

August 2001

Hillsborough River Watershed Management Plan

Submitted to:

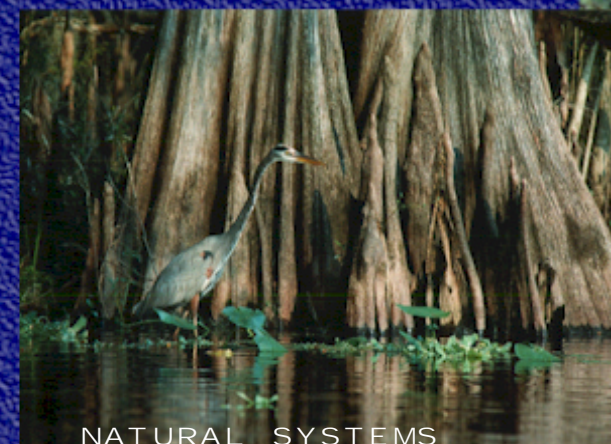
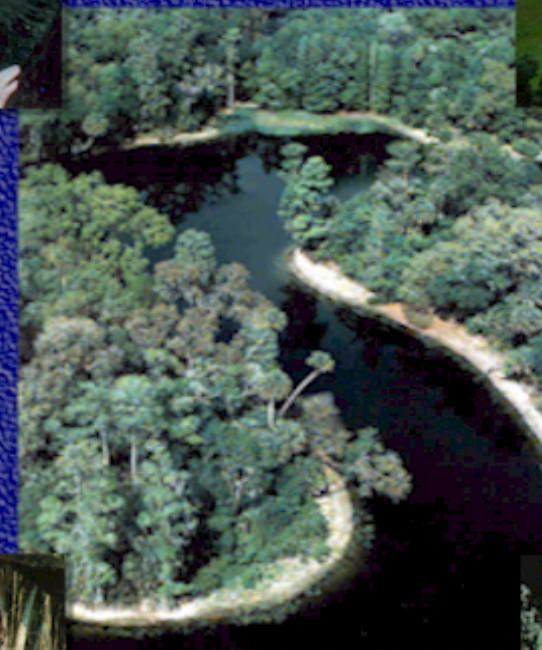


Hillsborough County
Stormwater Management Section

Submitted by:



VOLUME 4
Data Book



PREFACE

This data book is intended to be an integral part of the existing conditions report (Vol.3 and Vol.4) for water quality, natural systems, and water supply for the Hillsborough River Watershed Management Plan. The maps in this data book are thematic in nature and are plotted at various scales. They are intended to provide a regional view of some of the issues and information about this watershed. They are not intended to answer detailed site-specific questions. The following data sources were used to create this data book.

- Southwest Florida Water Management District
- Hillsborough County Environmental Protection Commission
- EPA STORET Database
- University of Florida FGDL
- Florida Department of Environmental Protection
- EPA CERCLIS Database



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General Location of the Hillsborough River Watershed

Legend:

-  Major Streams
-  Major Lakes
-  County Boundaries
-  Major Roads
-  Watershed Boundary

