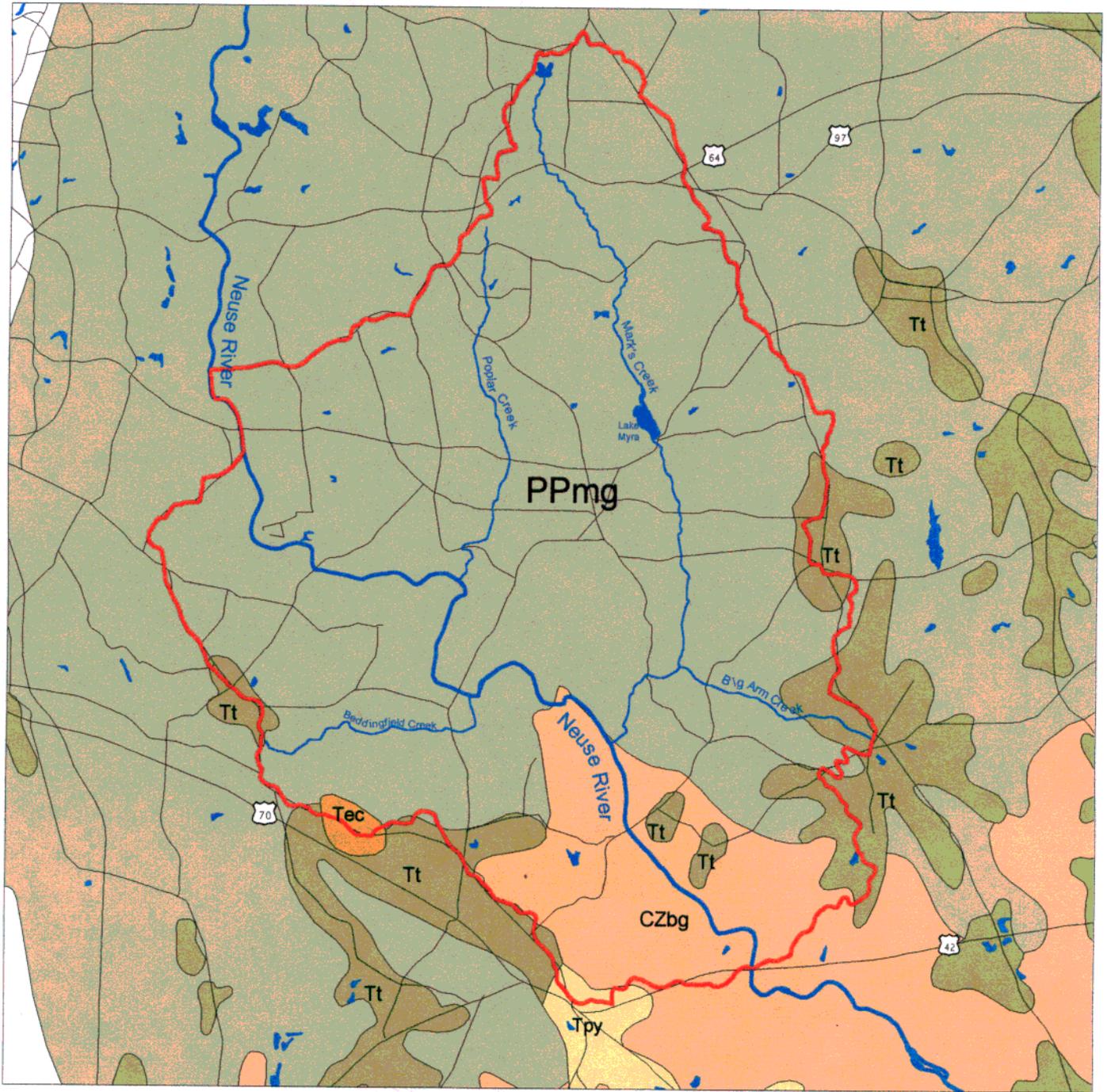


# Map 3: Geology



Neuse River - Mark's Creek Conservation Assessment



Prepared By:  
Triangle Land Conservancy  
Raleigh, NC  
November - 2001

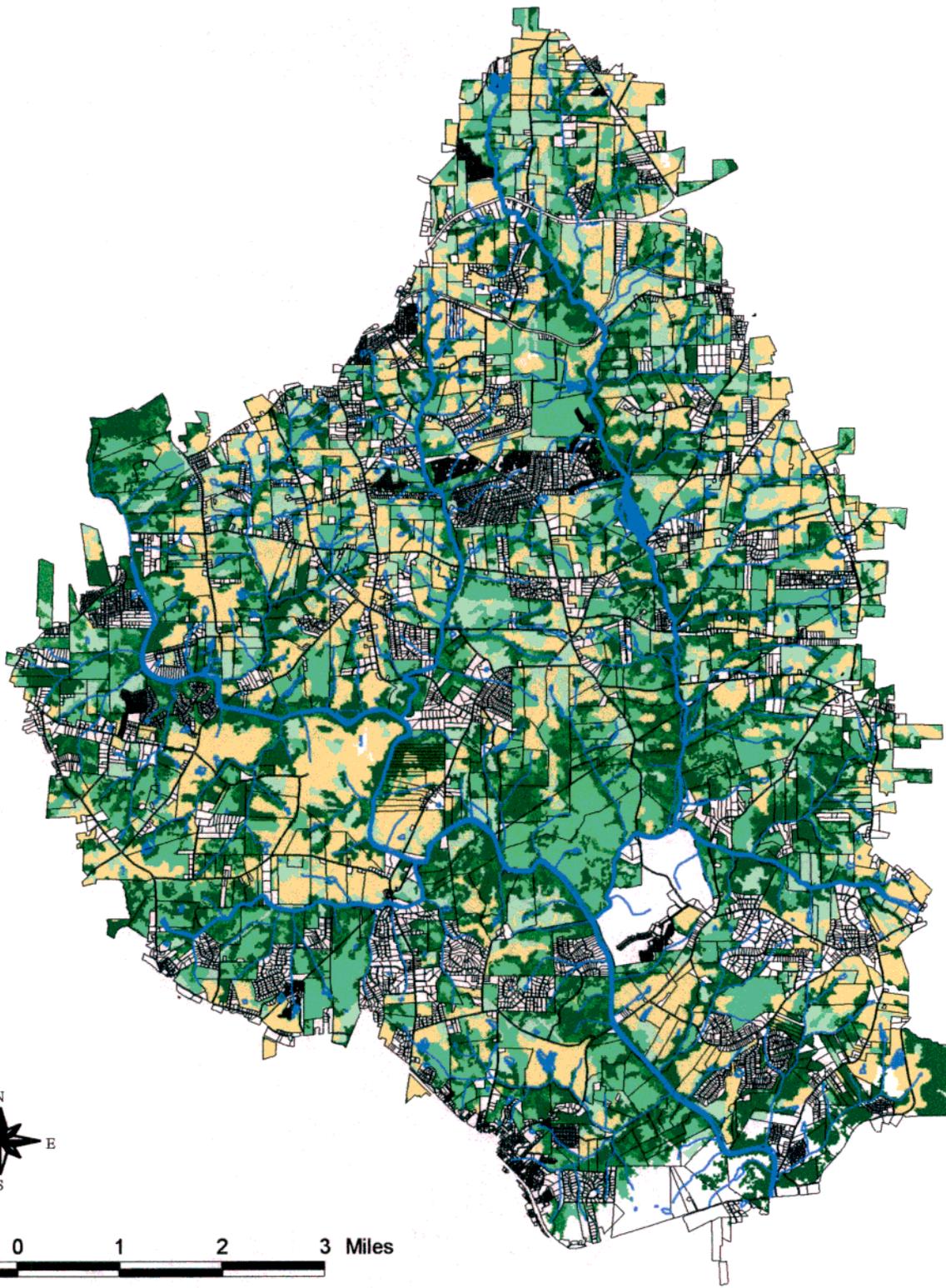
-  Project Focus Area
- Geology Types:
-  CZbg: Raleigh Belt Metamorphic Rocks - Biotite Gneiss & Schist
  -  PPmg: Raleigh Belt Intrusive Rocks - Foliated to Massive Granitic Rock
  -  Tec: Castle Hayne Formation, Comfort Member and/or New Hanover Member
  -  Tpy: Yorktown Formation and/or Duplin Formation
  -  Tt: Terrace Deposits & Upland Sediment

Cartography By:



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Triangle Land Conservancy  
Raleigh, NC

