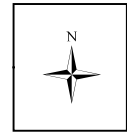


**Essex County  
Hilltop Reservation**

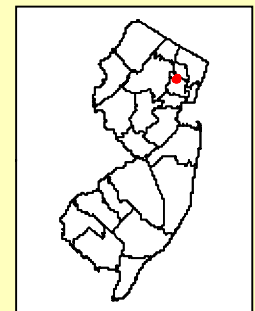
**Map 1.  
Land Cover - 2007**



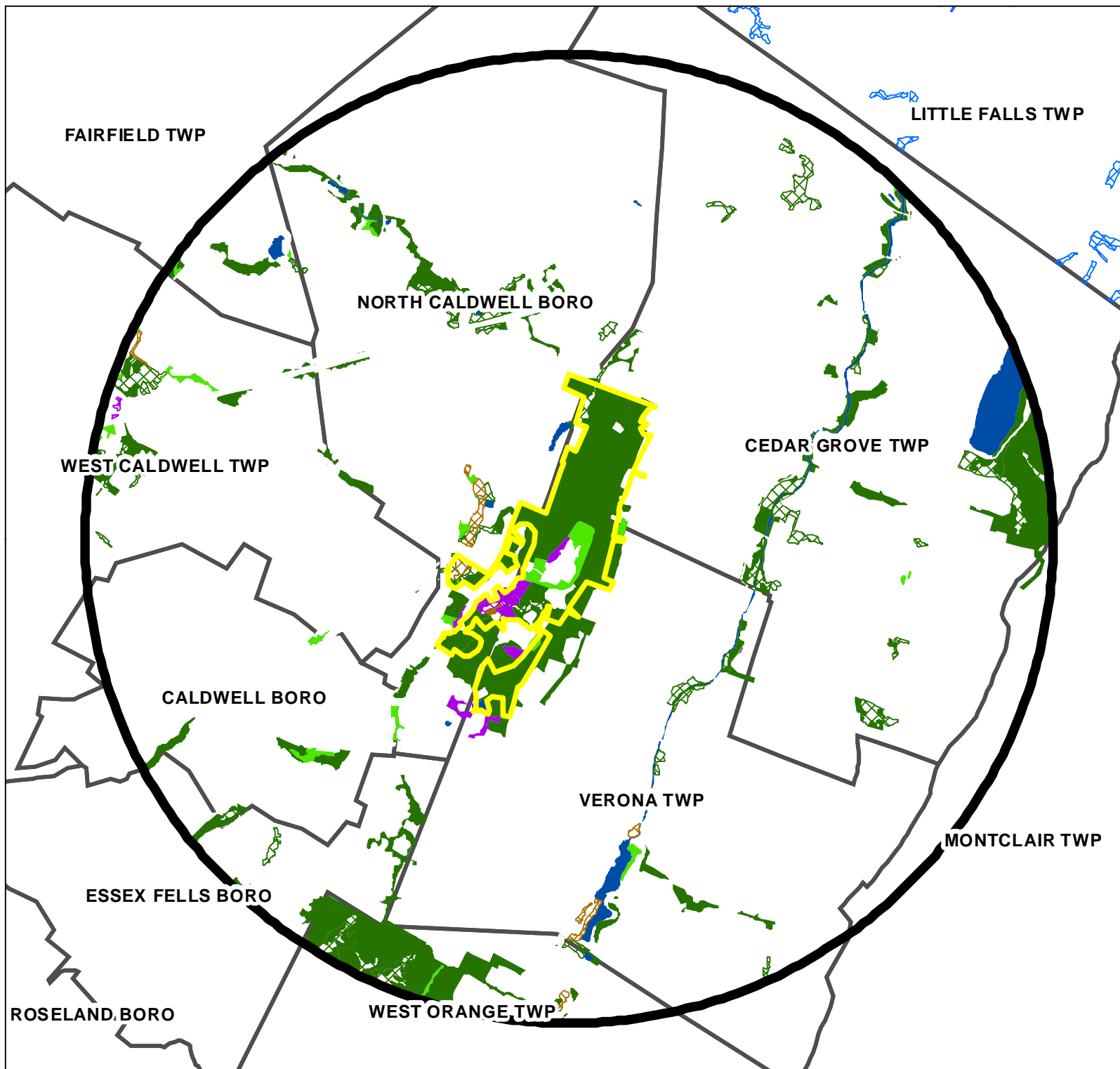
Map prepared by Michael Van Clef, Ph.D.  
Ecological Solutions LLC

