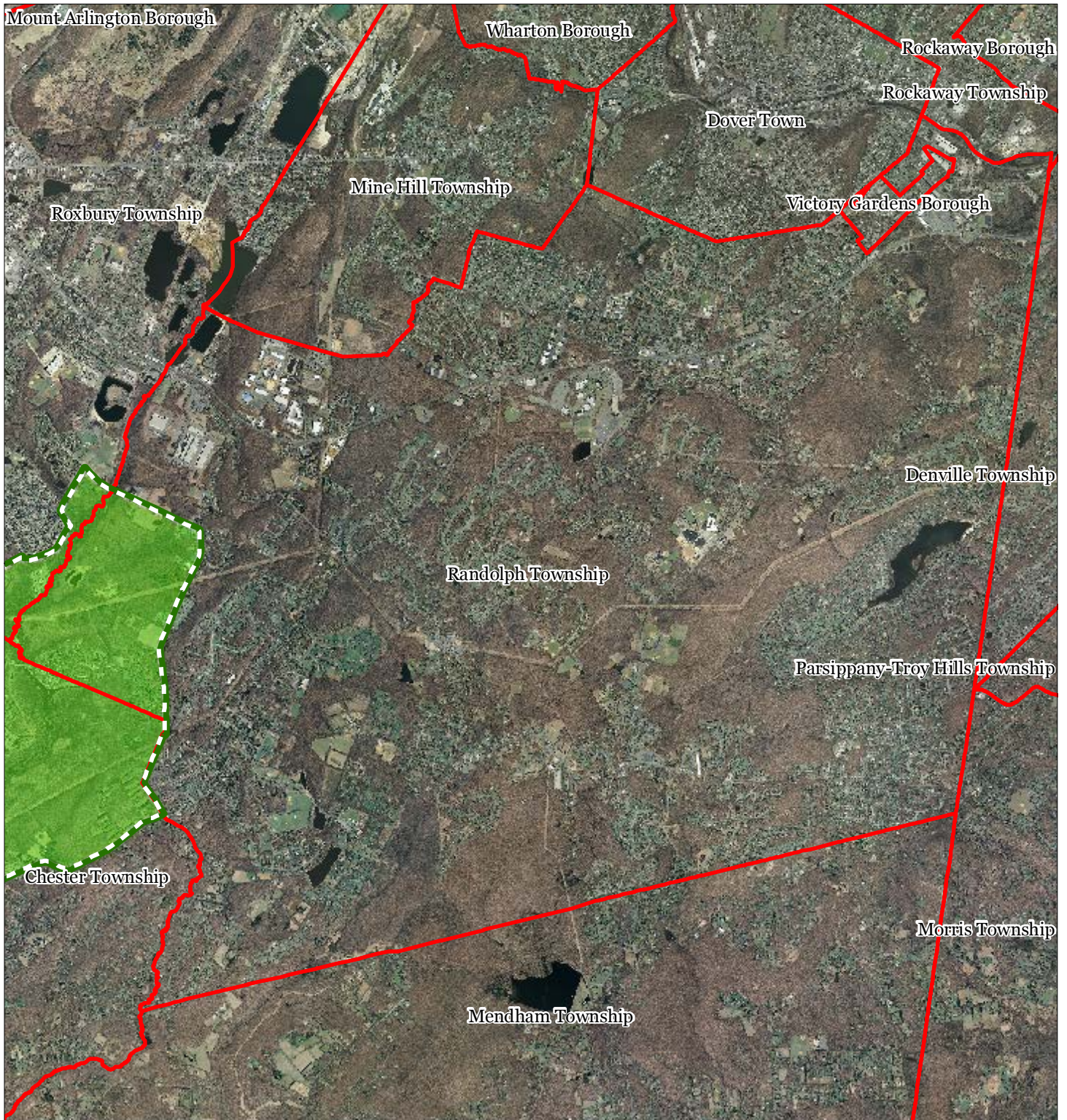


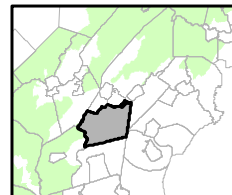
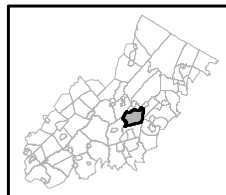


**Figure 1: Preservation Area**



-  Preservation Area
-  Municipal Boundaries

## Randolph Township



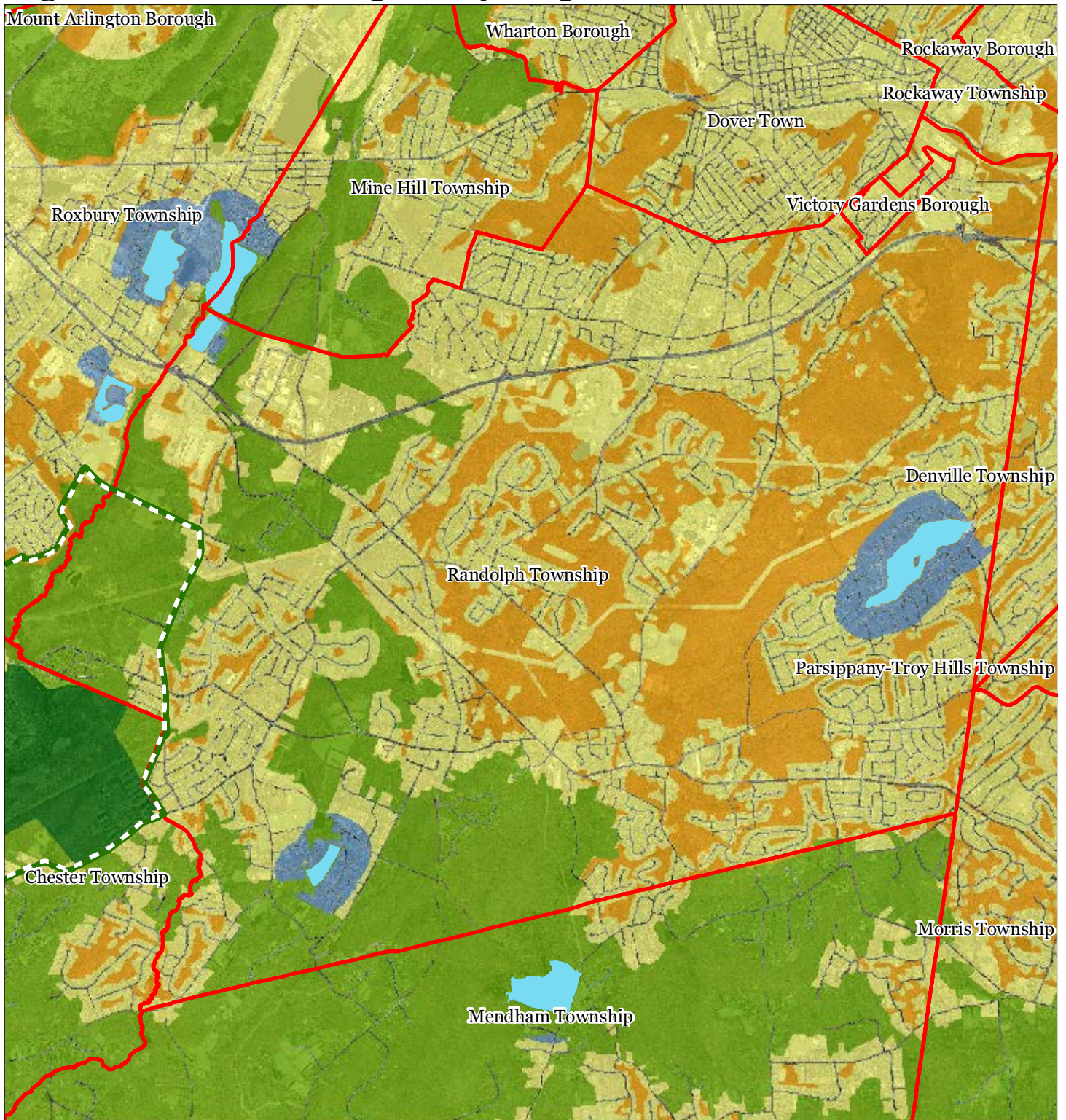
1 inch = 0.794 miles



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**Figure 2: Land Use Capability Map Zones**



**Regional Master Plan Overlay Zone Designation**

**Zone**

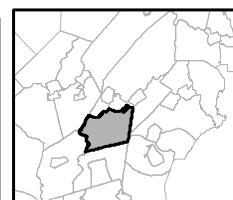
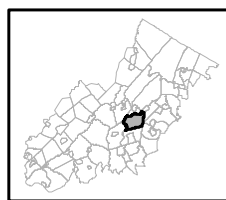
- Protection
- Conservation
- Existing Community

**Sub-Zone**

- Existing Community Environmentally Constrained
- Conservation Environmentally Constrained
- Lake Community
- Wildlife Management

- Lakes Greater Than 10 acres
- Preservation Area
- Municipal Boundaries

**Randolph Township**



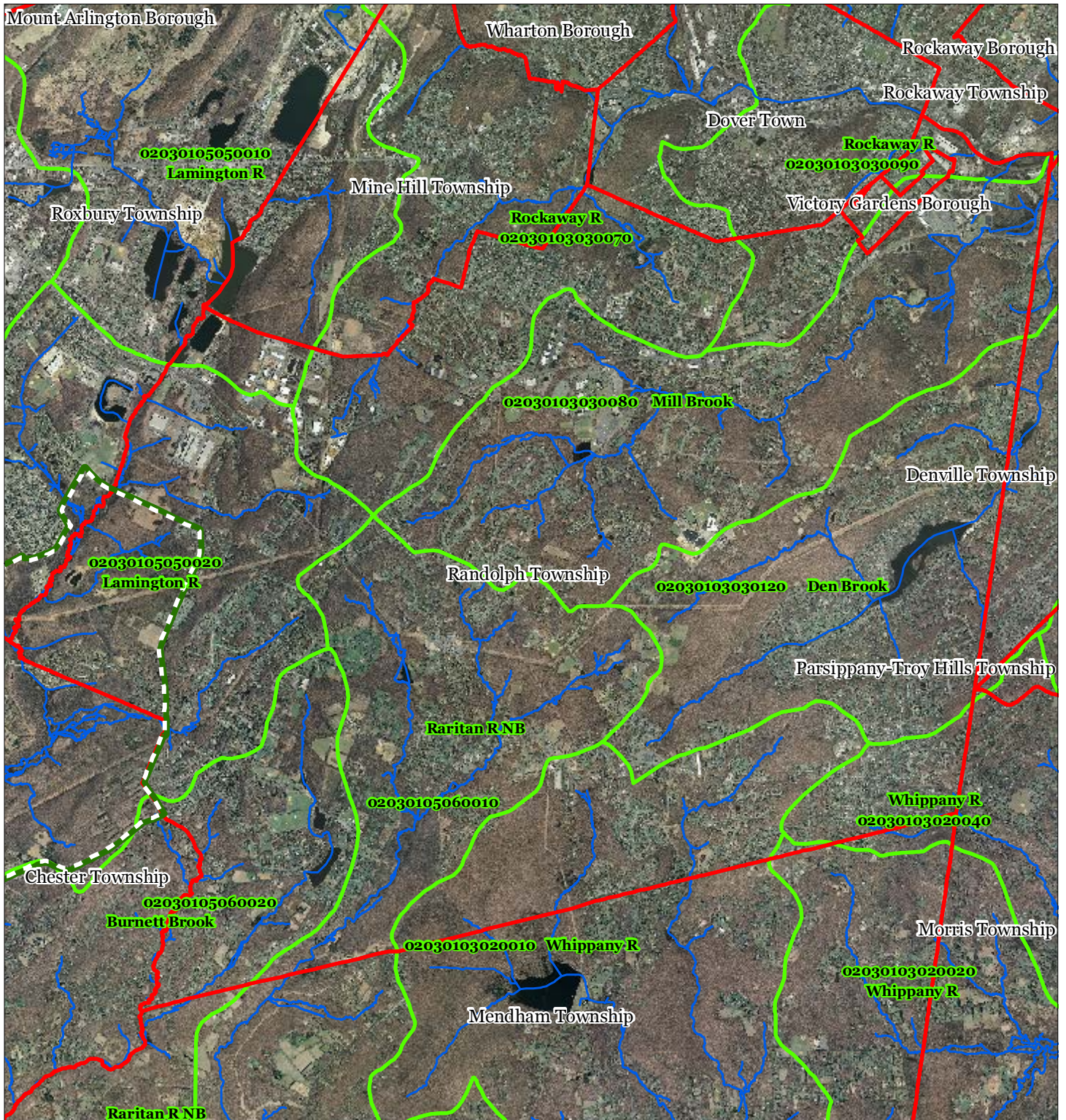
1 inch = 0.794 miles



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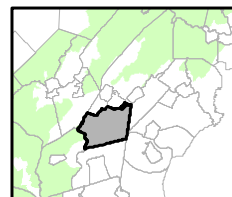
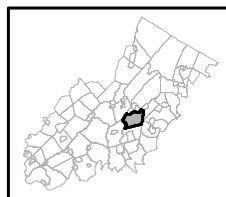


**Figure 3: HUC 14 Boundaries**



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

## Randolph Township



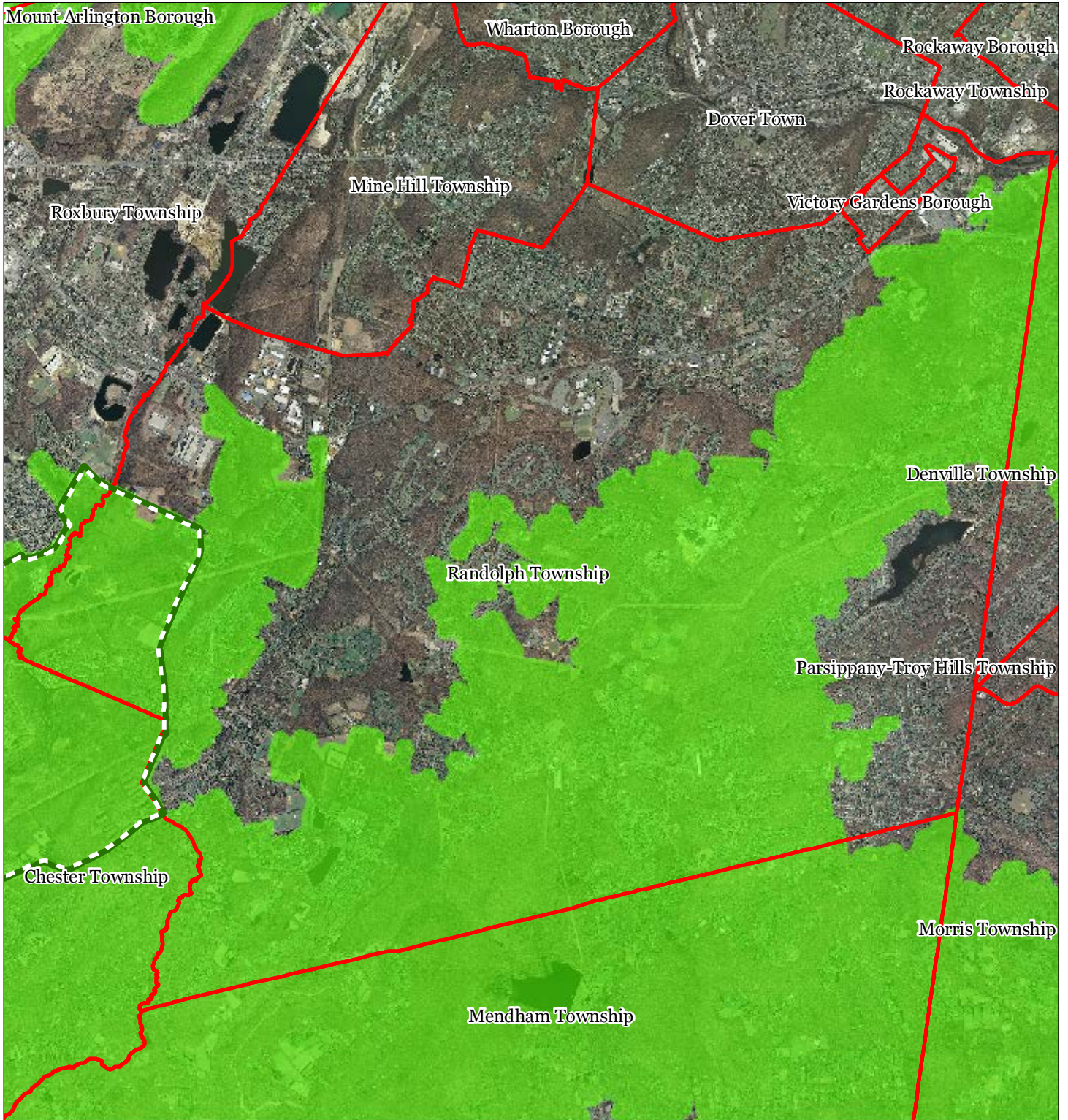
1 inch = 0.794 miles






March 2013

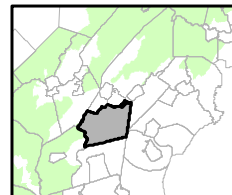
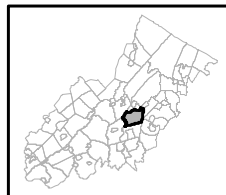


