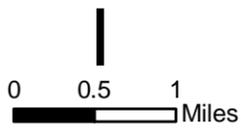
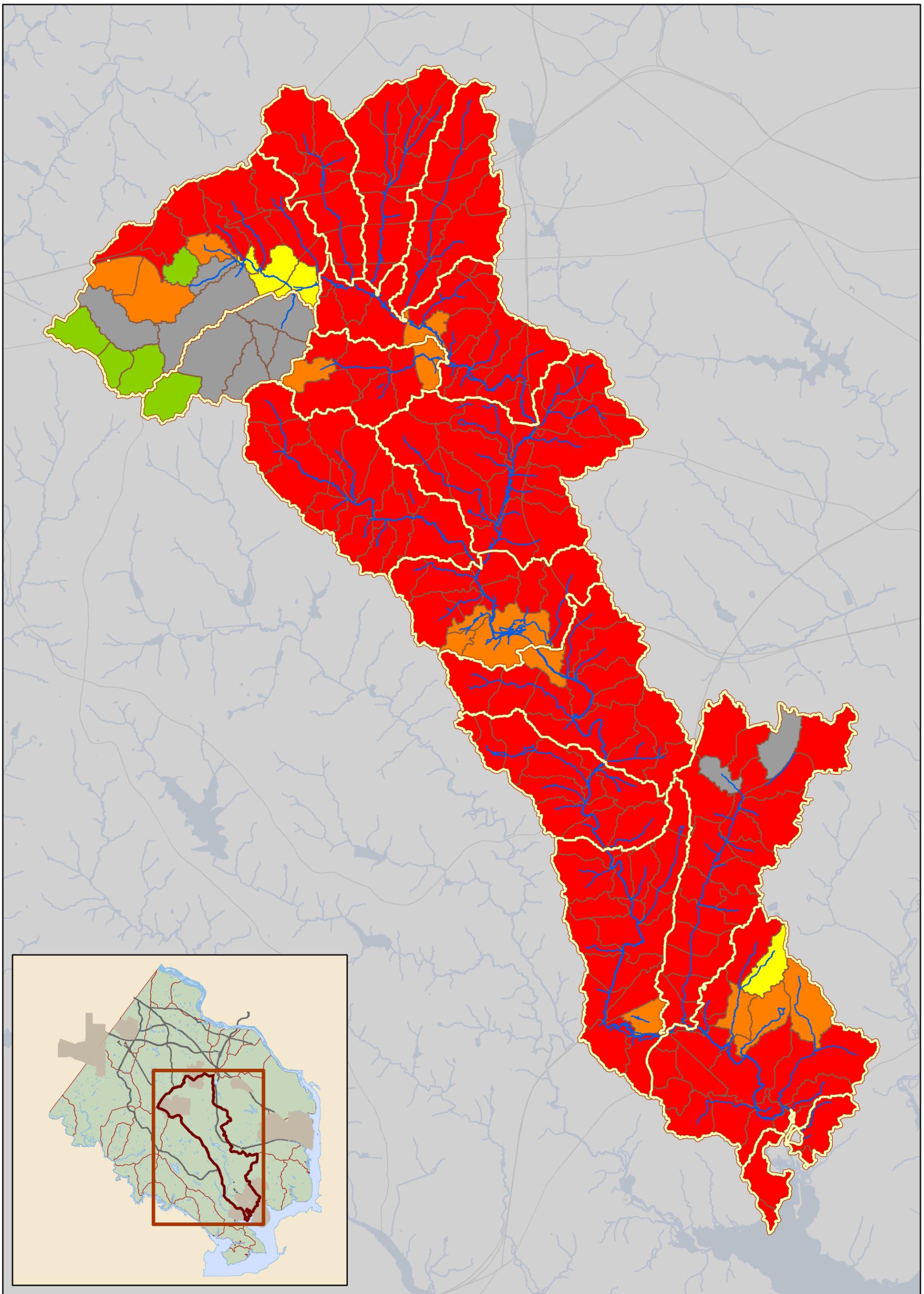


