles



Figure 4: Forest Resource Area



- Forest Resource Area
- Preservation Area
- Municipal Boundaries

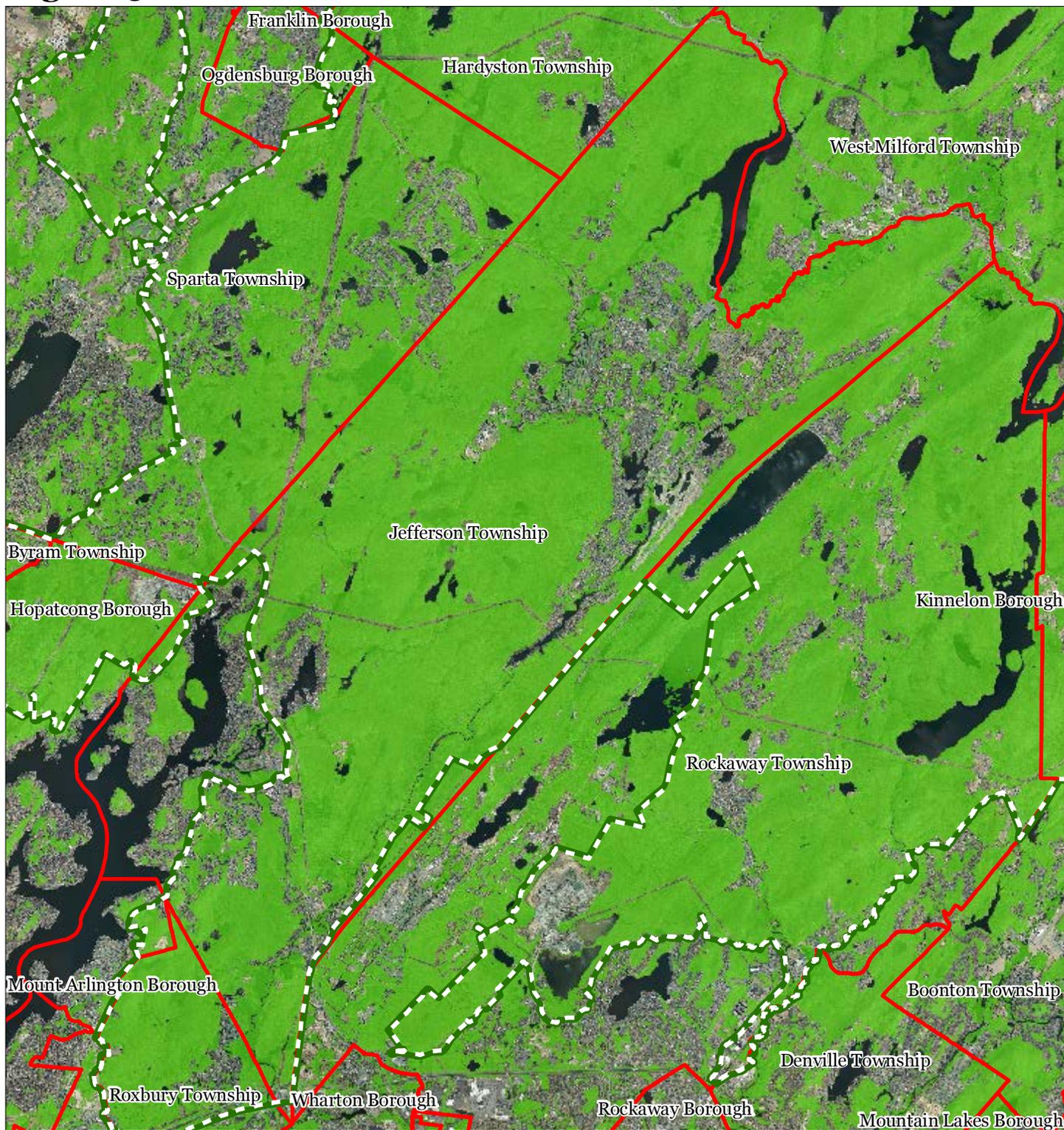
Jefferson Township



1 inch = 1.5 miles

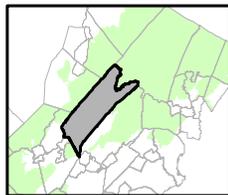
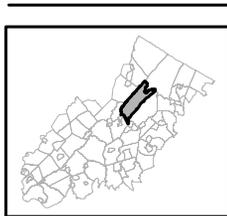


Figure 5: Total Forest Area



-  Forested Areas
-  Preservation Area
-  Municipal Boundaries

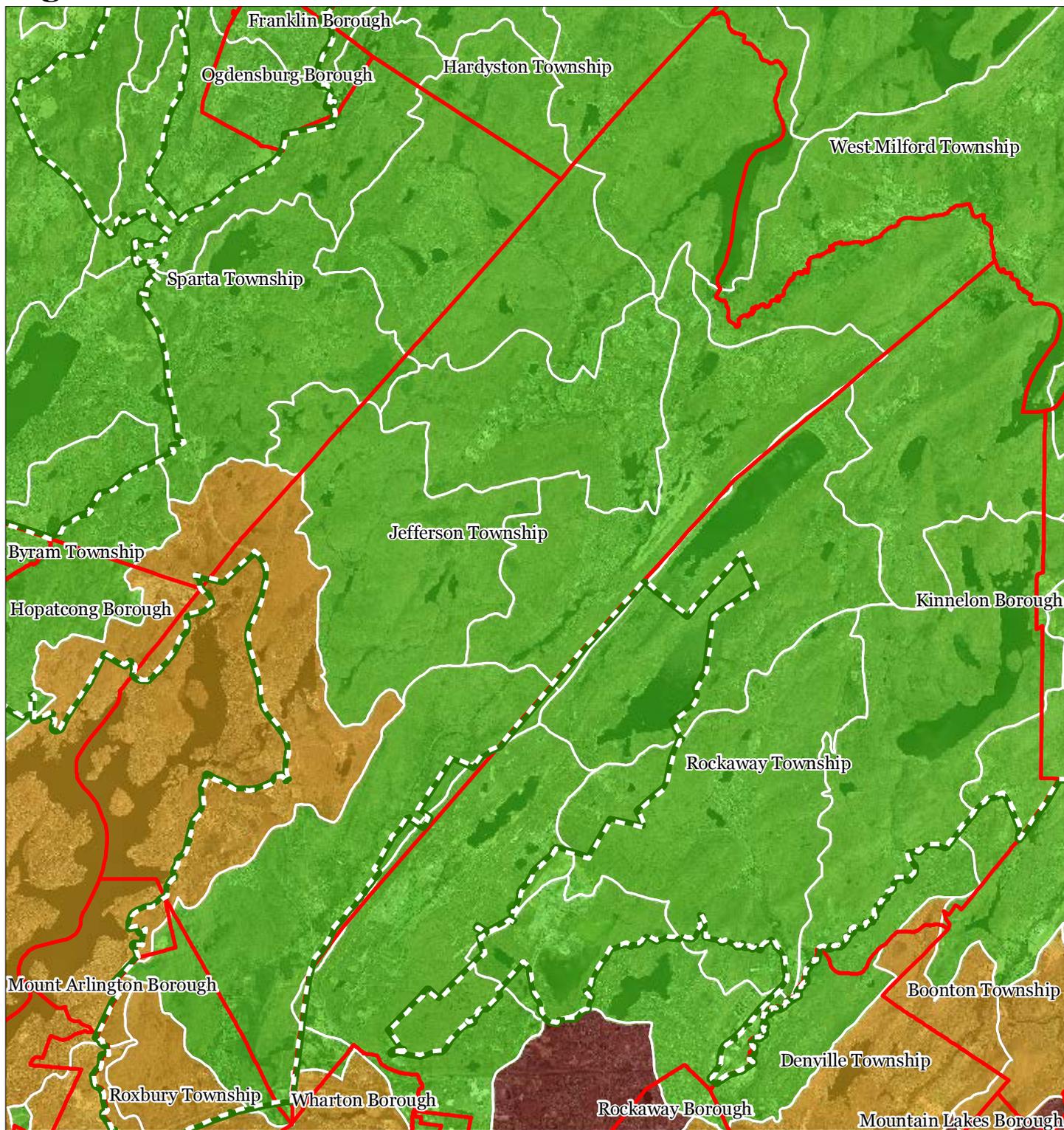
Jefferson Township



1 inch = 1.5 miles



Figure 6: Forest Subwatersheds



Forest Integrity by HUC14 Subwatershed

-  Low
-  Moderate
-  High
-  Preservation Area
-  Municipal Boundaries

Jefferson Township

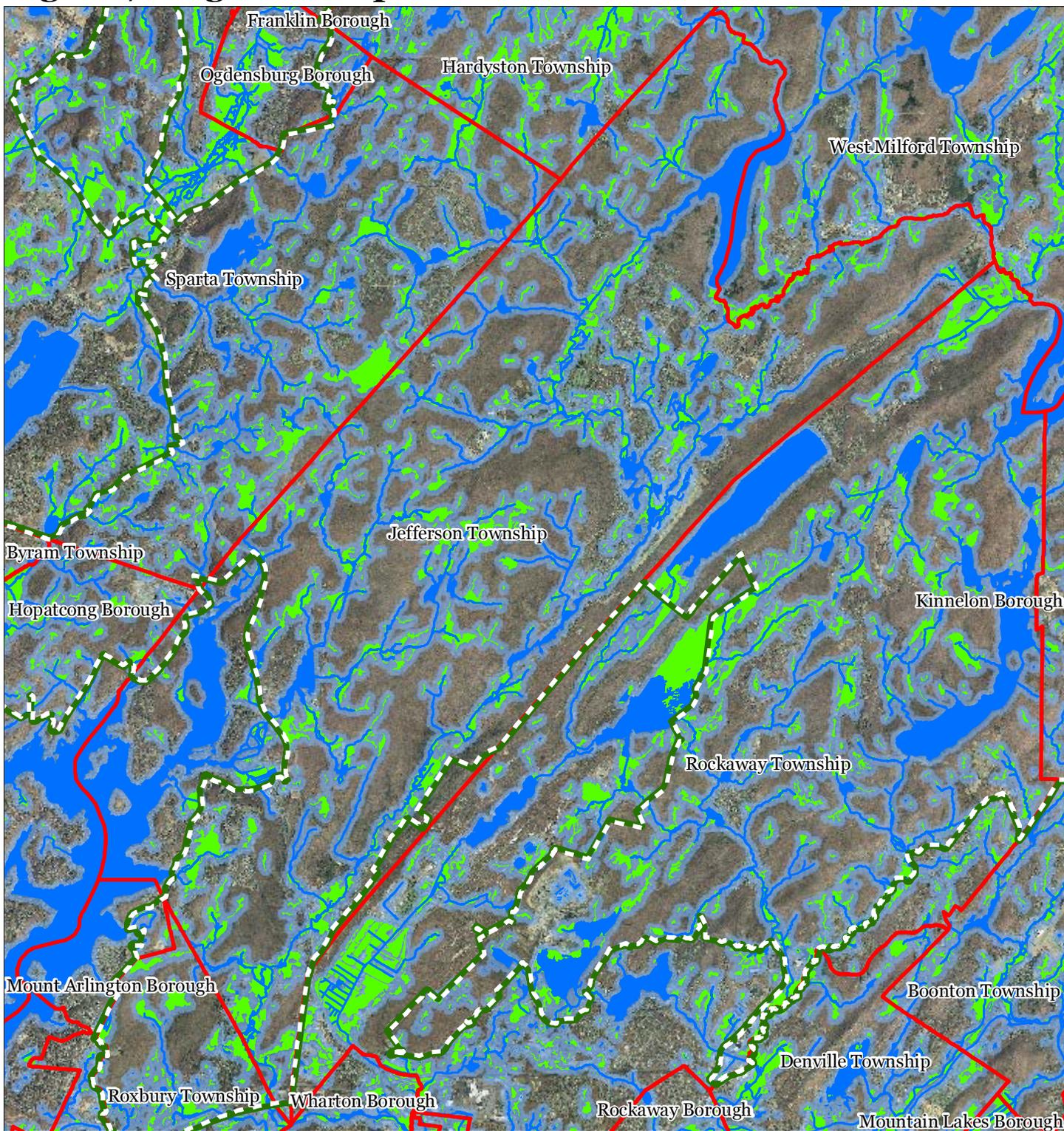


1 inch = 1.5 miles



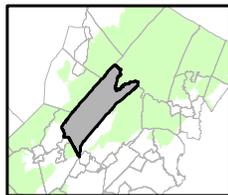
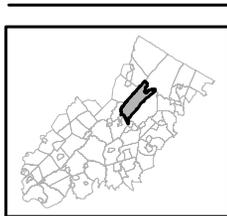
April 2012

Figure 7: Highlands Open Waters



-  Highlands Open Water Buffers (300ft)
-  Streams
-  Wetlands
-  Lakes & Ponds
-  Preservation Area
-  Municipal Boundaries

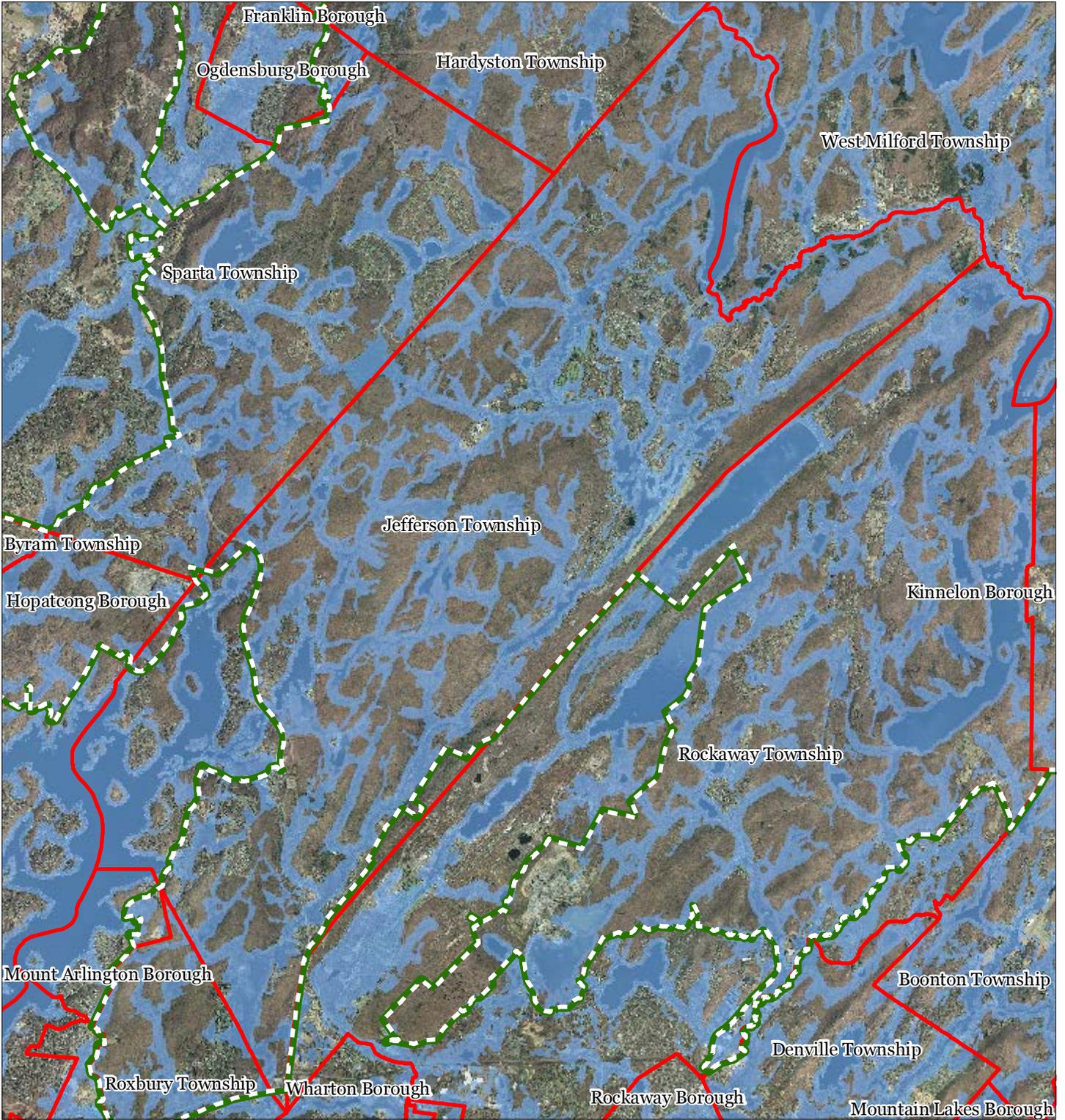
Jefferson Township



1 inch = 1.5 miles

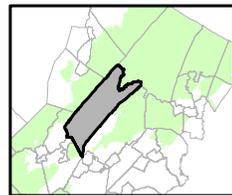
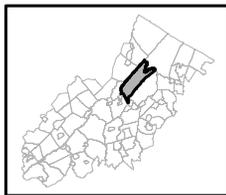