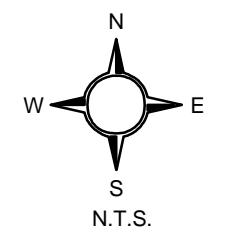
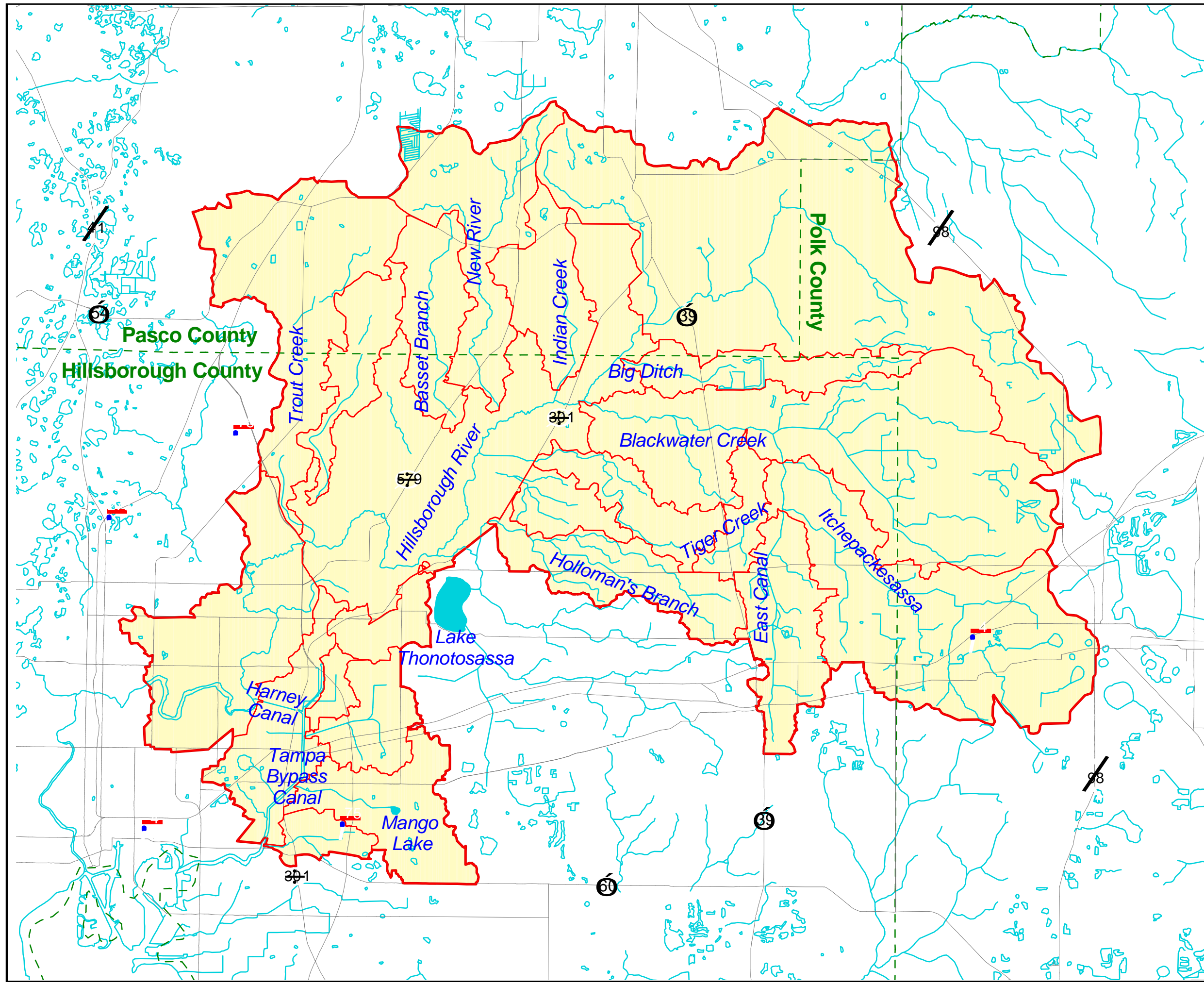