**Figure 4: Forest Resource Area**



-  Forest Resource Area
-  Preservation Area
-  Municipal Boundaries

## Randolph Township



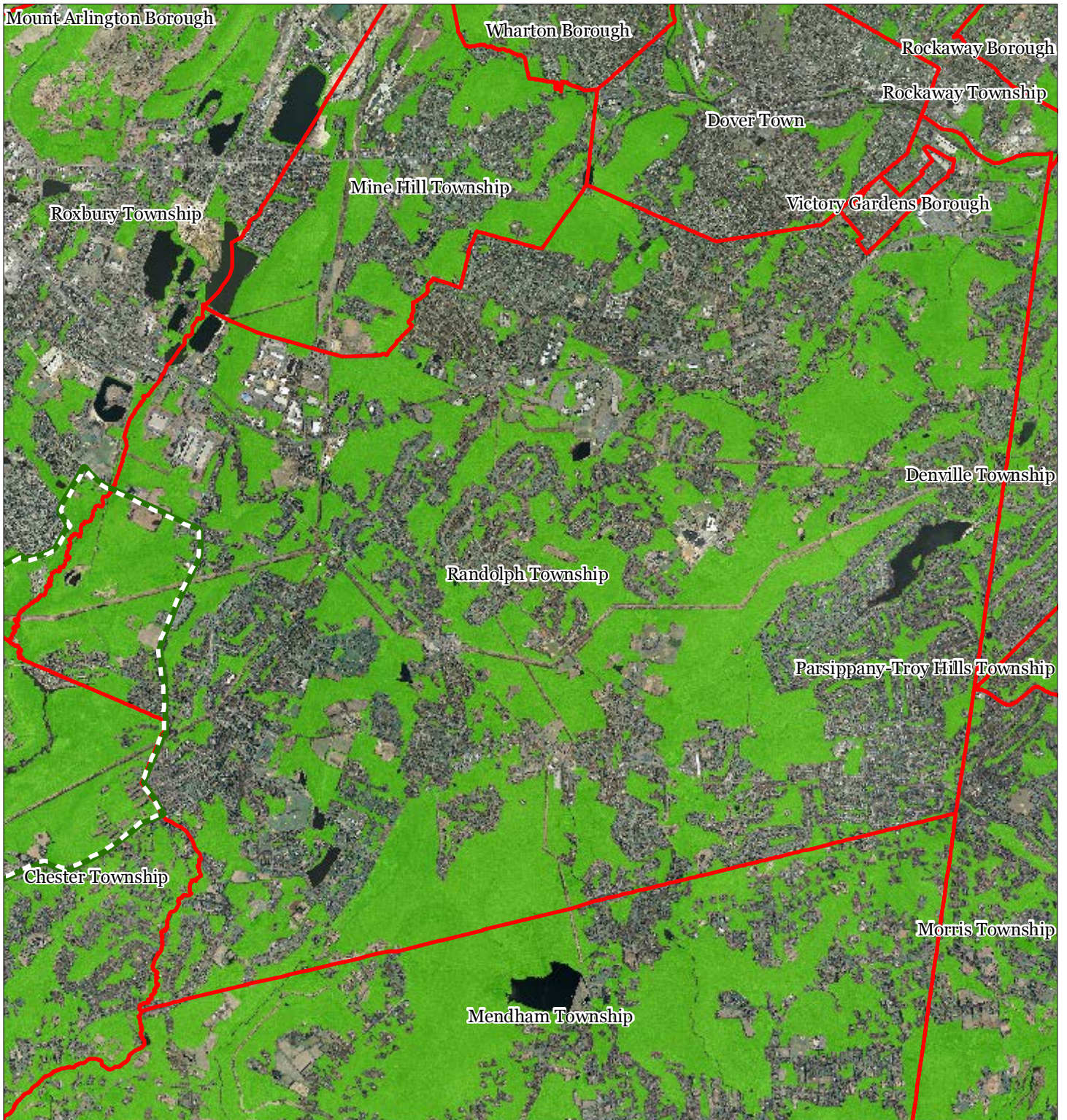
1 inch = 0.794 miles






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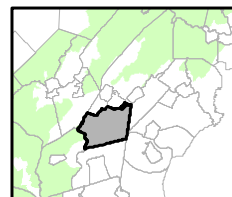
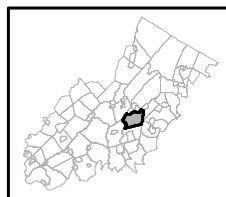


**Figure 5: Total Forest Area**



-  Forested Areas
-  Preservation Area
-  Municipal Boundaries

## Randolph Township



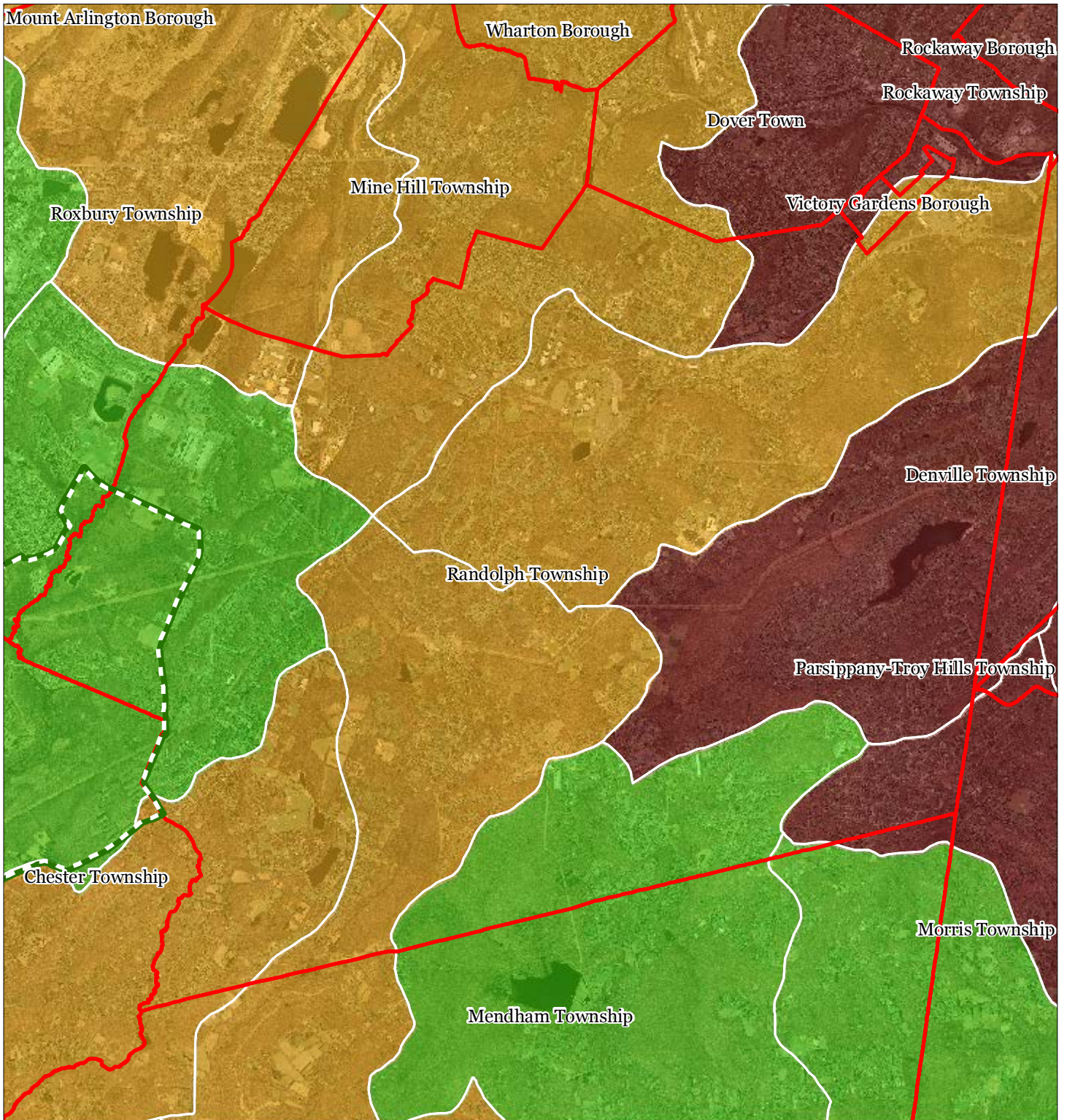
1 inch = 0.794 miles



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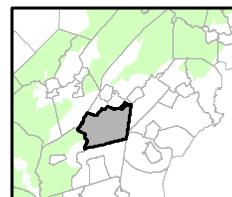
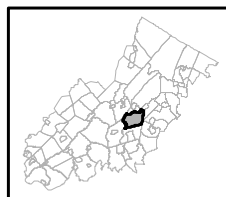
**Figure 6: Forest Subwatersheds**



Forest Integrity by HUC14 Subwatershed

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

**Randolph Township**



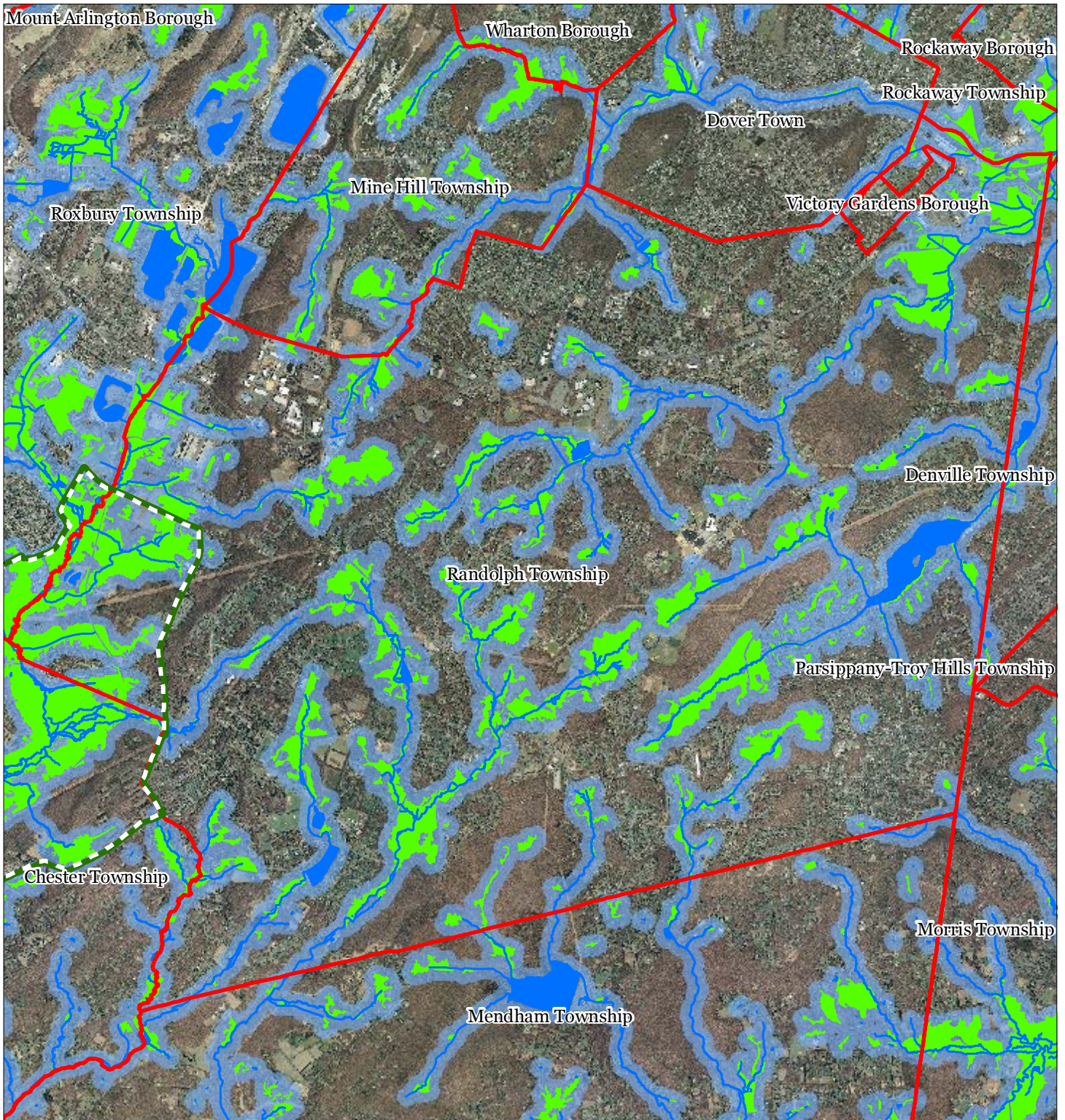
1 inch = 0.794 miles



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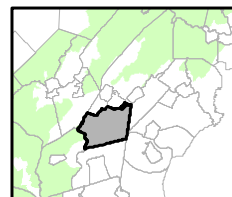
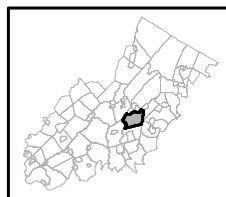


**Figure 7: Highlands Open Waters**



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

## Randolph Township



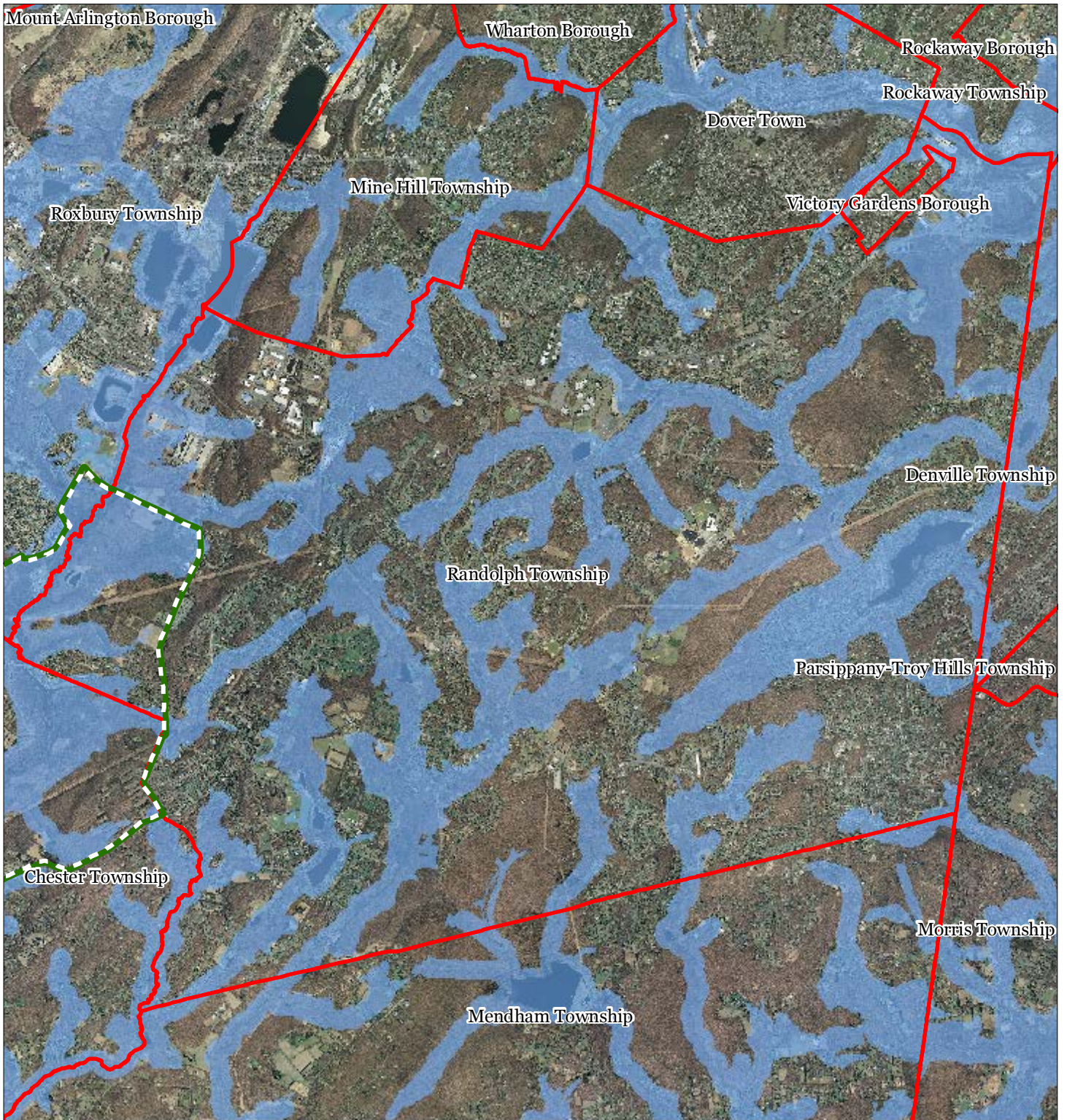
1 inch = 0.794 miles






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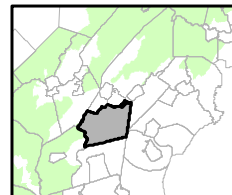
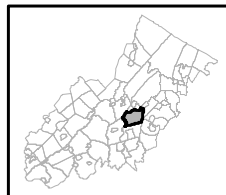


