



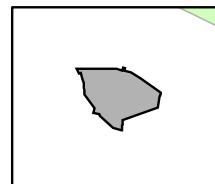
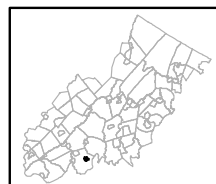
BOROUGH OF LEBANON
HIGHLANDS ENVIRONMENTAL RESOURCE INVENTORY

Figure 1: **Planning** Area



-  Preservation Area
-  Municipal Boundaries

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1 inch = 0.181 miles



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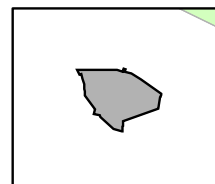
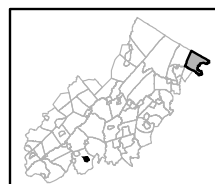
Figure 2: Land Use Capability Map Zones



Regional Master Plan Overlay Zone Designation

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

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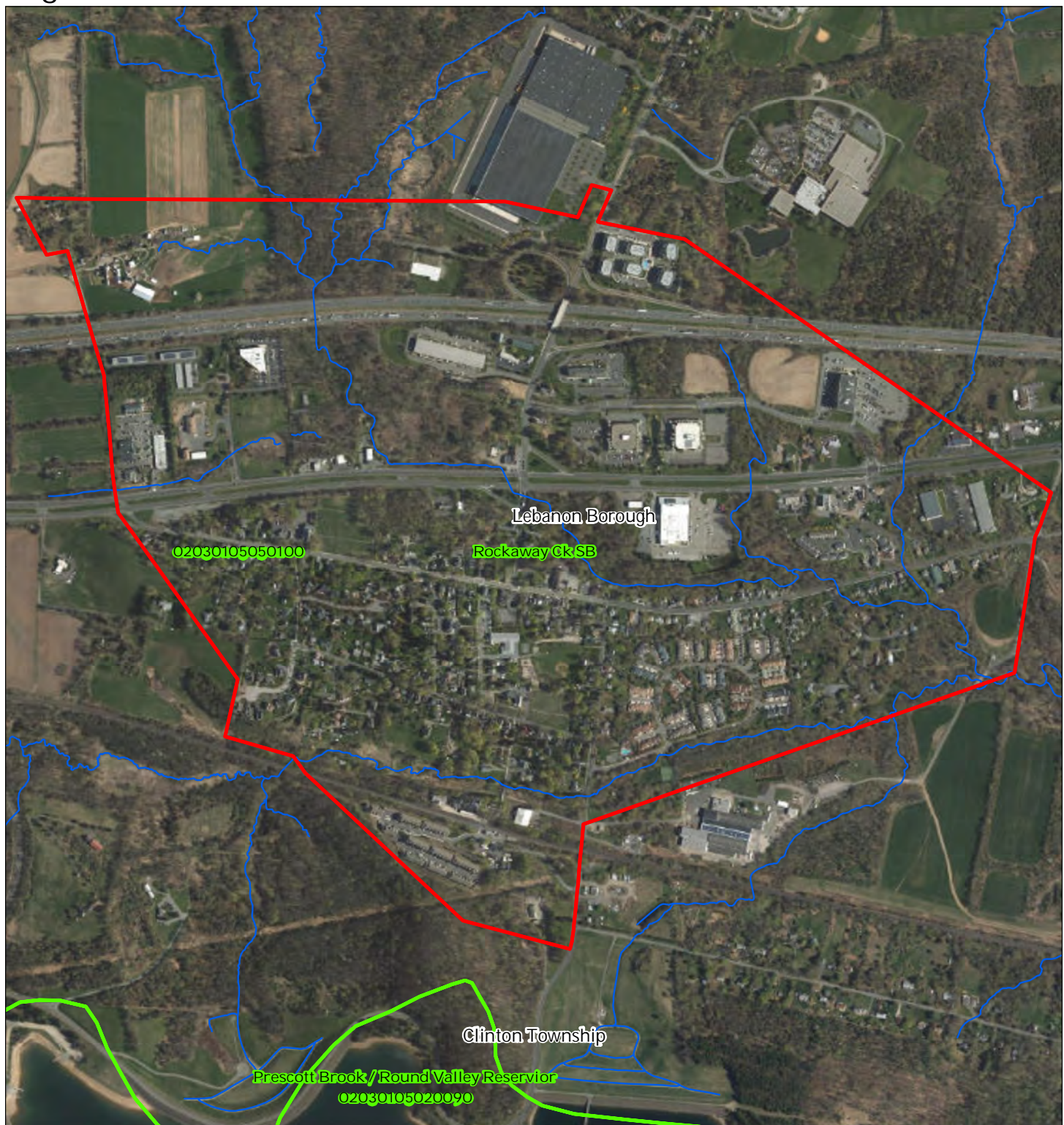
1 inch = 0.181 miles







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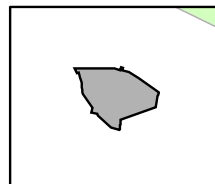
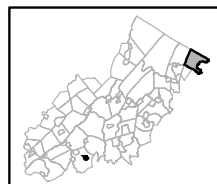
BOROUGH OF LEBANON
HIGHLANDS ENVIRONMENTAL RESOURCE INVENTORY

Figure 3: HUC 14 Boundaries



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

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1 inch = 0.181 miles






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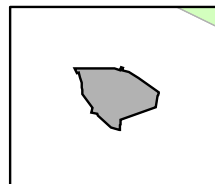
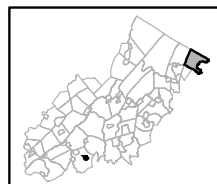
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HIGHLANDS ENVIRONMENTAL RESOURCE INVENTORY

Figure 4: Forest Resource Area



-  Forest Resource Area
-  Preservation Area
-  Municipal Boundaries

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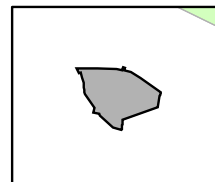
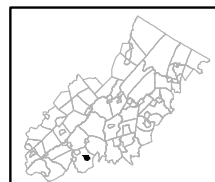
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Figure 5: Total Forest Area



-  Forested Areas
-  Preservation Area
-  Municipal Boundaries

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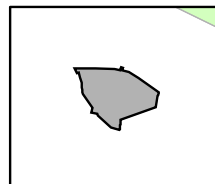
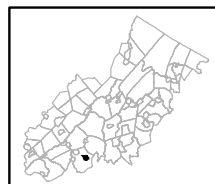
Figure 6: Forest Subwatersheds



Forest Integrity by HUC14 Subwatershed

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

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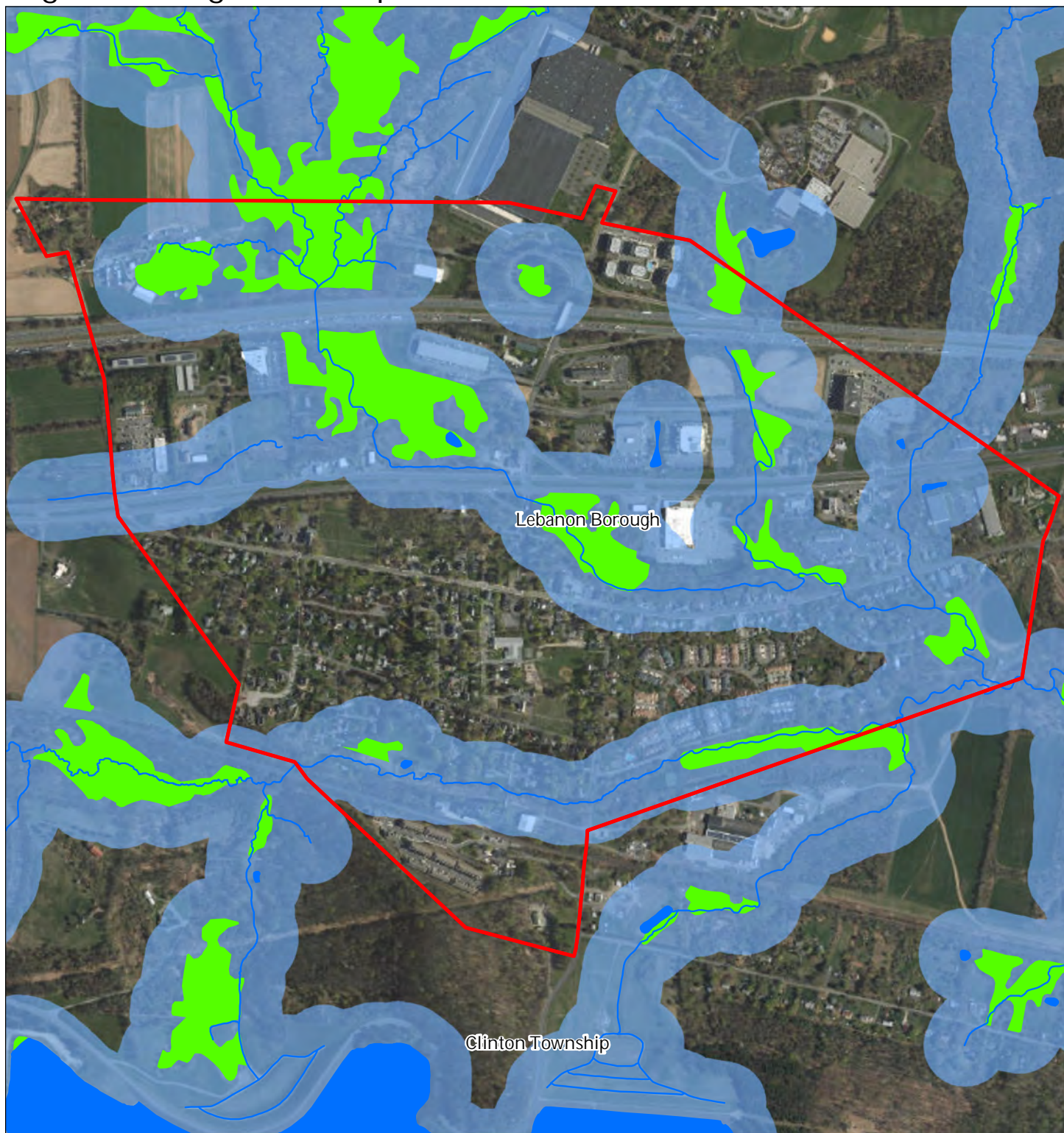
1 inch = 0.181 miles