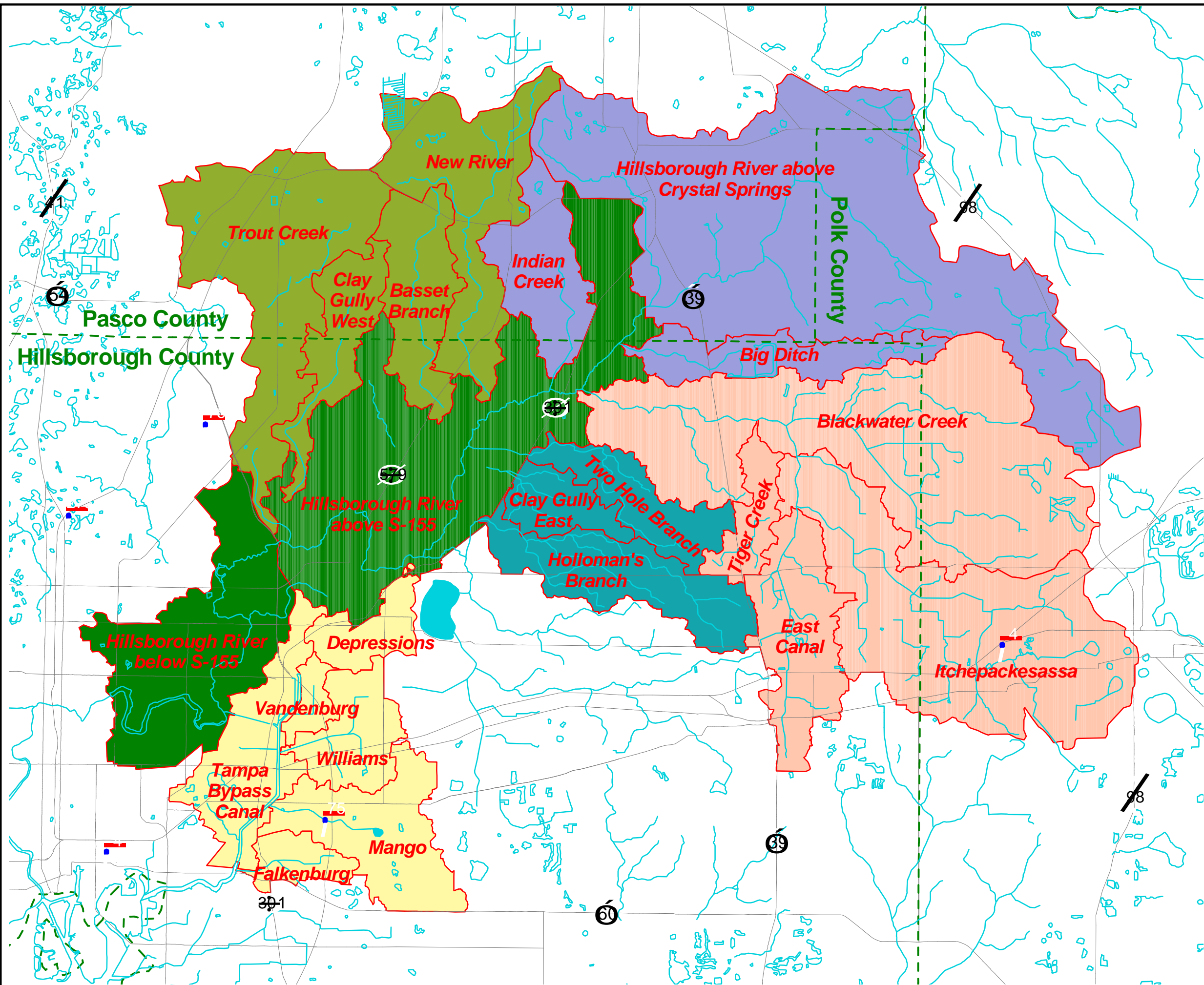