**Figure 8: Highlands Riparian Areas**



-  Riparian Area
-  Preservation Area
-  Municipal Boundaries

## Randolph Township



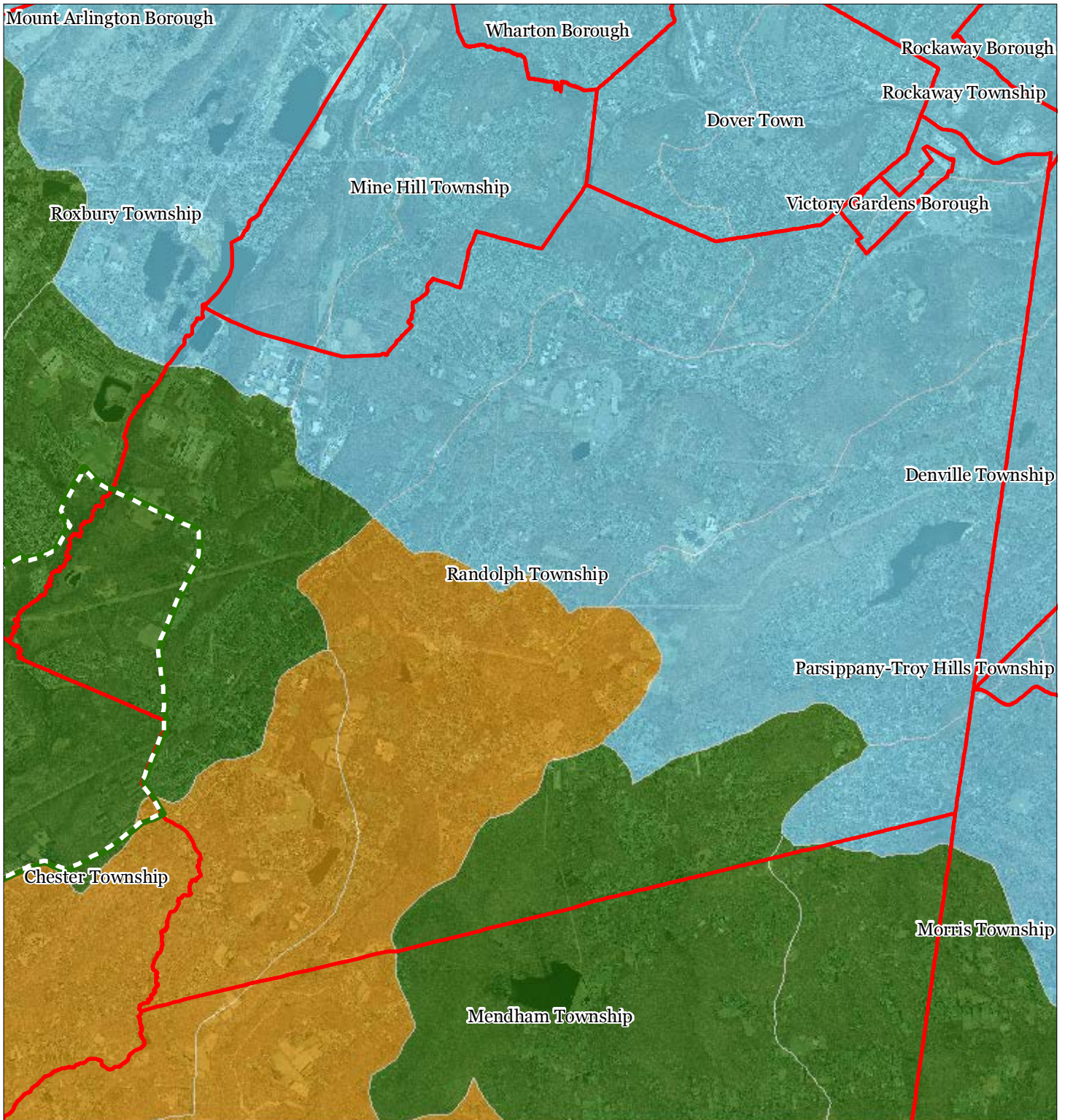
1 inch = 0.794 miles



March 2013



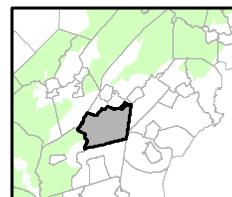
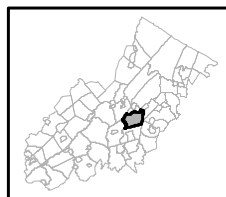
**Figure 9: Watershed Values**



Watershed Values by HUC14 Subwatershed

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

**Randolph Township**



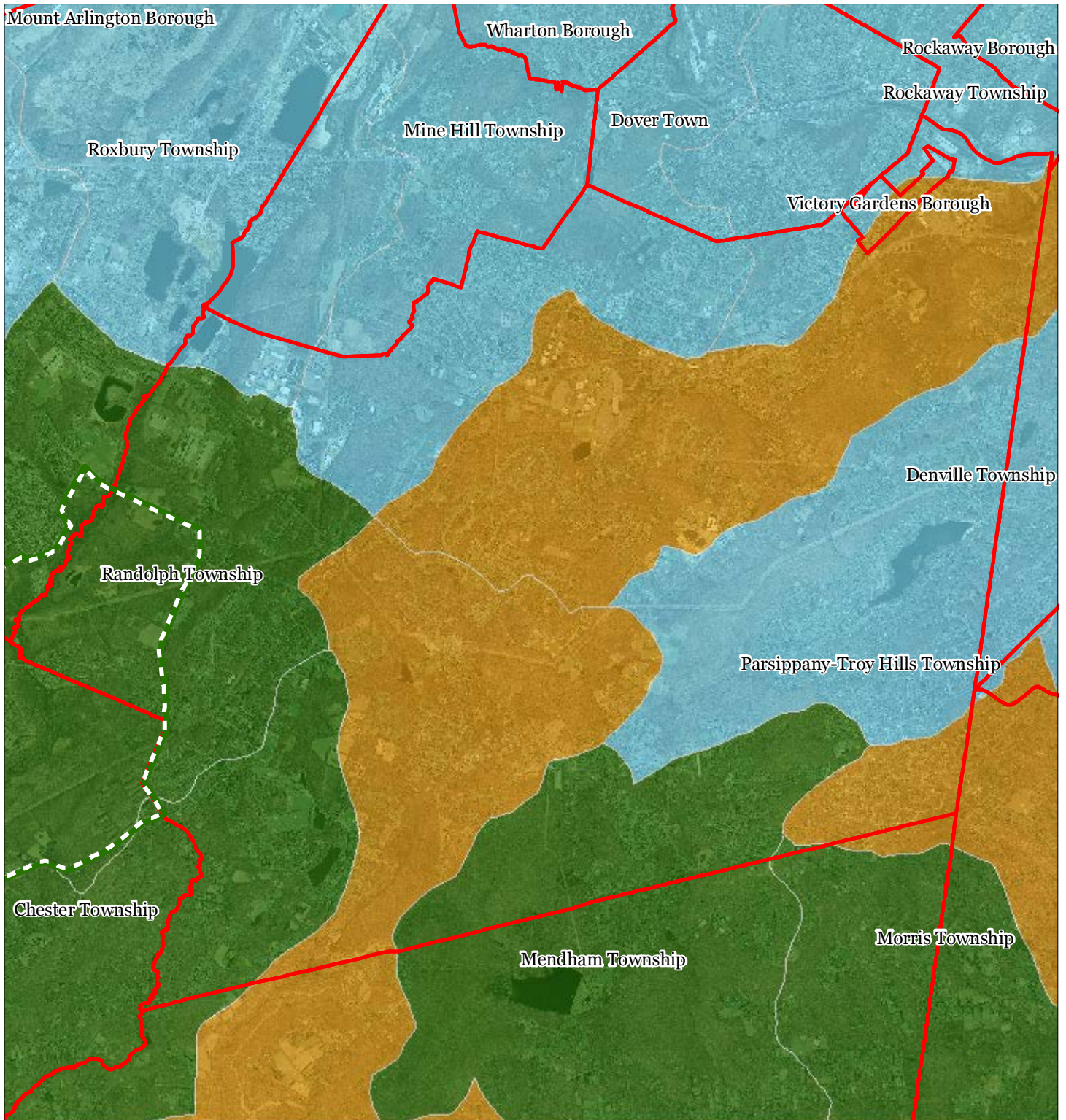
1 inch = 0.794 miles



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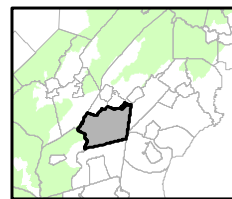
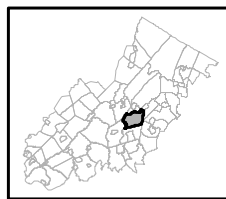
**Figure 10: Riparian Integrity**



Riparian Integrity by HUC14 Subwatershed

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

**Randolph Township**



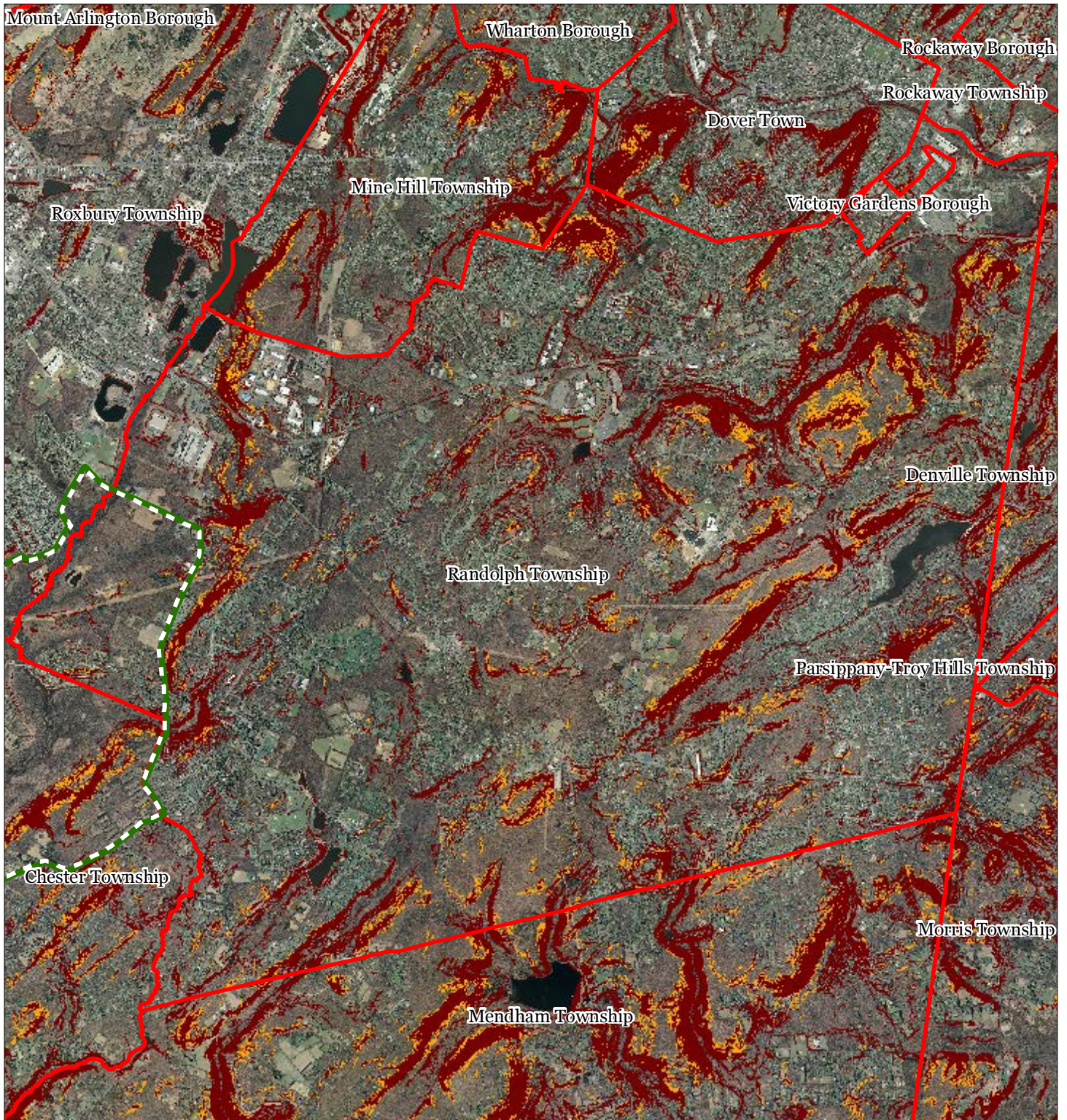
1 inch = 0.794 miles







March 2013



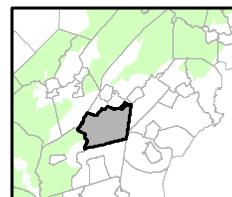
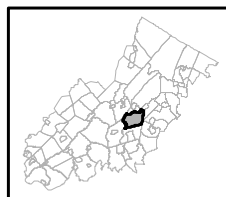
**Figure 11: Steep Slope Protection Areas**



**Steep Slopes**

-  Moderate
-  Severe
-  Preservation Area
-  Municipal Boundaries

**Randolph Township**



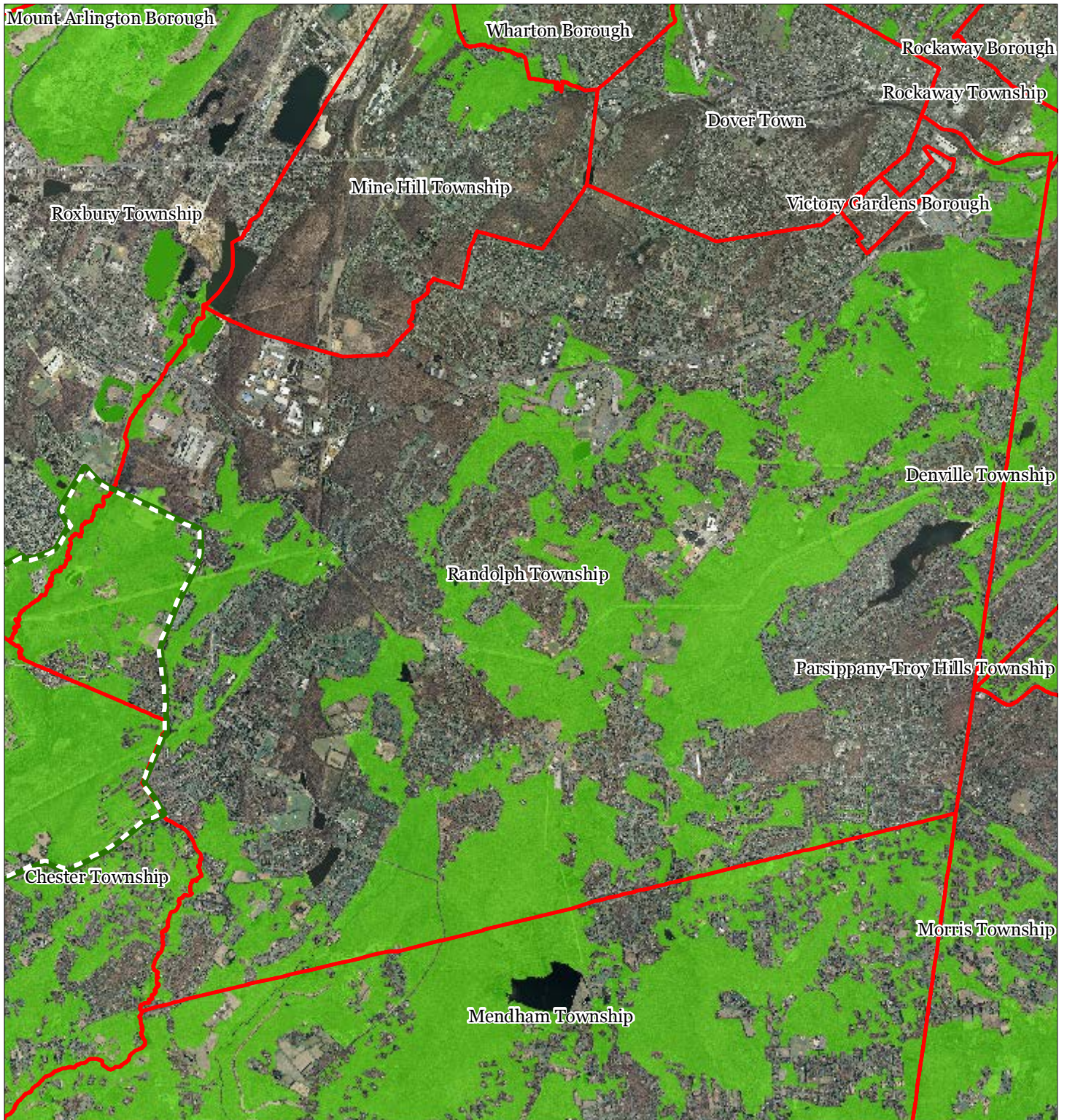
1 inch = 0.794 miles






March 2013

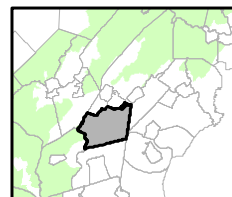
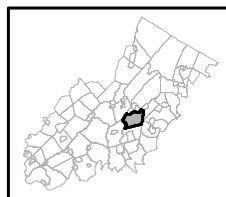