-  Watershed Boundary
-  Subwatershed Boundary
-  Lakes and Ponds
-  Streams

- Existing Total Nitrogen Load**
-  No Data
 -  Low
 -  Moderate
 -  High
 -  Very High

Figure 2-1

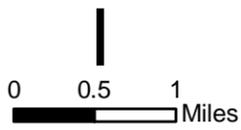
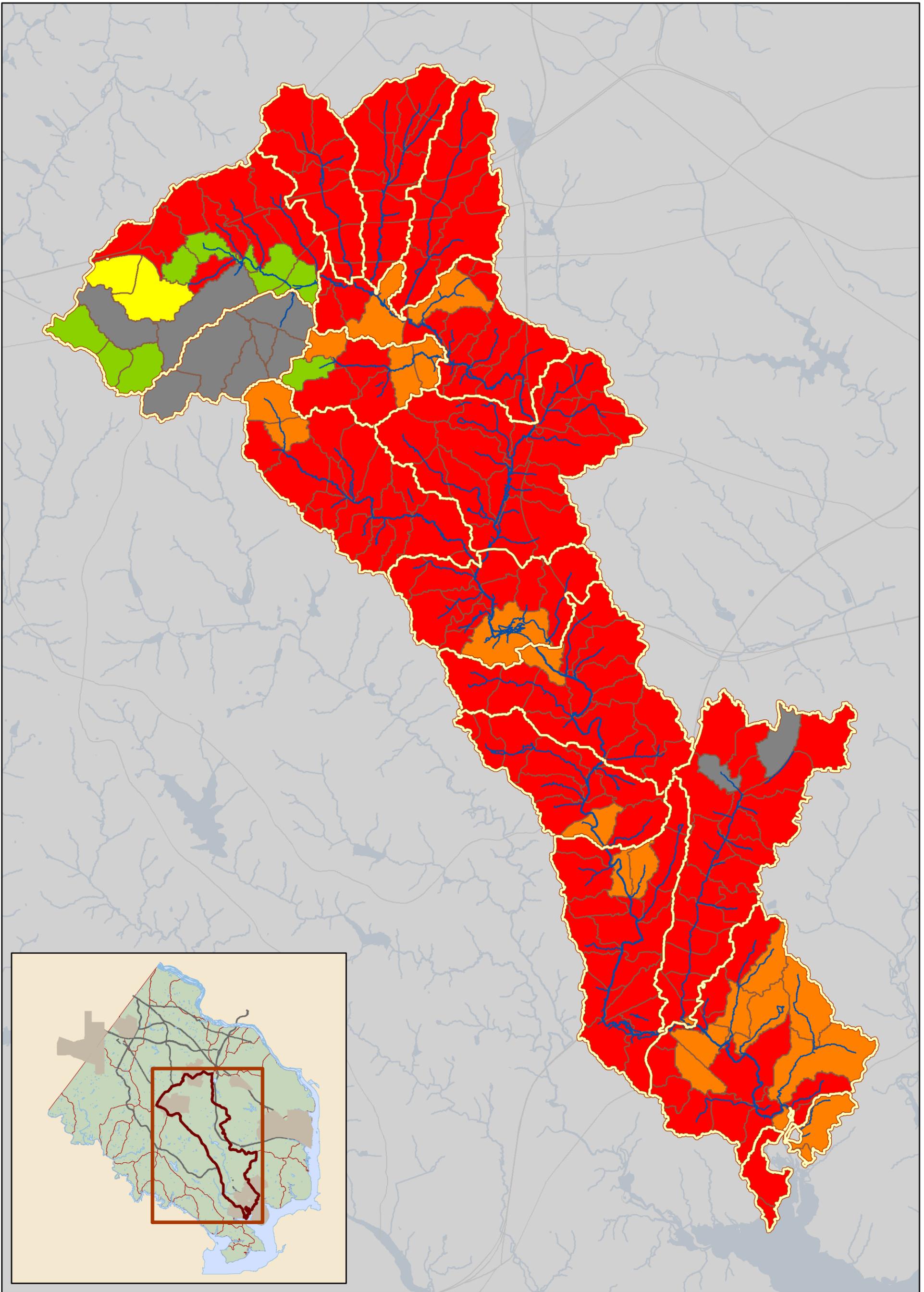
TN Loading Map
Accotink Creek Watershed