Figure 1



Region and Subwatershed Divisions in the Hillsborough River Watershed



Legend:

- Major Streams
- Major Lakes
- County Boundaries
- Major Roads
- Subwatershed Boundaries
- Tampa Bypass Canal and Tributaries Region
- Northwest Tributaries Region
- Hillsborough River near Crystal Springs Region
- Hillsborough River Region
- Central Tributaries Region
- Blackwater Creek Region

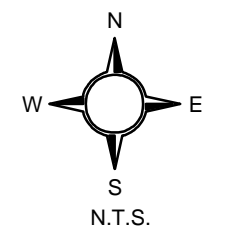



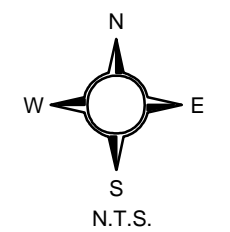
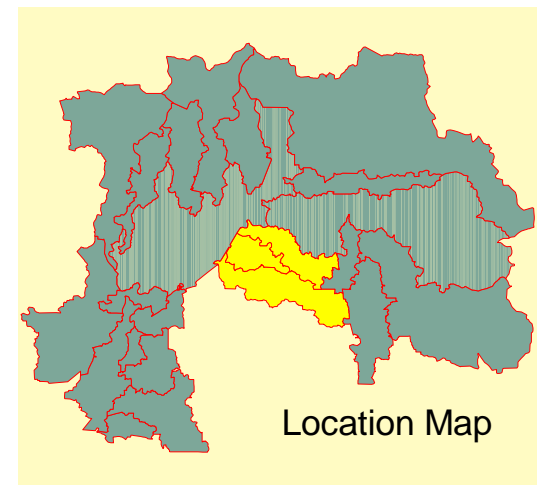
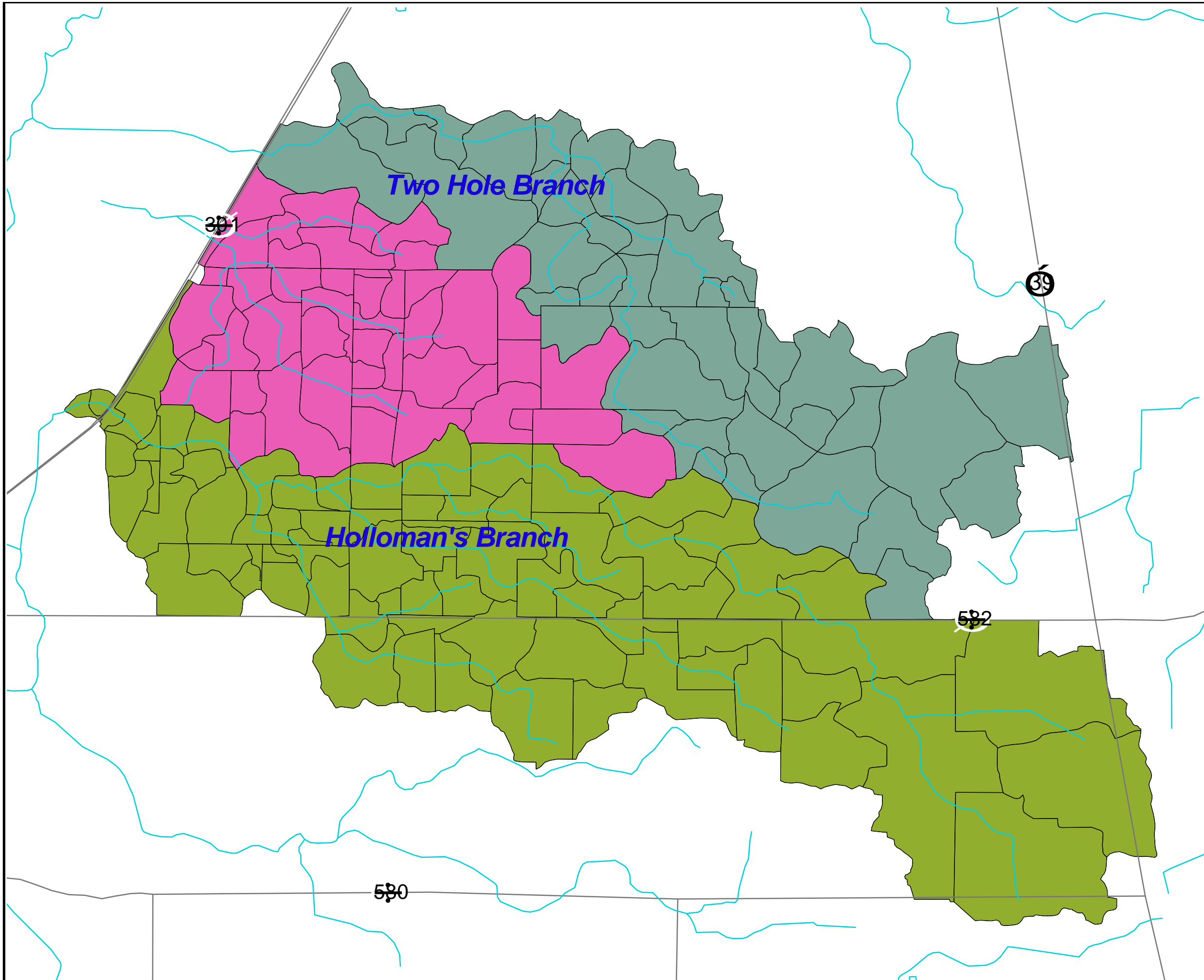