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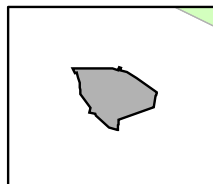
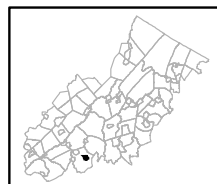
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Figure 7: Highlands Open Waters



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

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


1 inch = 0.181 miles



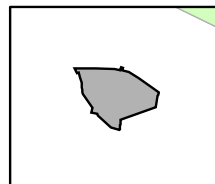
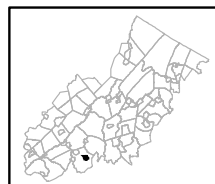
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Figure 8: Highlands Riparian Areas



-  Riparian Area
-  Preservation Area
-  Municipal Boundaries

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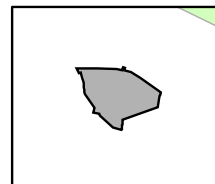
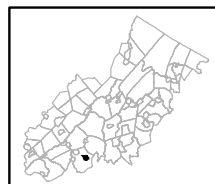
Figure 9: Watershed Values



Watershed Values by HUC14 Subwatershed

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

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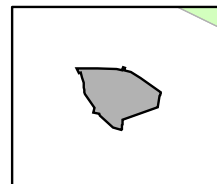
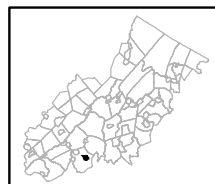
Figure 10: Riparian Integrity



Riparian Integrity by HUC14 Subwatershed

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

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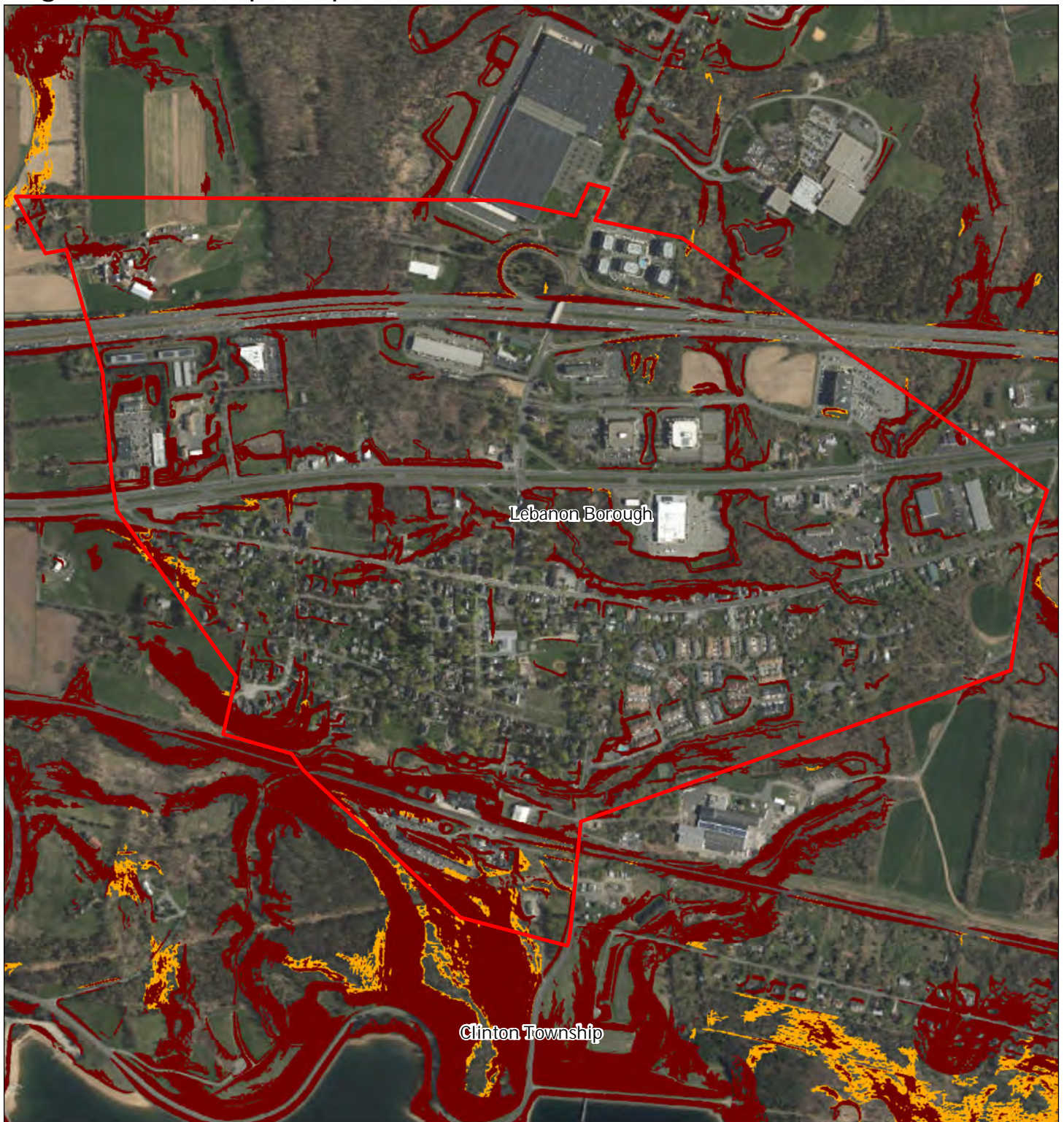


1 inch = 0.181 miles



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Figure 11: Steep Slope Protection Areas



Steep Slopes

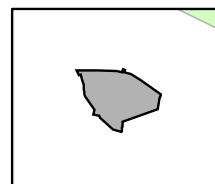
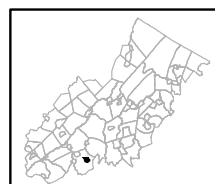
 Moderate

 Severe

 Preservation Area

 Municipal Boundaries

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1 inch = 0.181 miles



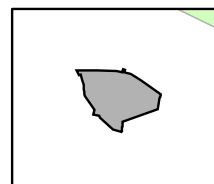
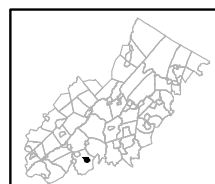
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Figure 12: Critical Wildlife Habitat



-  Critical Wildlife Habitat
-  Preservation Area
-  Municipal Boundaries

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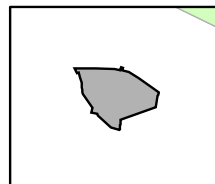
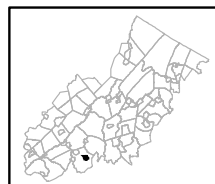
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Figure 13: Significant Natural Areas