**Figure 12: Critical Wildlife Habitat**



-  Critical Wildlife Habitat
-  Preservation Area
-  Municipal Boundaries

## Randolph Township



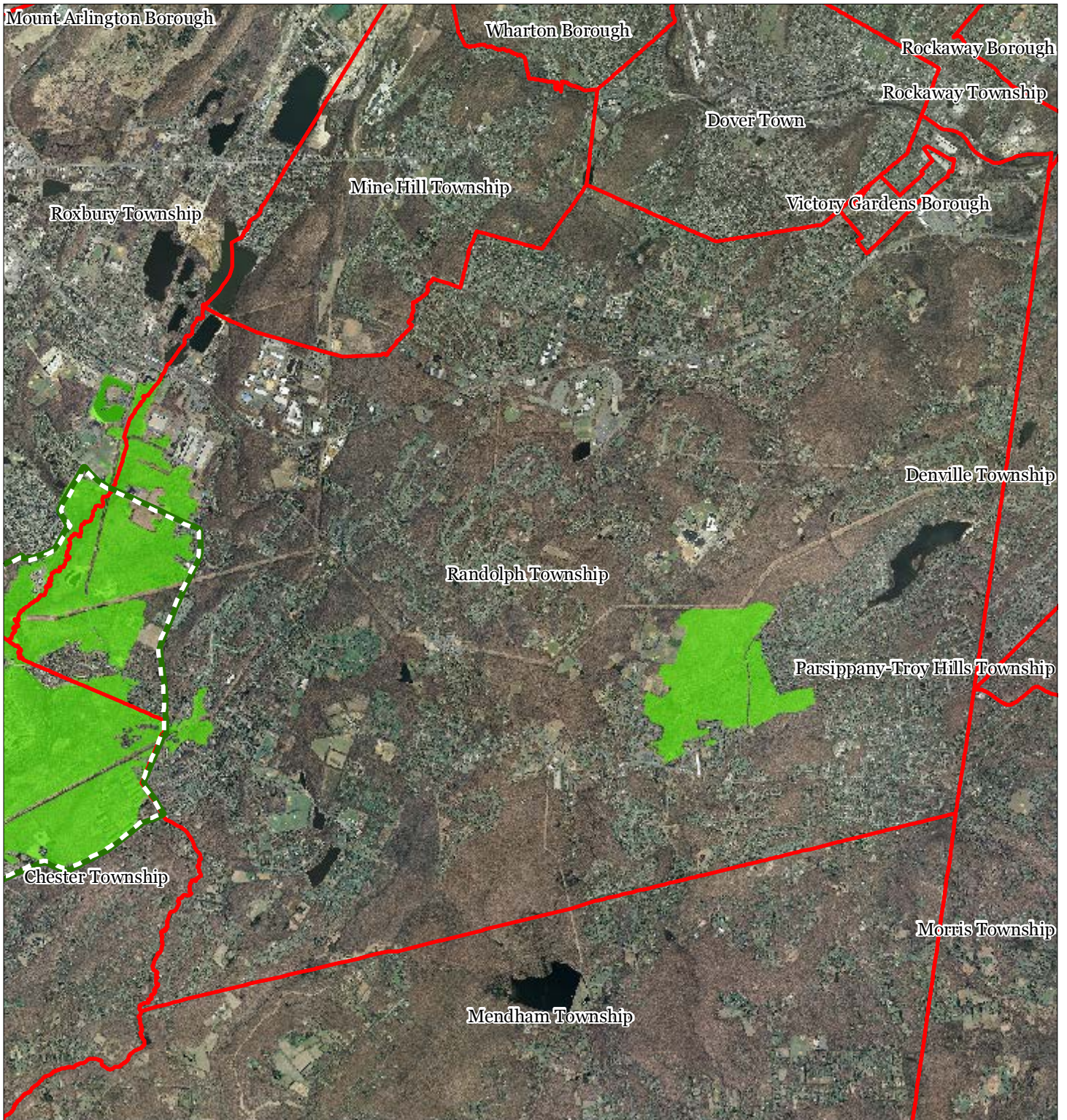
1 inch = 0.794 miles






March 2013

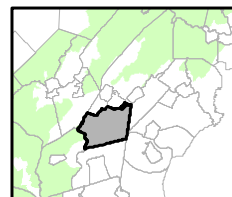
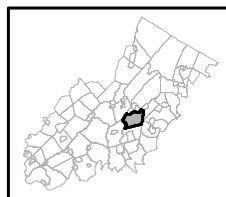


**Figure 13: Significant Natural Areas**



-  Significant Natural Areas
-  Preservation Area
-  Municipal Boundaries

## Randolph Township



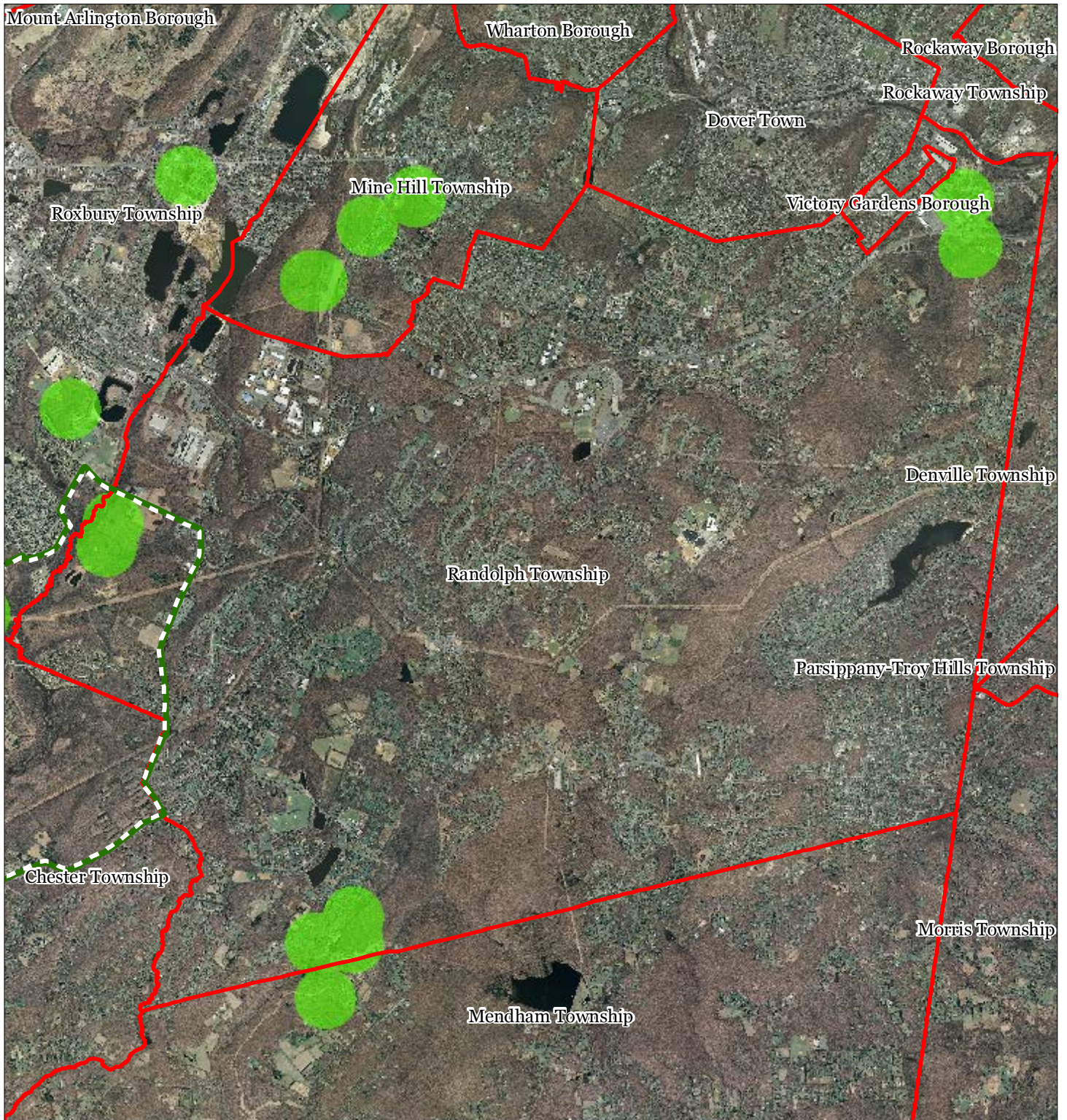
1 inch = 0.794 miles






March 2013

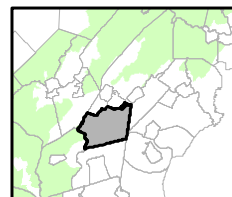
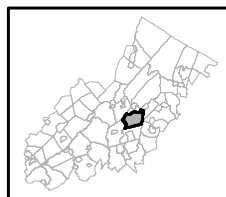


**Figure 14: Vernal Pools**



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

## Randolph Township



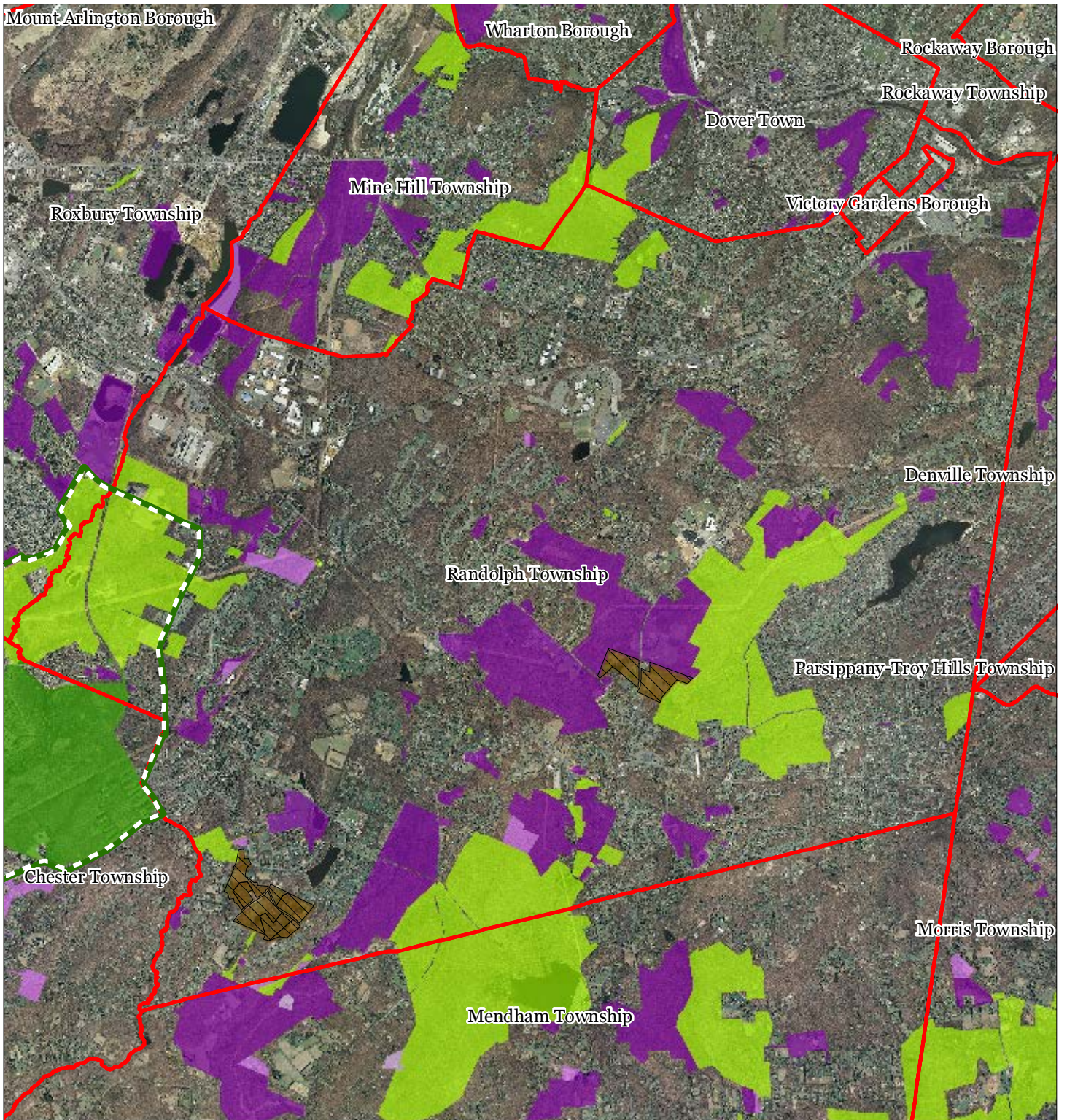
1 inch = 0.794 miles



March 2013



**Figure 15: Preserved Lands**



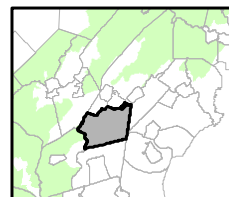
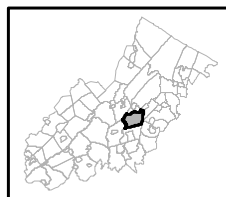
**Preserved Lands**

- Federal Open Space
- State Open Space
- County Open Space
- Municipal Open Space
- Non-Profit/Private Open Space
- Water Supply Watershed Lands
- Preserved Farmland
- Highlands Transfer of Development Lands

**Conservation Easements**

- Green Acres
- SADC Easements**
- SADC Final
- SADC Preserved
- Municipal Boundaries
- Preservation Area

**Randolph Township**



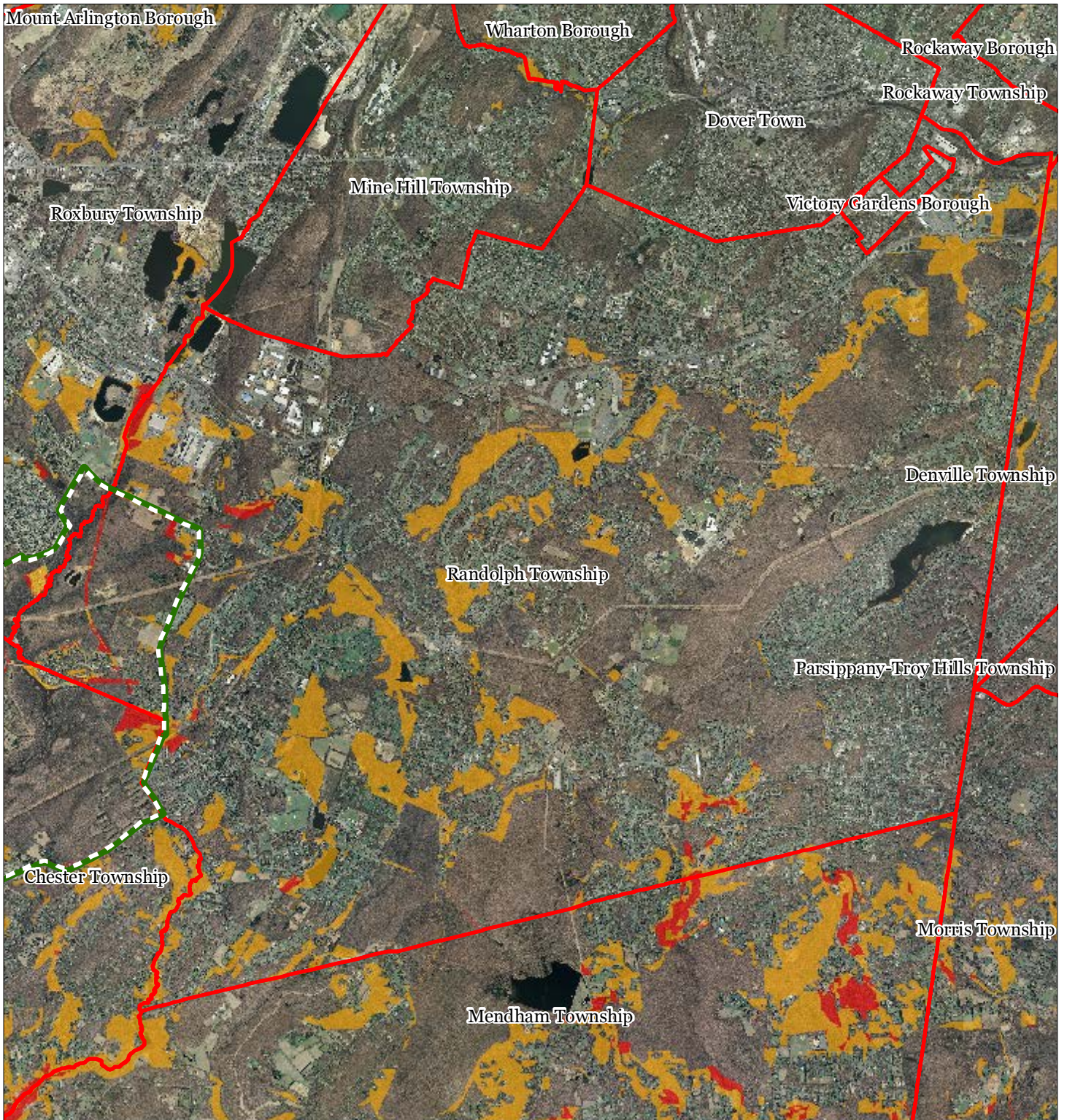
1 inch = 0.794 miles



March 2013



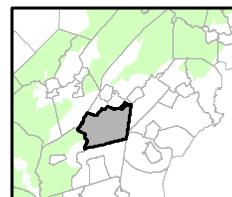
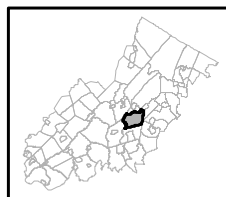
**Figure 16: Highlands Conservation Priority Areas**