-  Watershed Boundary
-  Subwatershed Boundary
-  Lakes and Ponds
-  Streams

- Existing Total Phosphorus Load**
-  No Data
 -  Low
 -  Moderate
 -  High
 -  Very High

Figure 2-2
TP Loading Map
 Accotink Creek Watershed



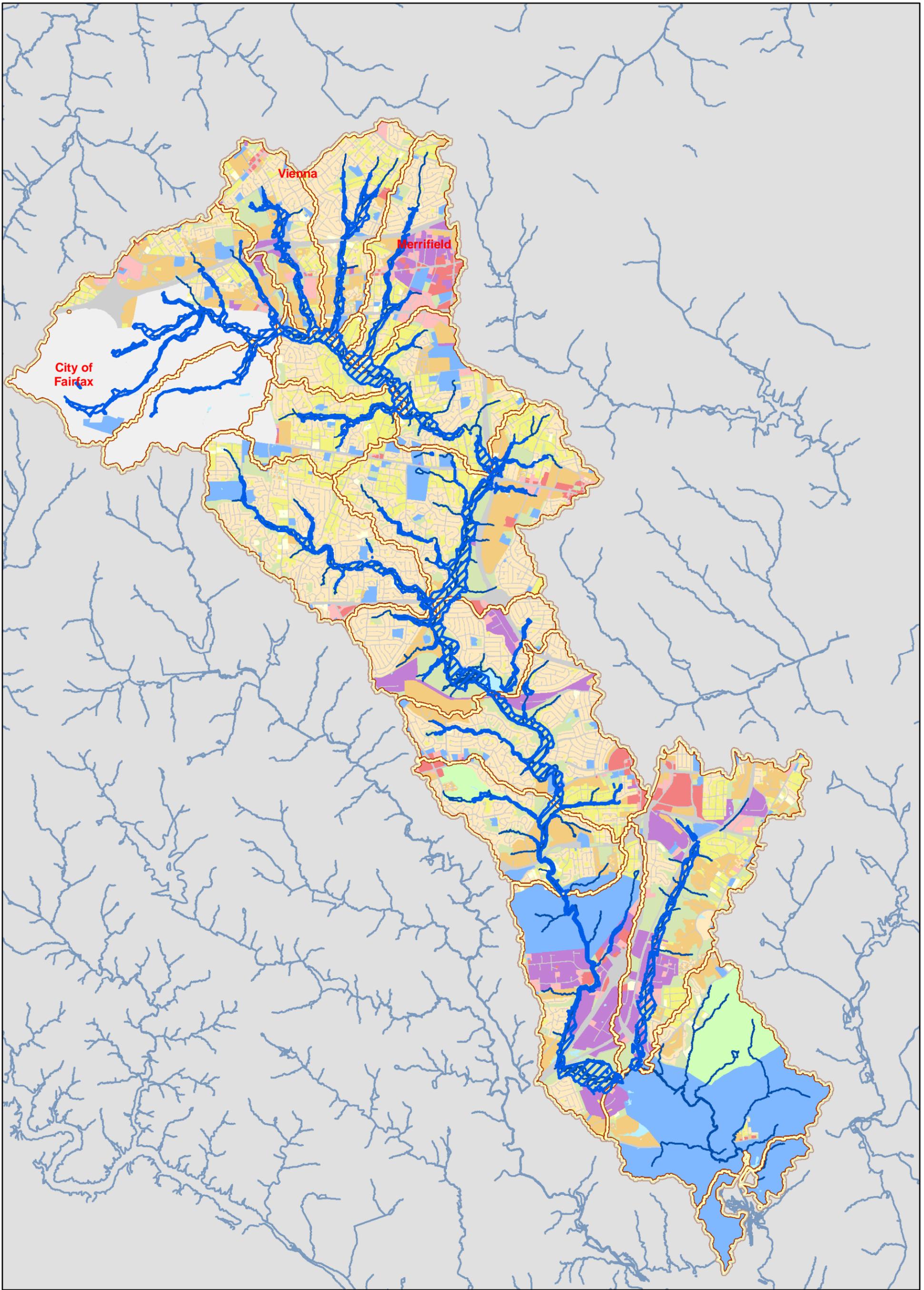
- Watershed Boundary
- Subwatershed Boundary
- Lakes and Ponds
- Streams