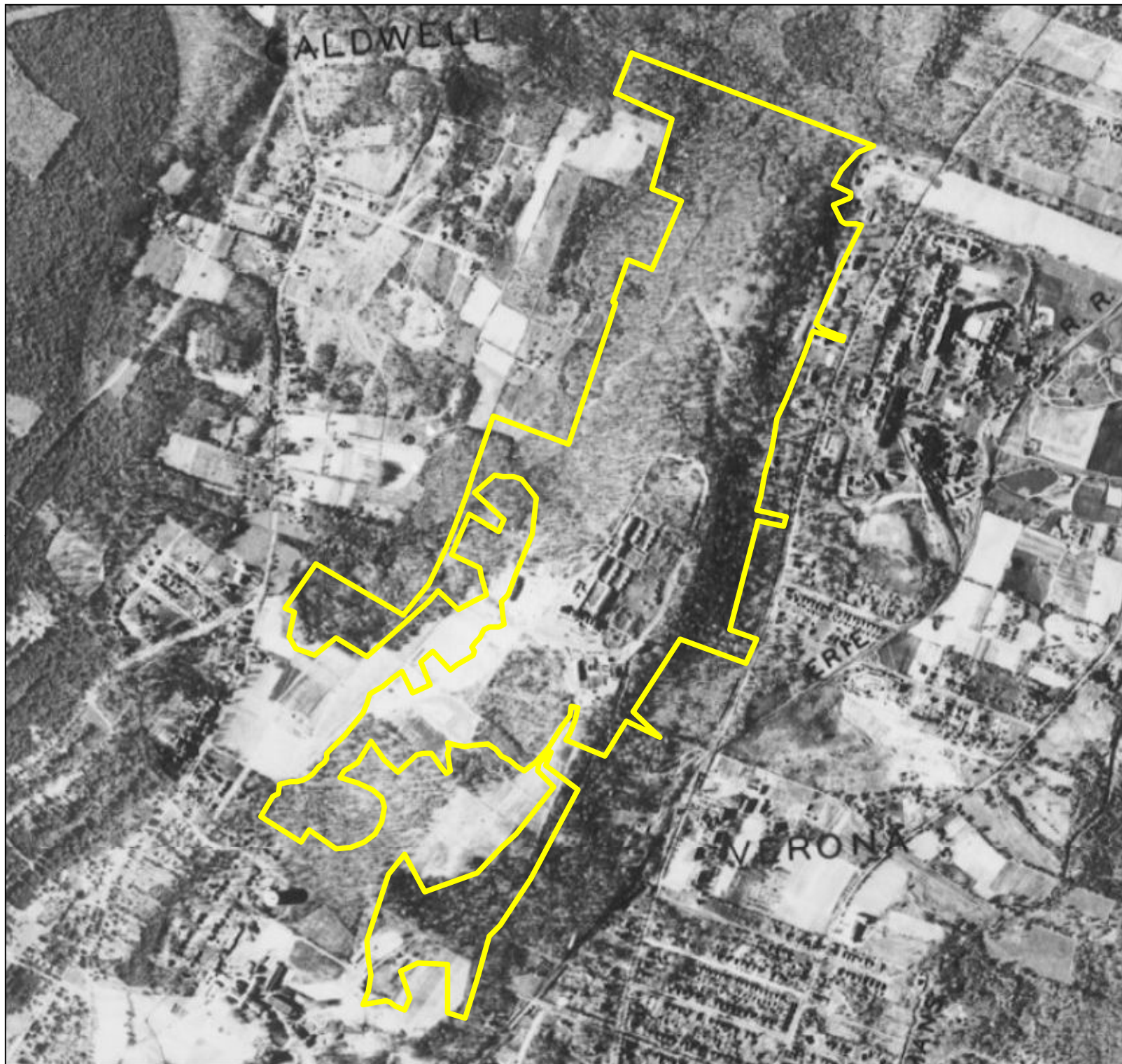
**Legend**

- Reservation Boundary
- Two Mile Radius
- Land Cover - 2007**
- Forest - Upland
- Forest - Wetland
- Woodland - Upland
- Shrubland - Upland
- Shrubland - Wetland
- Meadow - Upland
- Meadow - Wetland
- Water
- Urban



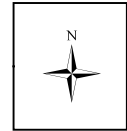
0 0.25 0.5 Miles





**Essex County  
Hilltop Reservation**

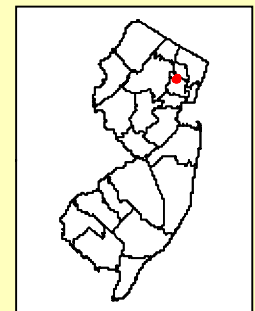
**Map 2.  
Aerial Photography - 1930**




Map prepared by Michael Van Clef, Ph.D.  
Ecological Solutions LLC

**Legend**

 Reservation Boundary



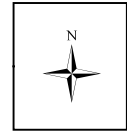
0 250 500 750 1,000 Feet





# Essex County Hilltop Reservation

## Map 3. Aerial Photography - 2012 w/Past Land Use Areas



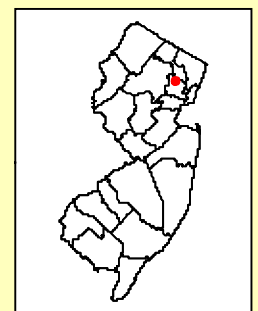
Map prepared by Michael Van Clef, Ph.D.  
Ecological Solutions LLC