Figure 8: Highlands Riparian Areas



- Riparian Area
- Preservation Area
- Municipal Boundaries

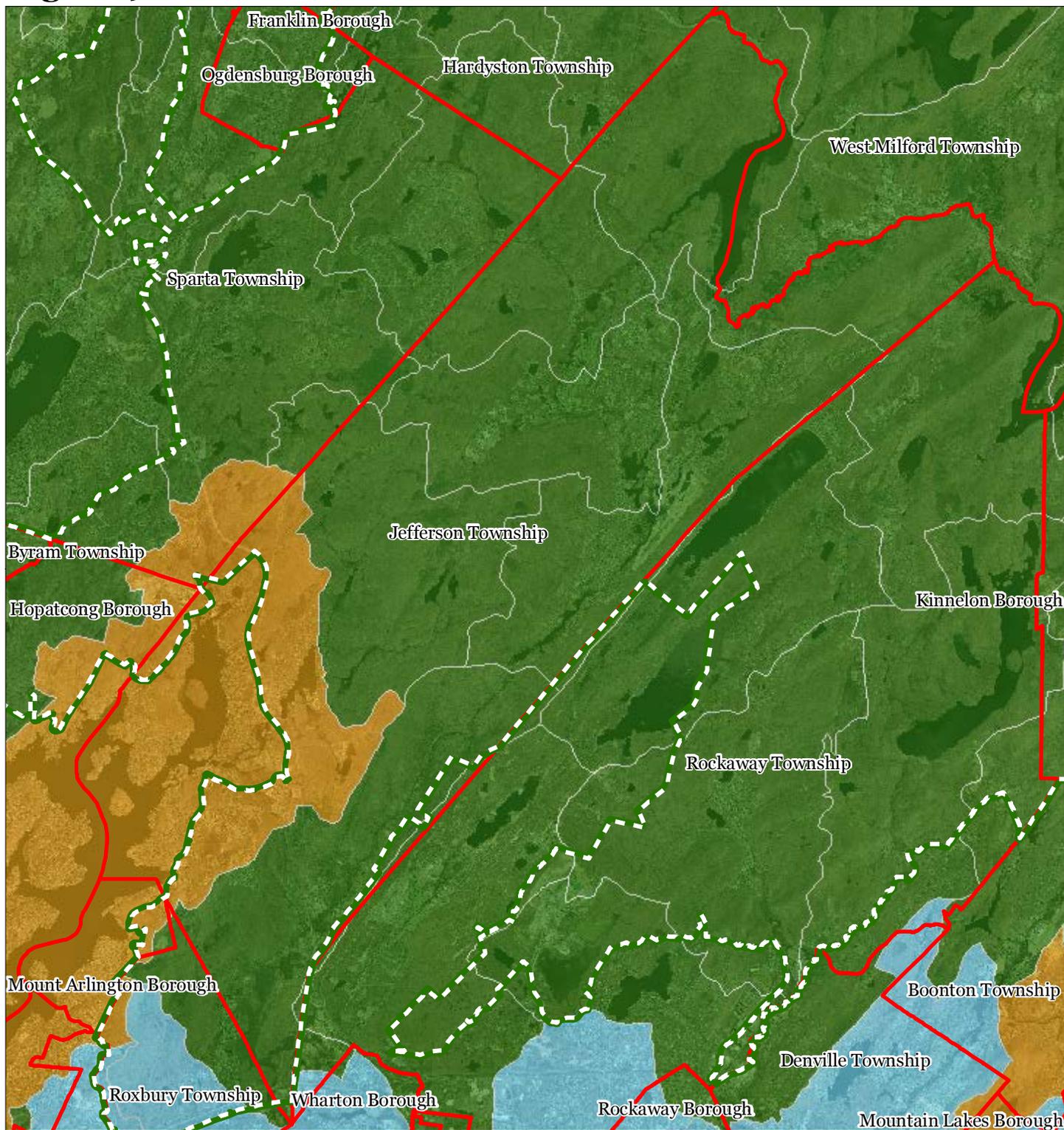
Jefferson Township



1 inch = 1.5 miles



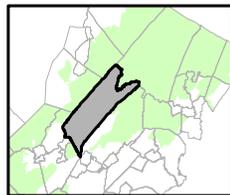
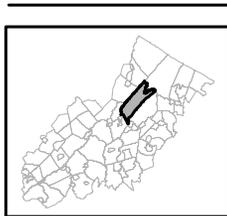
Figure 9: Watershed Values



Watershed Values by HUC14 Subwatershed

-  Low
-  Moderate
-  High
-  Preservation Area
-  Municipal Boundaries

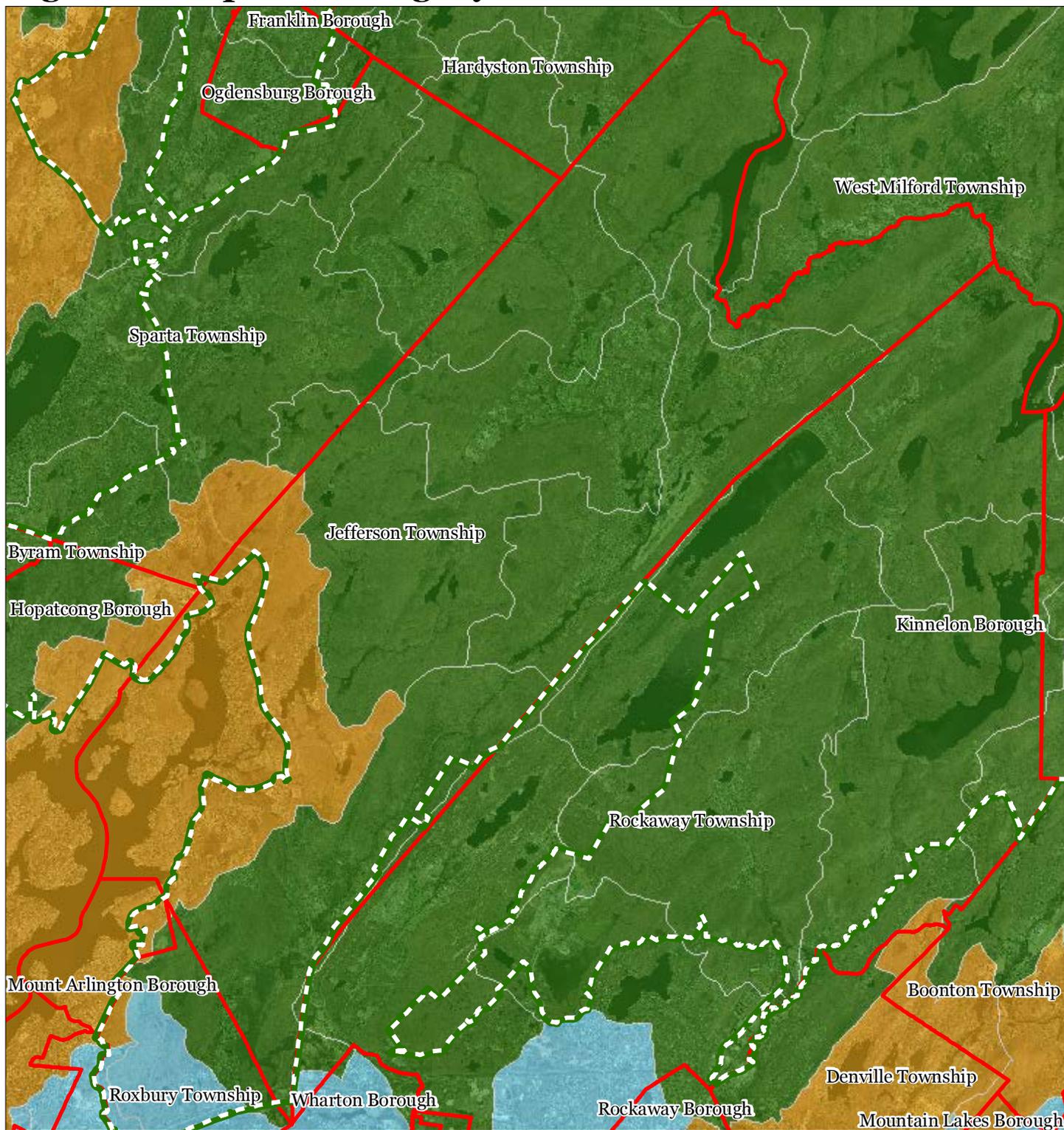
Jefferson Township



1 inch = 1.5 miles



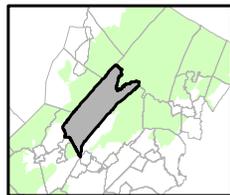
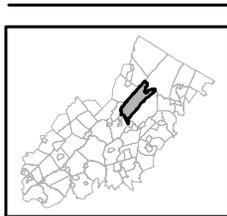
Figure 10: Riparian Integrity



Riparian Integrity by HUC14 Subwatershed

-  Low
-  Moderate
-  High
-  Preservation Area
-  Municipal Boundaries

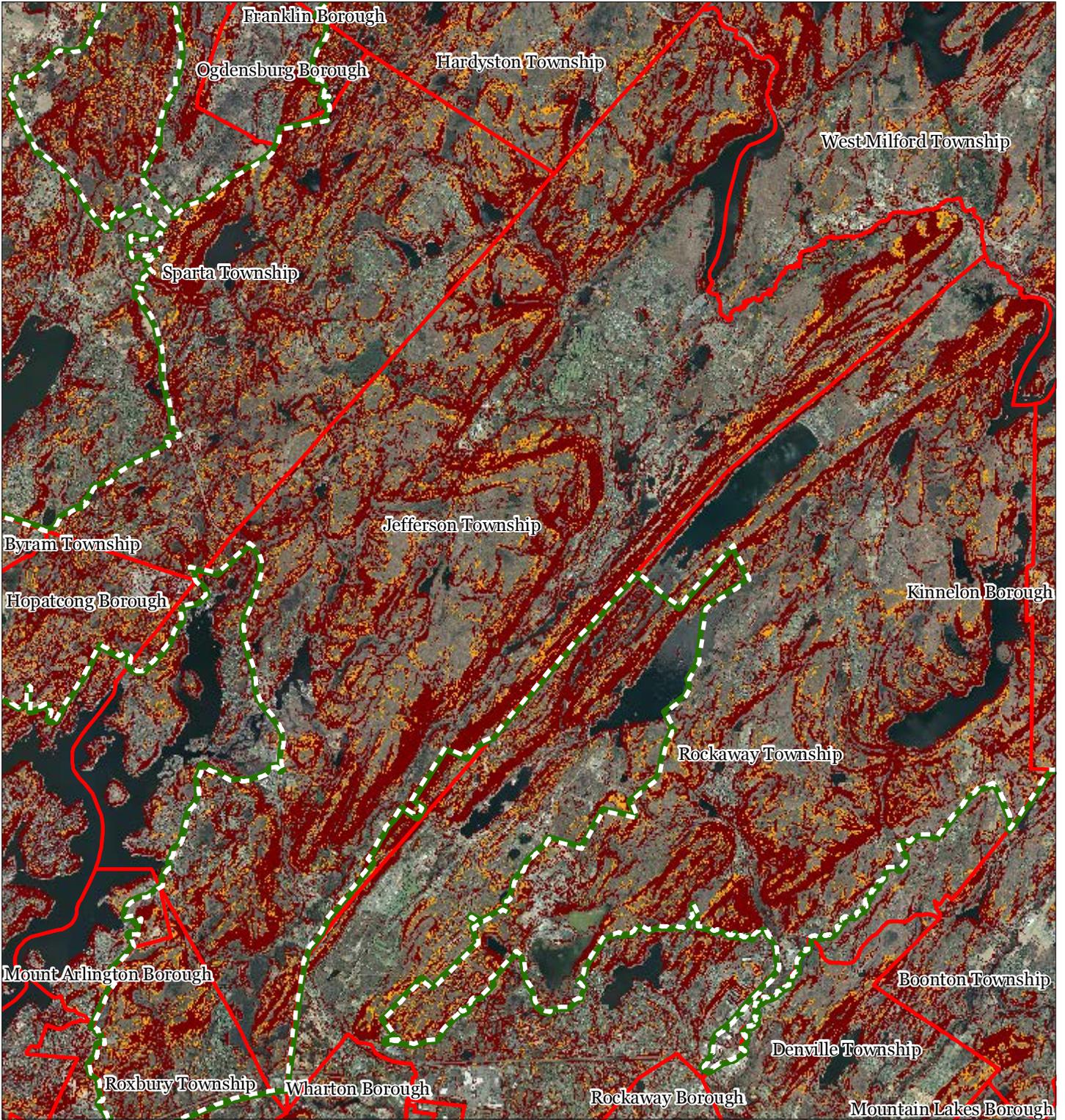
Jefferson Township



1 inch = 1.5 miles



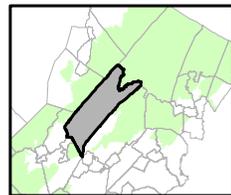
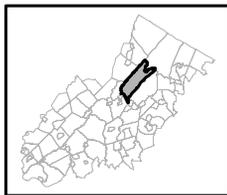
Figure 11: Steep Slope Protection Areas