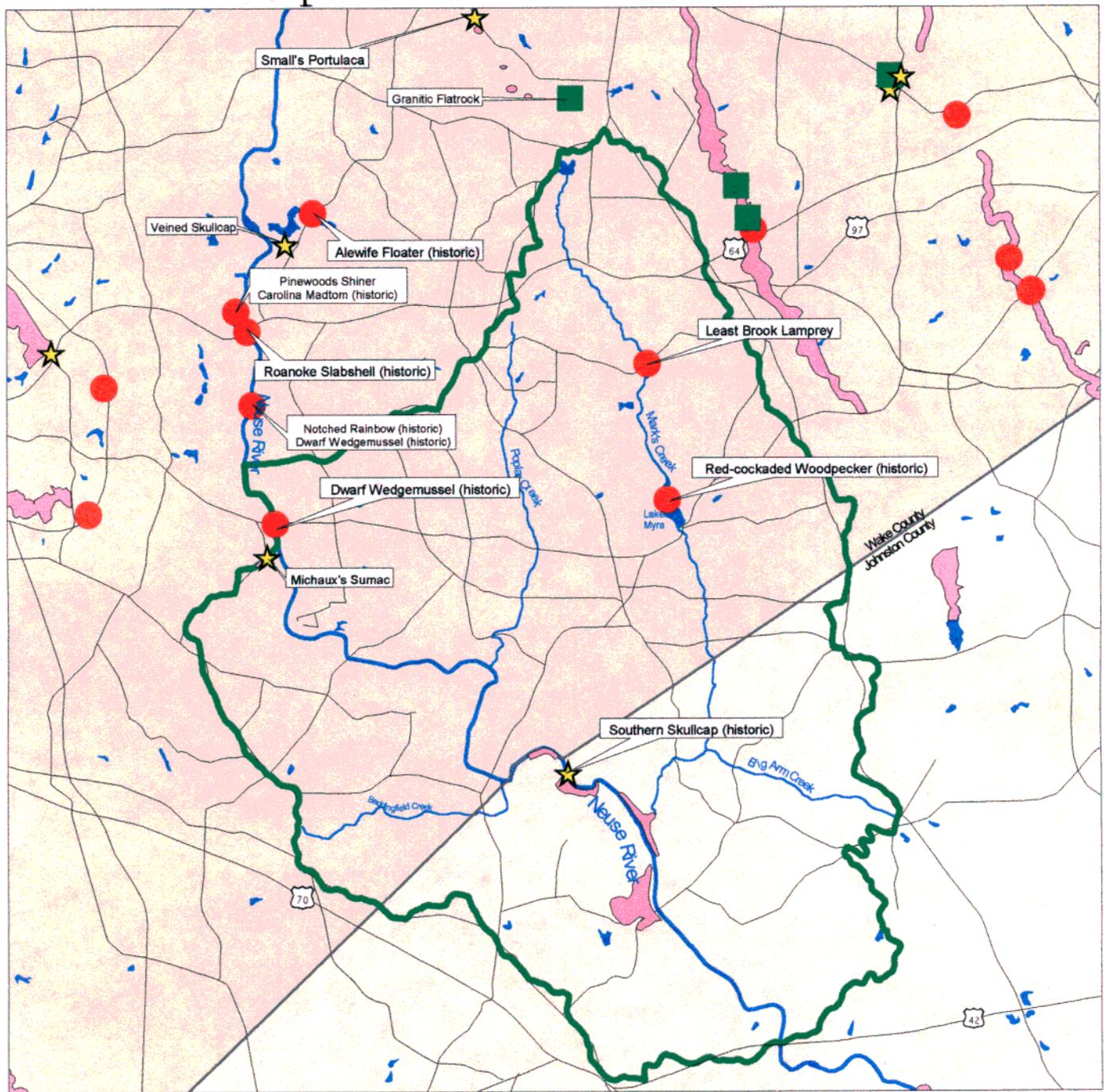
## MAP 4

### Vegetative Cover in the Neuse River - Mark's Creek Watershed

Based on Satellite Data  
from 1993 - 1995

-  "Mature" Forest  
(Bottomland Forest/ Hardwood Swamp,  
Mixed Upland Hardwoods, Mixed  
Hardwoods/Conifers)
-  Southern Yellow Pine
-  Shrubland  
Including Deciduous, Evergreen, and Mixed
-  Farmland  
Including Cultivated, Managed Herbaceous  
Cover, and Unmanaged Herbaceous Cover
-  Developed Land

# Map 5: Significant Natural Heritage Sites & Rare Species Occurrences



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Raleigh, NC  
November - 2001