### Legend

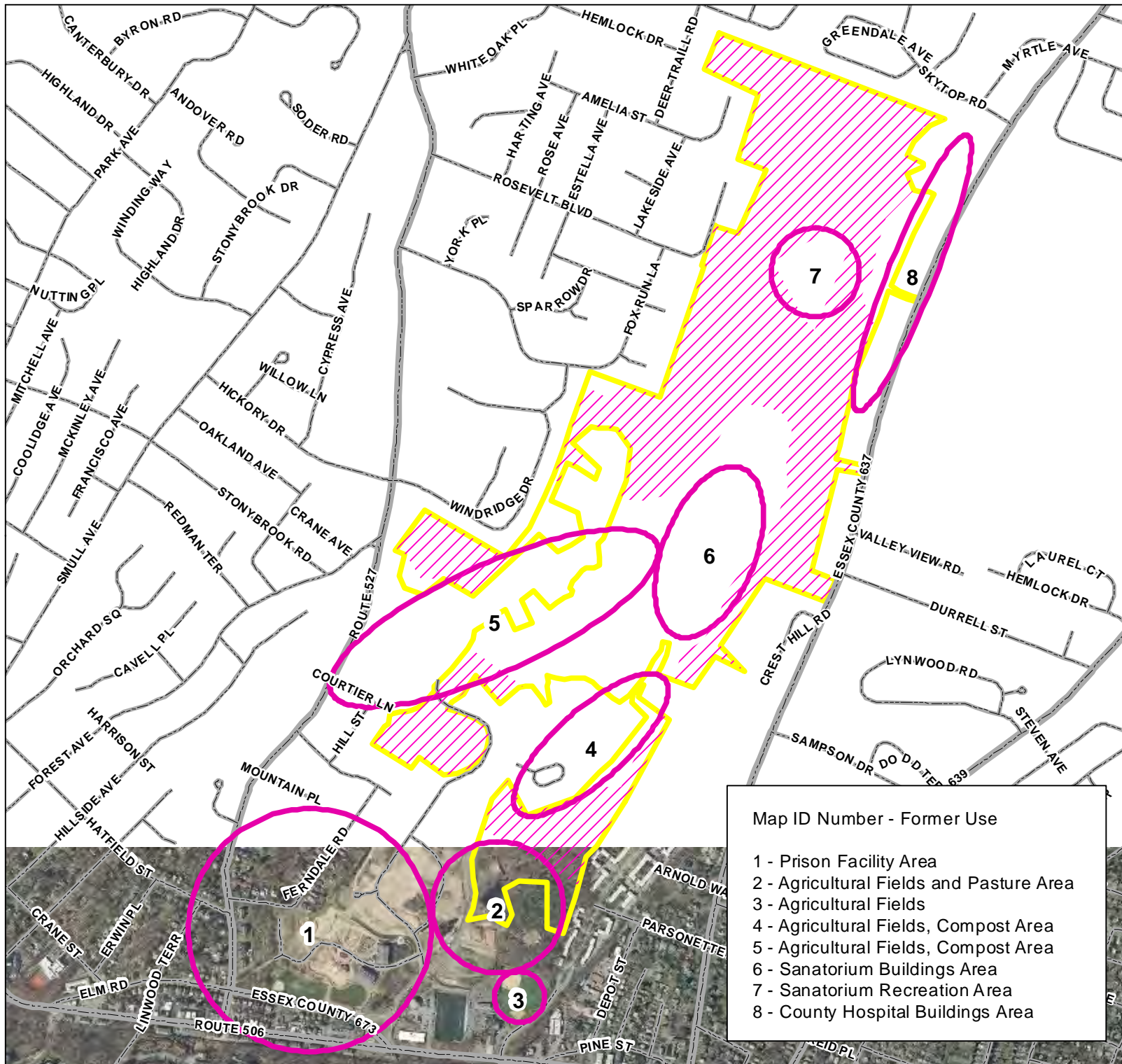
- Reservation Boundary
- Forest Areas - 1930
- Past Land Use Areas