-  Significant Natural Areas
-  Preservation Area
-  Municipal Boundaries

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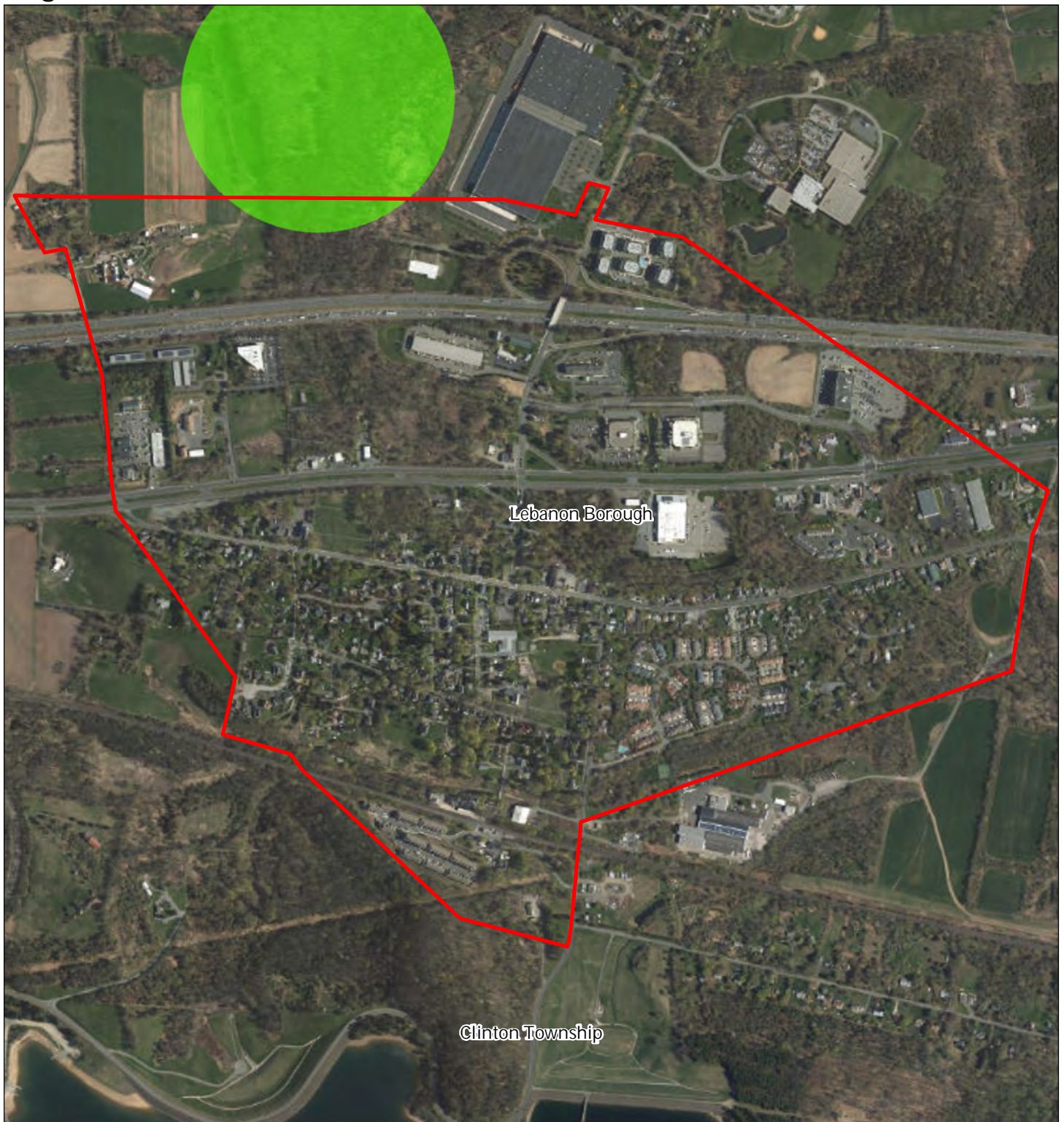
1 inch = 0.181 miles







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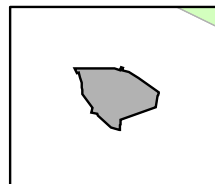
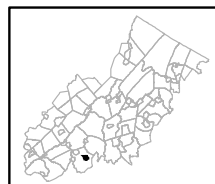
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Figure 14: Vernal Pools



-  Vernal Pools + 1000ft Buffer
-  Critical Freshwater Mussel Habitat
-  Preservation Area
-  Municipal Boundaries

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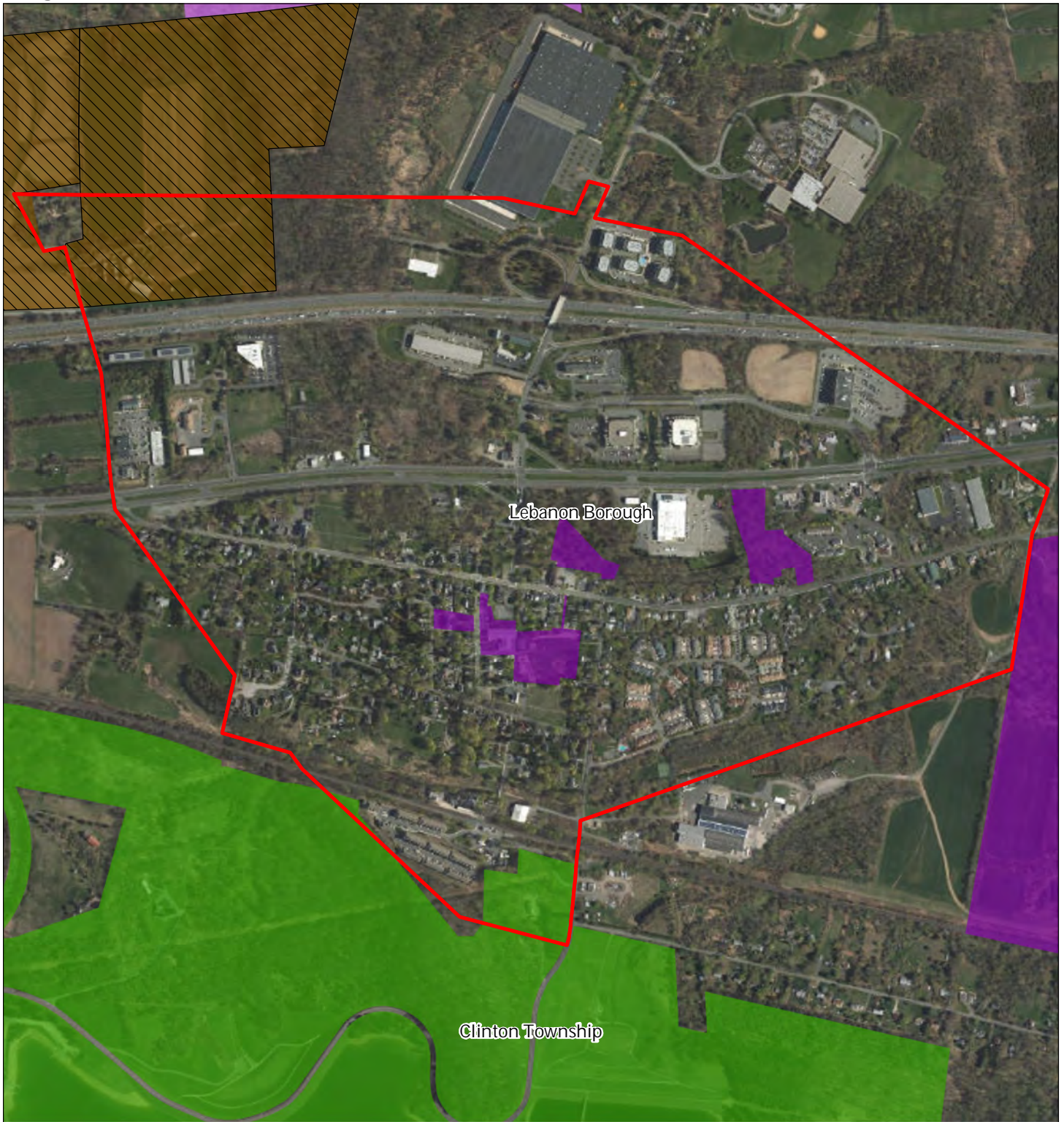
1 inch = 0.181 miles



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Figure 15: Preserved Lands



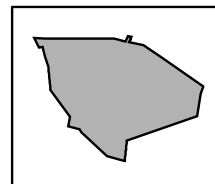
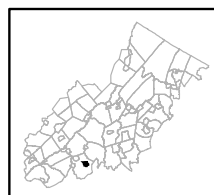
Preserved Lands

- 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

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1 inch = 0.181 miles







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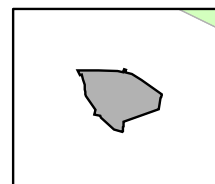
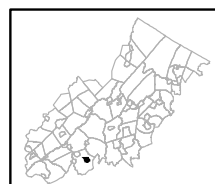
Figure 16: Highlands Conservation Priority Areas