**Identified Sites**

- ★ Plant
- Animal
- Natural Community

NC Natural Heritage Site  
 Project Focus Area

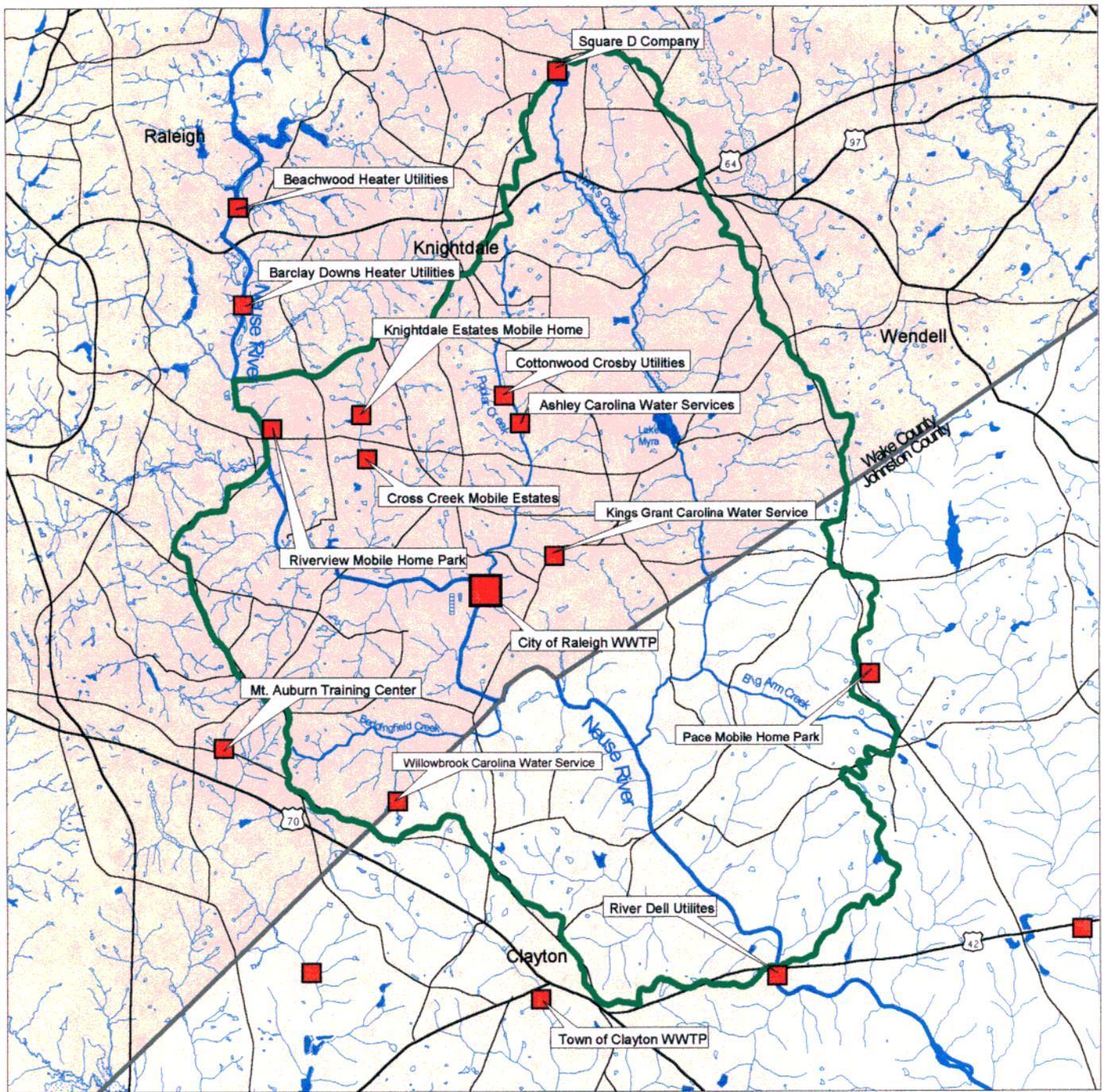
Cartography By:



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# Map 8: NPDES Sites



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 NPDES Sites  
 Project Focus Area

Cartography By:



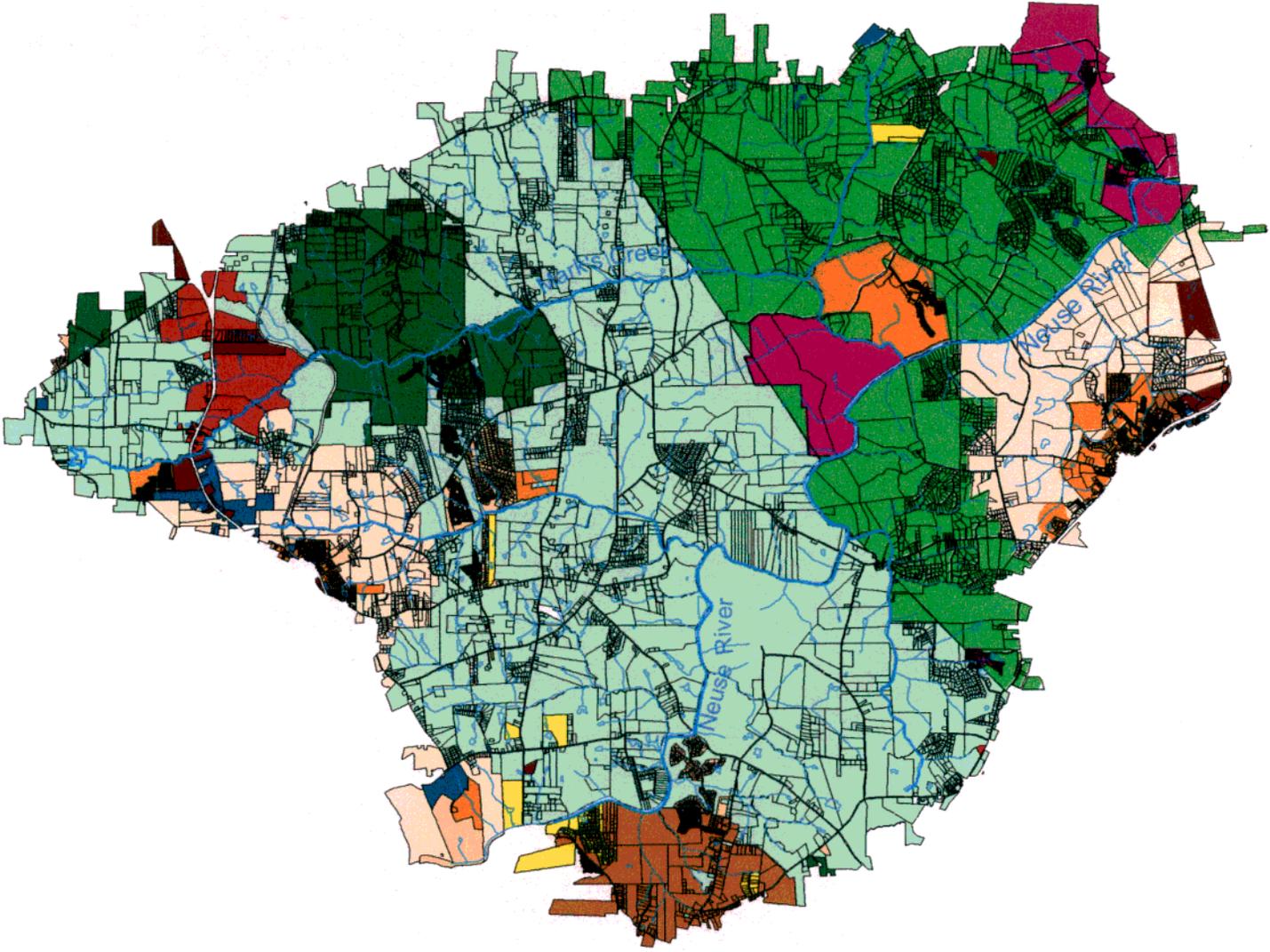
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# MAP 11

## Zoning

-  R-40, Approx. 1 Dwelling Unit per Acre
-  Johnston Co.'s AR (Agricultural Residential)  
1-1.5 Dwelling Units per Acre
-  R-30, Approx. 1.5 Units per Acre
-  Clayton/Knightdale ETJ Zoning
-  Clayton AR - No Density Specified
-  Knightdale RA/R-40/20 (1-2 Units per Acre)
-  R-15 through R-20, Approx. 2-3 Units per Acre
-  R-7 through R-10, Approx. 4-6 Units per Acre
-  R-4 through R-6, Approx. 7-10 Units Per Acre
-  Planned Unit Development
-  Mobile Home District
-  Highway District
-  Industrial and Airport District
-  Office, Institutional, Commercial