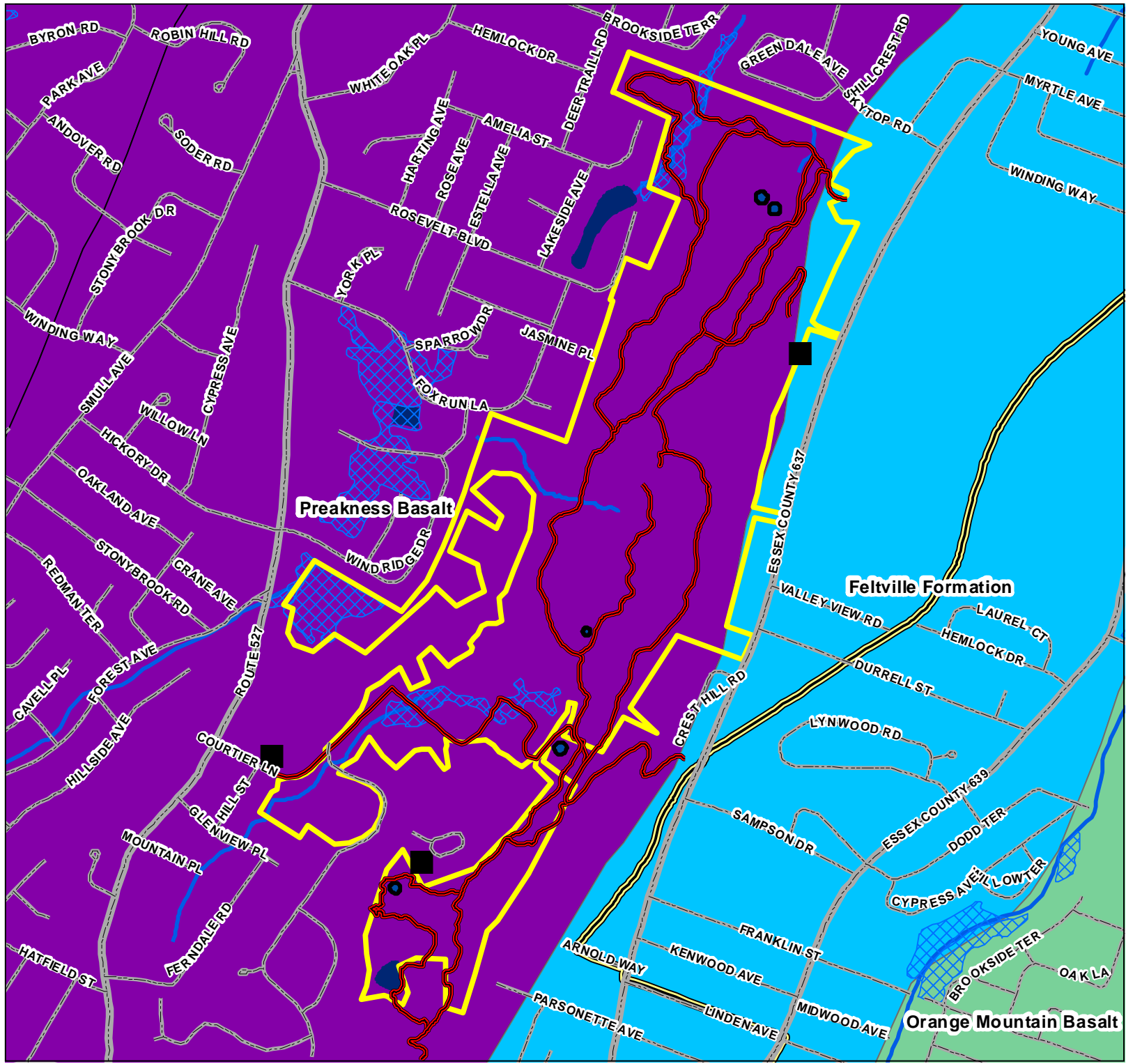
### Map ID Number - Former Use

- 1 - Prison Facility Area
- 2 - Agricultural Fields and Pasture Area
- 3 - Agricultural Fields
- 4 - Agricultural Fields, Compost Area
- 5 - Agricultural Fields, Compost Area
- 6 - Sanatorium Buildings Area
- 7 - Sanatorium Recreation Area
- 8 - County Hospital Buildings Area



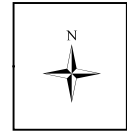
0 250 500 750 1,000 Feet





# Essex County Hilltop Reservation

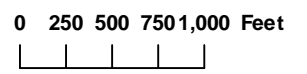
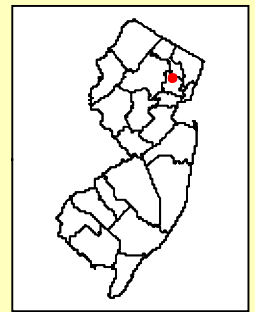
## Map 4. Bedrock Geology



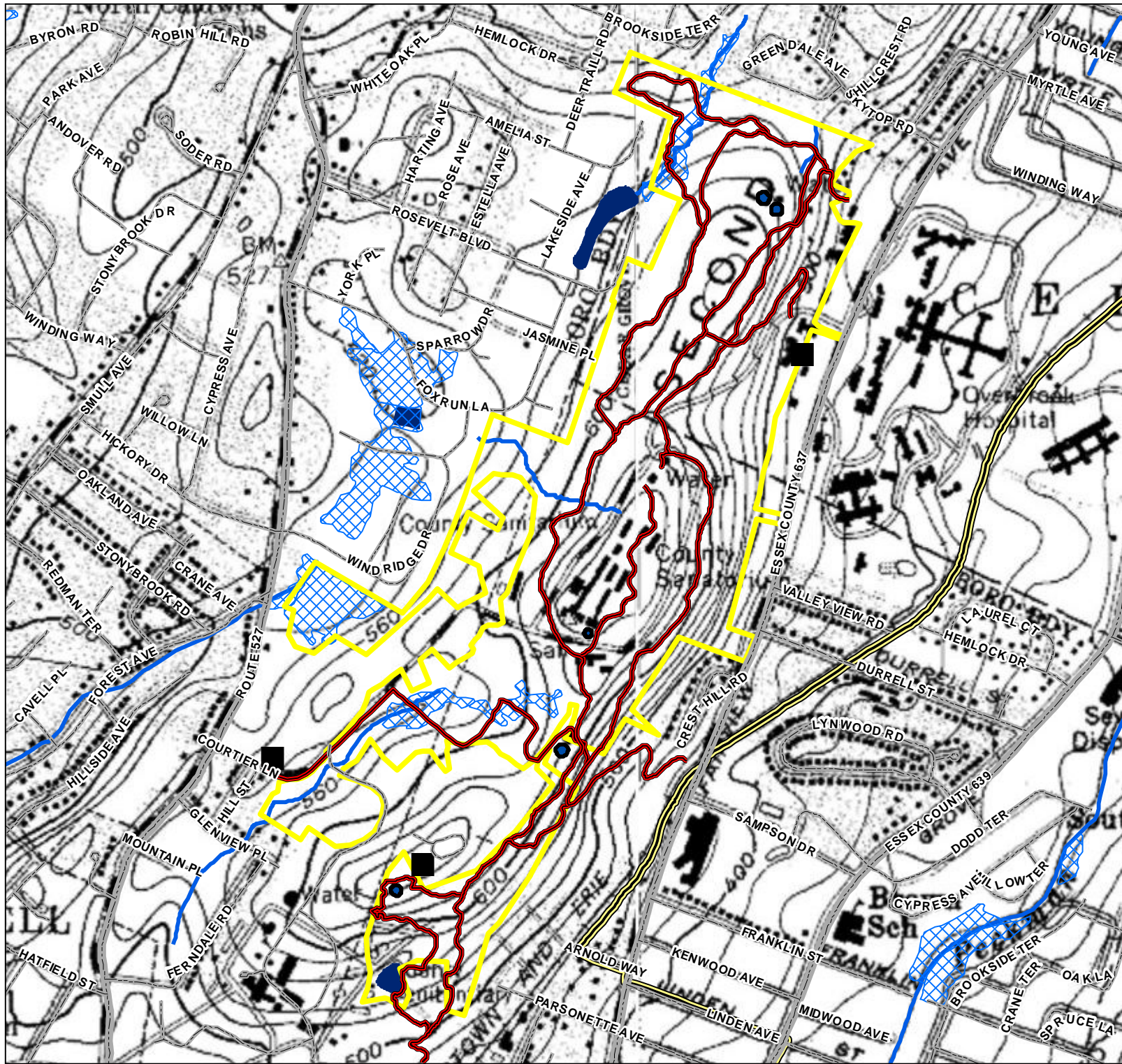
Map prepared by Michael Van Clef, Ph.D.  
Ecological Solutions LLC