Existing Total Suspended Solids Load

- No Data
- Low
- Moderate
- High
- Very High

Figure 2-3

TSS Loading Map
Accotink Creek Watershed



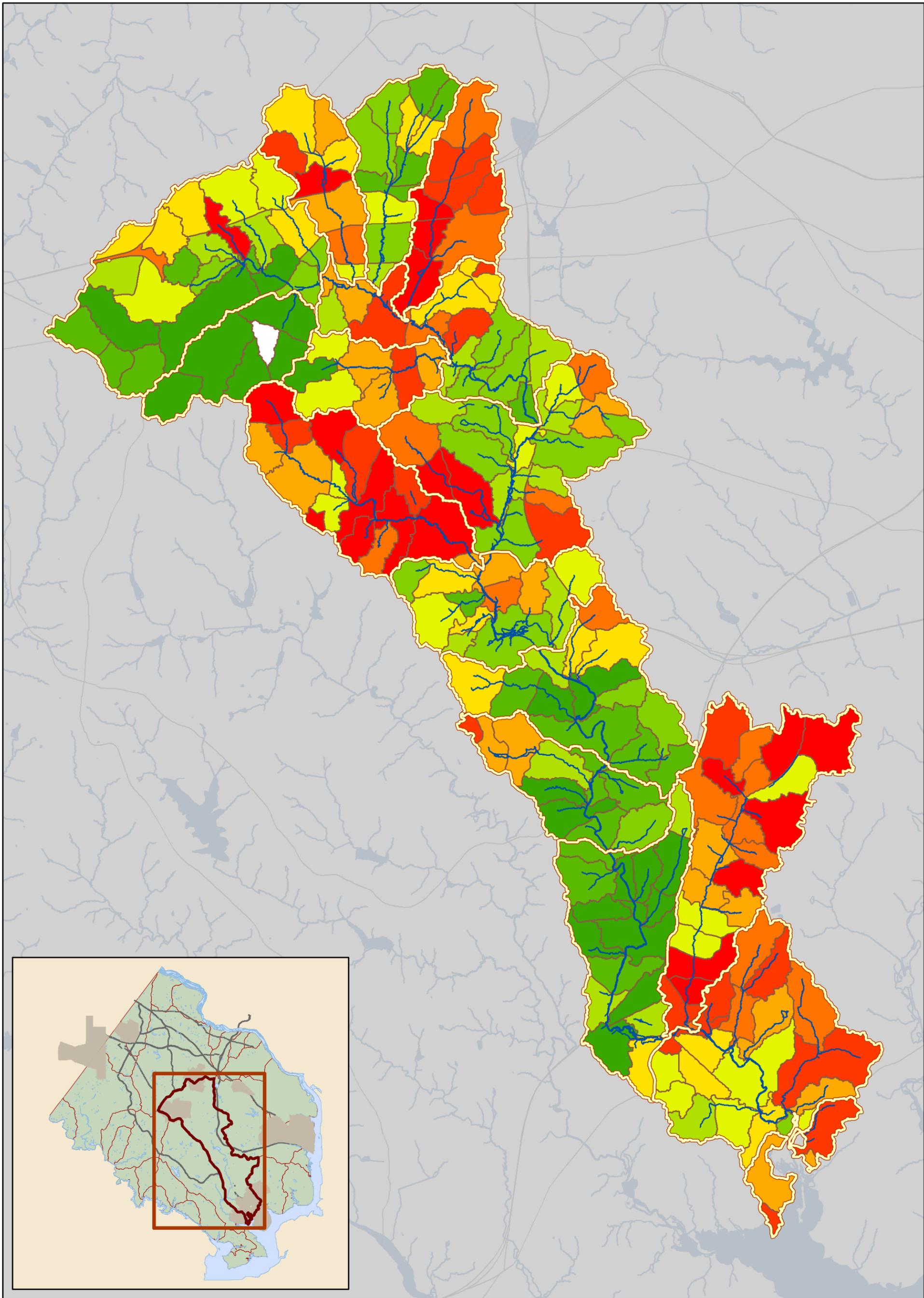
0 0.5 1 Miles

MAPPING FROM PRELIMINARY DATA
NOT FOR RELEASE

Figure 2-4

**100-Year
Flood Limits**