Conservation Priority Area

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

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1 inch = 0.181 miles






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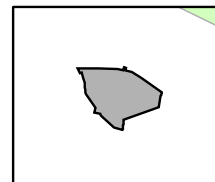
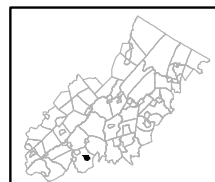
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Figure 17: Highlands Special Environmental Zone



-  Special Environmental Zones
-  Preservation Area
-  Municipal Boundaries

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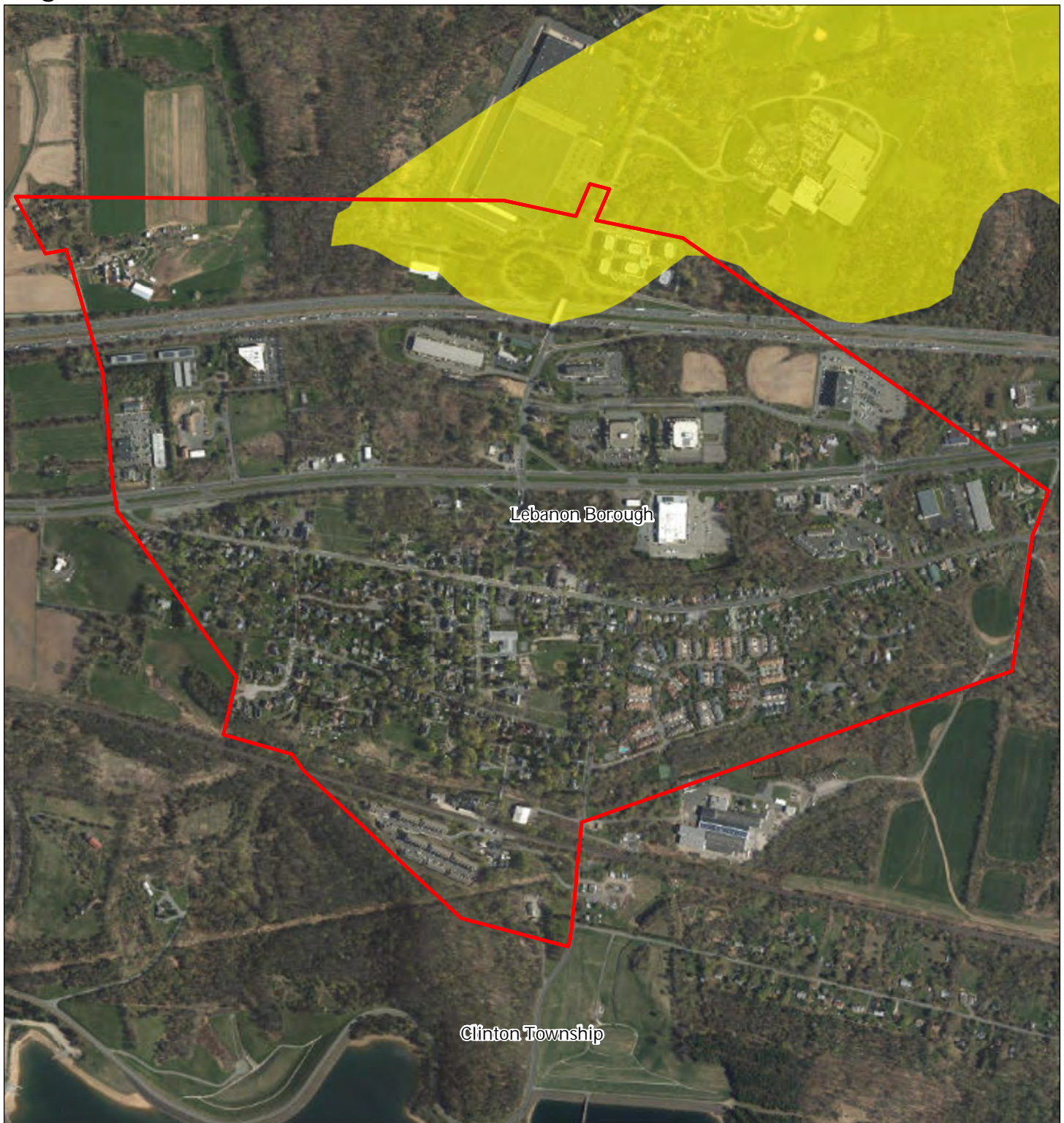
1 inch = 0.181 miles






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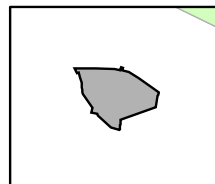
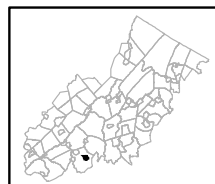
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Figure 18: Carbonate Rock Areas



-  Carbonate Rock Area
-  Preservation Area
-  Municipal Boundaries

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





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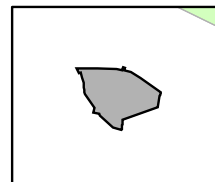
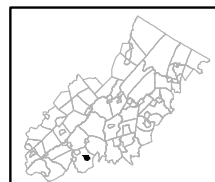
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Figure 19: Lake Management Area



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

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Figure 20: Net Water Availability

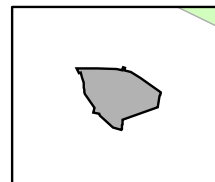
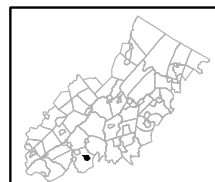


Net Water Availability By HUC14

Million Gallons Per Day (MGD)



-  Preservation Area
 Municipal Boundaries



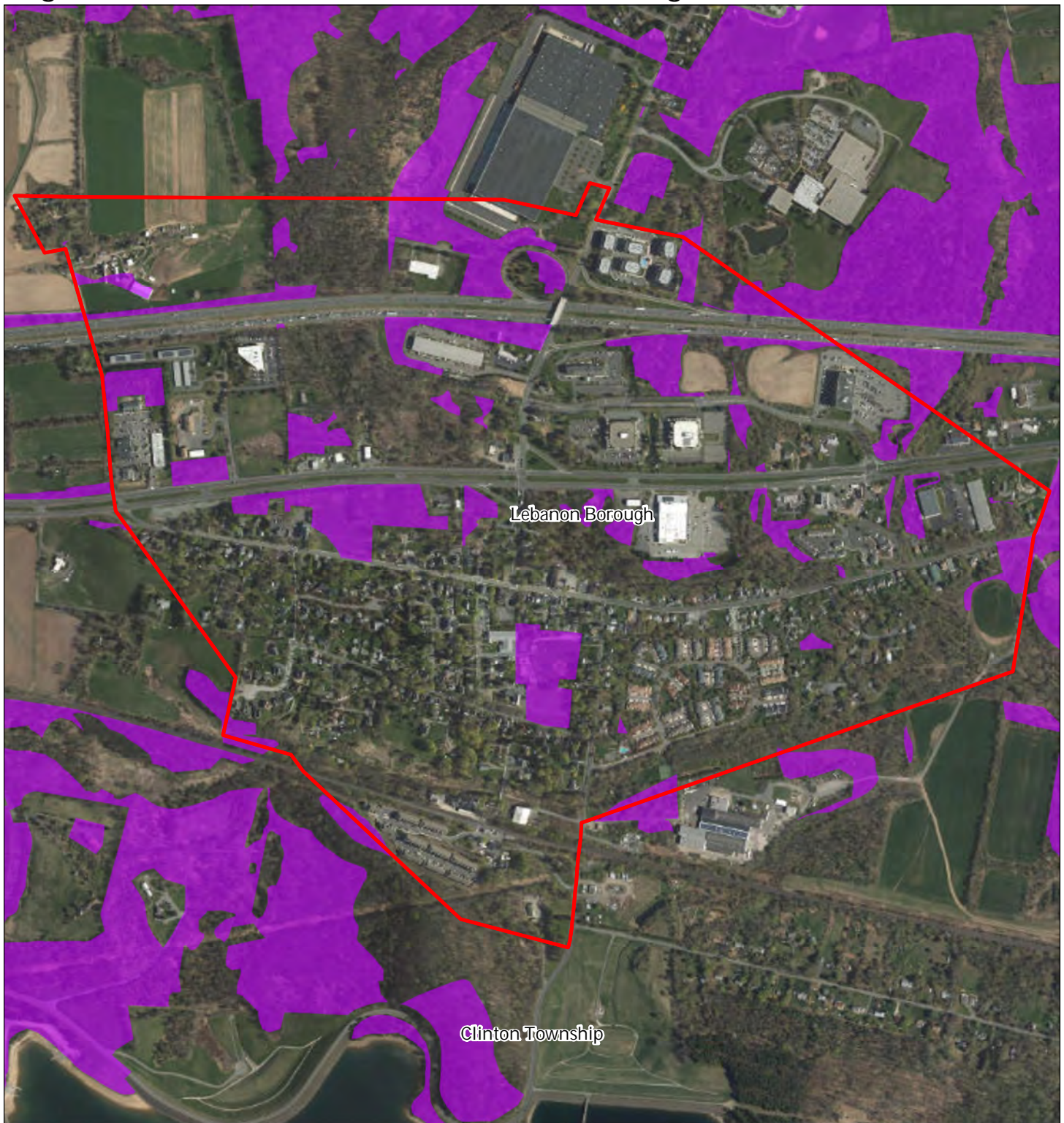
1 inch = 0.181 miles






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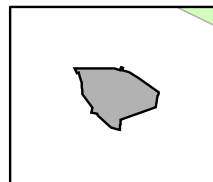
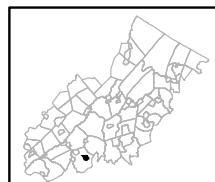
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Figure 21: Prime Ground Water Recharge Areas