### Legend

- Reservation Boundary
- Hilltop Trails
- Lenape Trail
- Parking Areas
- Water Towers
- NJDEP Wetlands
- Lakes
- Streams

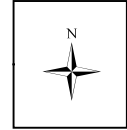






## Essex County Hilltop Reservation

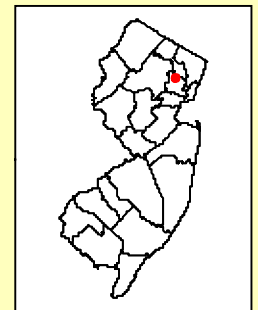
### Map 5. Topography



Map prepared by Michael Van Clef, Ph.D.  
Ecological Solutions LLC

#### Legend

-  Reservation Boundary
-  Hilltop Trails
-  Lenape Trail
-  Parking Areas
-  Water Towers
-  NJDEP Wetlands
-  Lakes
-  Streams

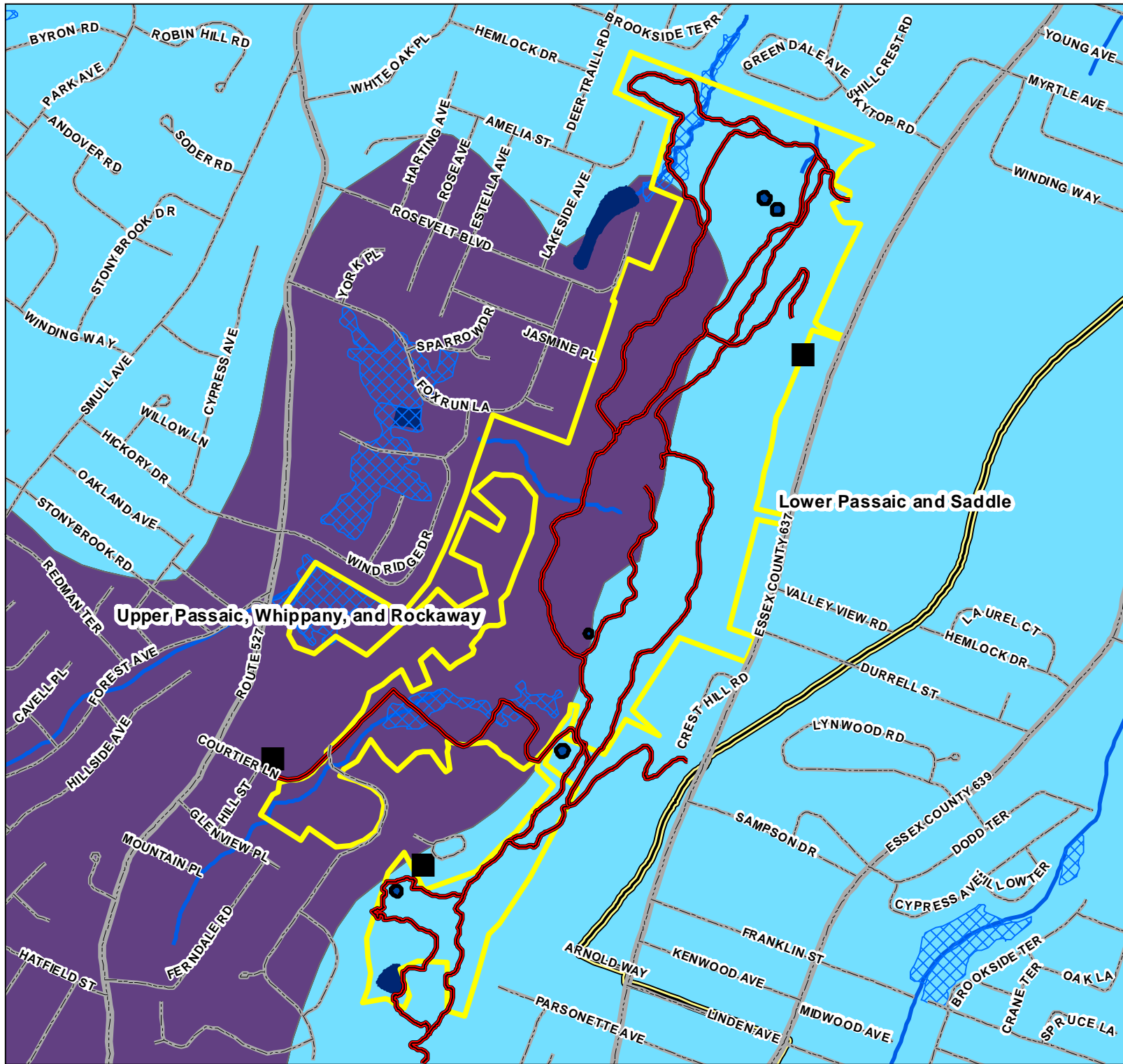


0 250 500 750 1,000 Feet



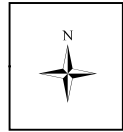