Accotink Creek
Watershed



Rank (from 1 to 203)

0 - 20	101 - 120
21 - 40	121 - 140
41 - 60	141 - 160
61 - 80	161 - 180
81 - 100	181 - 203

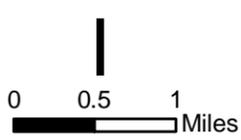
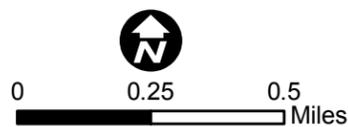
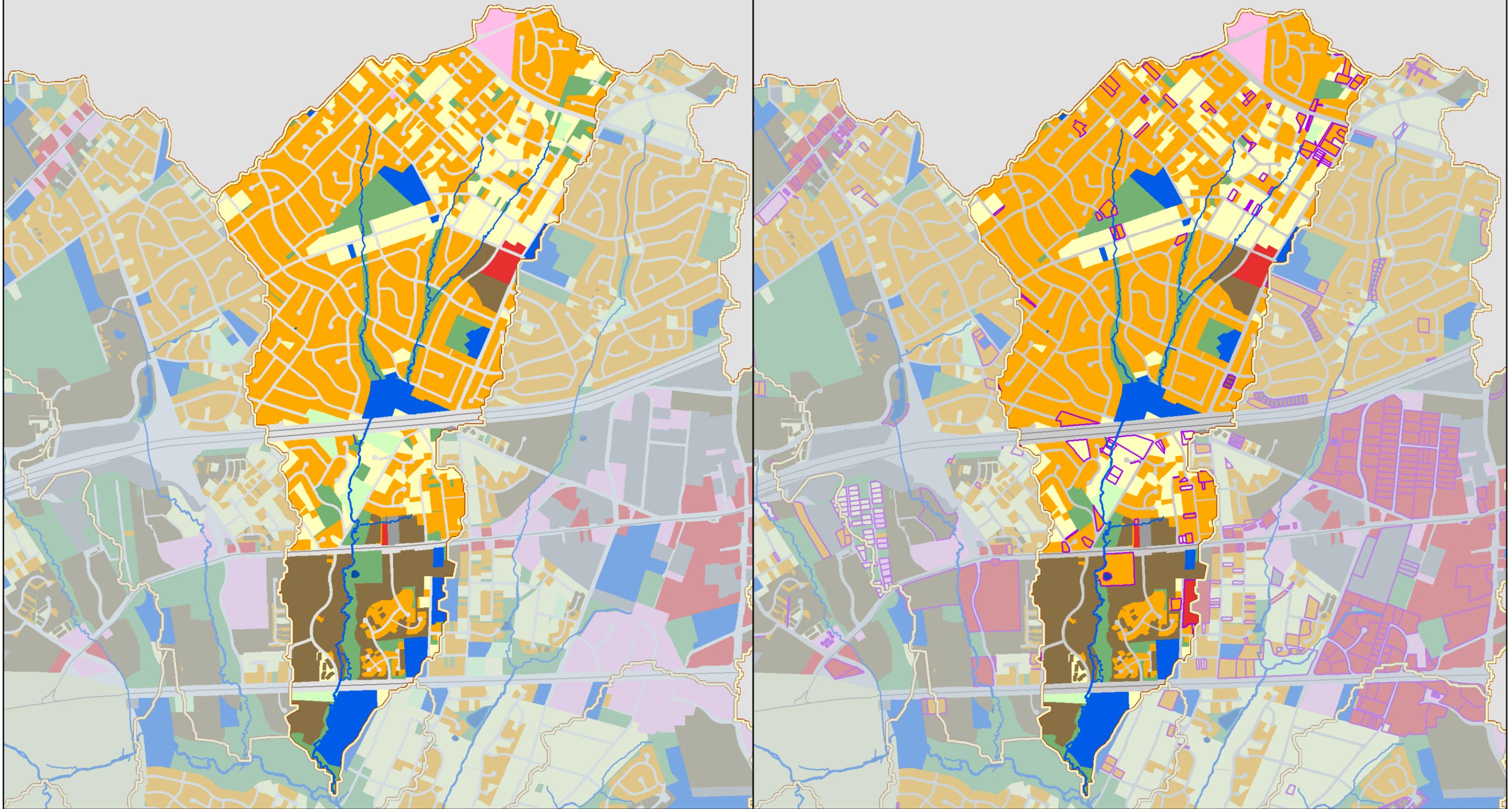