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

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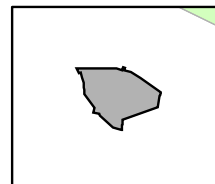
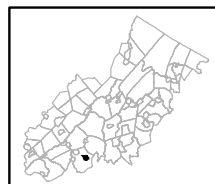
Figure 22: HUC 14s on NJDEP Impaired Waters List



Impaired Waters Overall Assessment by HUC14 Subwatershed

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

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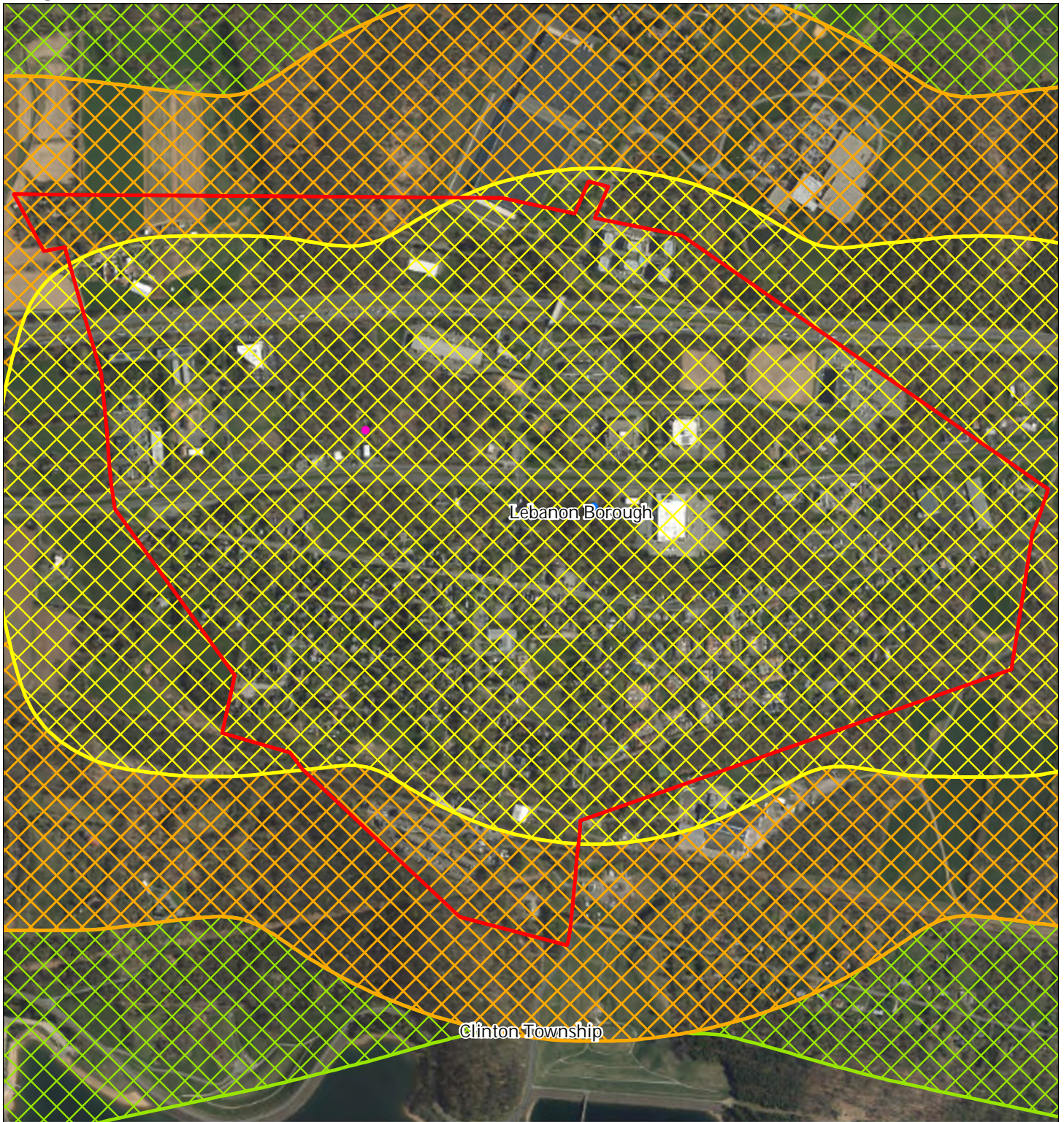


1 inch = 0.181 miles



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Figure 23: Wellhead Protection Areas

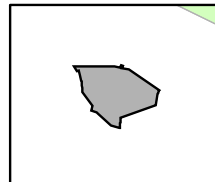
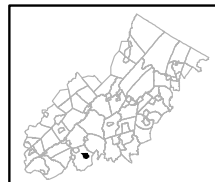