## Essex County Hilltop Reservation

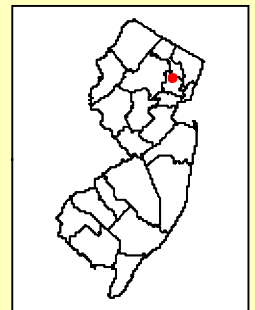
### Map 7. Water, Wetlands and Watersheds



Map prepared by Michael Van Clef, Ph.D.  
Ecological Solutions LLC

#### Legend

- Reservation Boundary
- Hilltop Trails
- Lenape Trail
- Parking Areas
- Water Towers
- NJDEP Wetlands
- Lakes
- Streams

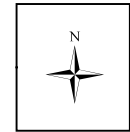


0 250 500 750 1,000 Feet



# Essex County Hilltop Reservation

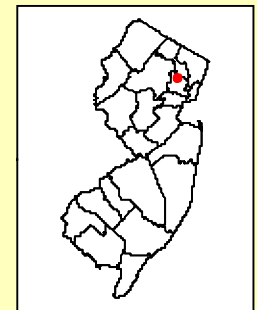
## Map 8. Rare Animals, Habitats and Landscape Project Patch Ranks



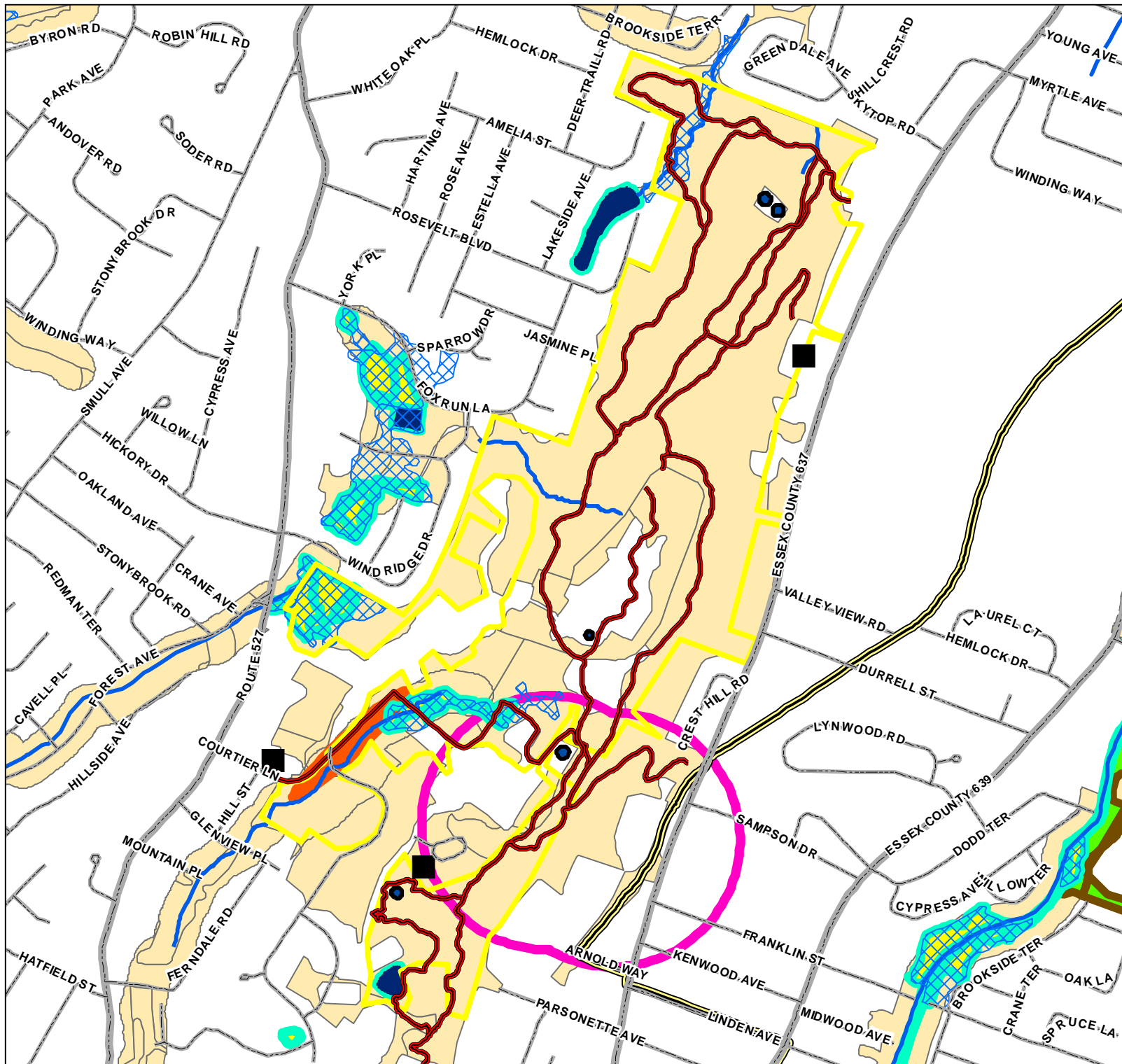
Map prepared by Michael Van Clef, Ph.D.  
Ecological Solutions LLC