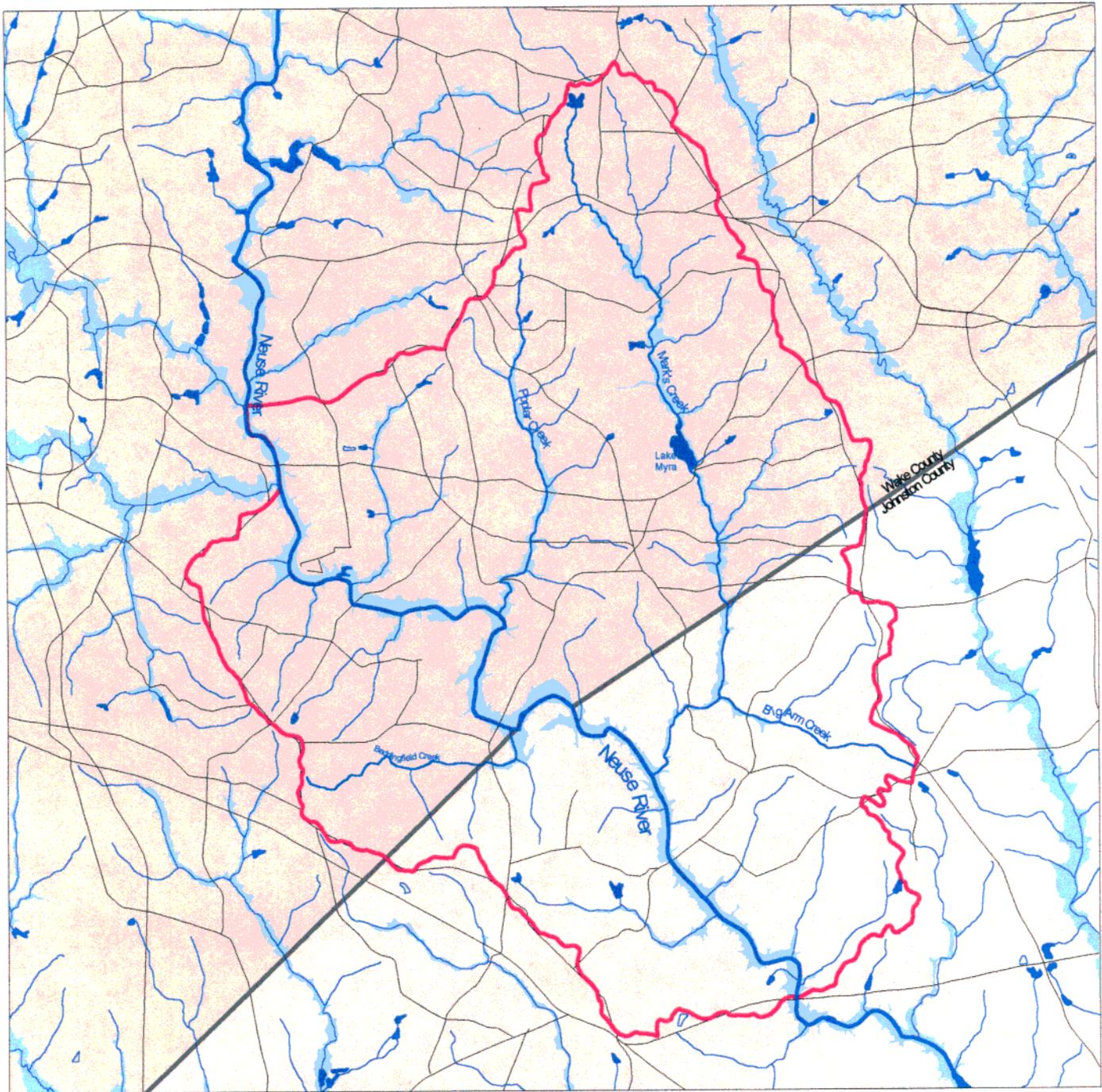
**tlc**

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Raleigh, NC

Neuse River - Mark's Creek  
Conservation Assessment



# Map 12: Floodplains



## Neuse River - Mark's Creek Conservation Assessment



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**Project Focus Area**  
**Floodplains**

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0 2 4 6 Miles

# MAP 13

## Flatrocks Area North of Mark's Creek Watershed

- Significant Flatrock Sites Identified and Surveyed by Natural Heritage Program
- Other Potential Flatrock Sites Identified Through Orthophotos
- TLC Nature Preserve
- Wake County Planned Greenway
- Potential Linkages from Greenway to Other Significant Open Space



Neuse River - Mark's Creek  
Conservation Assessment