- Public Community Wells
- Public Non-Community Wells

Wellhead Protection Areas

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

-  Preservation Area
-  Municipal Boundaries



1 inch = 0.181 miles

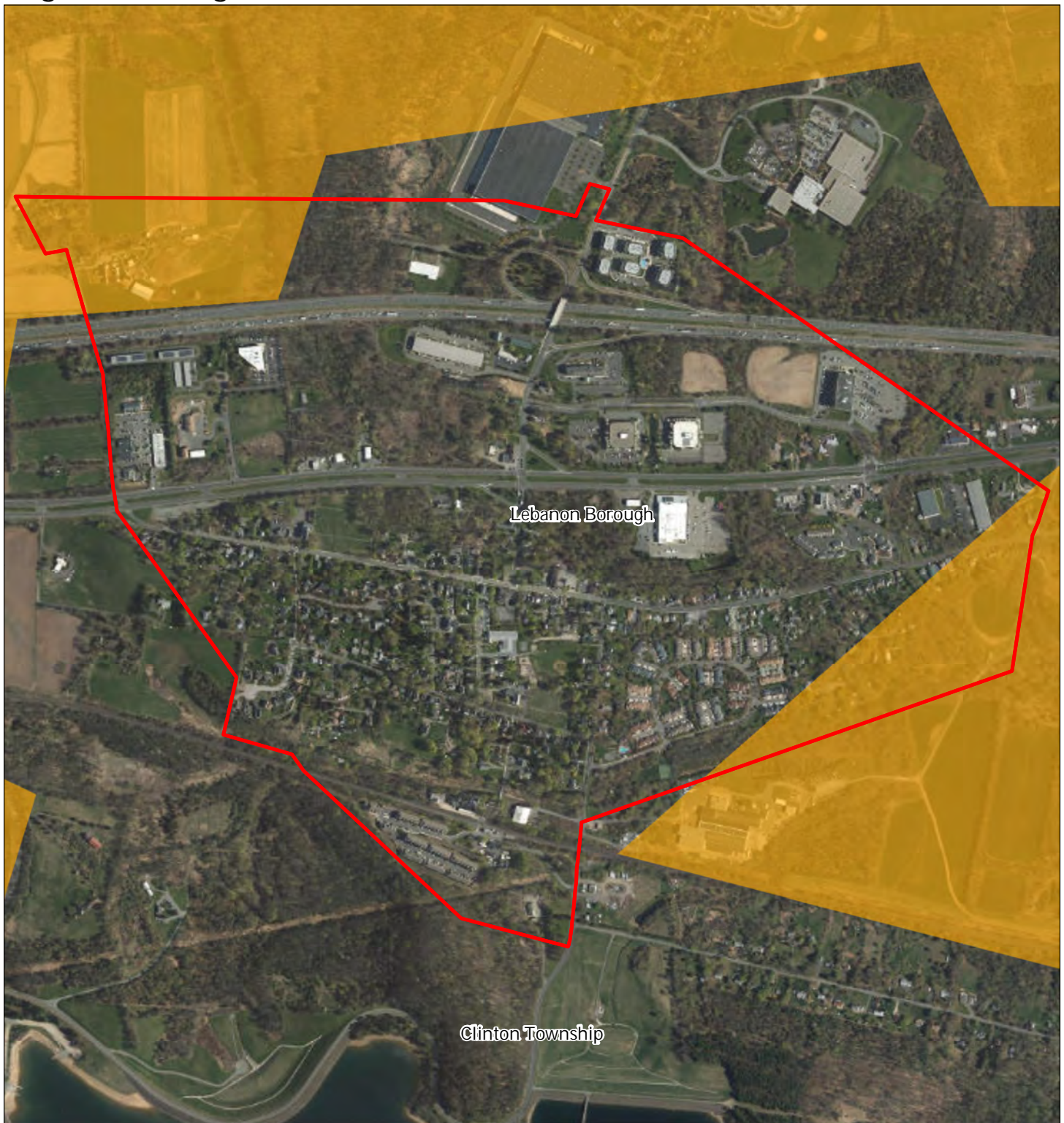





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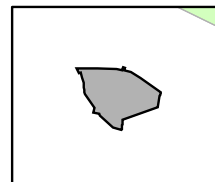
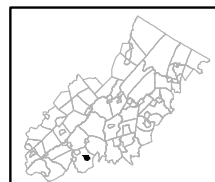
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Figure 24: Agricultural Resource Area



-  Agricultural Resource Area
-  Preservation Area
-  Municipal Boundaries

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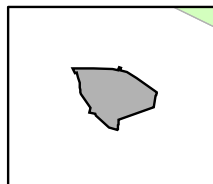
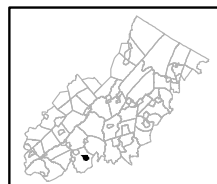
Figure 25: Agricultural Priority Area



Agricultural Priority Area

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

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1 inch = 0.181 miles



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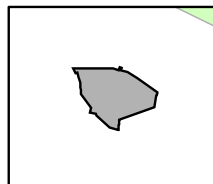
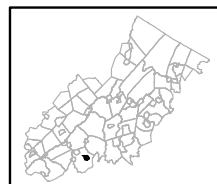
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Figure 26: Preserved Farms, SADC Easements, All Agricultural Uses



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

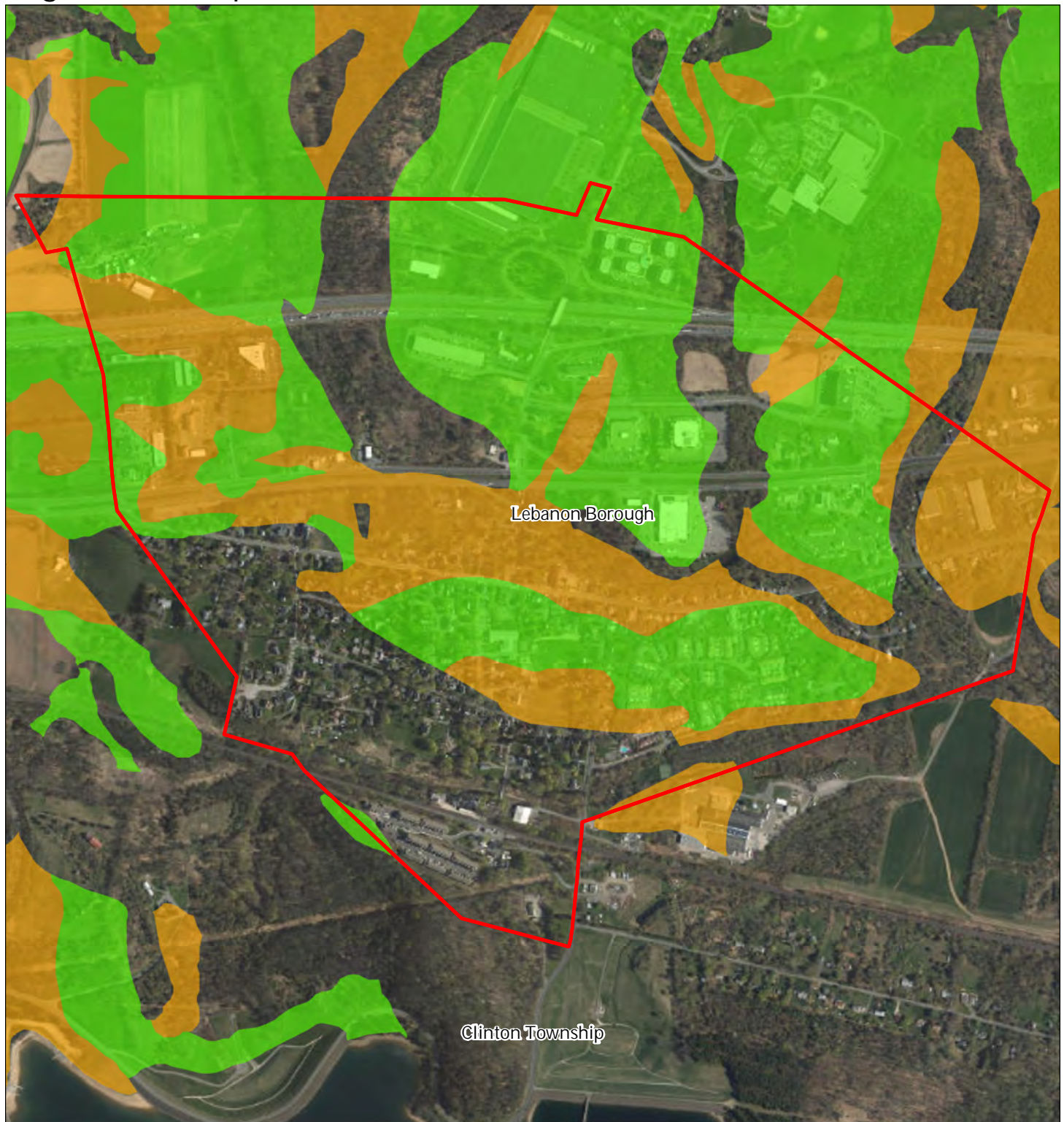


1 inch = 0.181 miles



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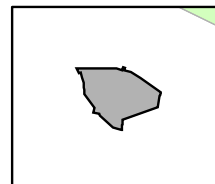
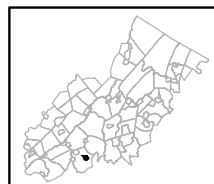
Figure 27: Important Farmland Soils



Important Farmland Soils

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

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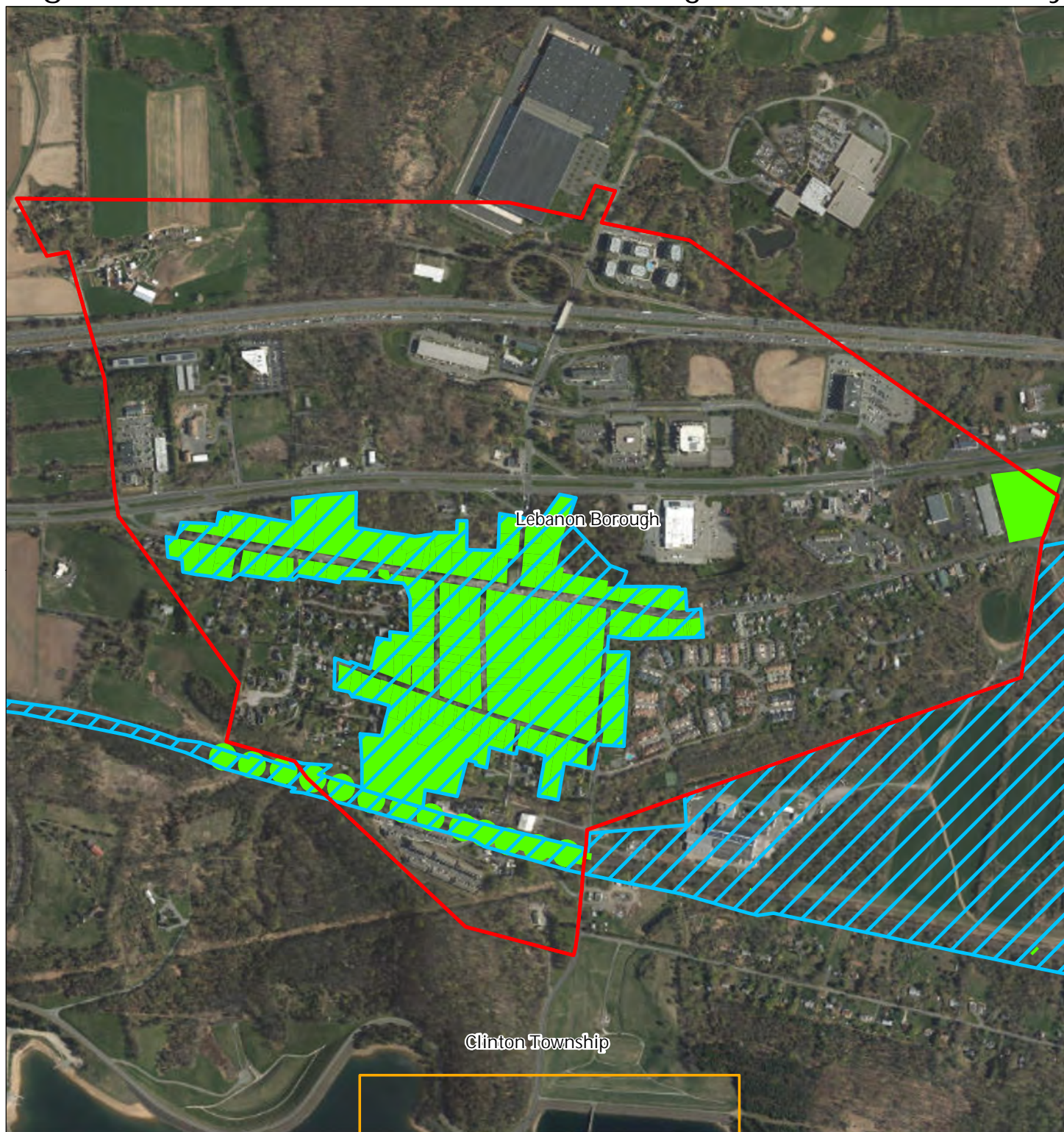
1 inch = 0.181 miles