Figure 2-5
Subwatershed Ranking
 Accotink Creek Watershed

Existing Land Use

Future Land Use

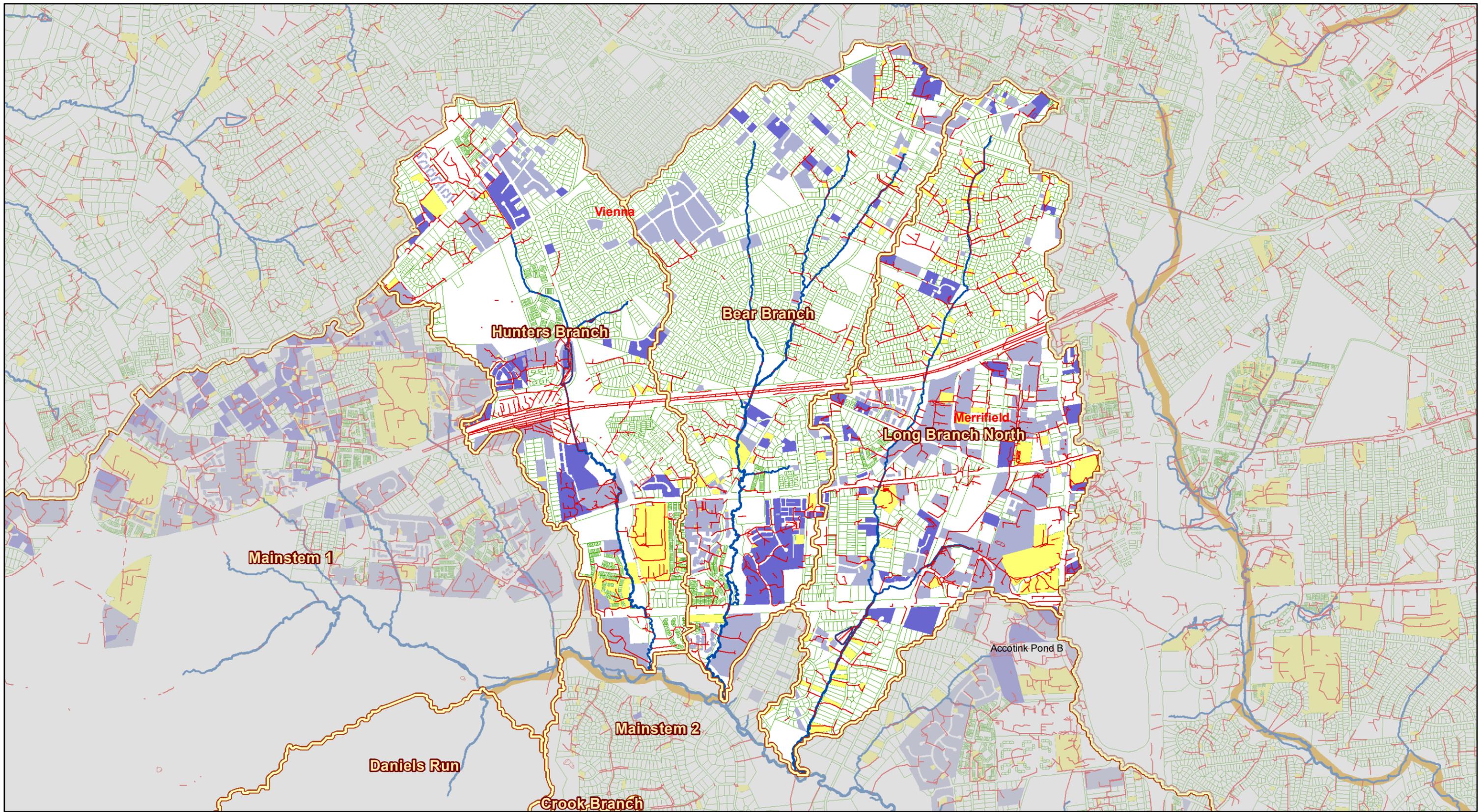


Land Use

- | | | | | |
|--------------------|---------------------------|--------------------------|----------------------------|--------------------|
| Estate Residential | High Density Residential | Institutional | Medium Density Residential | Water |
| City of Fairfax | High Intensity Commercial | Low Density Residential | Open Space | WMA Boundary |
| Golf Course | Industrial | Low Intensity Commercial | Transportation | Change in Land Use |