Conservation Priority Area

- Moderate*
- High*
- Preservation Area
- Municipal Boundaries

**Randolph Township**



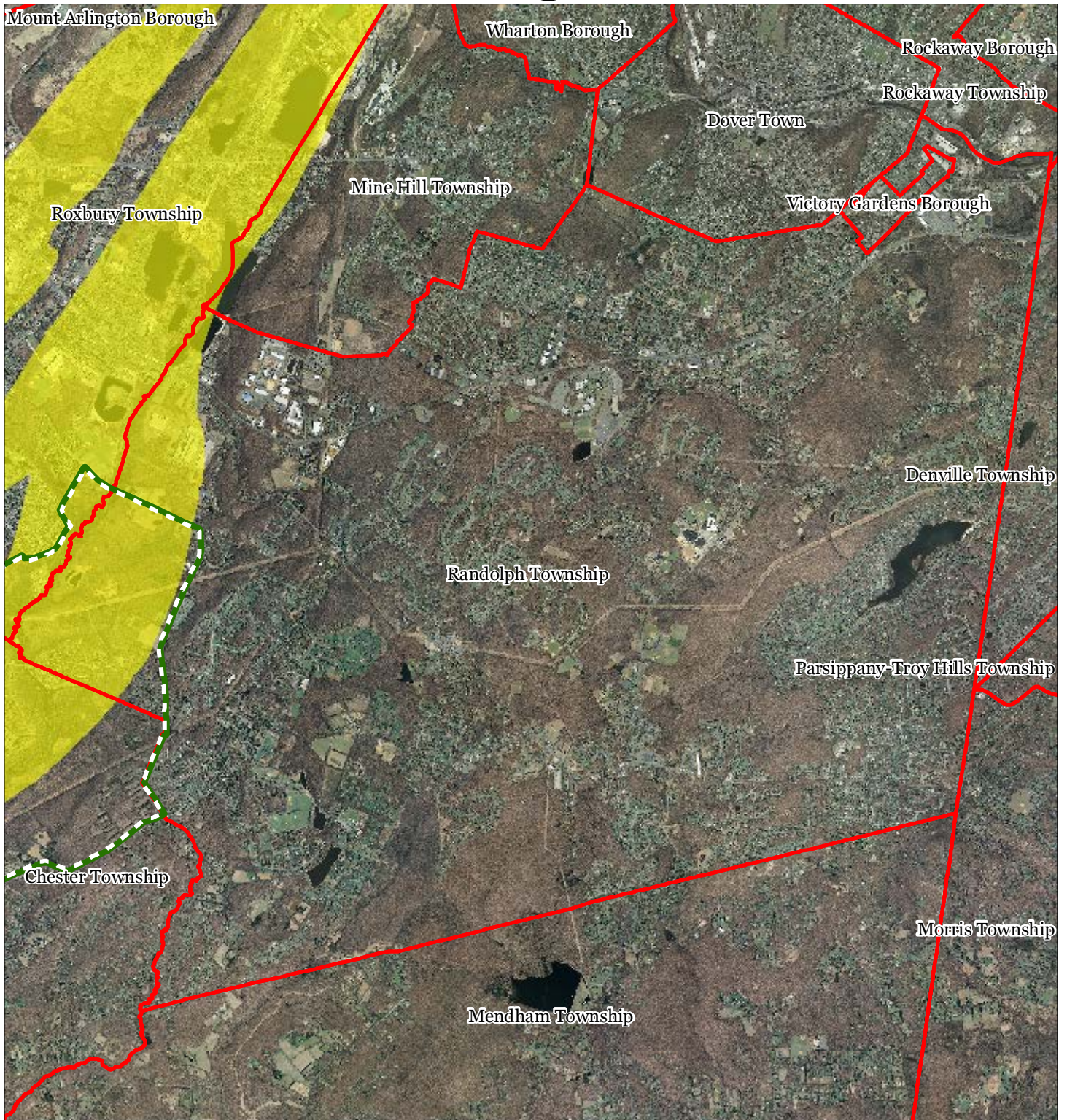
1 inch = 0.794 miles






March 2013

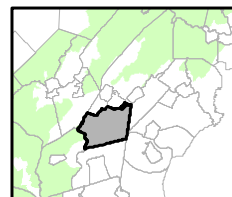
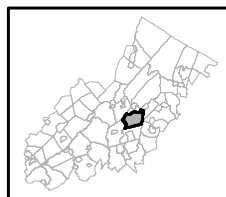


**Figure 18: Carbonate Rock Area**



-  Carbonate Rock Area
-  Preservation Area
-  Municipal Boundaries

## Randolph Township



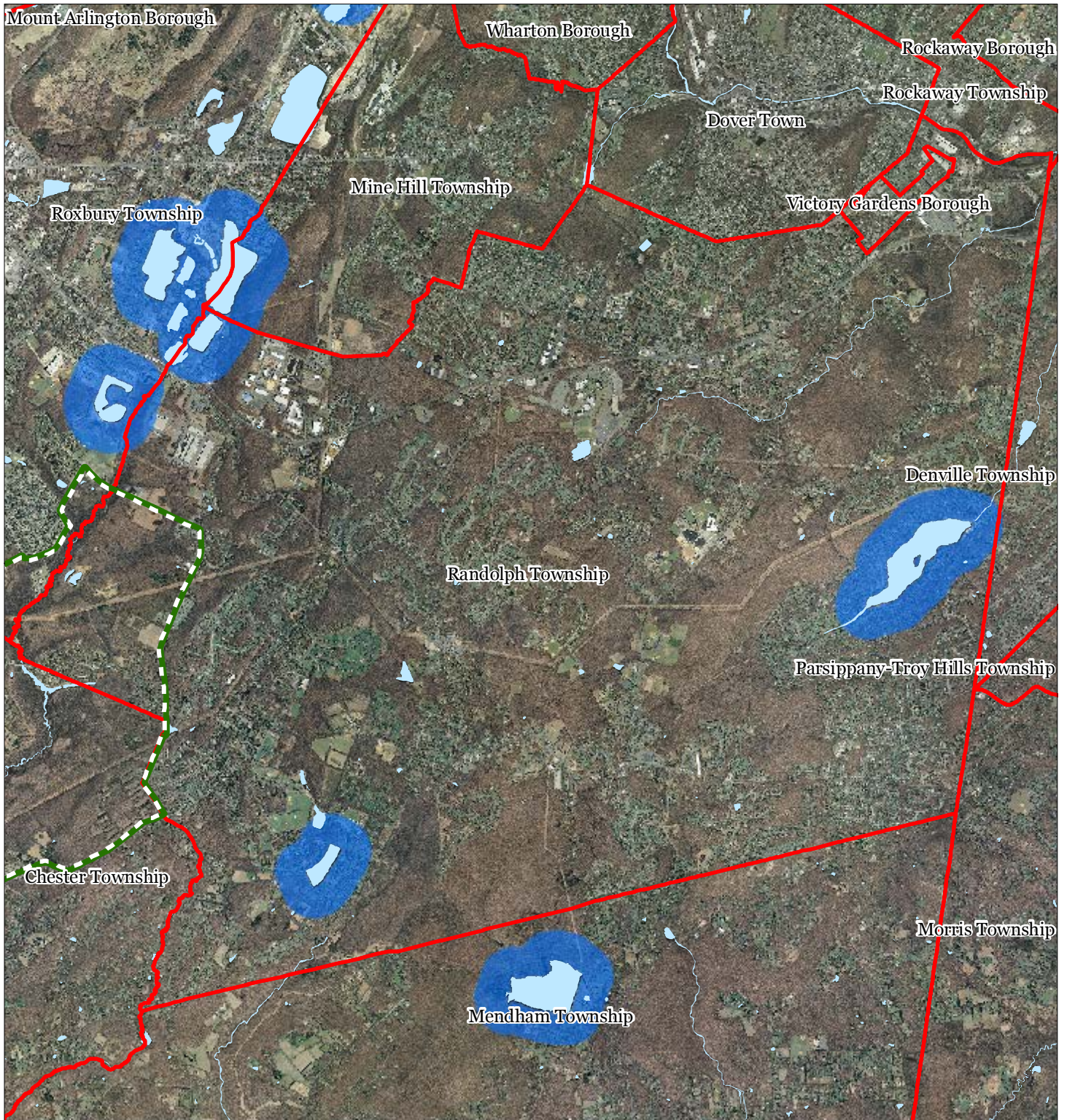
1 inch = 0.794 miles



March 2013

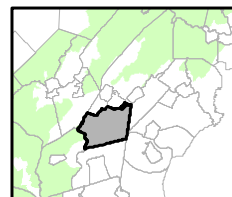
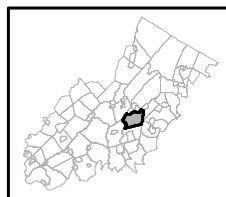


**Figure 19: Lake Management Area**



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

## Randolph Township



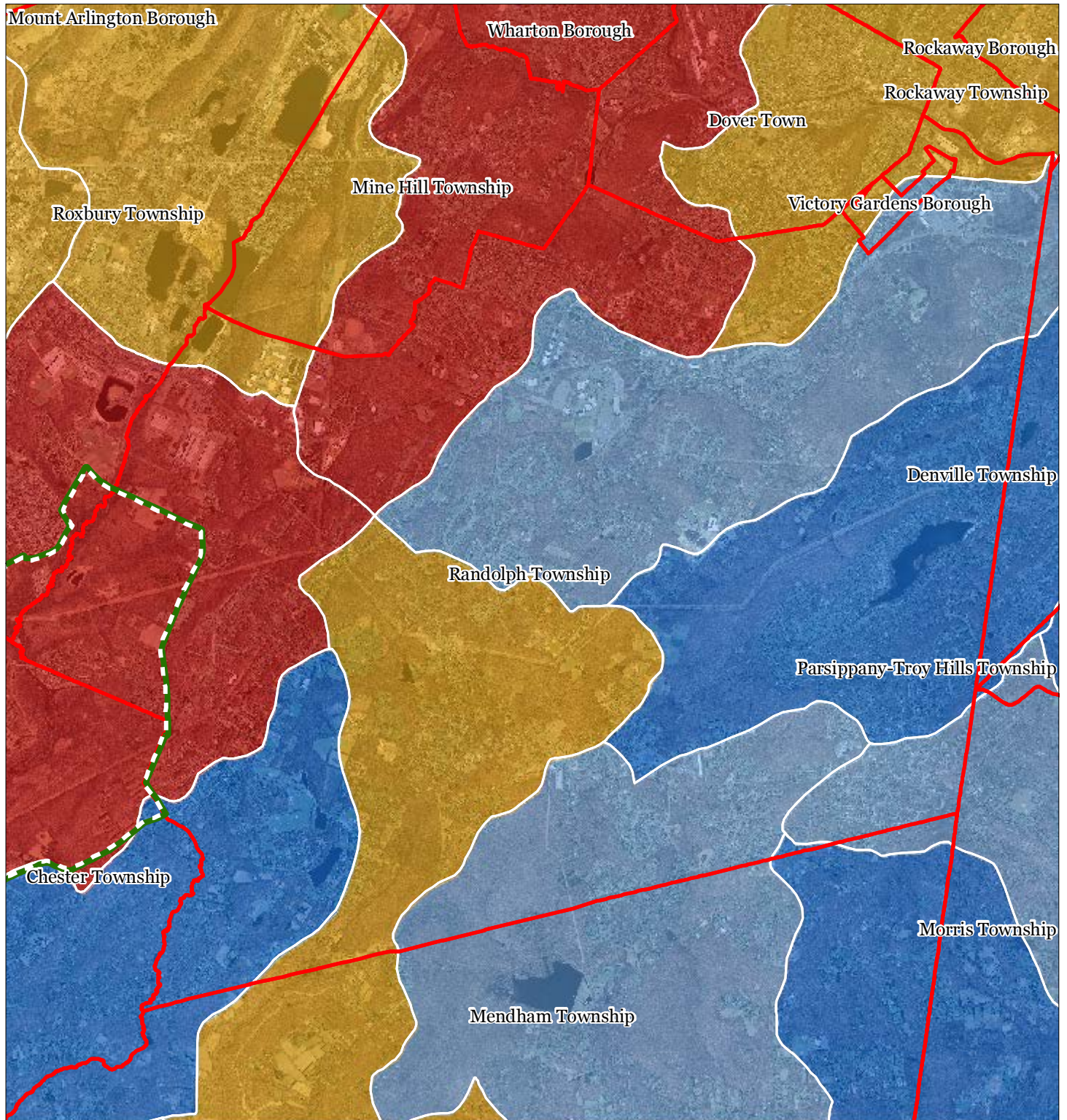
1 inch = 0.794 miles



March 2013

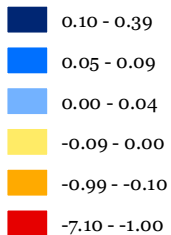




**Figure 20: Net Water Availability**



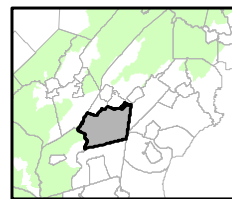
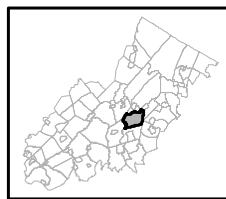
Net Water Availability By HUC14

Million Gallons Per Day (MGD)