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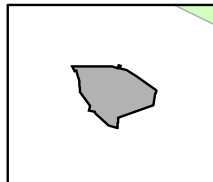
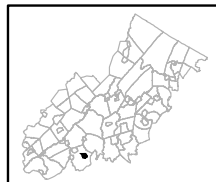
BOROUGH OF LEBANON
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Figure 28: Historic, Cultural, and Archaeological Resources Inventory



-  Preservation Area
-  Municipal Boundaries
-  Archaeological Grids (1 sq mi)
-  NJ Historic Districts
-  Historic Property Polygons

Lebanon Borough



1 inch = 0.18 miles






MAY 2016

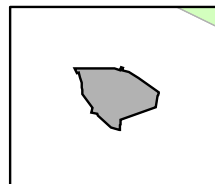
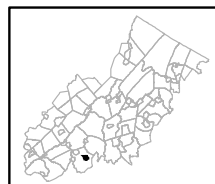
BOROUGH OF LEBANON
HIGHLANDS ENVIRONMENTAL RESOURCE INVENTORY

Figure 29: Baseline Scenic Resources Inventory



-  Scenic Resources
-  Municipal Boundaries
-  Preservation Area

Lebanon Borough



1 inch = 0.181 miles



MAY 2016

BOROUGH OF LEBANON
HIGHLANDS ENVIRONMENTAL RESOURCE INVENTORY

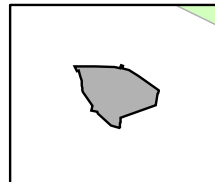
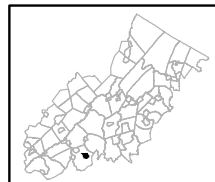
Figure 30: Highlands Contaminated Site Inventory



Highlands Contaminated Site Inventory

Lebanon Borough

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



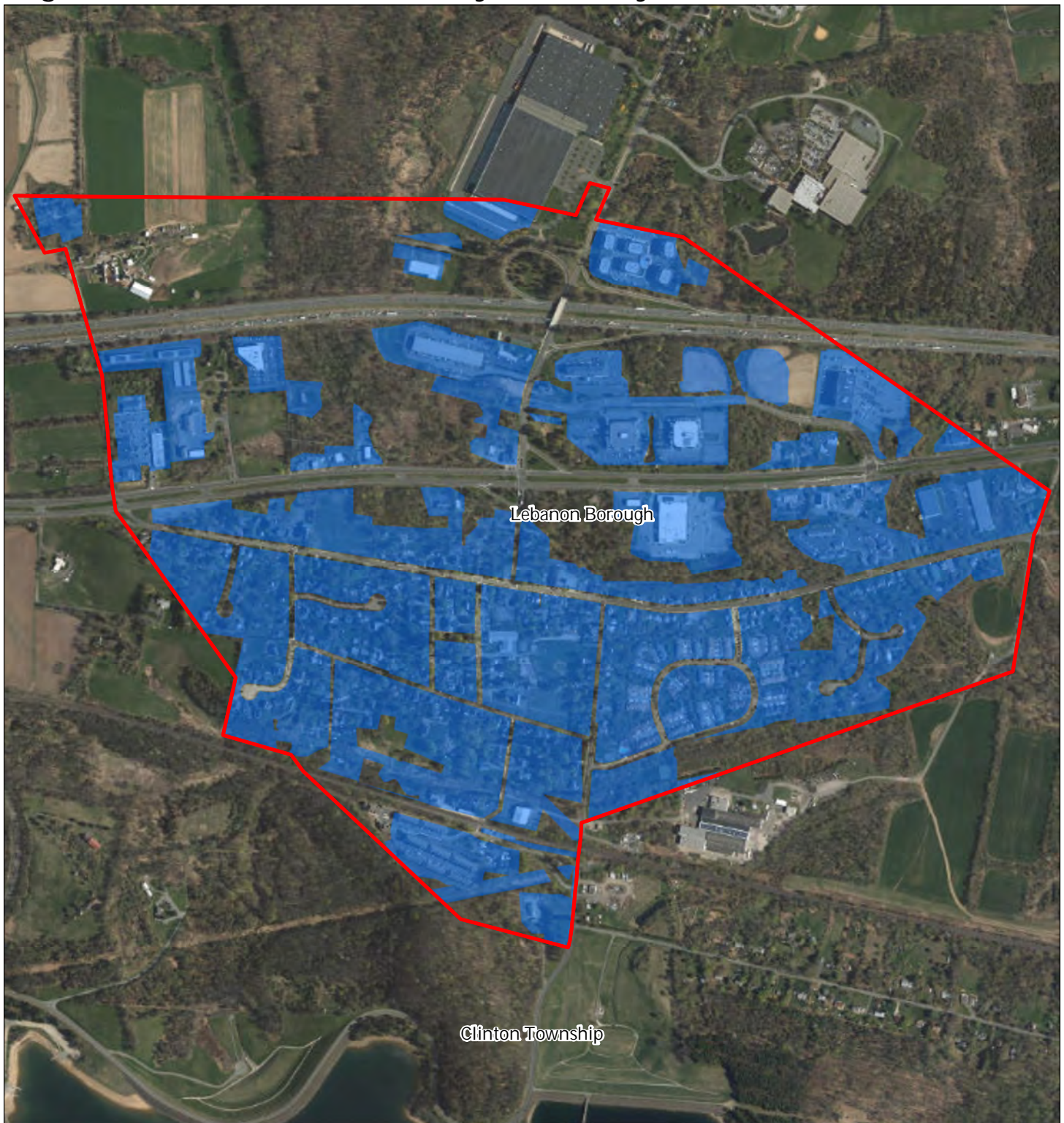
1 inch = 0.181 miles






MAY 2016

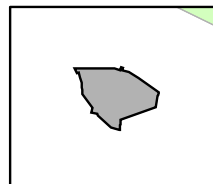
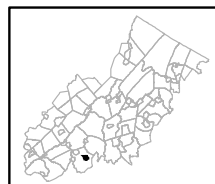
BOROUGH OF LEBANON
HIGHLANDS ENVIRONMENTAL RESOURCE INVENTORY