Figure 2

**Subbasin Divisions in the
Central Tributaries Region**

Legend:

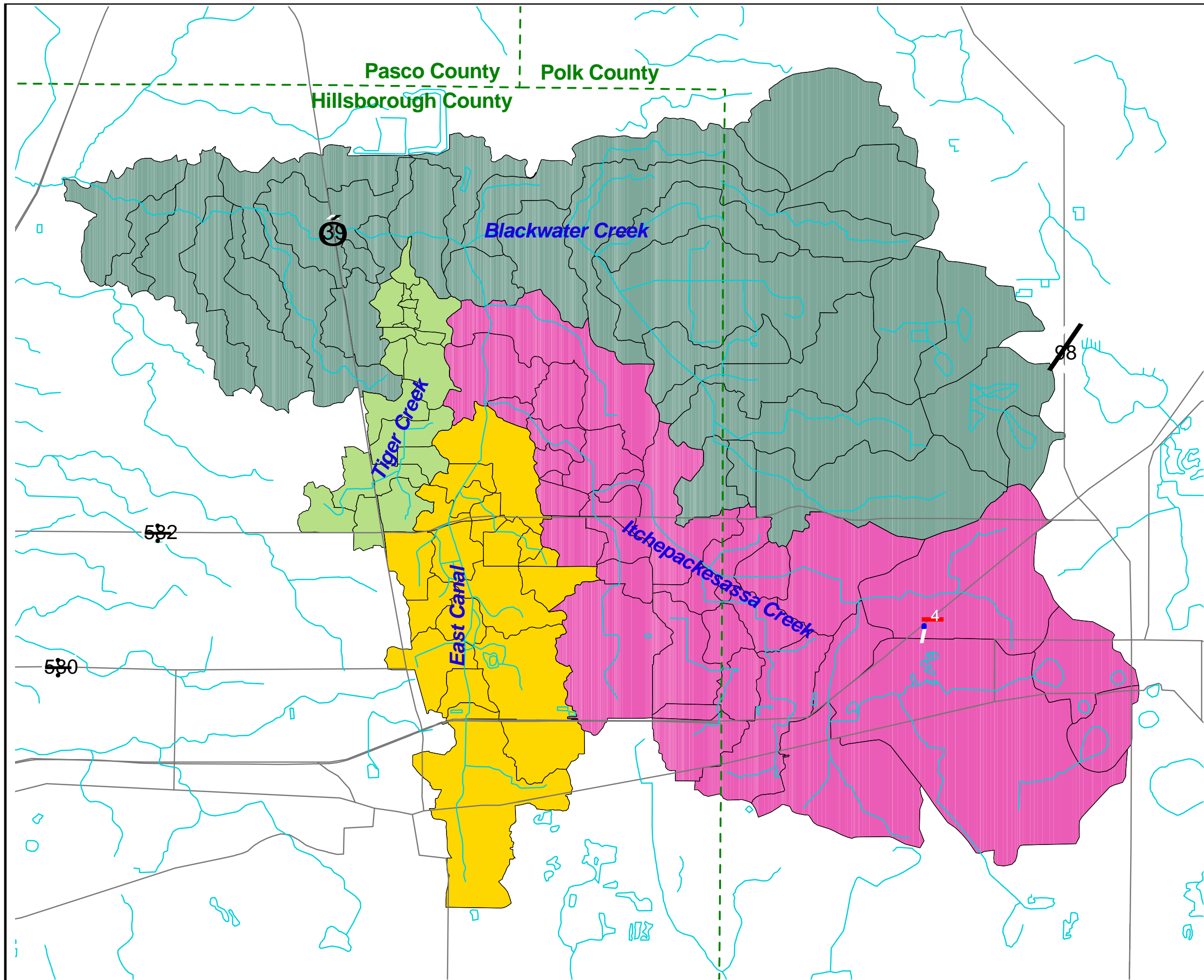
-  Major Streams
-  Major Lakes
-  County Boundaries
-  Major Roads
-  Subbasin Boundaries
-  Clay Gully East
-  Holloman's Branch
-  Two Hole Branch