 Preservation Area  
 Municipal Boundaries

## Randolph Township



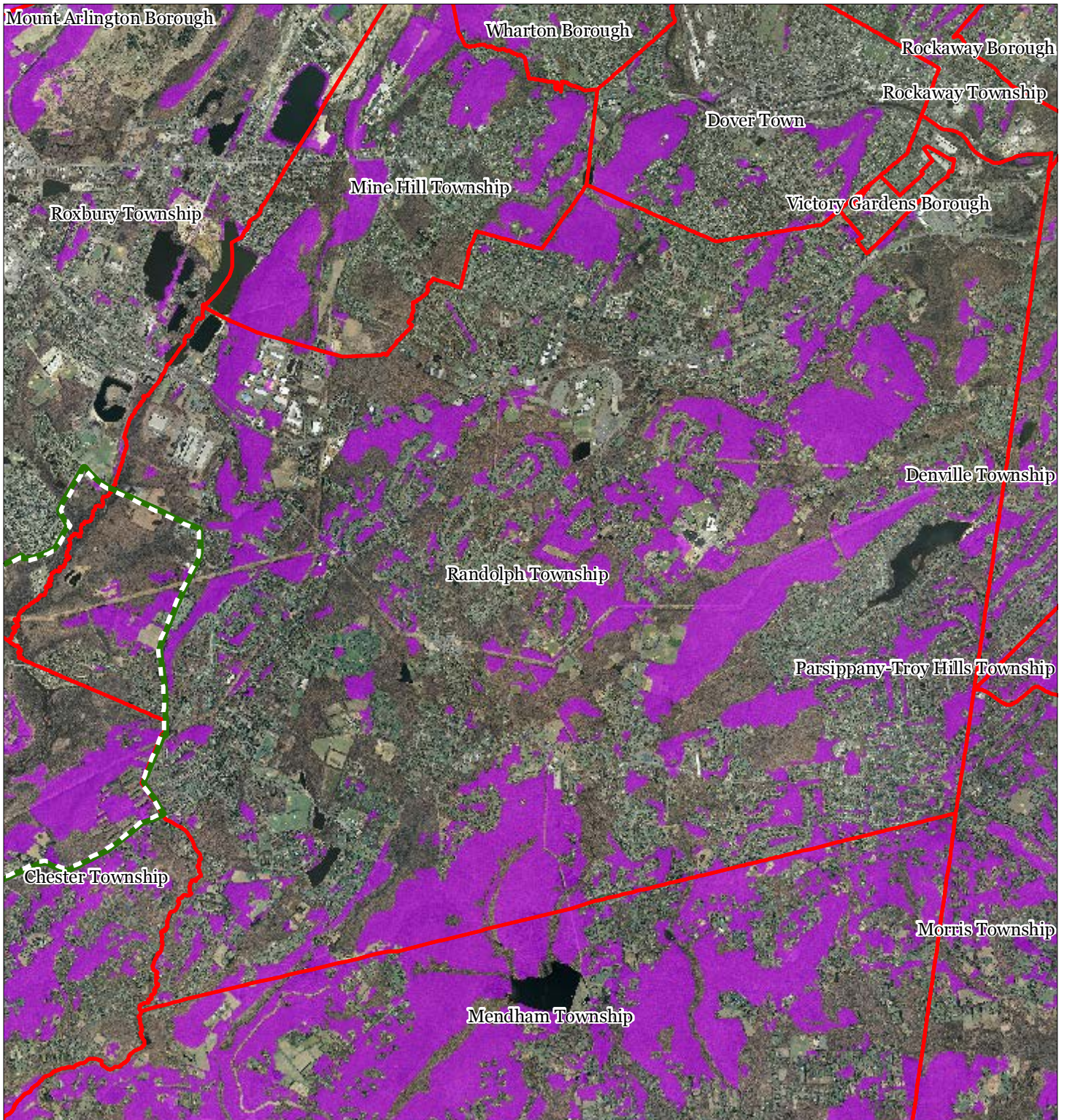
1 inch = 0.794 miles






March 2013

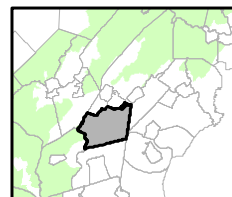
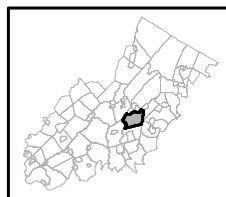


**Figure 21: Prime Ground Water Recharge Areas**



-  Prime Groundwater Recharge Areas
-  Preservation Area
-  Municipal Boundaries

## Randolph Township



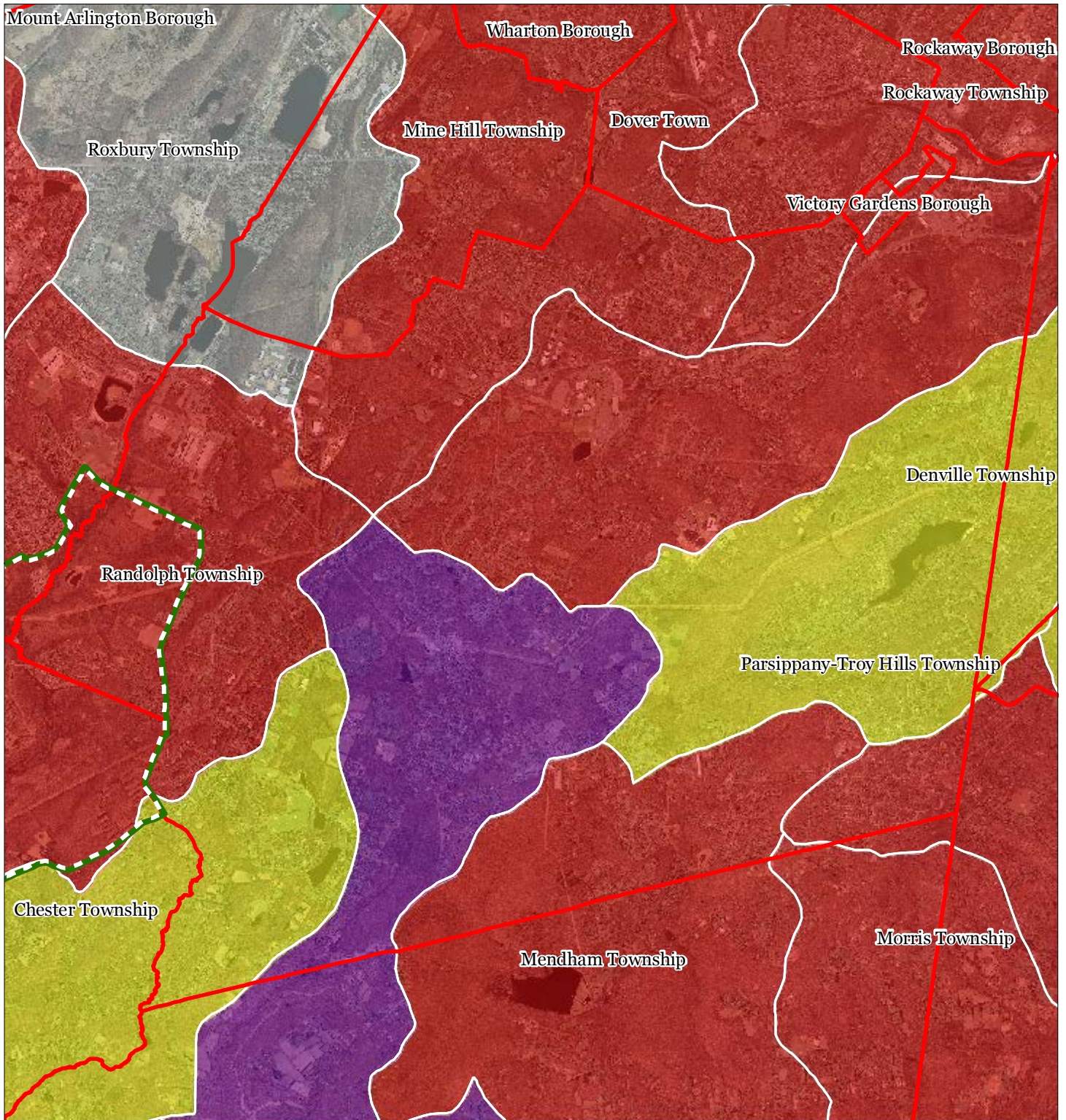
1 inch = 0.794 miles



March 2013



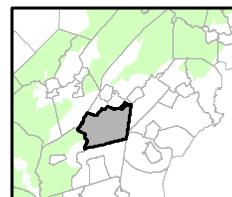
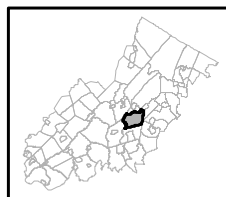
**Figure 22: HUC 14s on NJDEP Impaired Waters List**



Impaired Waters Overall Assessment by HUC14 Subwatershed

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

## Randolph Township



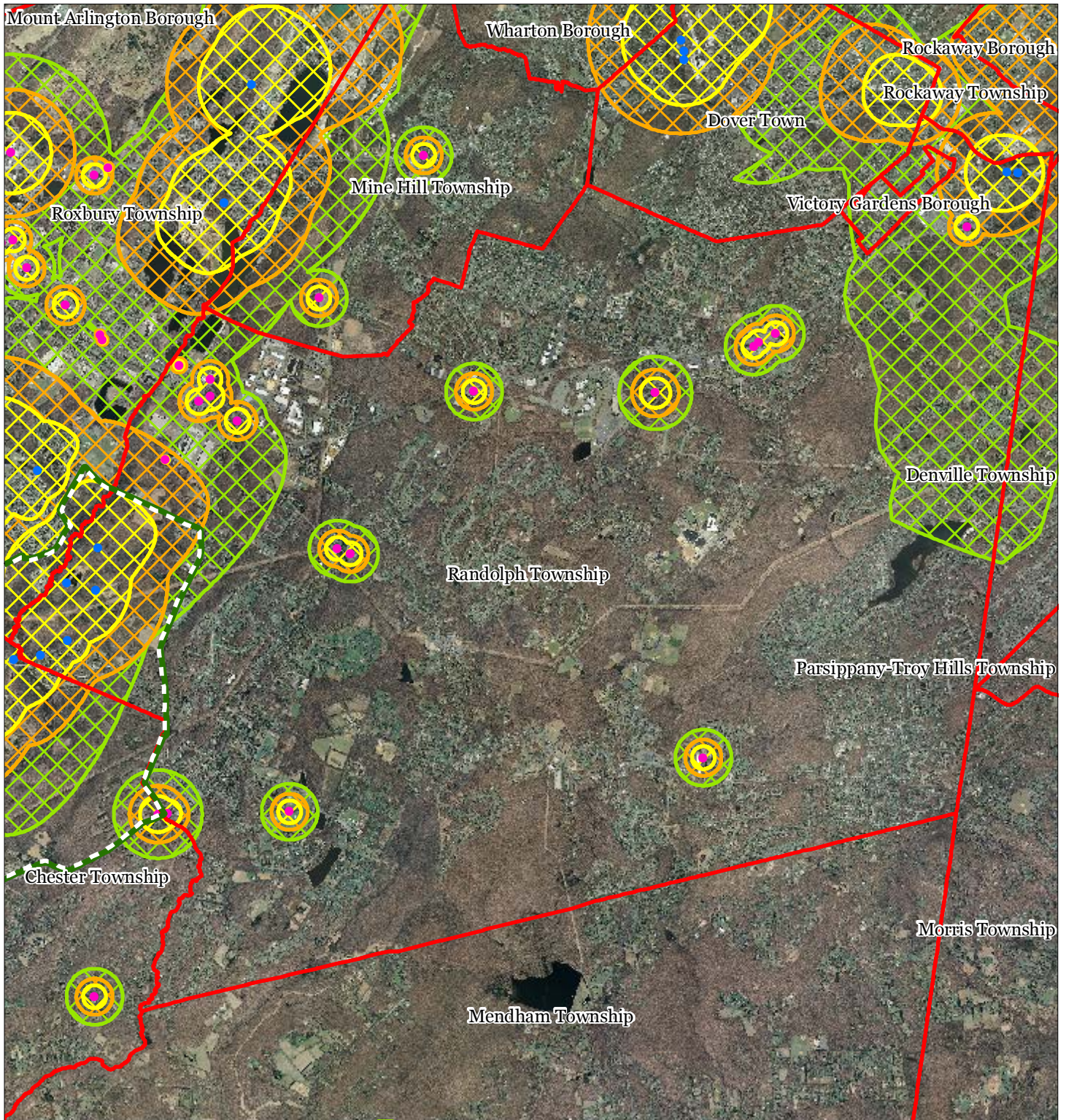
1 inch = 0.794 miles



March 2013



**Figure 23: Wellhead Protection Areas**



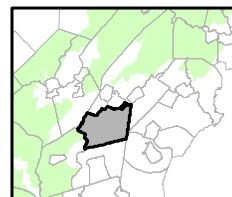
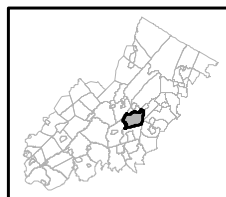
- Public Community Wells
- Public Non-Community Wells

**Wellhead Protection Areas**

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

- Preservation Area
- Municipal Boundaries

**Randolph Township**



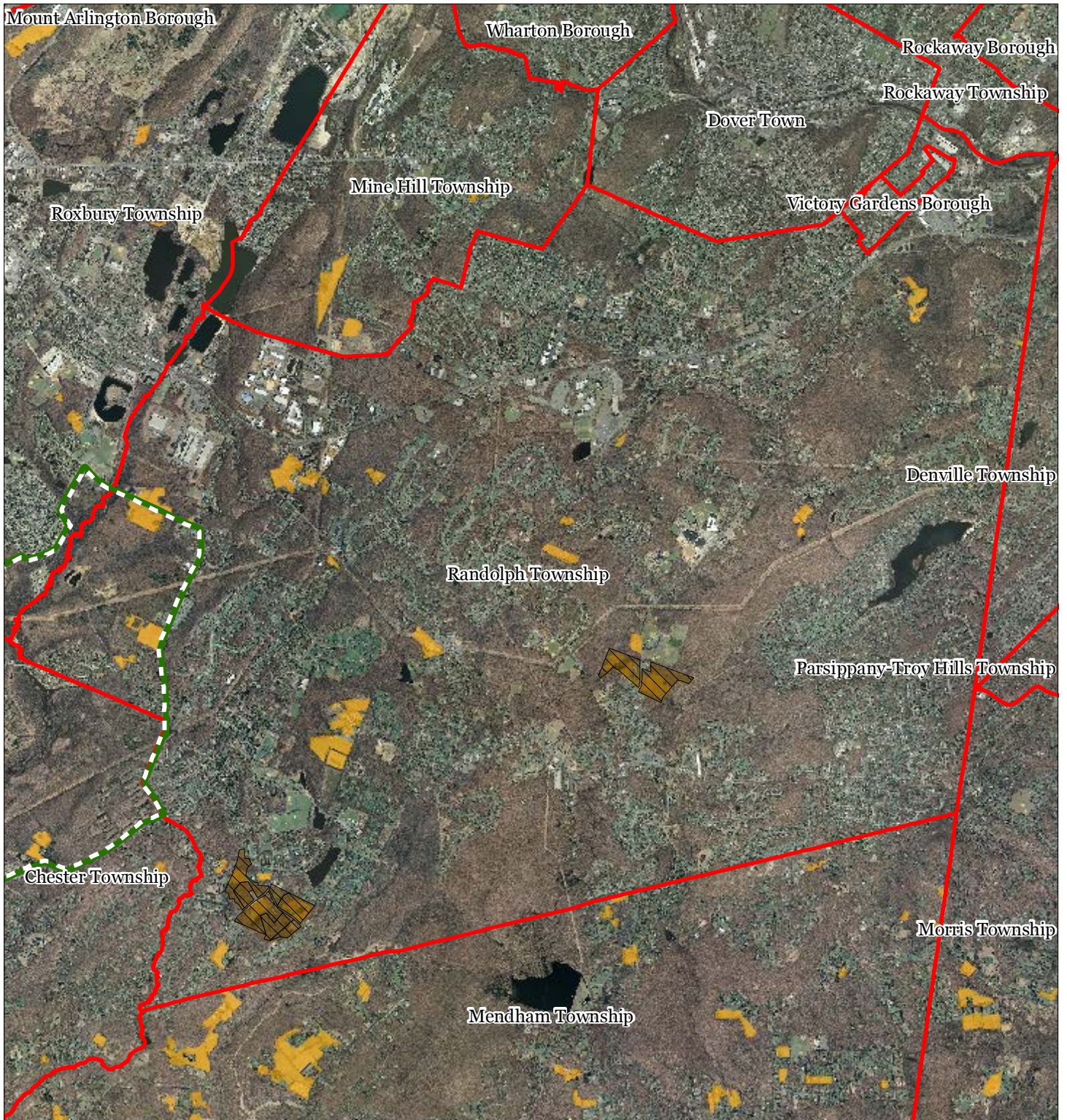
1 inch = 0.794 miles



March 2013



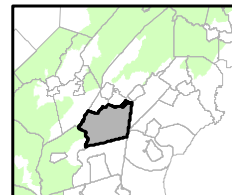
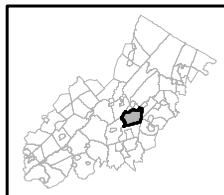
**Figure 26: Preserved Farms, SADC Easements, All Agricultural Uses**