### Legend

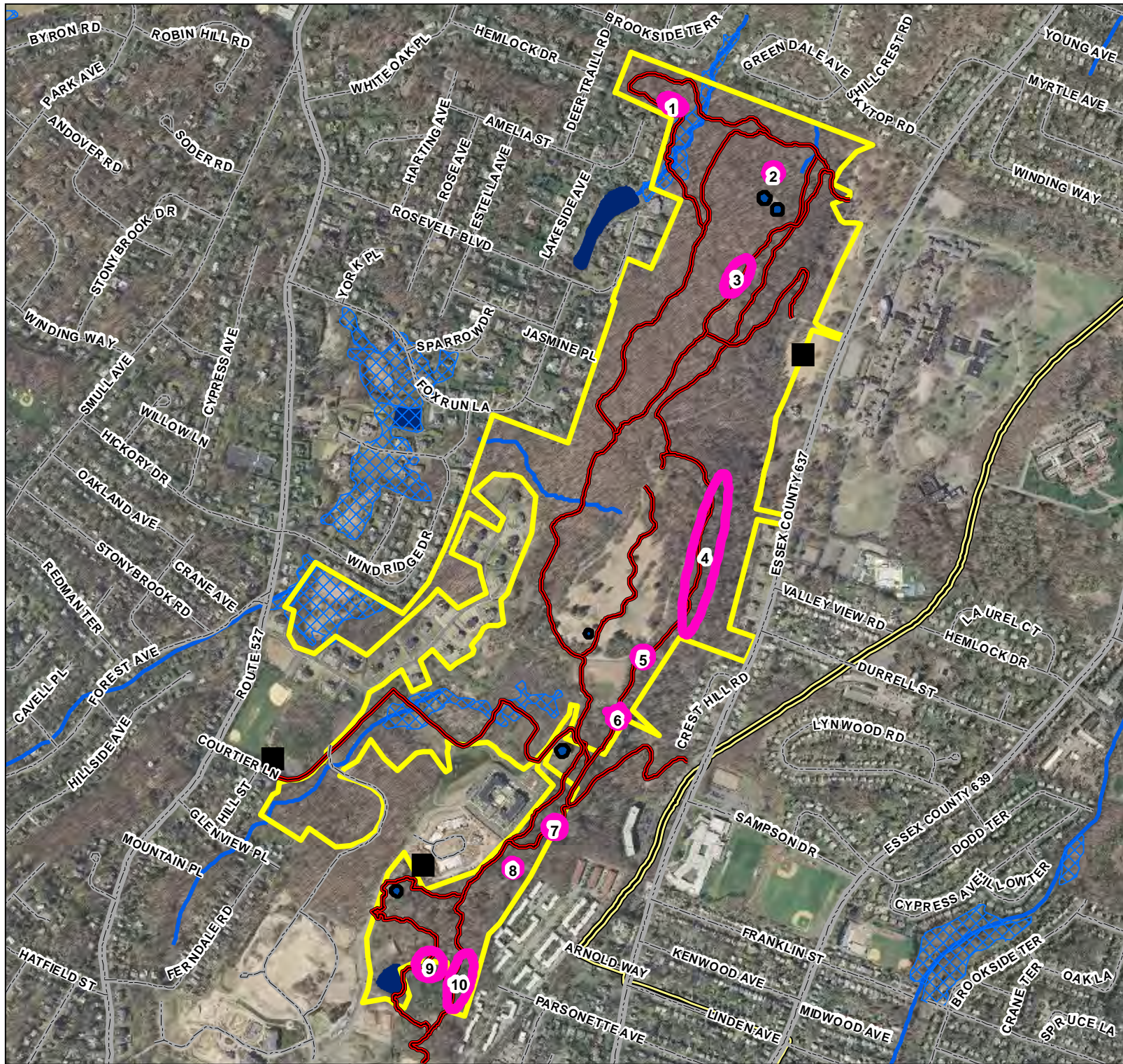
- Reservation Boundary
- Hilltop Trails
- Lenape Trail
- Parking Areas
- Water Towers
- NJDEP Wetlands
- Lakes
- Streams
- Great Blue Heron - Foraging
- Wood Turtle
- Field Observed Potential Vernal Pool Area
- Vernal Habitat
- Potential Area
- Confirmed Area
- Landscape Project Patch Ranks
  - 1 - Suitable Habitat
  - 2 - Special Concern Species
  - 3 - Threatened Species
  - 4 - Endangered Species
  - 5 - Federally Listed Species