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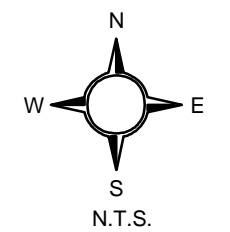
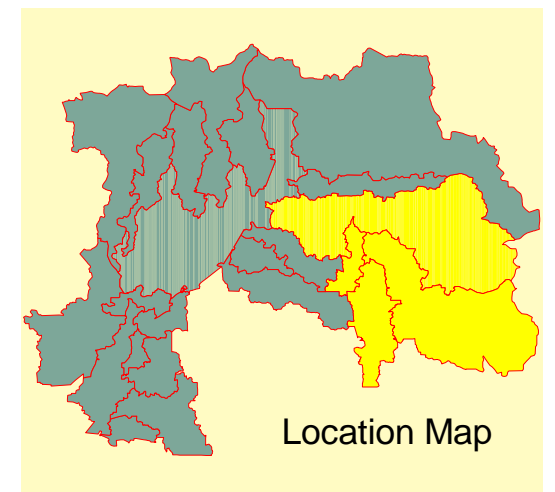
Figure 3



Subbasin Divisions in the Blackwater Creek Region

Legend:

- Major Streams
- Major Lakes
- County Boundaries
- Major Roads
- Subbasin Boundaries
- Blackwater Creek
- East Canal
- Itchepakesassa
- Tiger Creek



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Figure 4

Subbasin Divisions in the Hillsborough River Region

Legend:

- Major Streams
- Major Lakes
- County Boundaries
- Major Roads
- Subbasin Boundaries
- Hillsborough River above S-155
- Hillsborough River below S-155