SADC Easements

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

**Randolph Township**



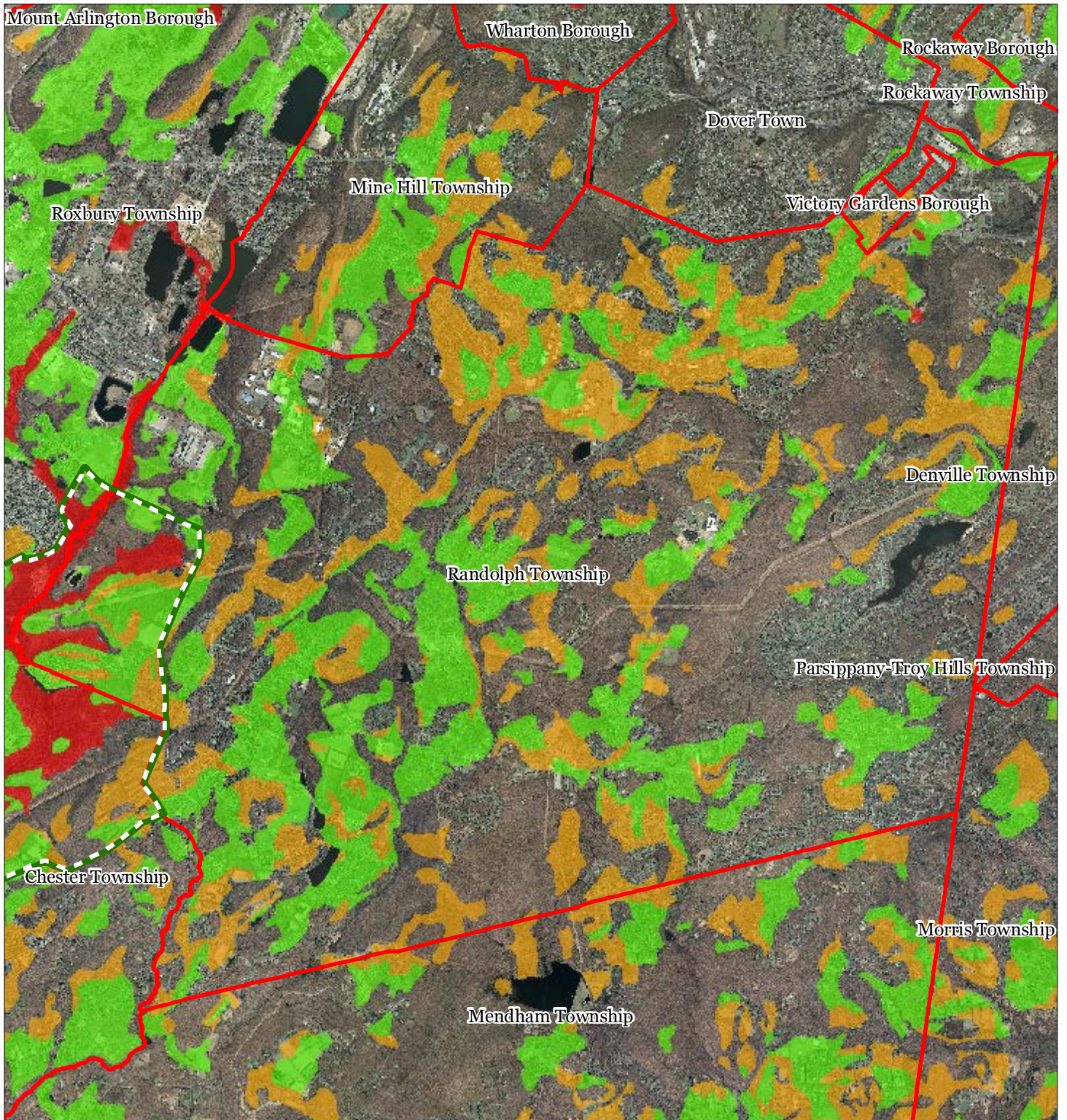
1 inch = 0.794 miles



March 2013



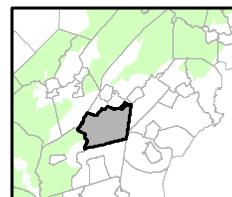
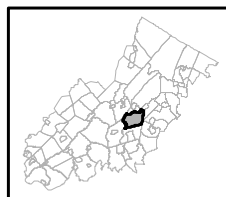
**Figure 27: Important Farmland Soils**



**Important Farmland Soils**

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

**Randolph Township**



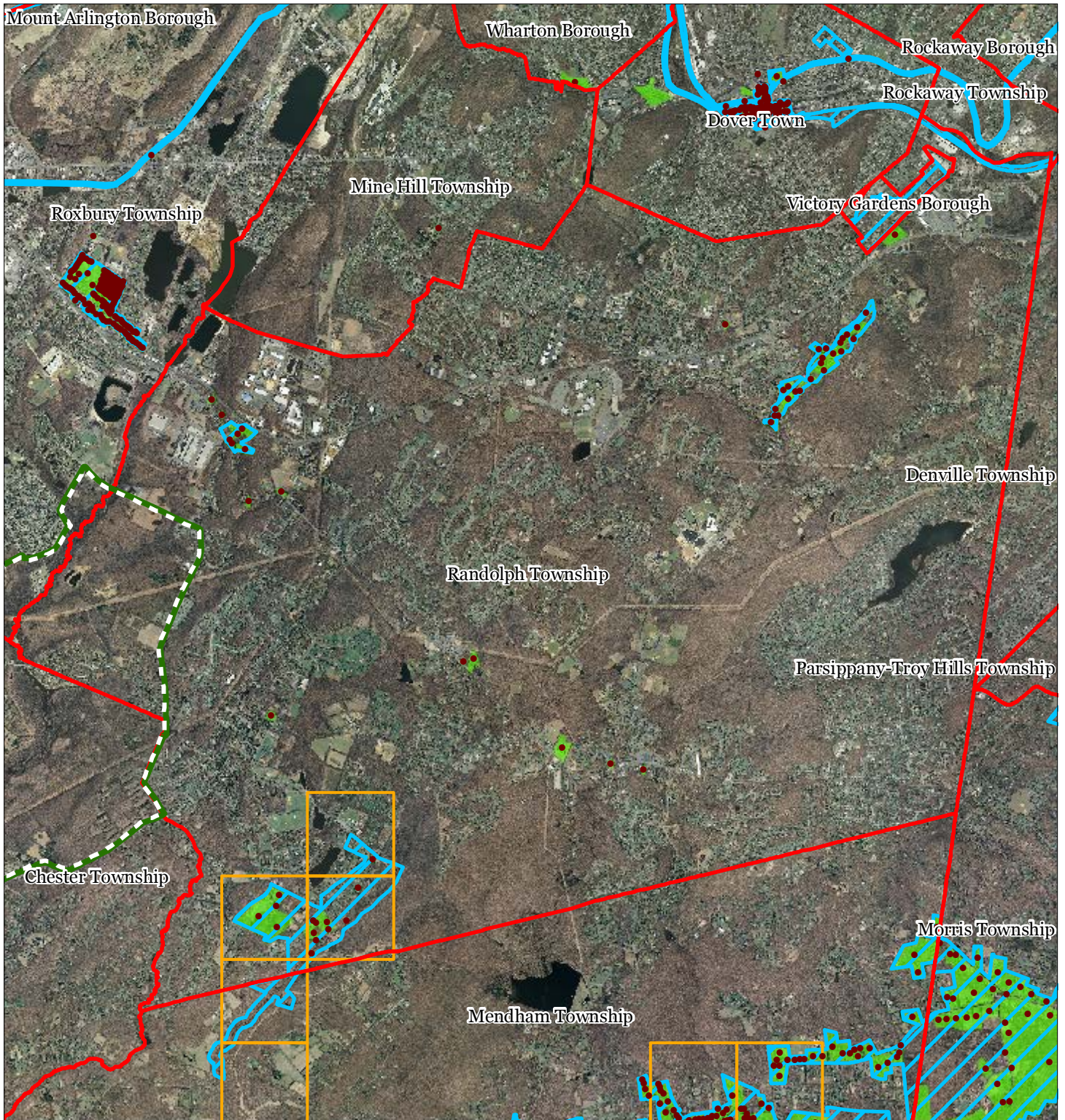
1 inch = 0.794 miles








March 2013

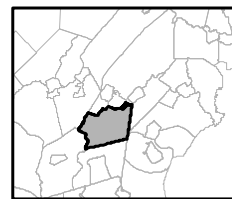
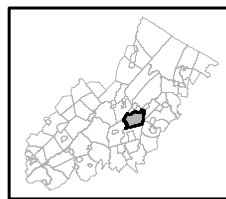


**Figure 28:** Historic, Cultural, and Archaeological Resources Inventory



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

## Randolph Township



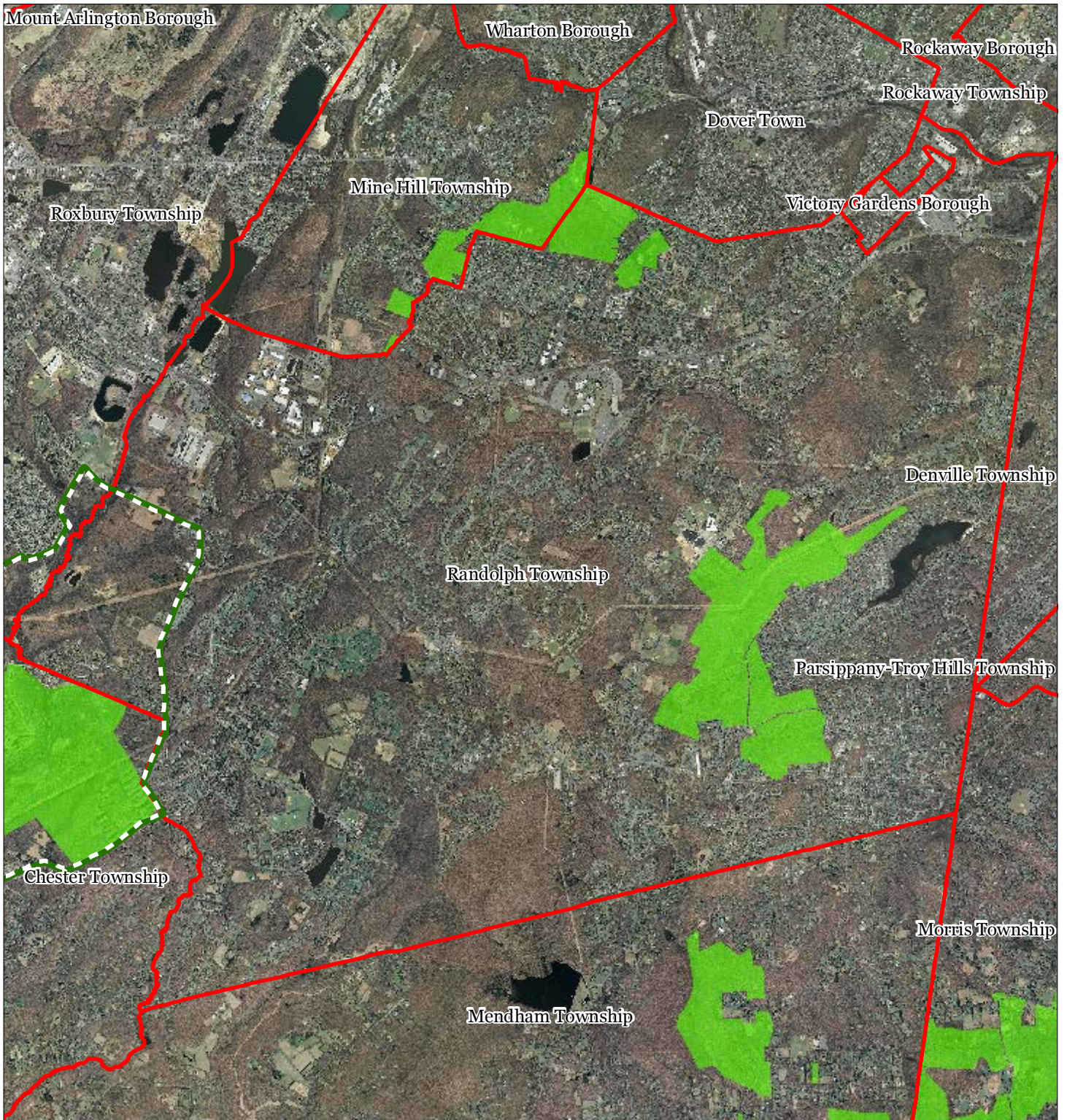
1 inch = 0.794 miles






March 2013

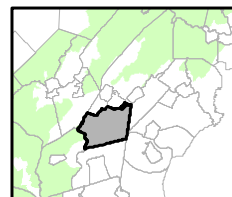
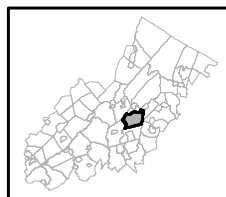


**Figure 29: Baseline Scenic Resources Inventory**



-  Scenic Resources
-  Municipal Boundaries
-  Preservation Area

## Randolph Township



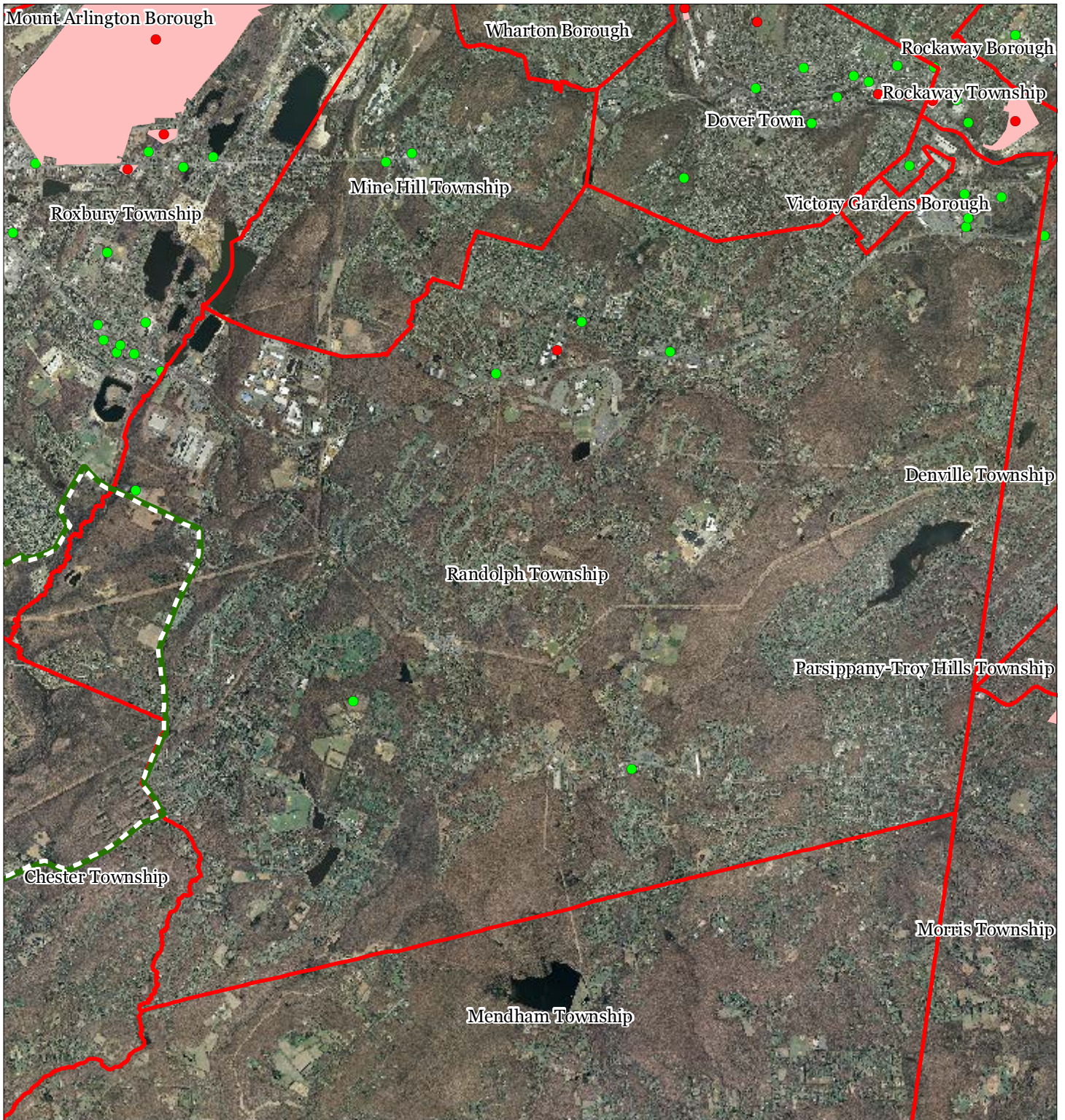
1 inch = 0.794 miles



March 2013



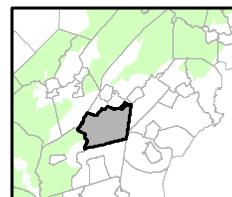
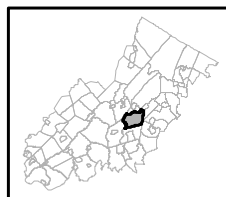
## Figure 30: Highlands Contaminated Site Inventory