Steep Slopes

-  Moderate
-  Severe
-  Preservation Area
-  Municipal Boundaries

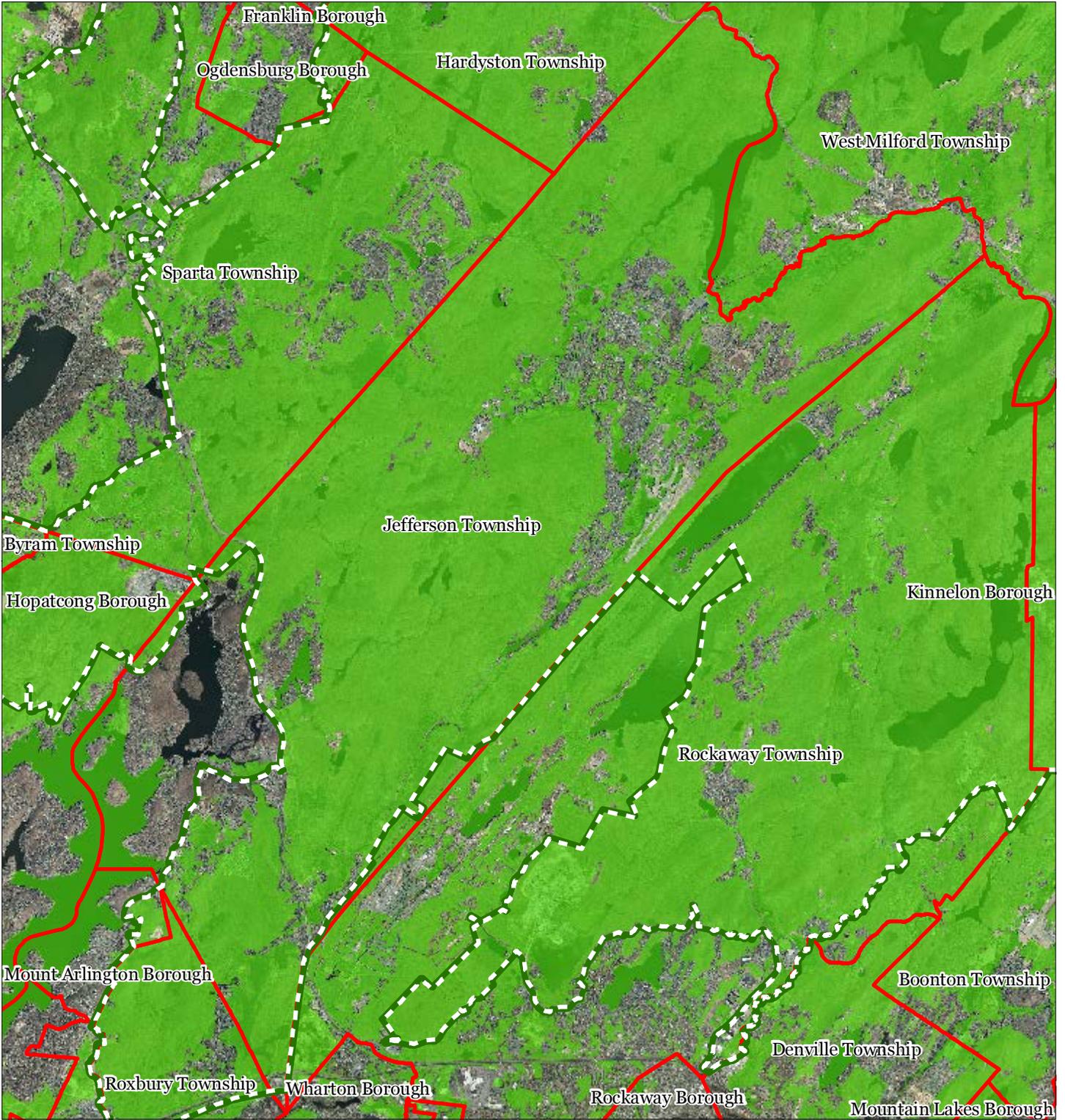
Jefferson Township



1 inch = 1.5 miles

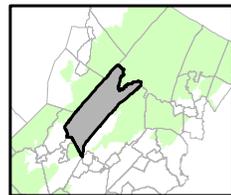
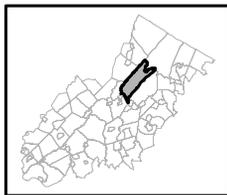


Figure 12: Critical Wildlife Habitat



- Critical Wildlife Habitat
- Preservation Area
- Municipal Boundaries

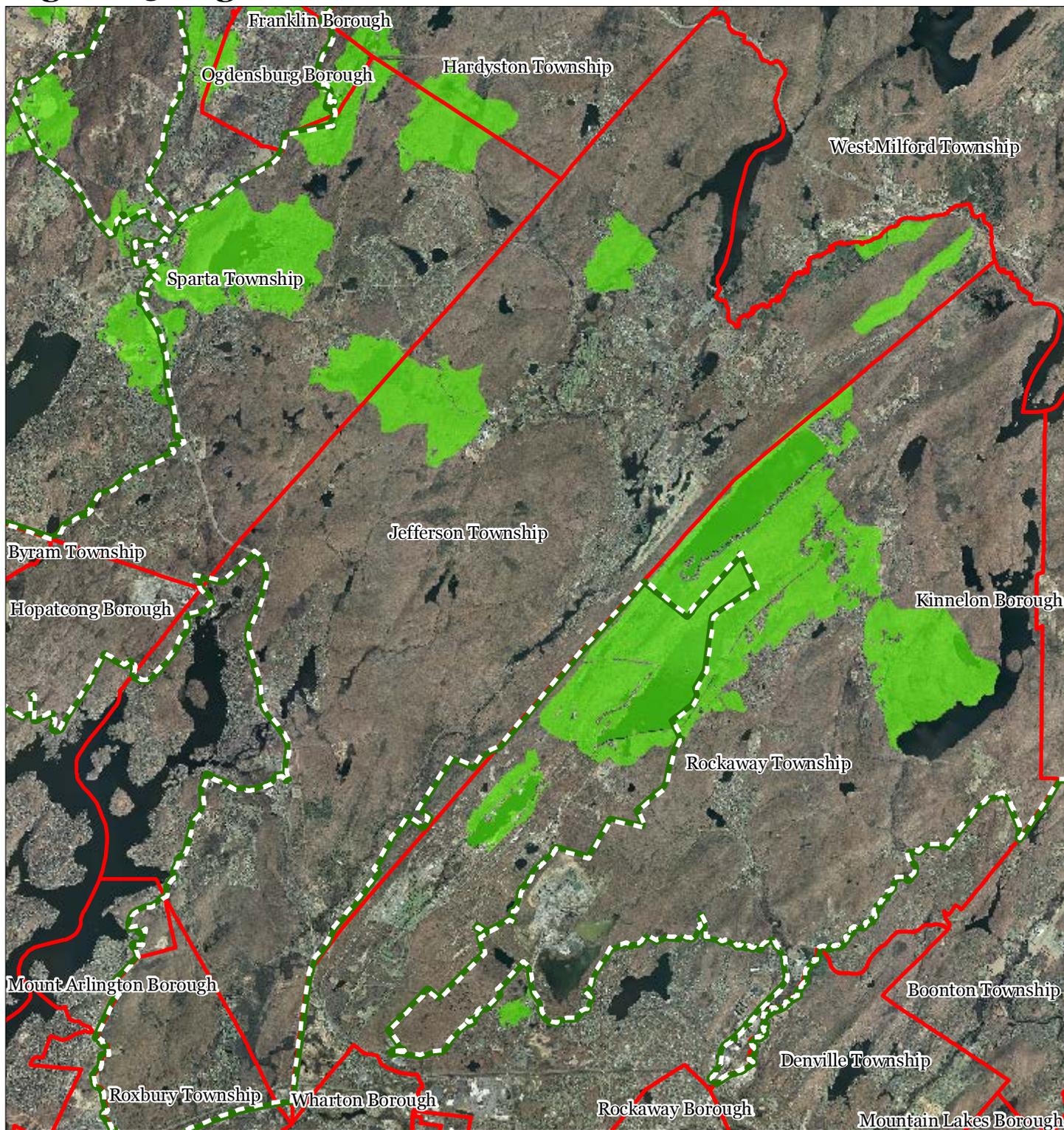
Jefferson Township



1 inch = 1.5 miles



Figure 13: Significant Natural Areas



-  Significant Natural Areas
-  Preservation Area
-  Municipal Boundaries

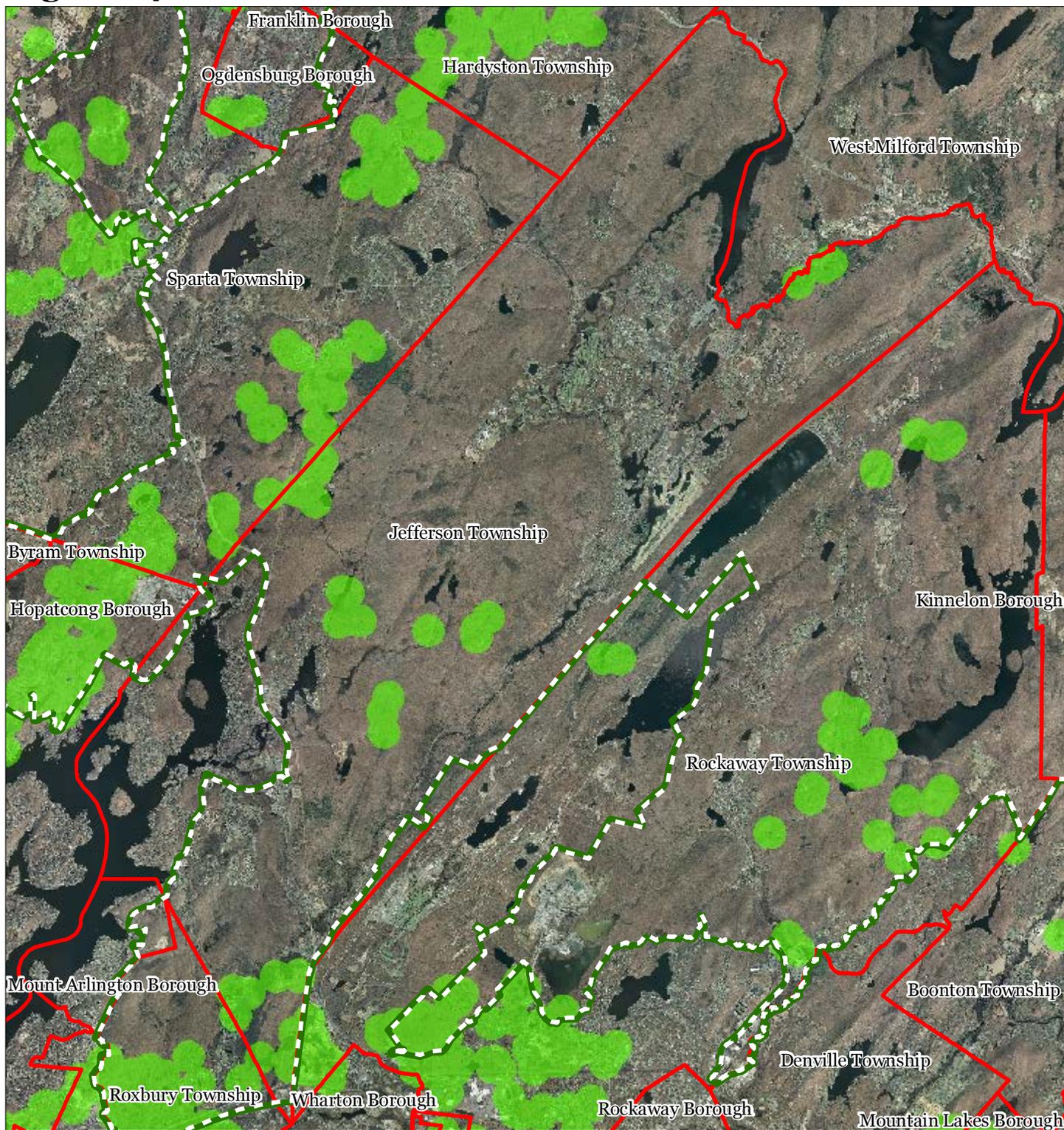
Jefferson Township



1 inch = 1.5 miles

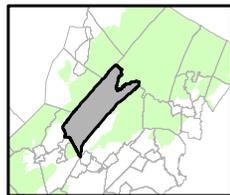
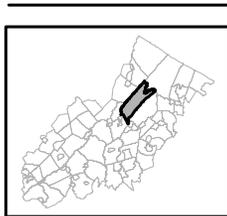


Figure 14: Vernal Pools



-  Vernal Pools + 1000ft Buffer
-  Preservation Area
-  Municipal Boundaries

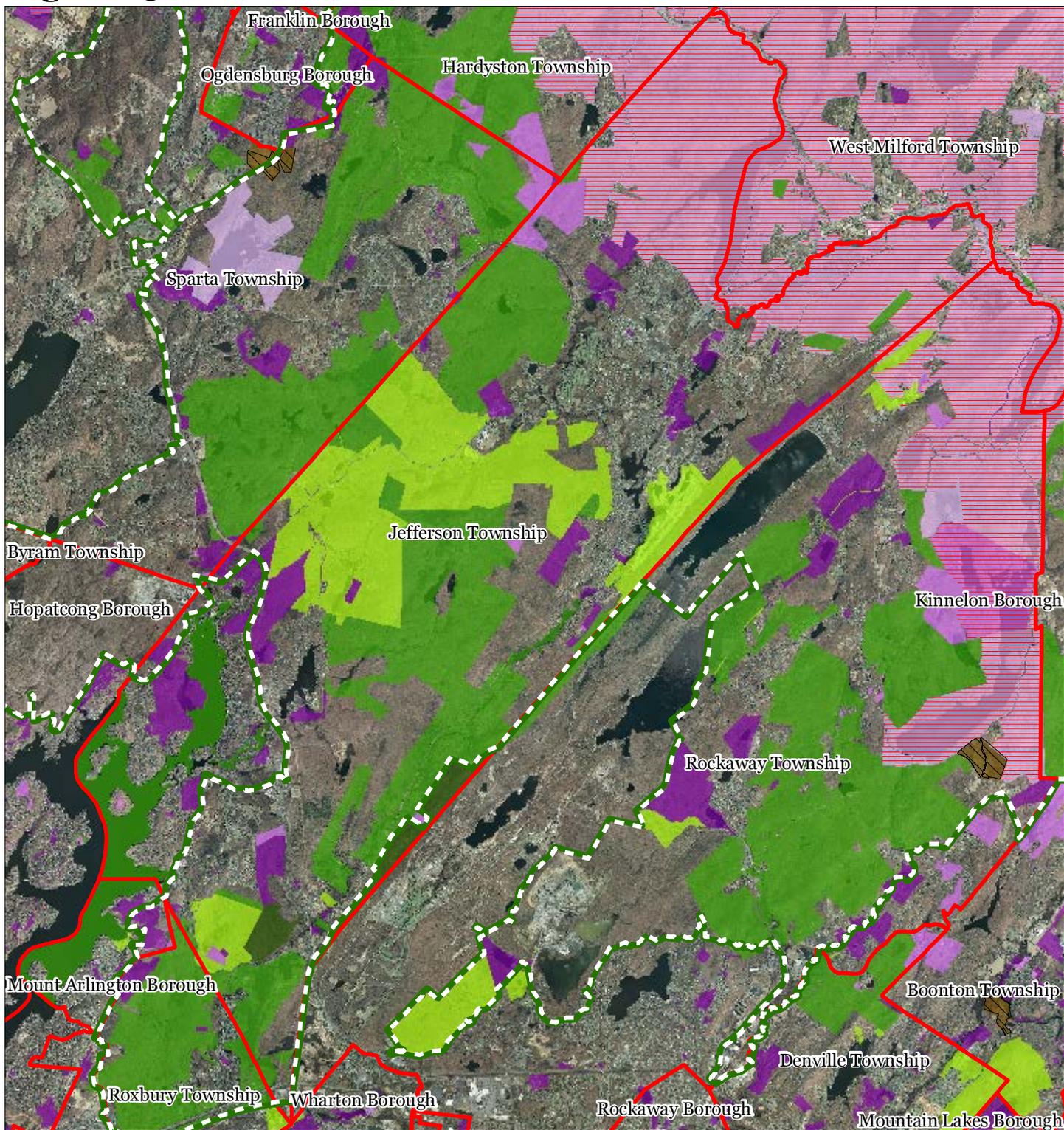
Jefferson Township



1 inch = 1.5 miles



Figure 15: Preserved Lands



- | | |
|---|-------------------------------|
| Preserved Lands | Conservation Easements |
| Federal Open Space | Green Acres |
| State Open Space | SADC Easements |
| County Open Space | SADC Final |
| Municipal Open Space | SADC Preserved |
| Non-Profit/Private Open Space | Municipal Boundaries |
| Water Supply Watershed Lands | Preservation Area |
| Preserved Farmland | |
| Highlands Transfer of Development Lands | |