Figure 31: Public Community Water Systems



-  Public Community Water Systems
-  Preservation Area
-  Municipal Boundaries

Lebanon Borough

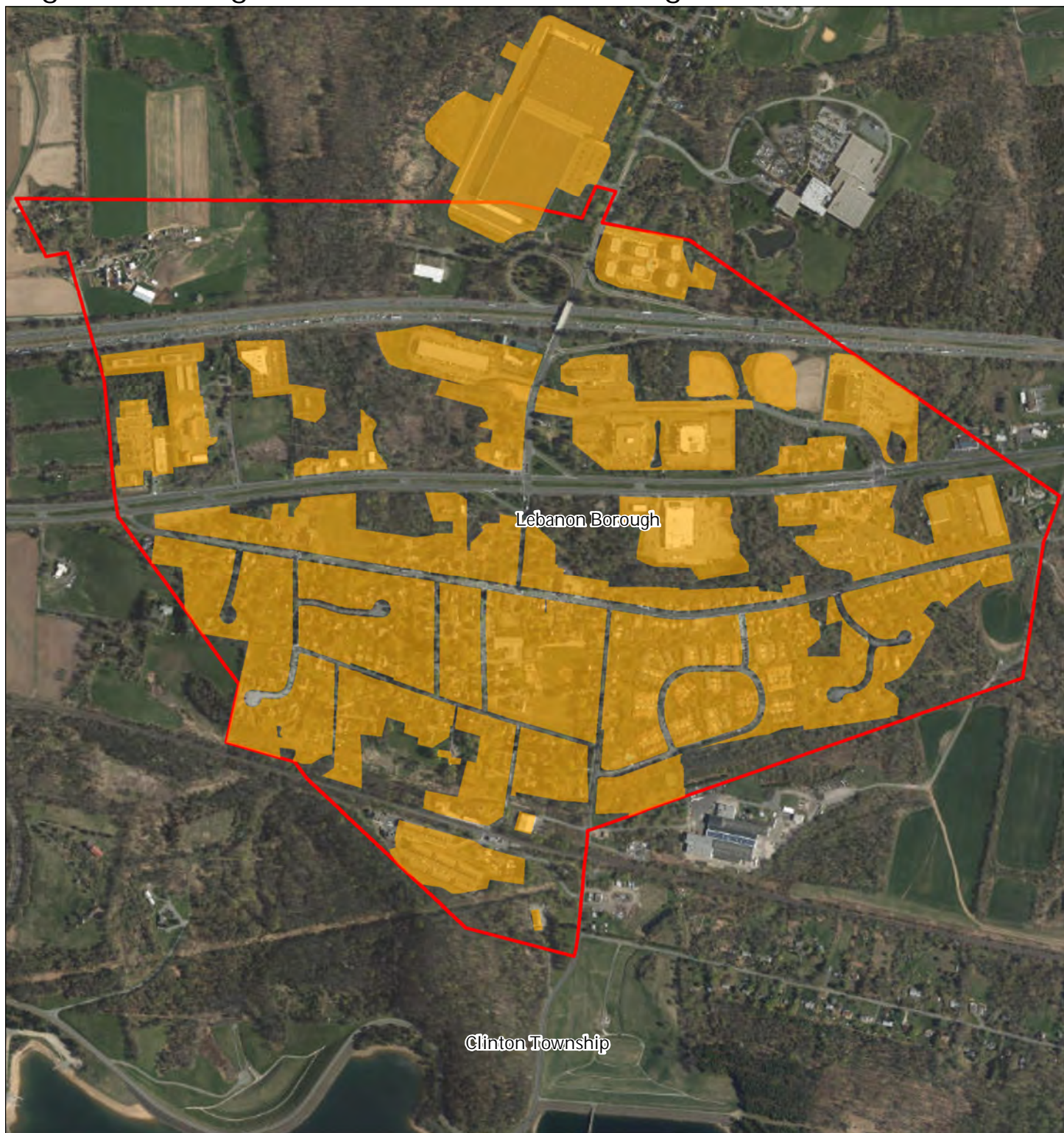


1 inch = 0.181 miles







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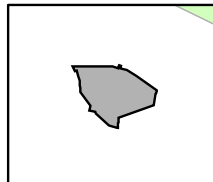
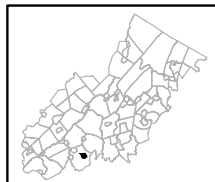
Figure 32: Highlands Domestic Sewerage Facilities



Highlands Domestic Sewerage Facilities

Lebanon Borough

-  Existing Area Served
-  Future Area Served
-  Preservation Area
-  Municipal Boundaries



1 inch = 0.181 miles



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Figure 33: Highlands Roadway Network



Roadway Network

Interstate Highways

U.S. Routes

State Routes

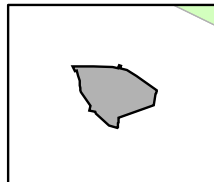
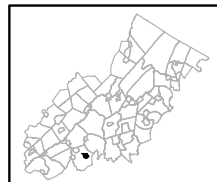
County Routes

Local Routes

Preservation Area

Municipal Boundaries

Lebanon Borough



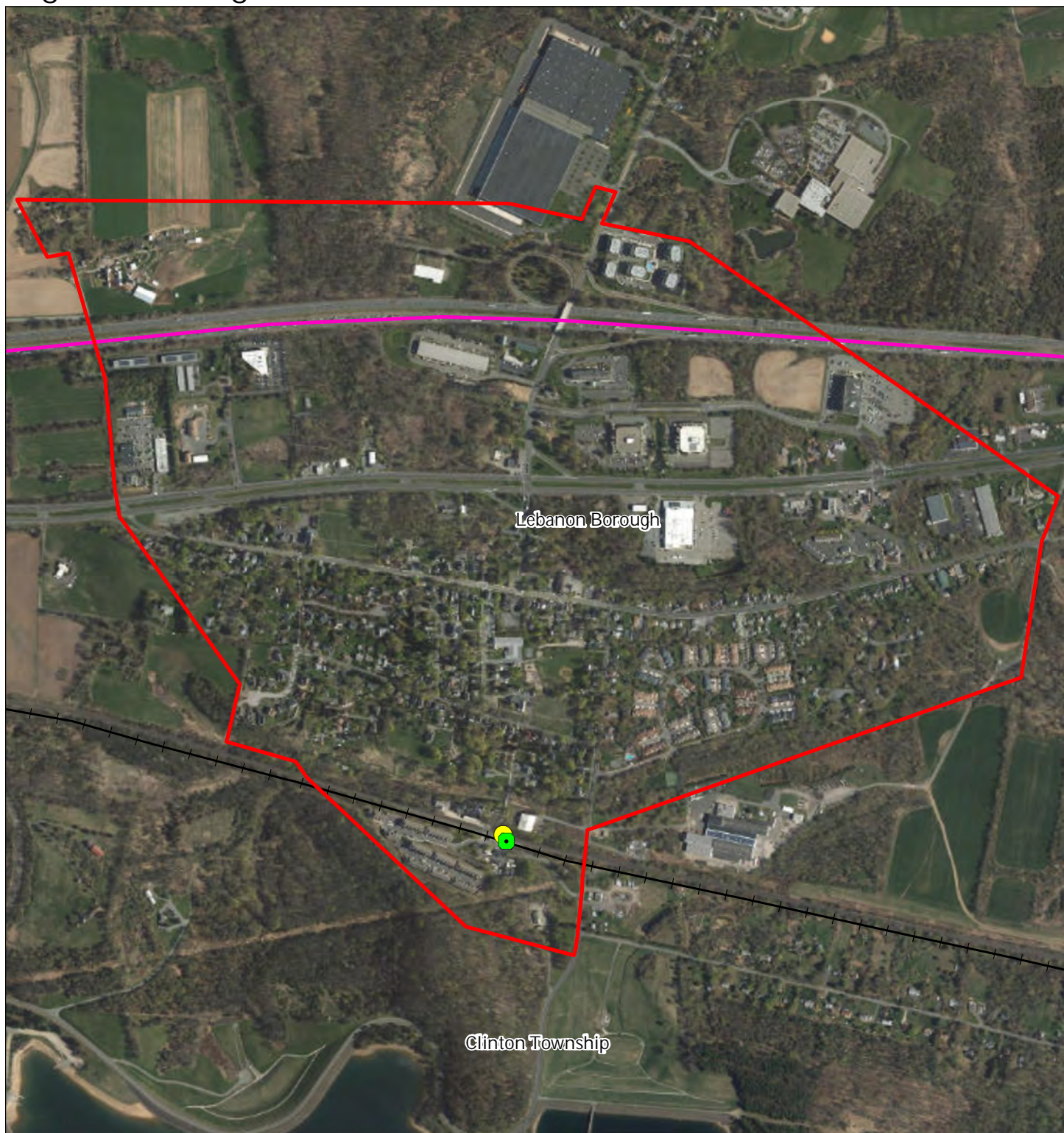
1 inch = 0.181 miles



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BOROUGH OF LEBANON
HIGHLANDS ENVIRONMENTAL RESOURCE INVENTORY

Figure 34: Highlands Transit Network



Rail Network

Boonton Line

Main Line & Bergen County Line

Morris and Essex Line

Raritan Valley Line

Freight Rail Lines

Freight Rail Lines

Abandoned Freight Rail

Rail Stations

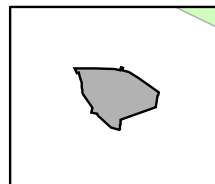
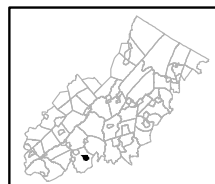
Park and Ride Sites

Private Bus Lines

NJ Transit Bus Lines

Airports

Lebanon Borough



1 inch = 0.181 miles



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