0 250 500 750 1,000 Feet

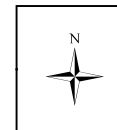






## Essex County Hilltop Reservation

### Map 9. Sample of Dense Invasive Species Infestations

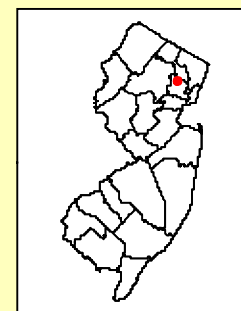


Map prepared by Michael Van Clef, Ph.D.  
Ecological Solutions LLC

#### Legend

- Reservation Boundary
- Dense Infestation Area
- Hilltop Trails
- Lenape Trail
- Parking Areas
- Water Towers
- NJDEP Wetlands
- Lakes
- Streams

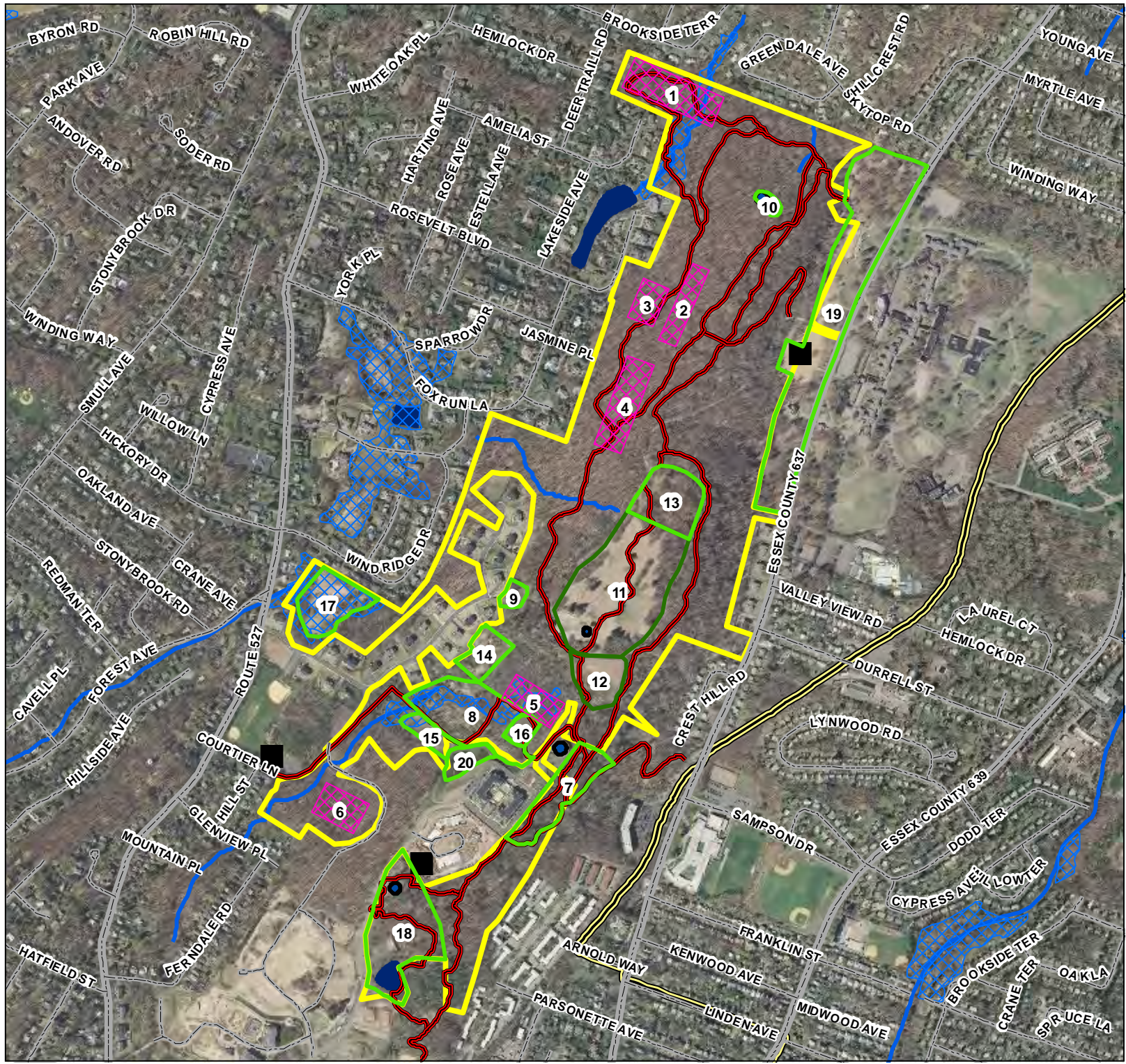
See Table 6 of Plan text for descriptions  
by numbered infestation area.



0 250 500 750 1,000 Feet







## Essex County Hilltop Reservation

### Map 10. Restoration Project Areas



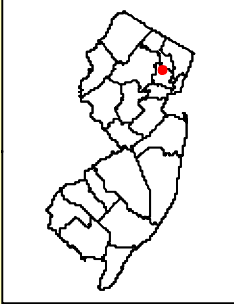
Map prepared by Michael Van Clef, Ph.D.  
Ecological Solutions LLC

#### Legend

- Reservation Boundary
- Hilltop Trails
- Lenape Trail
- Parking Areas
- Water Towers
- NJDEP Wetlands
- Lakes
- Streams

#### Restoration Areas

- Completed/Ongoing
- Potential
- Potential - Forest Enclosure



0 250 500 750 1,000 Feet