Figure 2-6

Land Use Map
Bear Branch



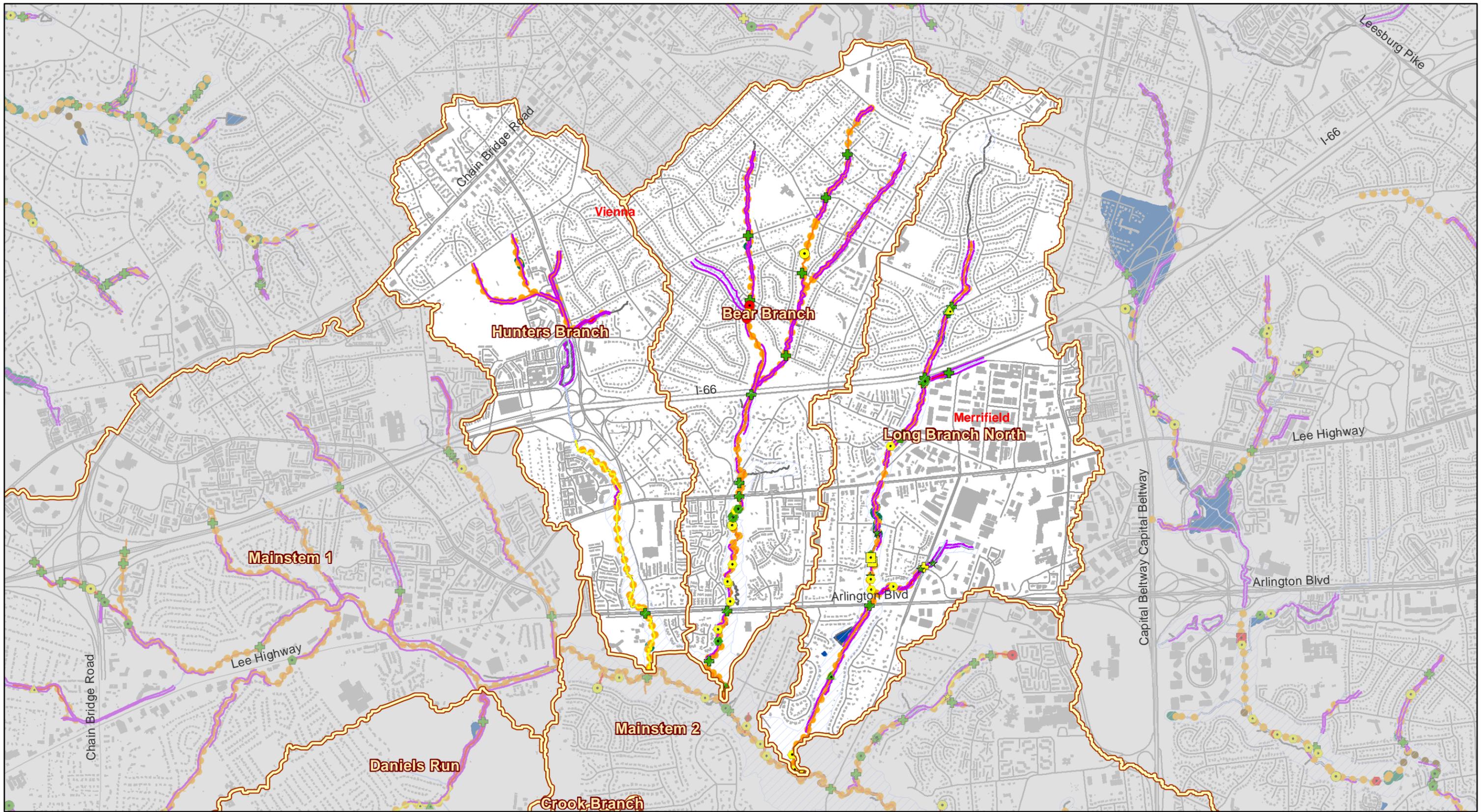
0 0.25 0.5 Miles

- | | | | |
|---------------------|-----------------------|----------------------|---------------------------------------------|
| WMA Boundary | Regional Ponds | Subarea | MSMD Flooding/Drainage Complaints |
| 303d Listed Streams | Constructed | Quantity and Quality | STMDRN; SWM/BMP |
| Stormnet Facilities | Planned | Quantity | Public Identified Problem Areas 2003 - 2006 |
| Stormnet Arcs | | | |
| Parcels | | | |

Figure 2-7

Stormwater Infrastructure Map

Hunters Branch
 Bear Branch
 Long Branch North




0 0.25 0.5 Miles

<p>Obstruction Impact</p> <ul style="list-style-type: none"> Minor to Moderate Moderate to Severe Severe to Extreme <p>Habitat Rating</p> <ul style="list-style-type: none"> Excellent Fair Very Poor Good Poor Unassessed 	<p>Dump Site Impact</p> <ul style="list-style-type: none"> Minor to Moderate Moderate to Severe Severe to Extreme 	<p>Pipe Impact</p> <ul style="list-style-type: none"> Minor to Moderate Moderate to Severe Severe to Extreme <p>CEM Category</p> <ul style="list-style-type: none"> CEM 2 - Incising CEM 3 - Widening 	<p>Ditch Impact</p> <ul style="list-style-type: none"> Minor to Moderate Moderate to Severe Severe to Extreme 	<p>Utility Impact</p> <ul style="list-style-type: none"> Minor to Moderate Moderate to Severe Severe to Extreme <p> Resource Protection Area (RPA)</p> <p> WMA Boundary</p>	<p>Crossing Impact</p> <ul style="list-style-type: none"> Minor to Moderate Moderate to Severe Severe to Extreme <p> Lakes and Ponds</p> <p> Erosion</p>	<p>Head Cut Height</p> <ul style="list-style-type: none"> 0.5' - 1.0' 1' - 2' >2' <p> Deficient Buffer</p>
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Figure 2-8
Stream Condition Map
 Hunters Branch
 Bear Branch
 Long Branch North