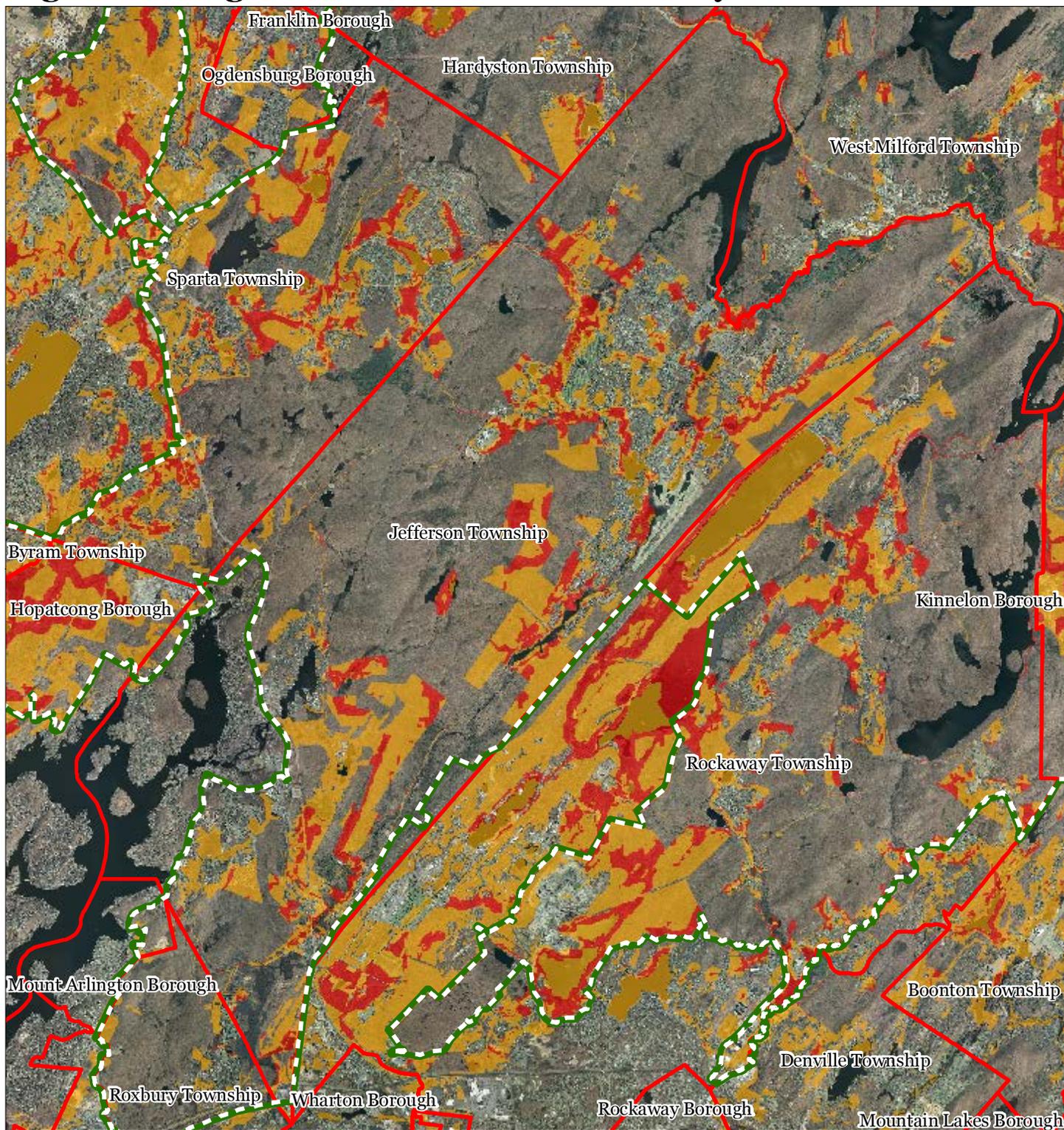
Jefferson Township



1 inch = 1.5 miles



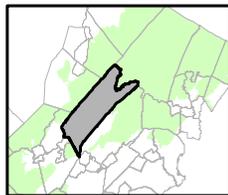
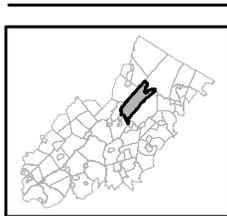
Figure 16: Highlands Conservation Priority Areas



Conservation Priority Area

-  Moderate
-  High
-  Preservation Area
-  Municipal Boundaries

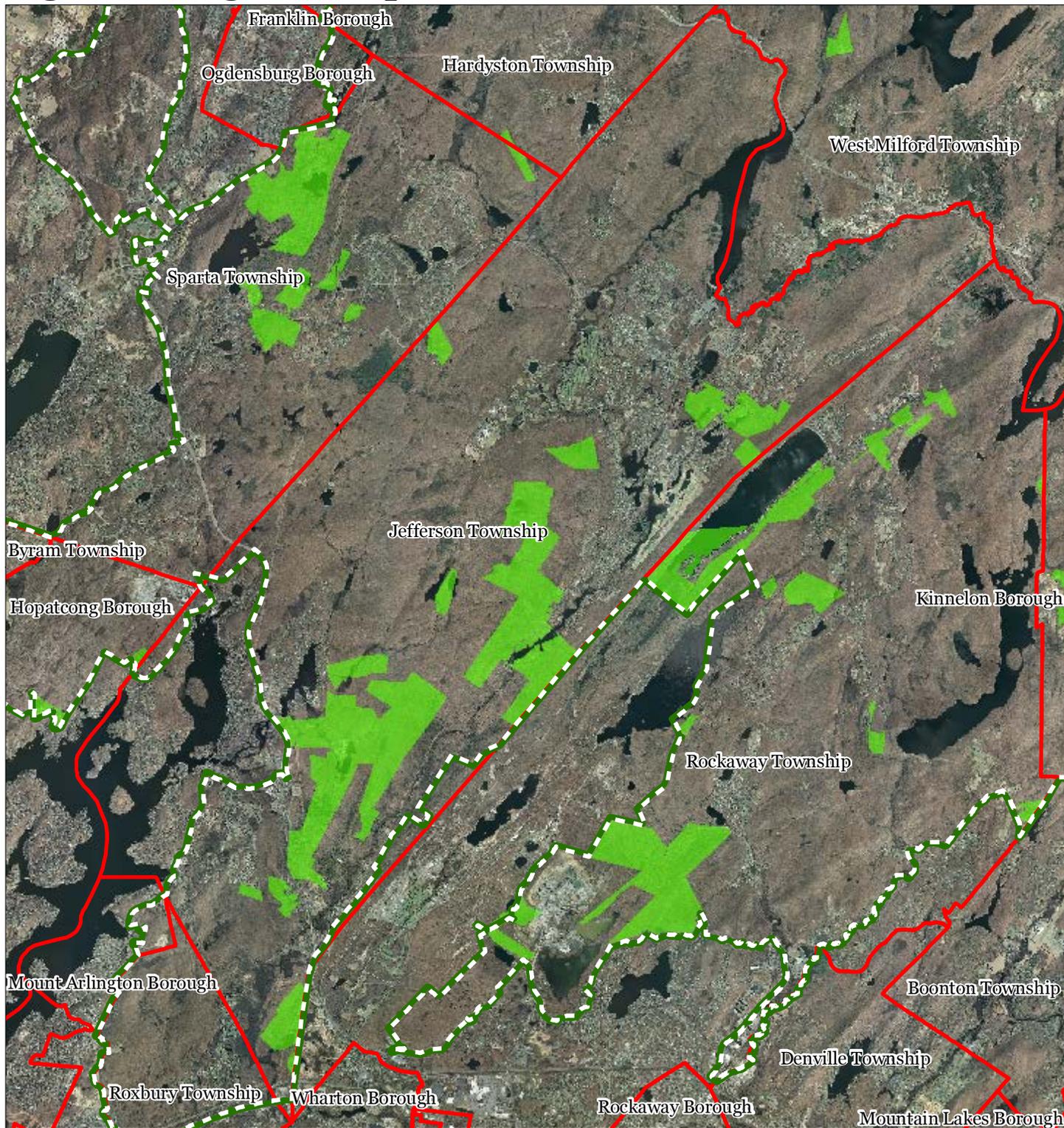
Jefferson Township



1 inch = 1.5 miles

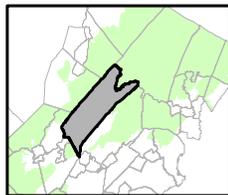
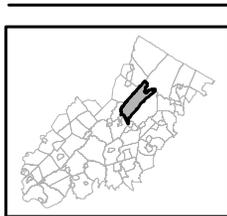


Figure 17: Highlands Special Environmental Zone



-  Special Environmental Zones
-  Preservation Area
-  Municipal Boundaries

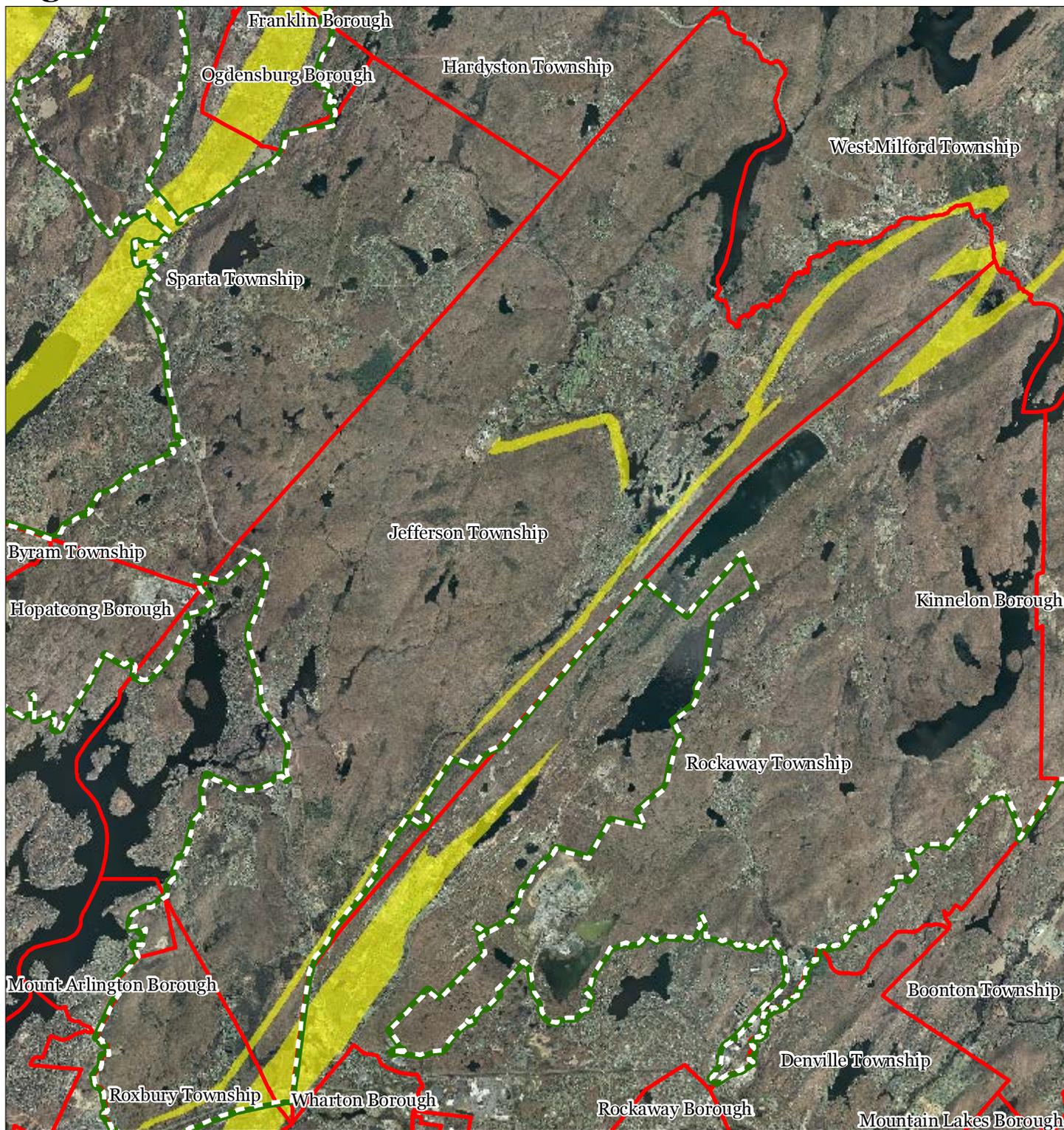
Jefferson Township



1 inch = 1.5 miles

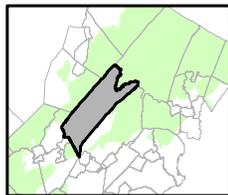
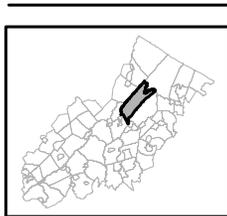