Highlands Contaminated Site Inventory

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

## Randolph Township



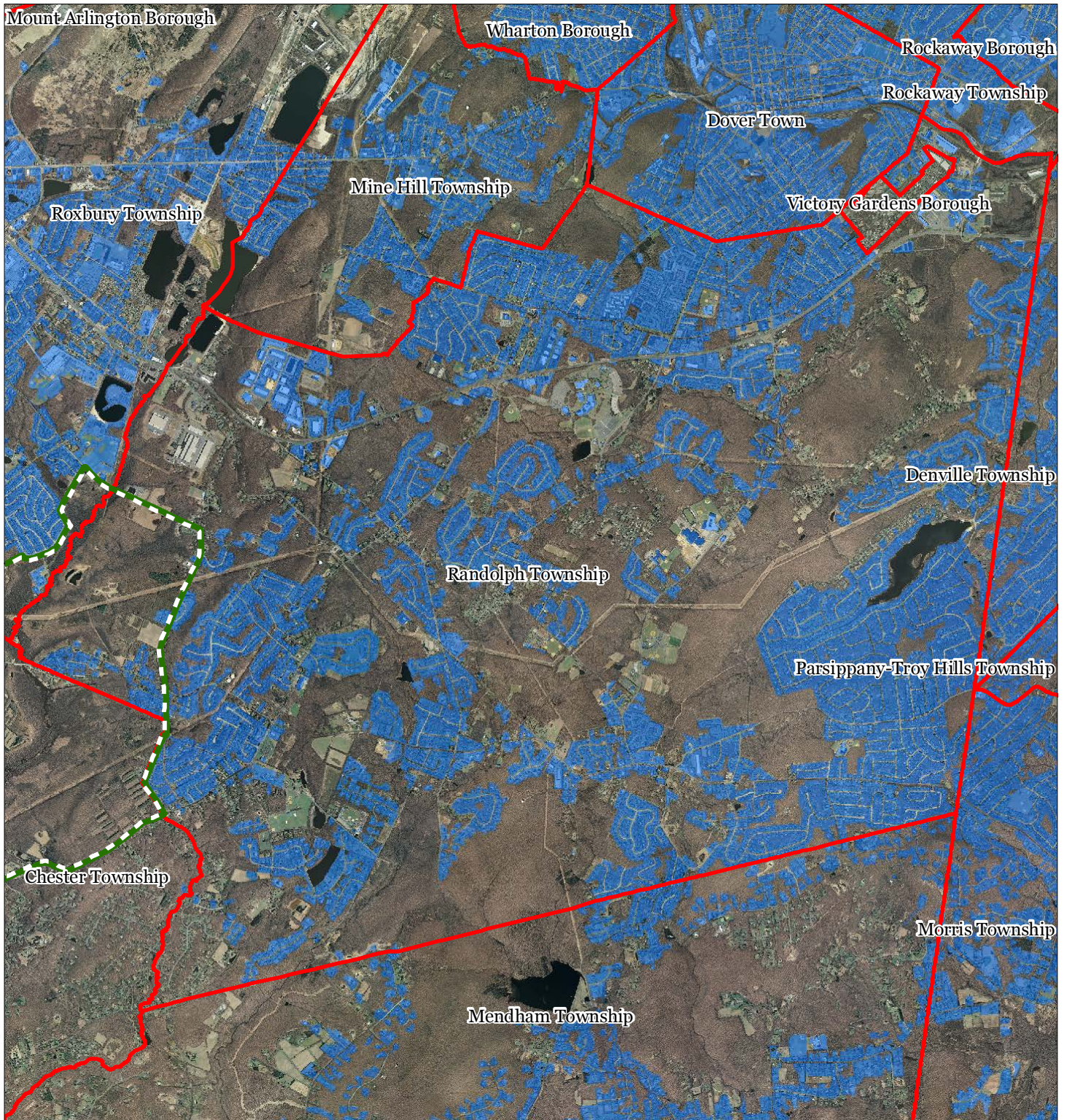
1 inch = 0.794 miles






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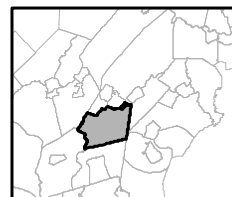
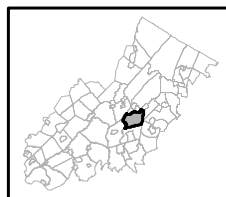


**Figure 31: Public Community Water Systems**



-  Public Community Water Systems
-  Preservation Area
-  Municipal Boundaries

## Randolph Township



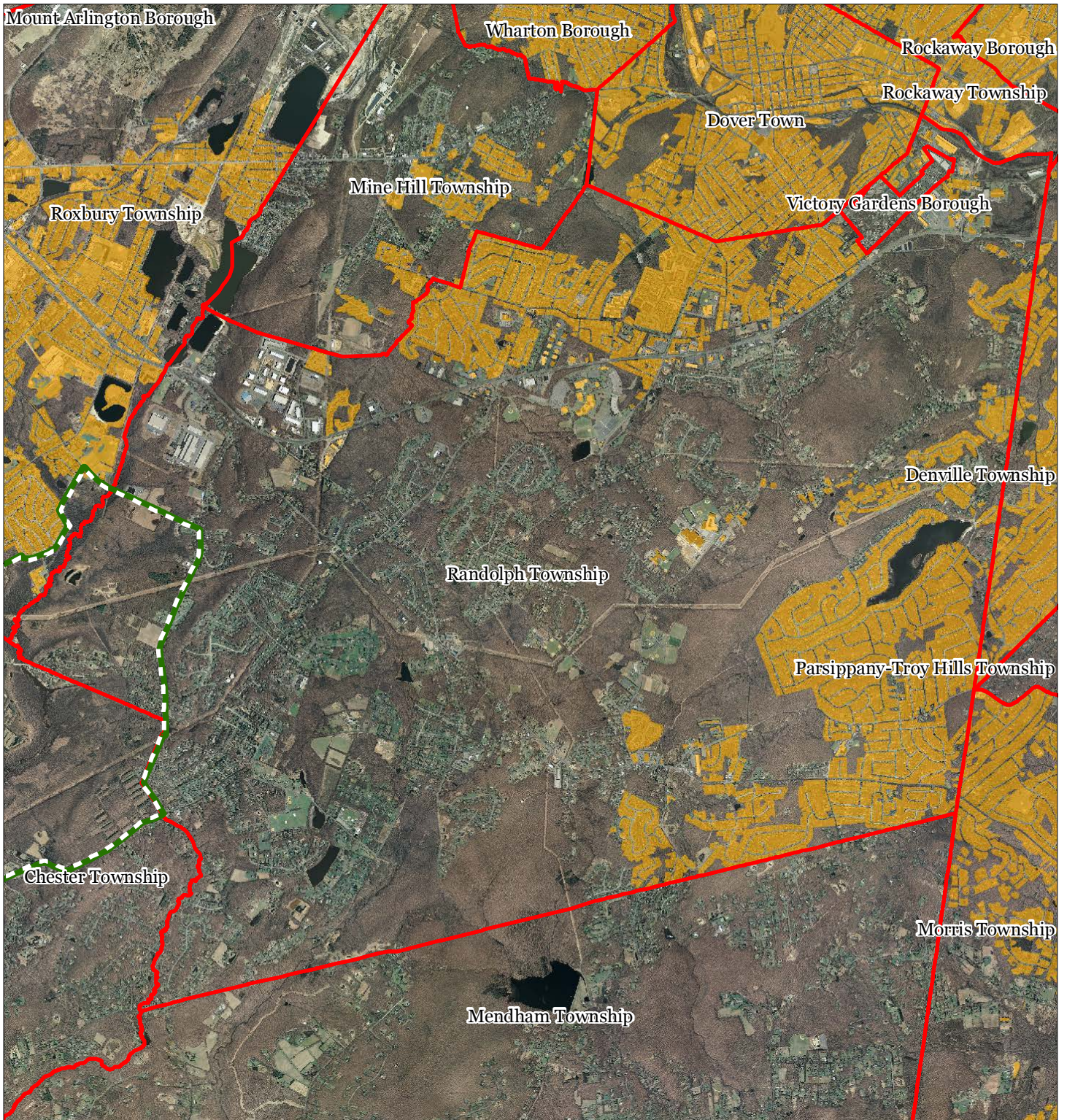
1 inch = 0.794 miles






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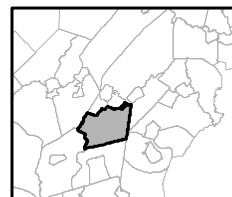
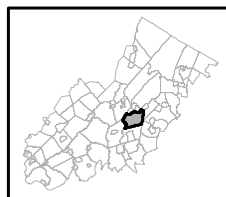
**Figure 32: Highlands Domestic Sewerage Facilities**



Highlands Domestic Sewerage Facilities

-  Existing Area Served
-  Preservation Area
-  Municipal Boundaries

**Randolph Township**



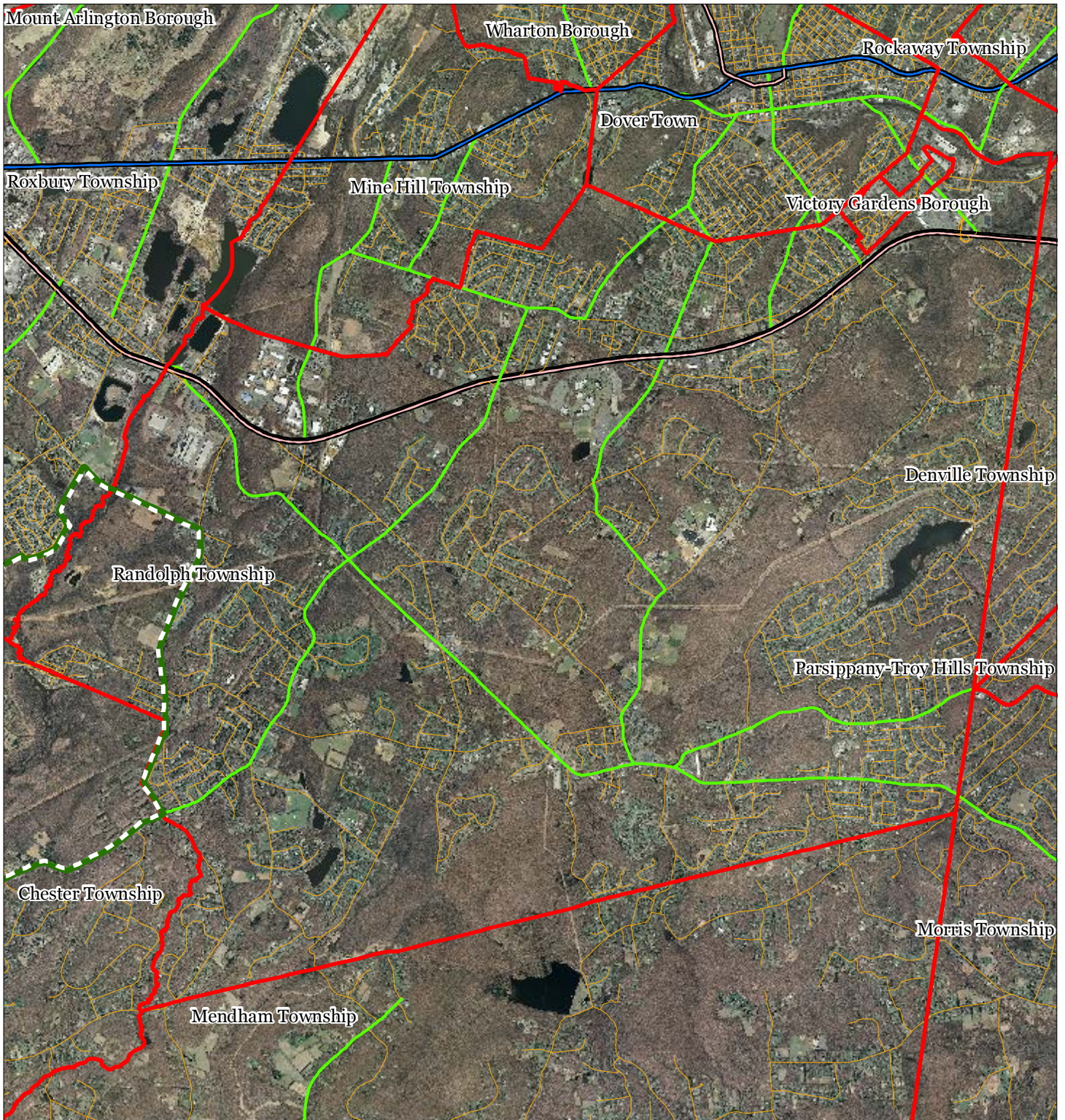
1 inch = 0.794 miles



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**Figure 33: Highlands Roadway Network**



**Roadway Network**

— Interstate Highways


— U.S. Routes

— State Routes

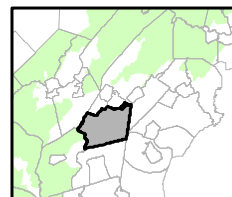
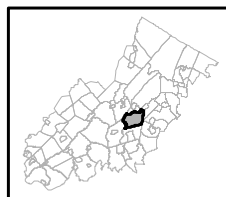
— County Routes

— Local Routes

 Preservation Area

 Municipal Boundaries

**Randolph Township**



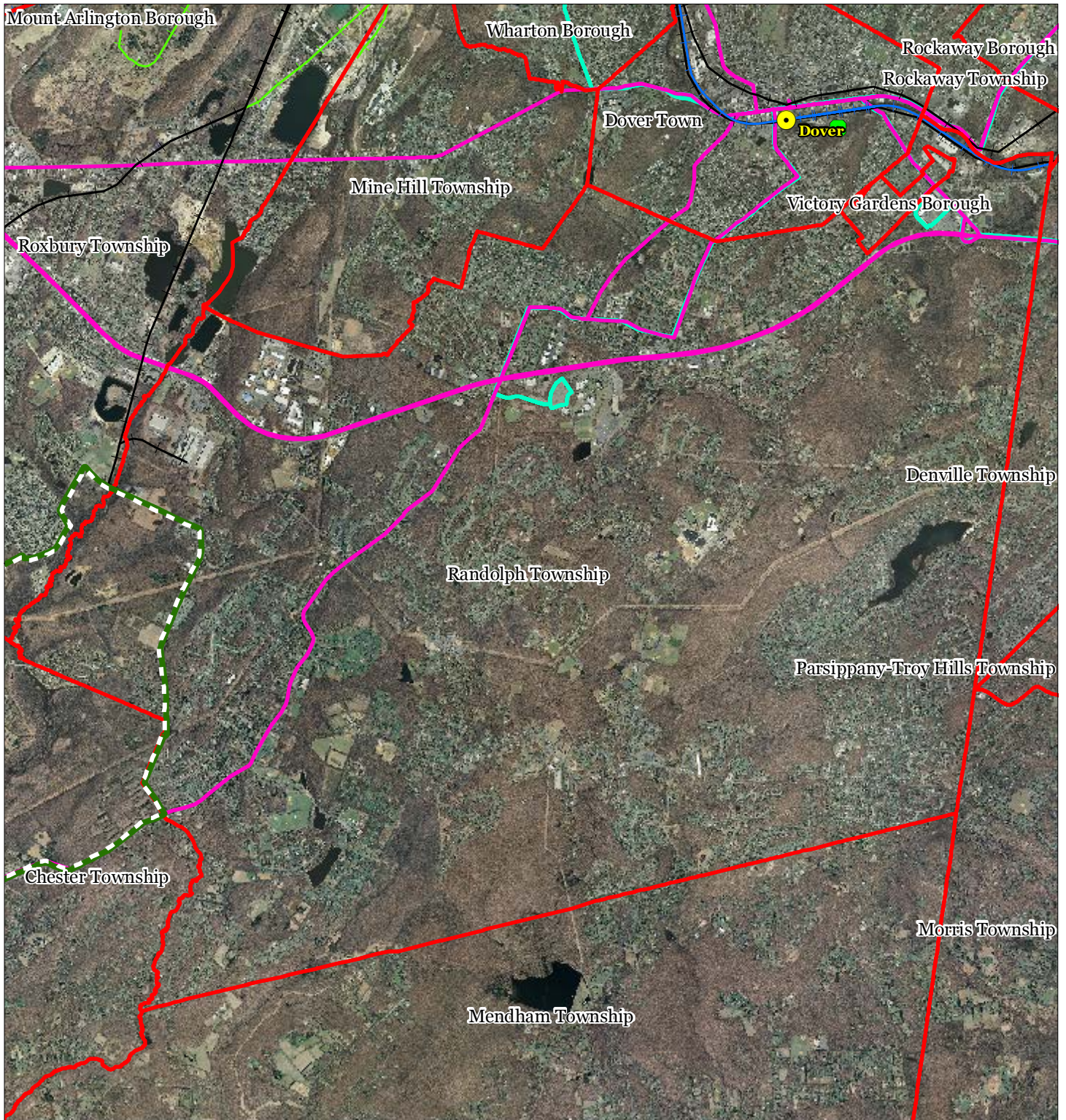
1 inch = 0.794 miles



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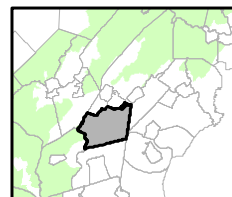
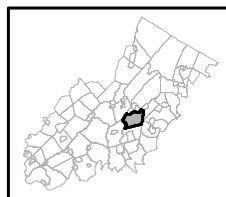


**Figure 34: Highlands Transit Network**



- |                                |                      |
|--------------------------------|----------------------|
| <b>Rail Network</b>            | 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             |
| <b>Freight Rail Lines</b>      |                      |
| Freight Rail Lines             |                      |
| Abandoned Freight Rail         |                      |

## Randolph Township



1 inch = 0.794 miles



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