Figure 18: Carbonate Rock Areas



- Carbonate Rock Area
- Preservation Area
- Municipal Boundaries

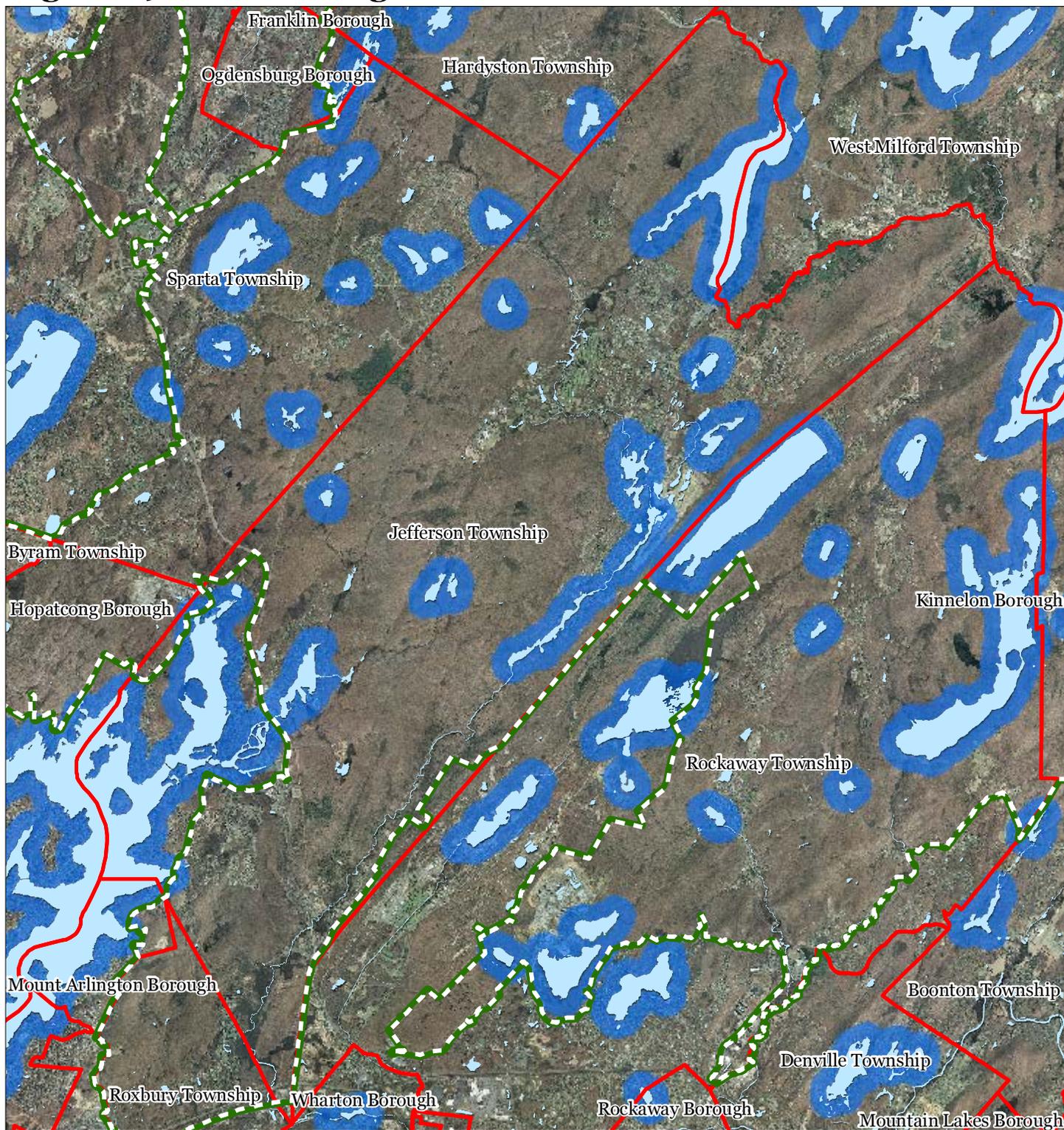
Jefferson Township



1 inch = 1.5 miles

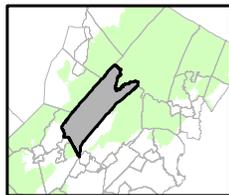
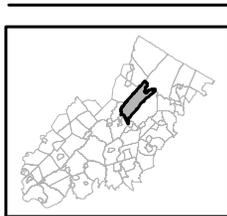


Figure 19: Lake Management Area



- Lakes & Ponds
- Lake Management Area
- Preservation Area
- Municipal Boundaries

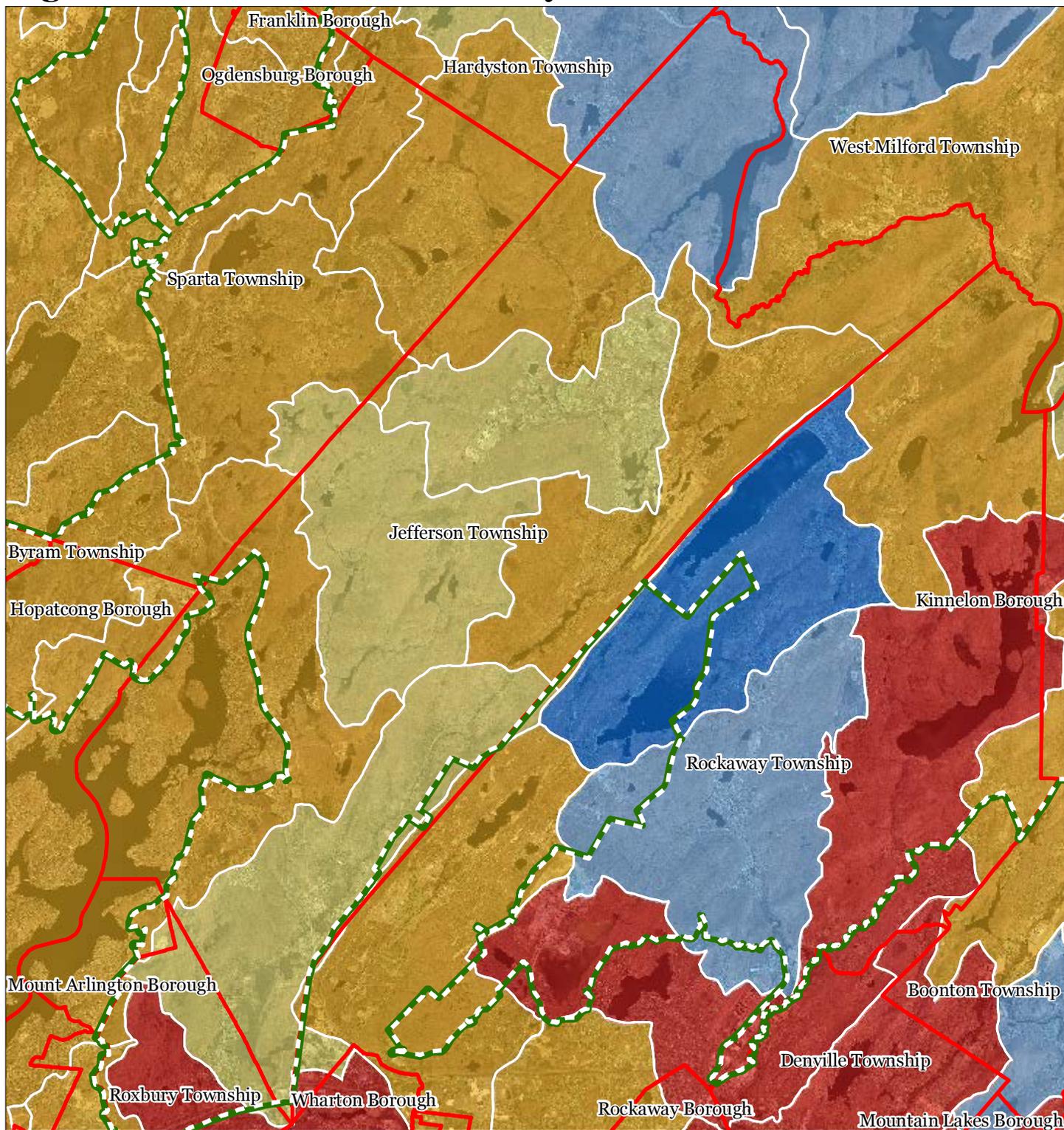
Jefferson Township



1 inch = 1.5 miles

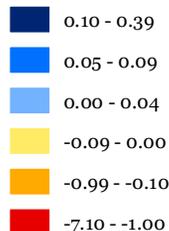


Figure 20: Net Water Availability



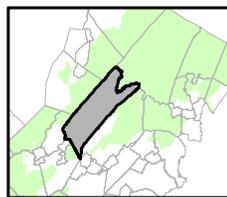
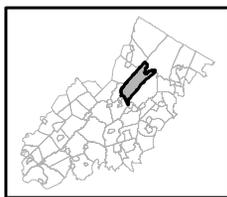
Net Water Availability By HUC14

Million Gallons Per Day (MGD)



 Preservation Area
 Municipal Boundaries

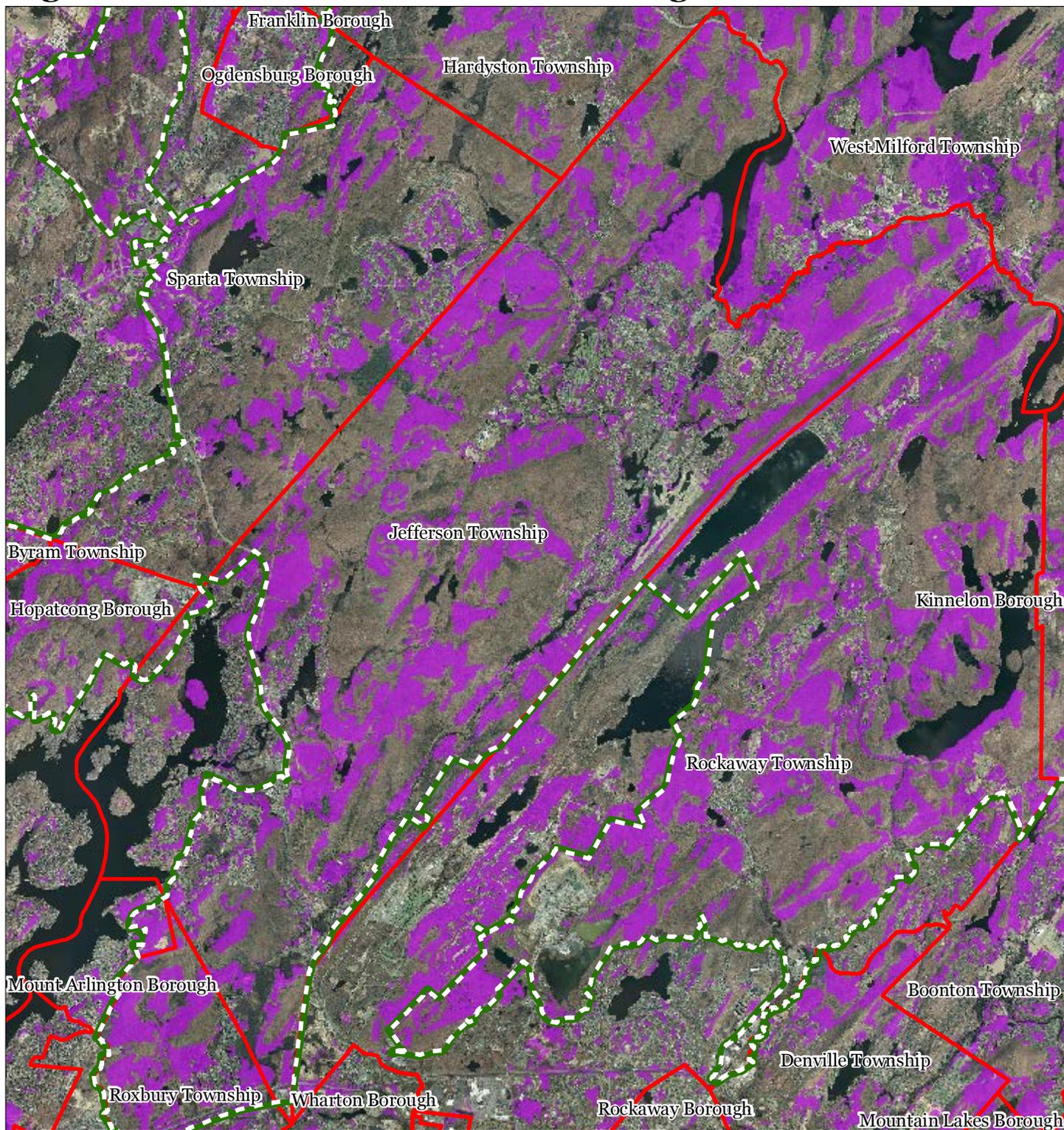
Jefferson Township



1 inch = 1.5 miles



Figure 21: Prime Ground Water Recharge Areas



-  Prime Ground Water Recharge Areas
-  Preservation Area
-  Municipal Boundaries

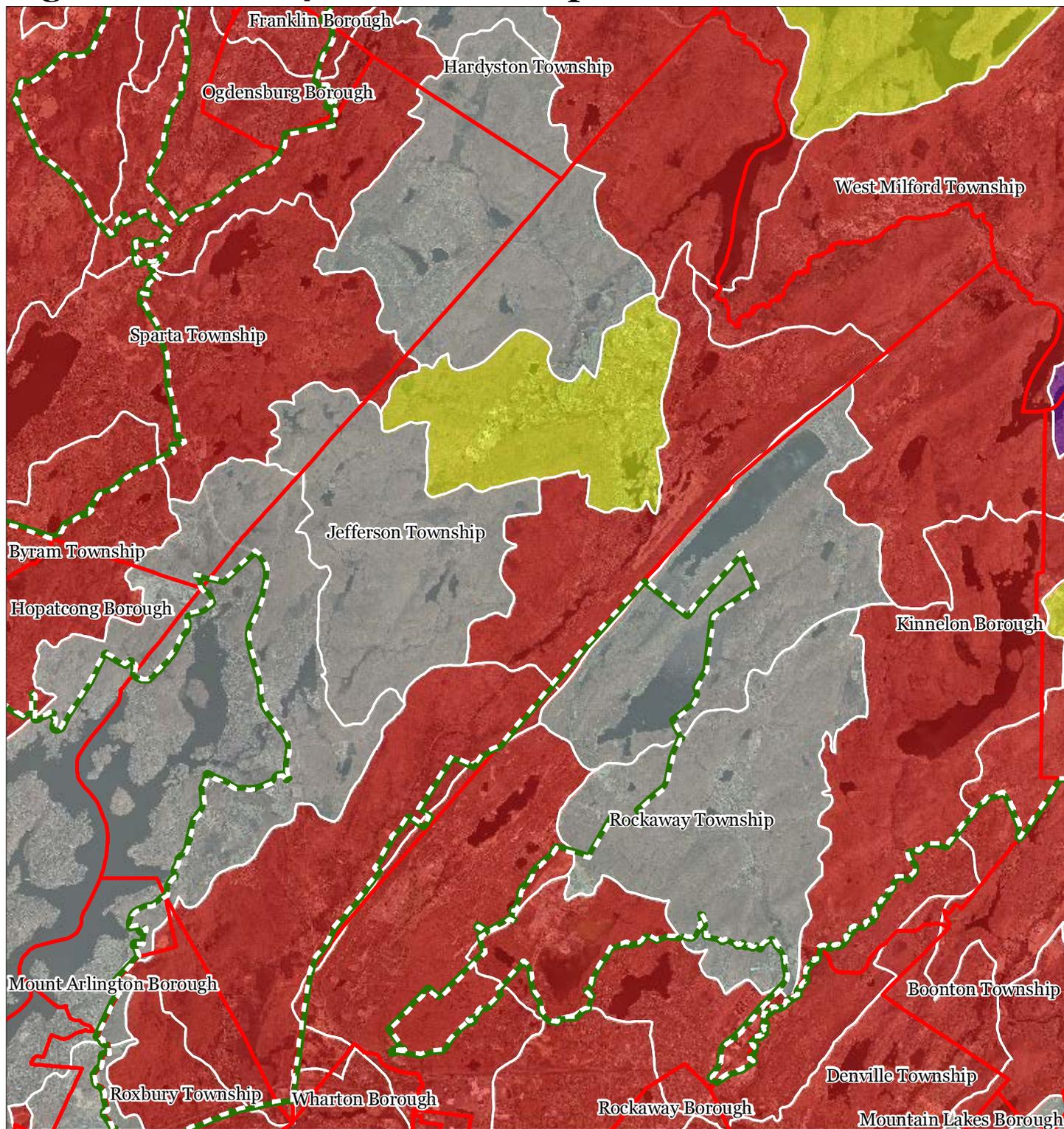
Jefferson Township



1 inch = 1.5 miles



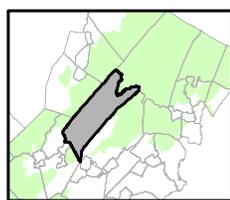
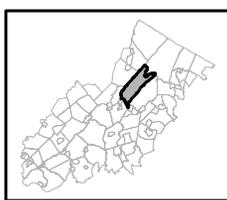
Figure 22: HUC 14s on NJDEP Impaired Waters List



Impaired Waters Overall Assessment by HUC14 Subwatershed

-  Non Impacted
-  Insufficient Data Available
-  Moderate
-  Water Quality Impaired
-  Preservation Area
-  Municipal Boundaries

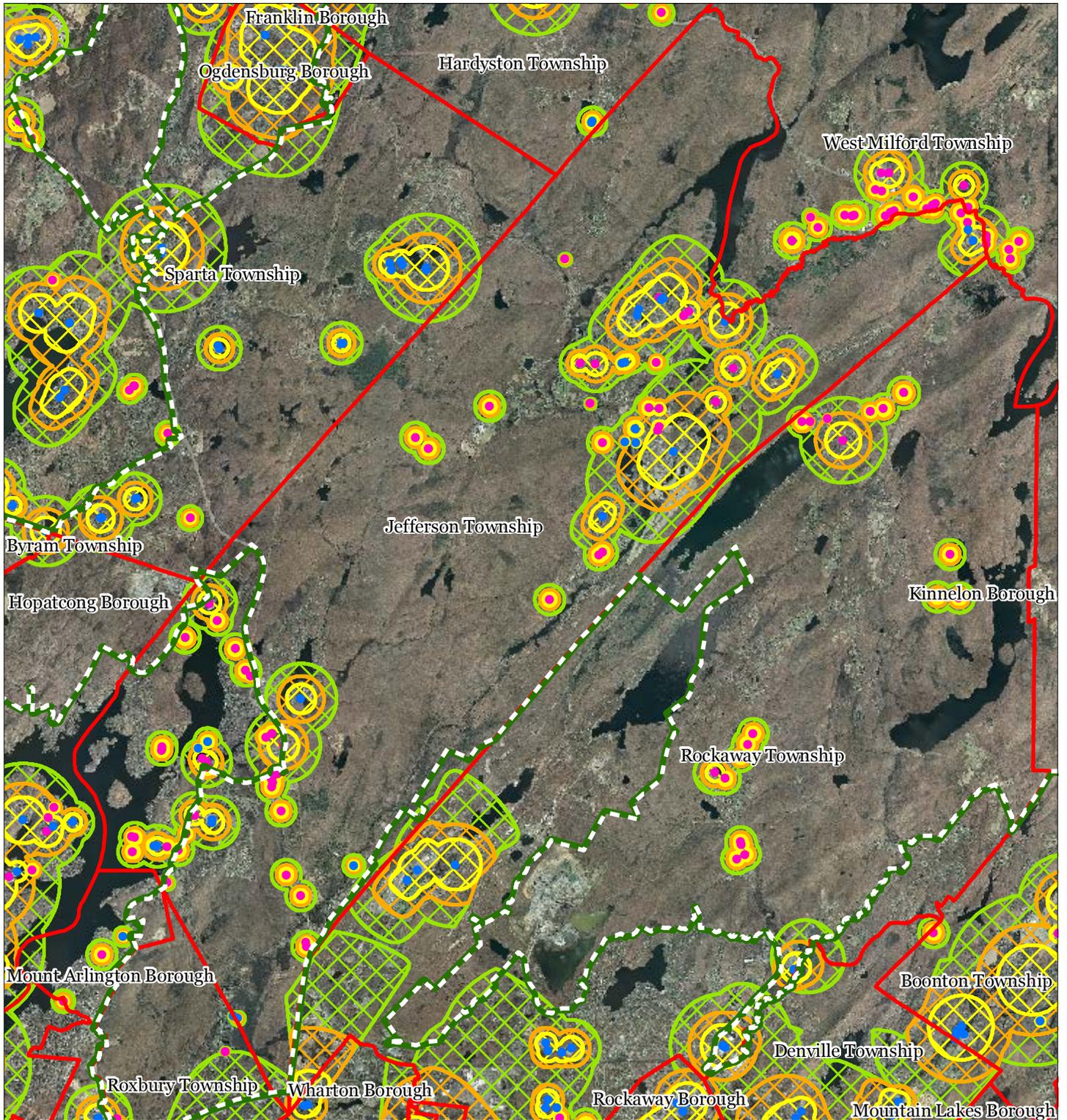
Jefferson Township



1 inch = 1.5 miles



Figure 23: Wellhead Protection Areas



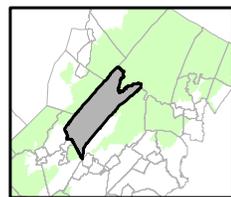
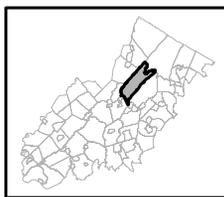
- Public Community Wells
- Public Non-Community Wells

Wellhead Protection Areas

- 2-Year Tier
- 5-Year Tier
- 12-Year Tier

- Preservation Area
- Municipal Boundaries

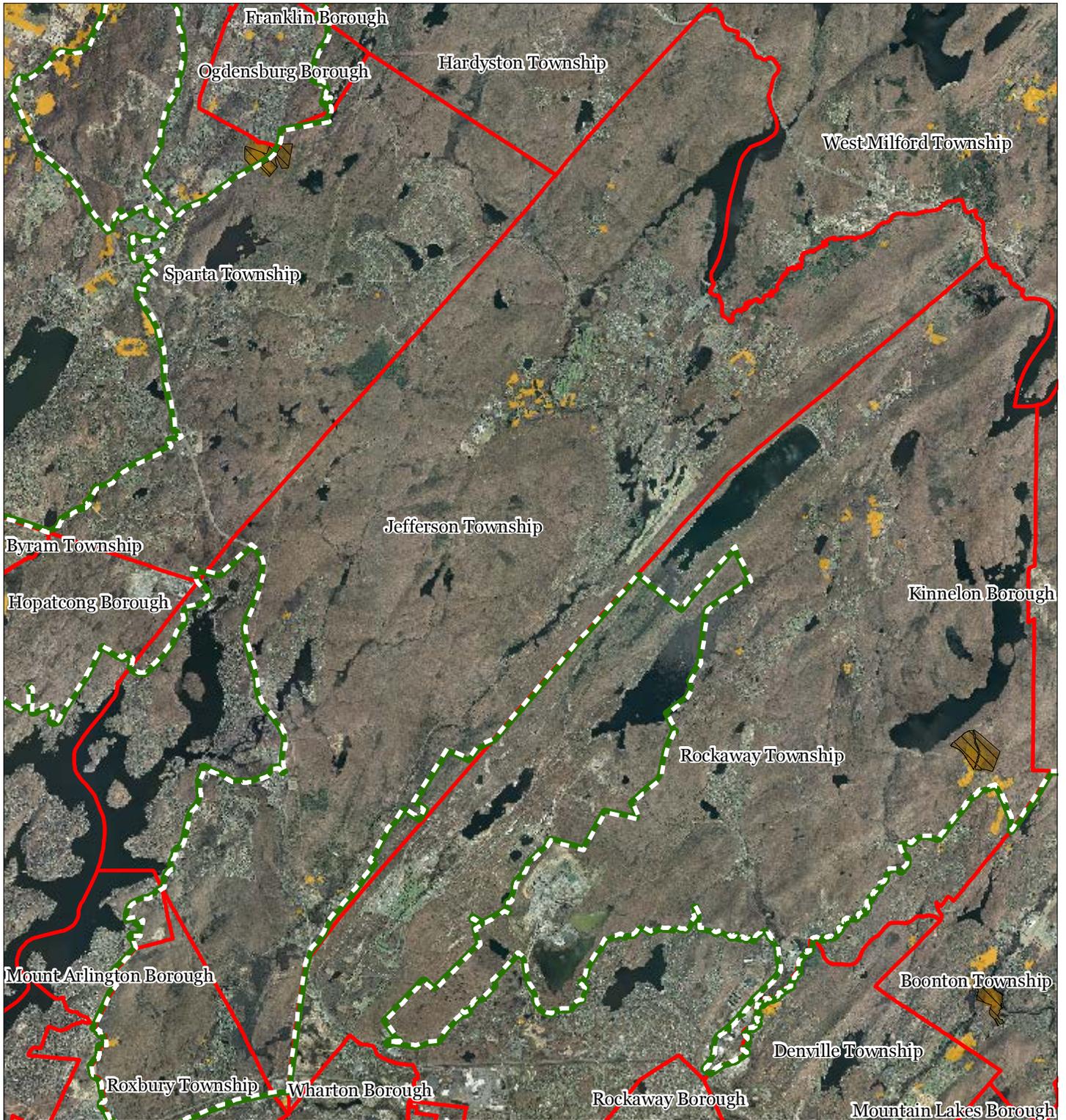
Jefferson Township



1 inch = 1.5 miles



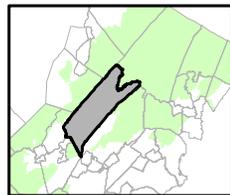
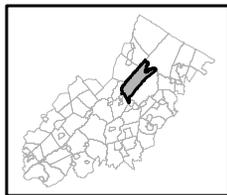
Figure 26: All Agricultural Uses



SADC Easements

-  SADC Final
-  SADC Preserved
-  Preserved Farmland
-  Agriculture Uses
-  Preservation Area
-  Municipal Boundaries

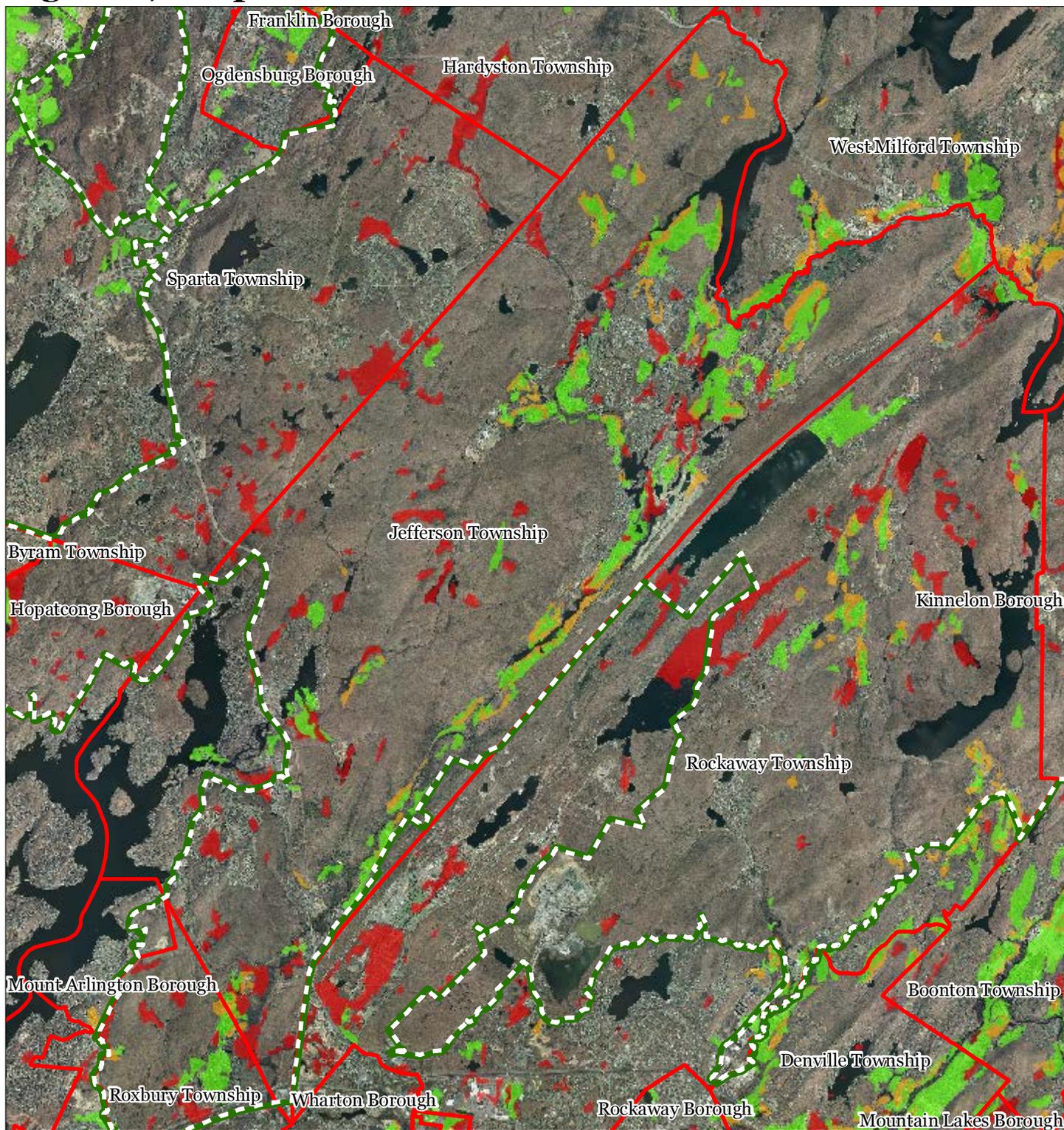
Jefferson Township



1 inch = 1.5 miles



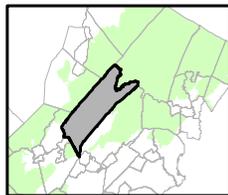
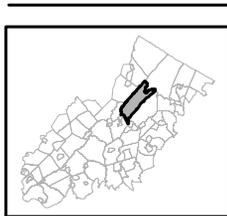
Figure 27: Important Farmland Soils



Important Farmland Soils

-  Prime Farmland
-  Farmland of Local Importance
-  Farmland of Statewide Importance
-  Farmland of Unique Importance
-  Preservation Area
-  Municipal Boundaries

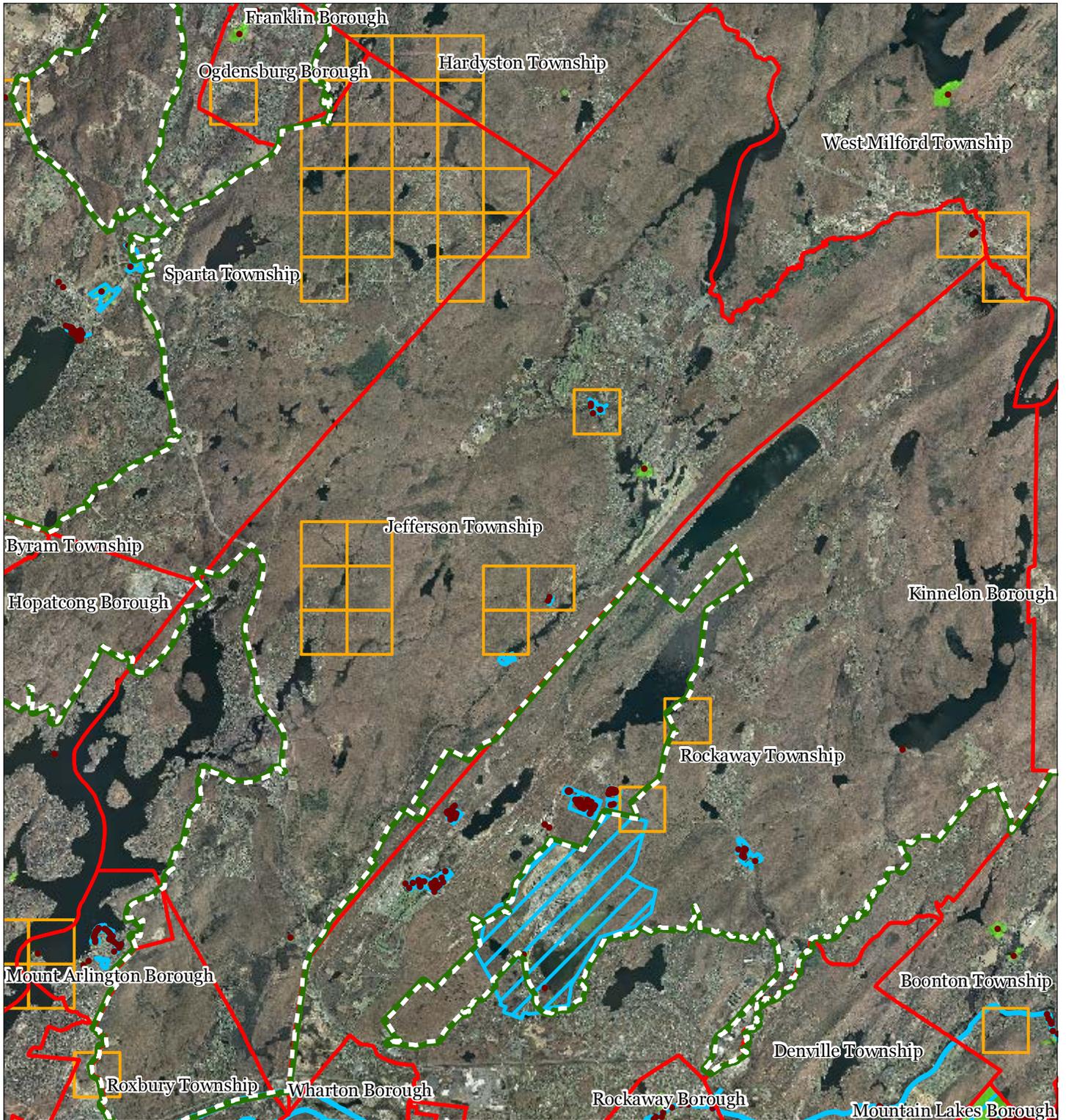
Jefferson Township



1 inch = 1.5 miles

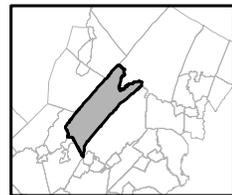
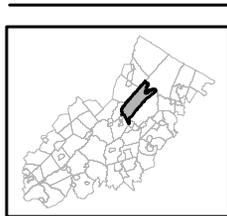


Figure 28: Historic, Cultural, and Archaeological Resources Inventory



-  Preservation Area
-  Municipal Boundaries
-  Archaeological Grids (1 sqmi)
-  NJ Historic Districts
-  Historic Property Points
-  Historic Property Polygons

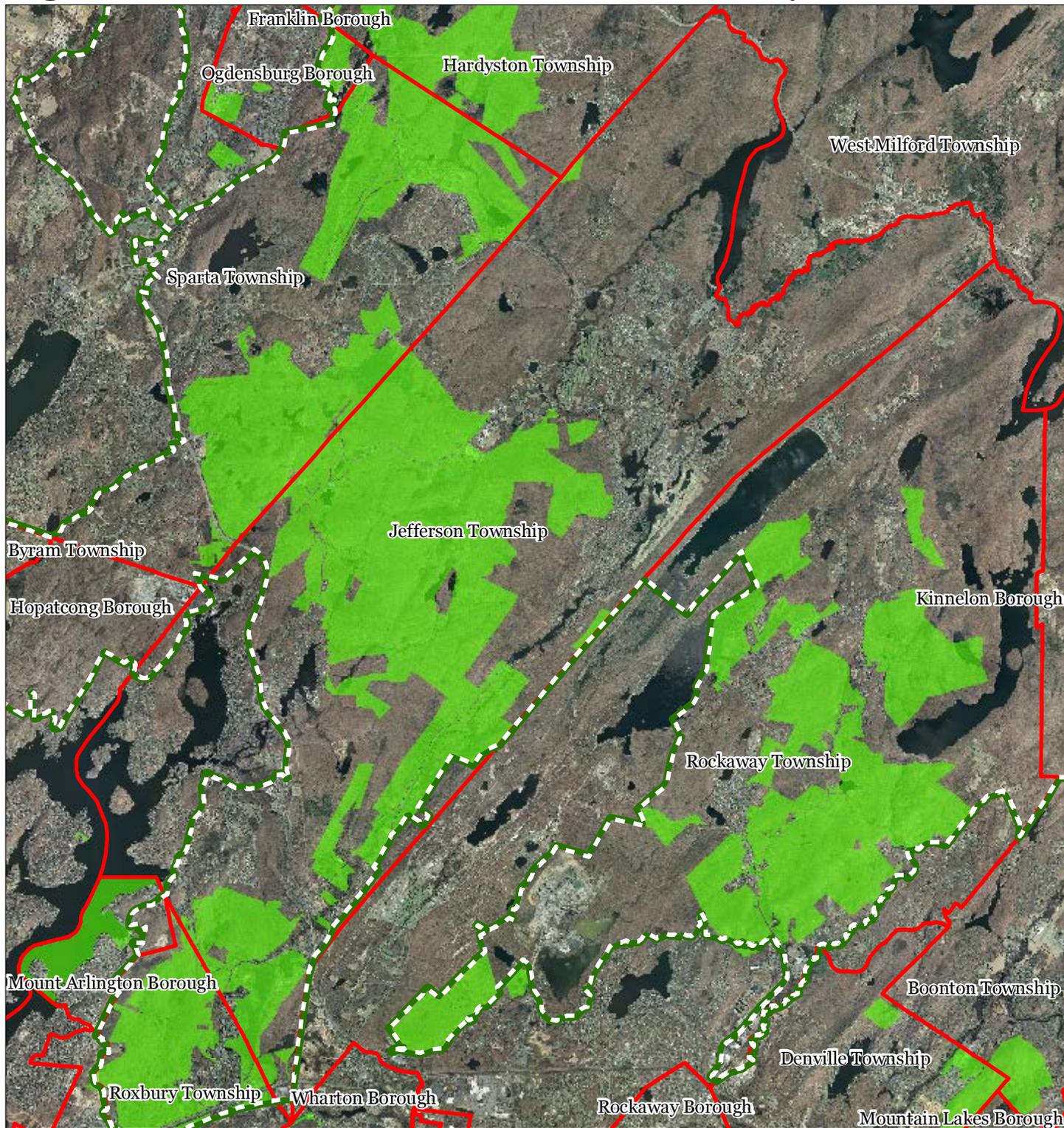
Jefferson Township



1 inch = 1.5 miles

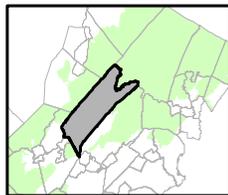
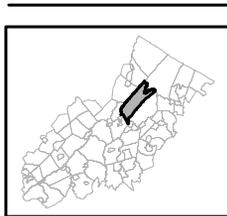


Figure 29: Baseline Scenic Resources Inventory



- Scenic Resources
- Municipal Boundaries
- Preservation Area

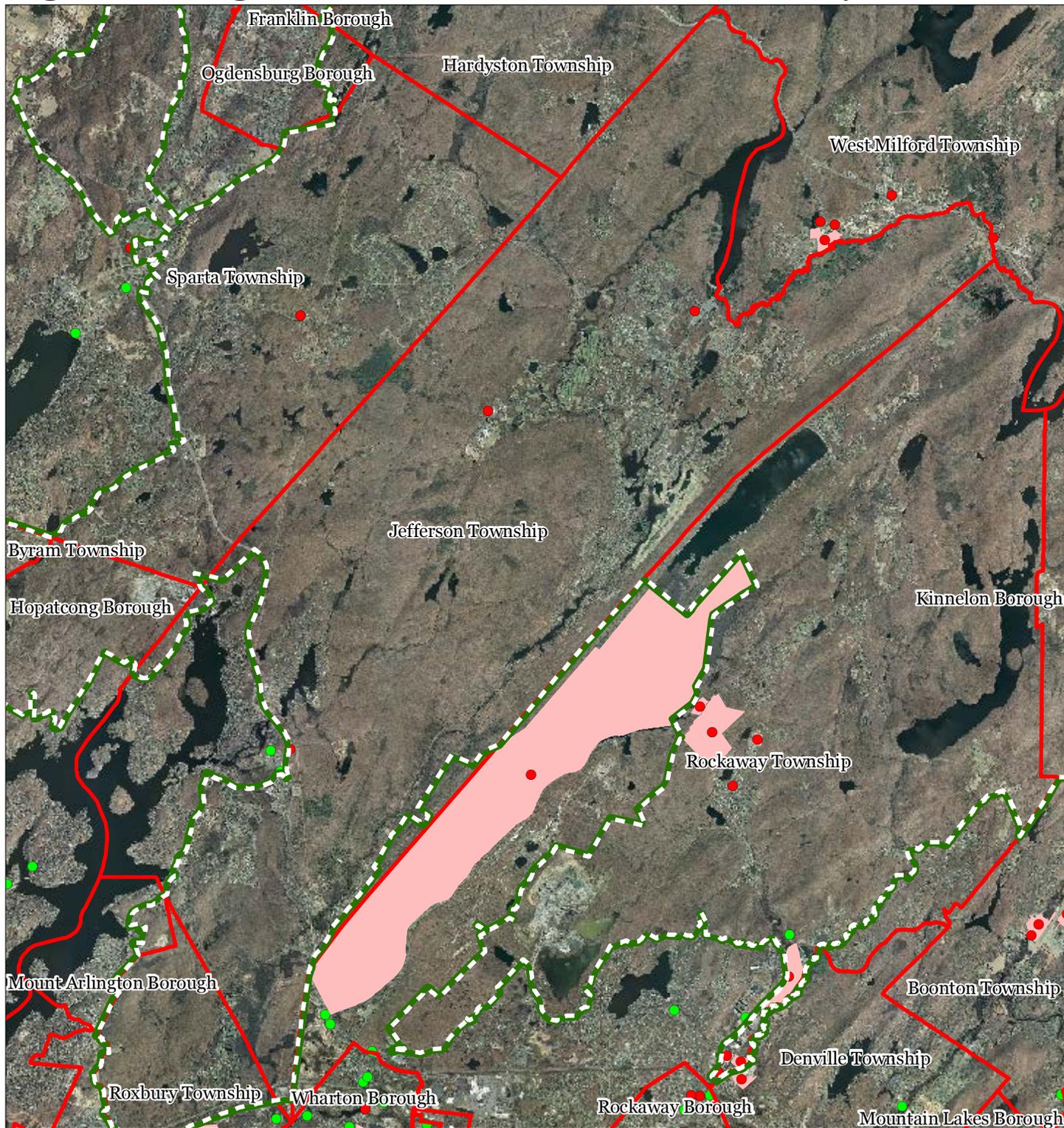
Jefferson Township



1 inch = 1.5 miles



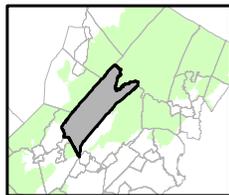
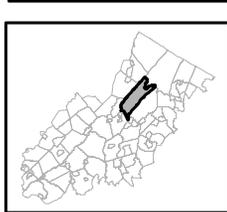
Figure 30: Highlands Contaminated Site Inventory



Highlands Contaminated Site Inventory

- Tier 1 Sites
- Tier 1 Sites (Polygons)
- Tier 2 Sites
- Preservation Area
- Municipal Boundaries

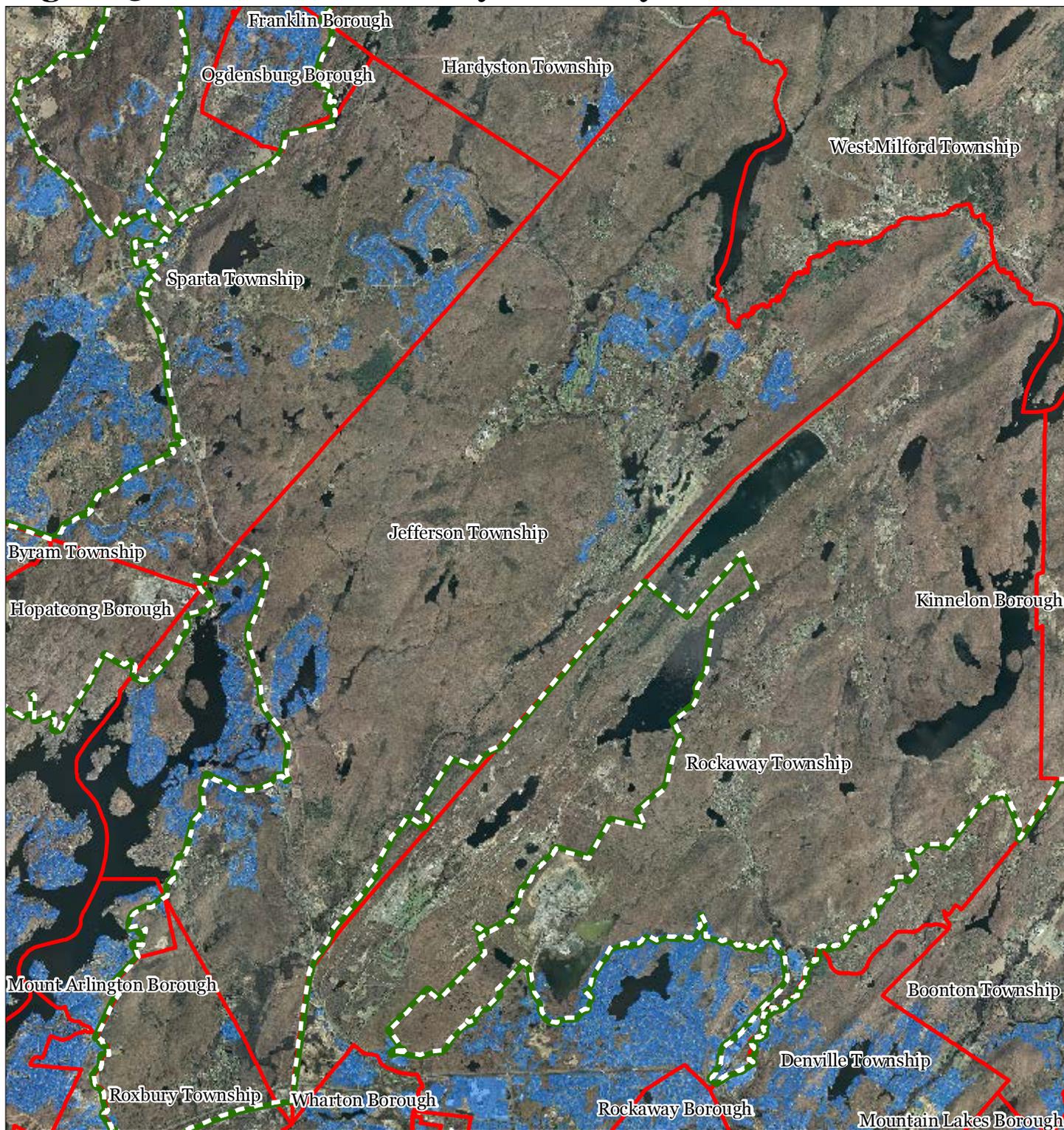
Jefferson Township



1 inch = 1.5 miles

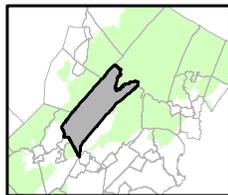
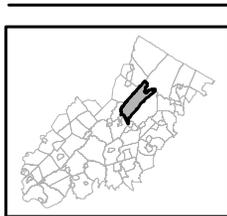


Figure 31: Public Community Water Systems



- Public Community Water Systems
- Preservation Area
- Municipal Boundaries

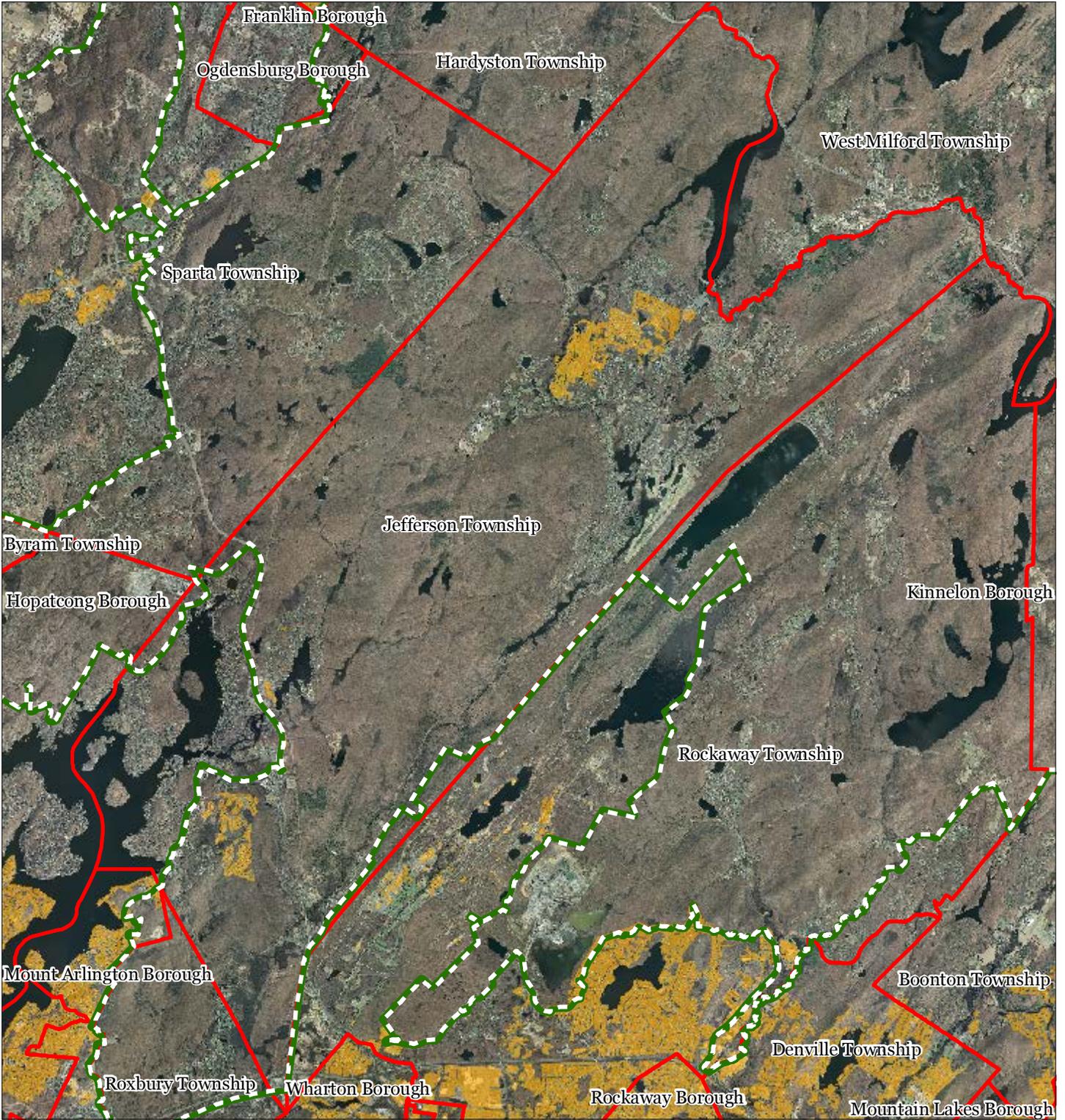
Jefferson Township



1 inch = 1.5 miles



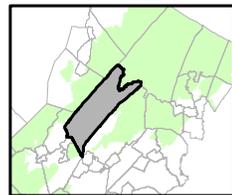
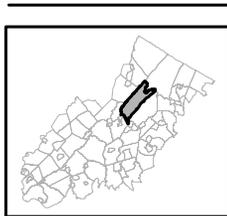
Figure 32: Highlands Domestic Sewerage Facilities



Highlands Domestic Sewerage Facilities

-  Existing Area Served
-  Preservation Area
-  Municipal Boundaries

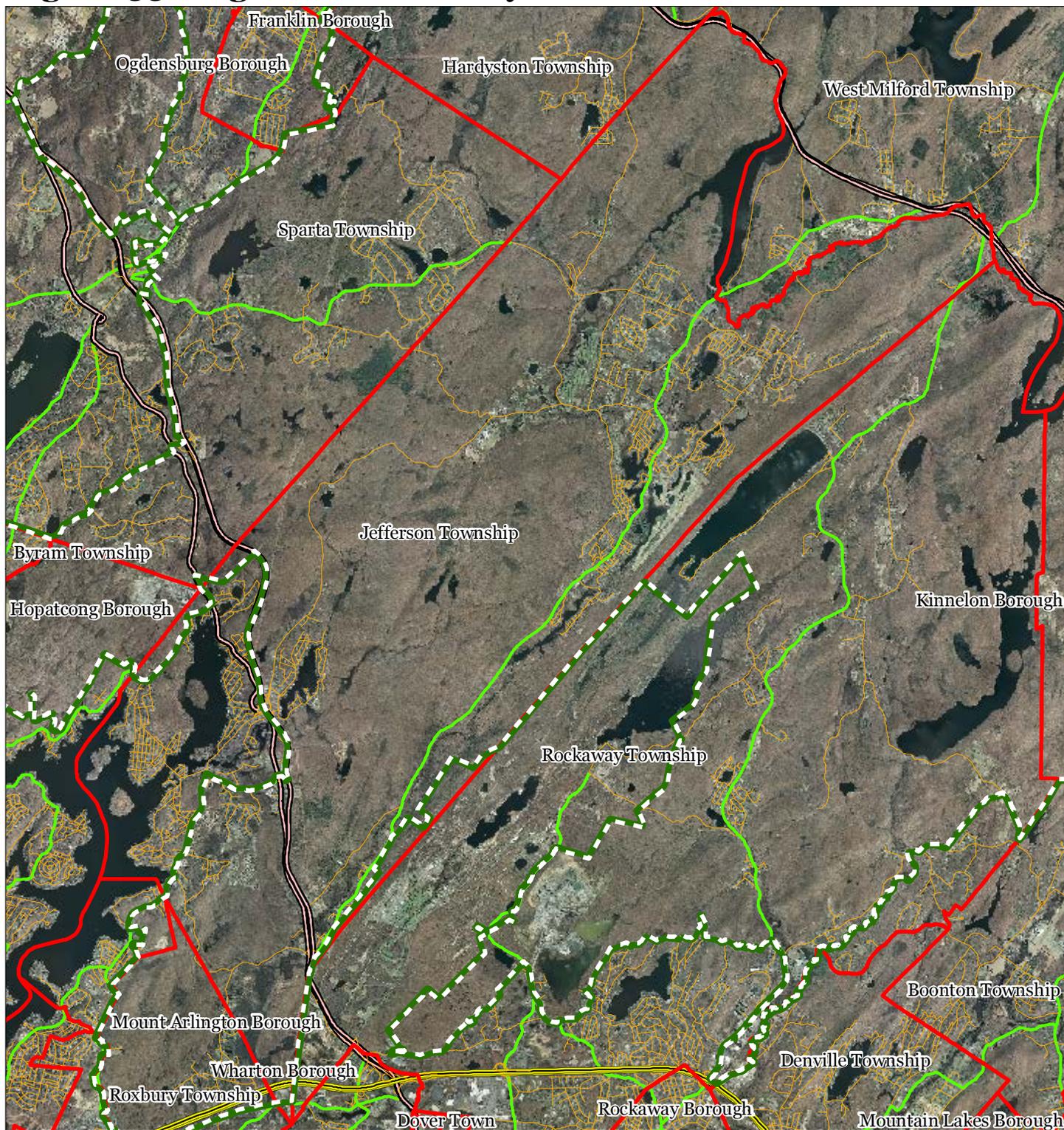
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1 inch = 1.5 miles



Figure 33: Highlands Roadway Network



Roadway Network

- Interstate Highways
- U.S. Routes
- State Routes
- County Routes
- Local Routes

- Preservation Area
- Municipal Boundaries

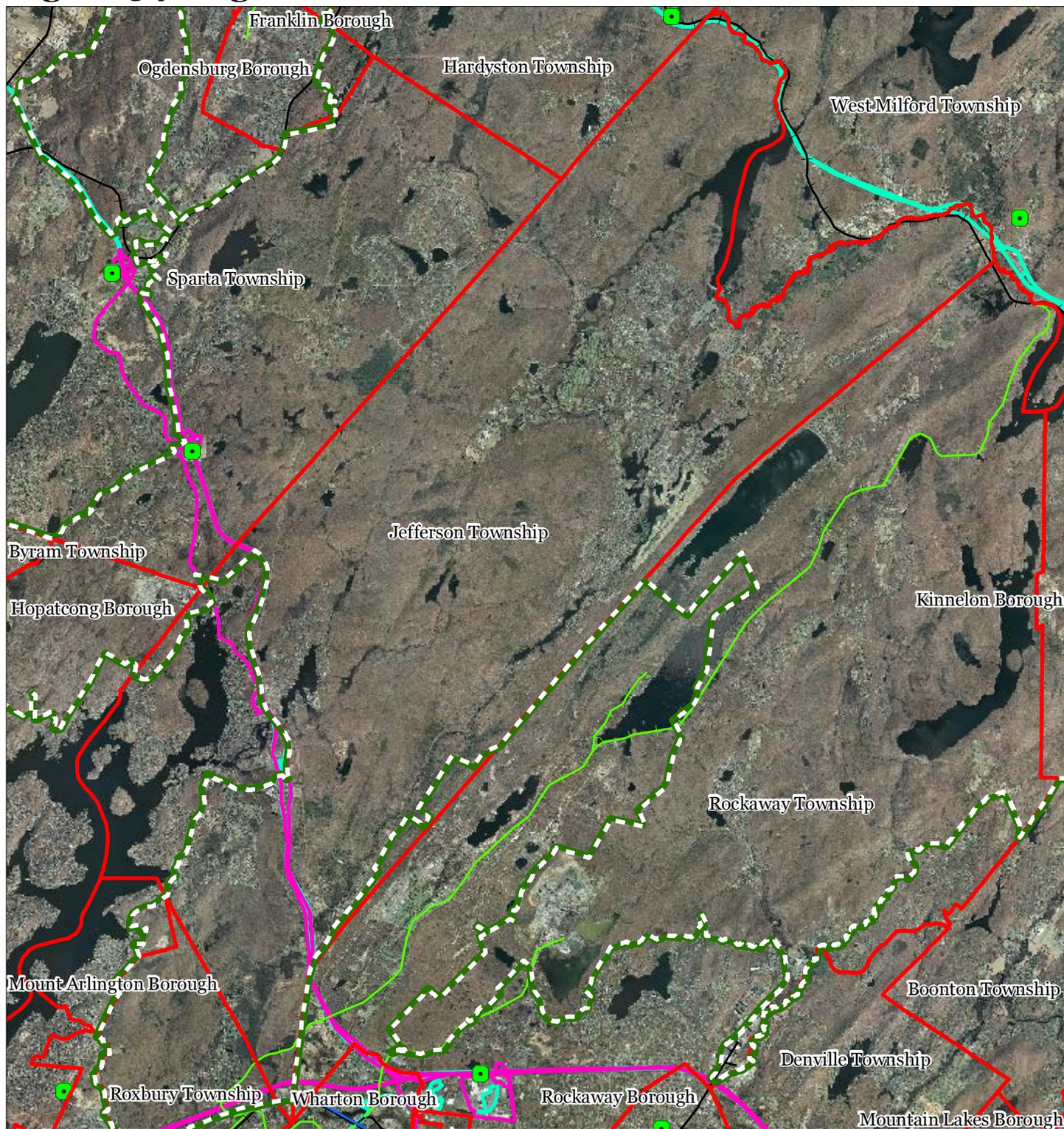
Jefferson Township



1 inch = 1.5 miles



Figure 34: Highlands Transit Network



- | | |
|--------------------------------|----------------------|
| Rail Network | Rail Stations |
| Boonton Line | Park and Ride Sites |
| Main Line & Bergen County Line | Private Bus Lines |
| Morris and Essex Line | NJ Transit Bus Lines |
| Raritan Valley Line | Airports |
| Freight Rail Lines | |
| Freight Rail Lines | |
| Abandoned Freight Rail | |

Jefferson Township



1 inch = 1.5 miles