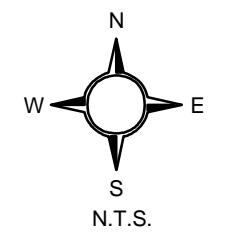
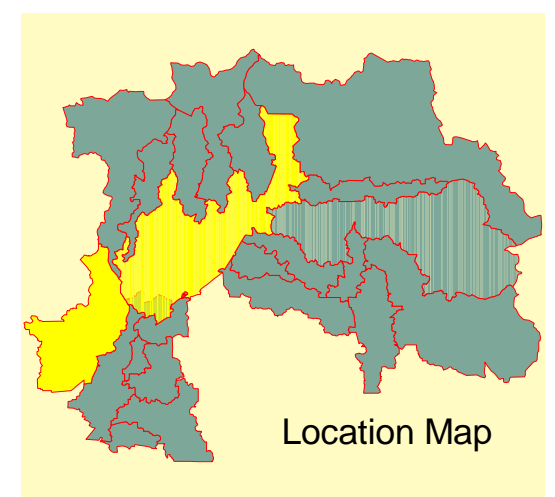
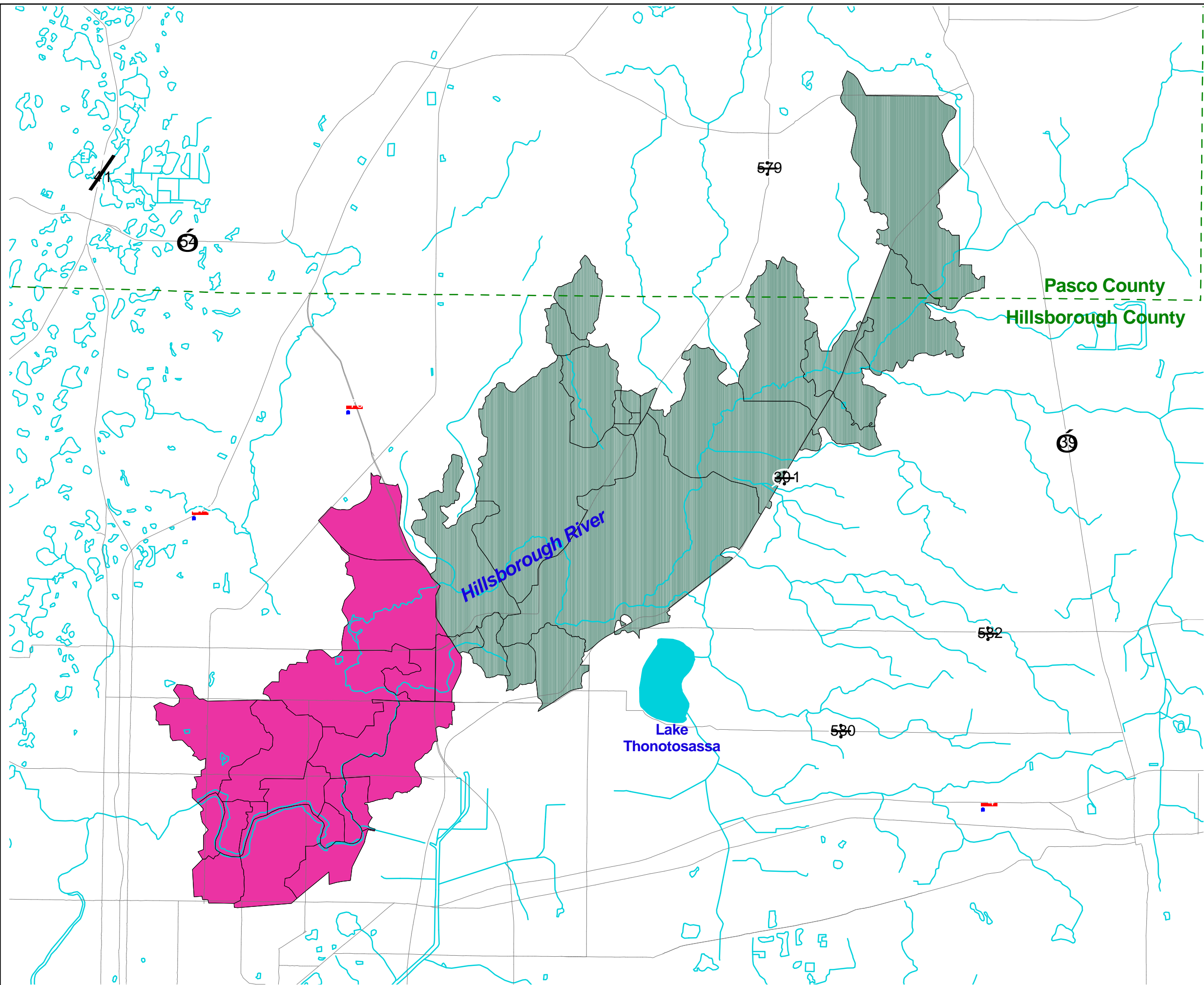


Figure 5

Subbasin Divisions in the Hillsborough River near Crystal Springs Region

Legend:

-  Major Streams
-  Major Lakes
-  County Boundaries
-  Major Roads
-  Subbasin Boundaries
-  Big Ditch
-  Hillsborough River above Crystal Springs
-  Indian Creek

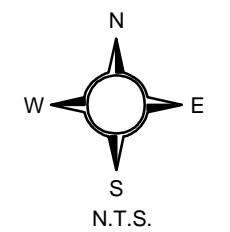
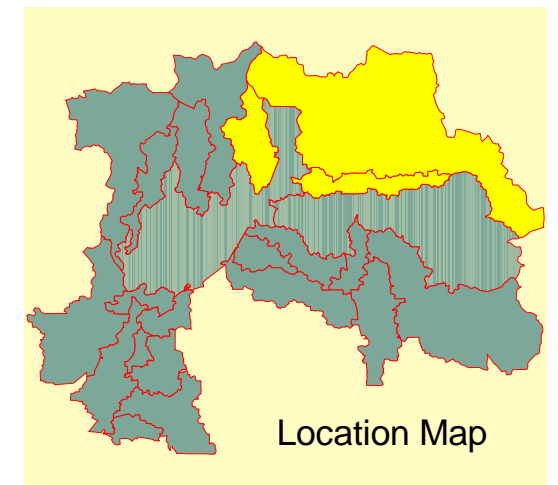
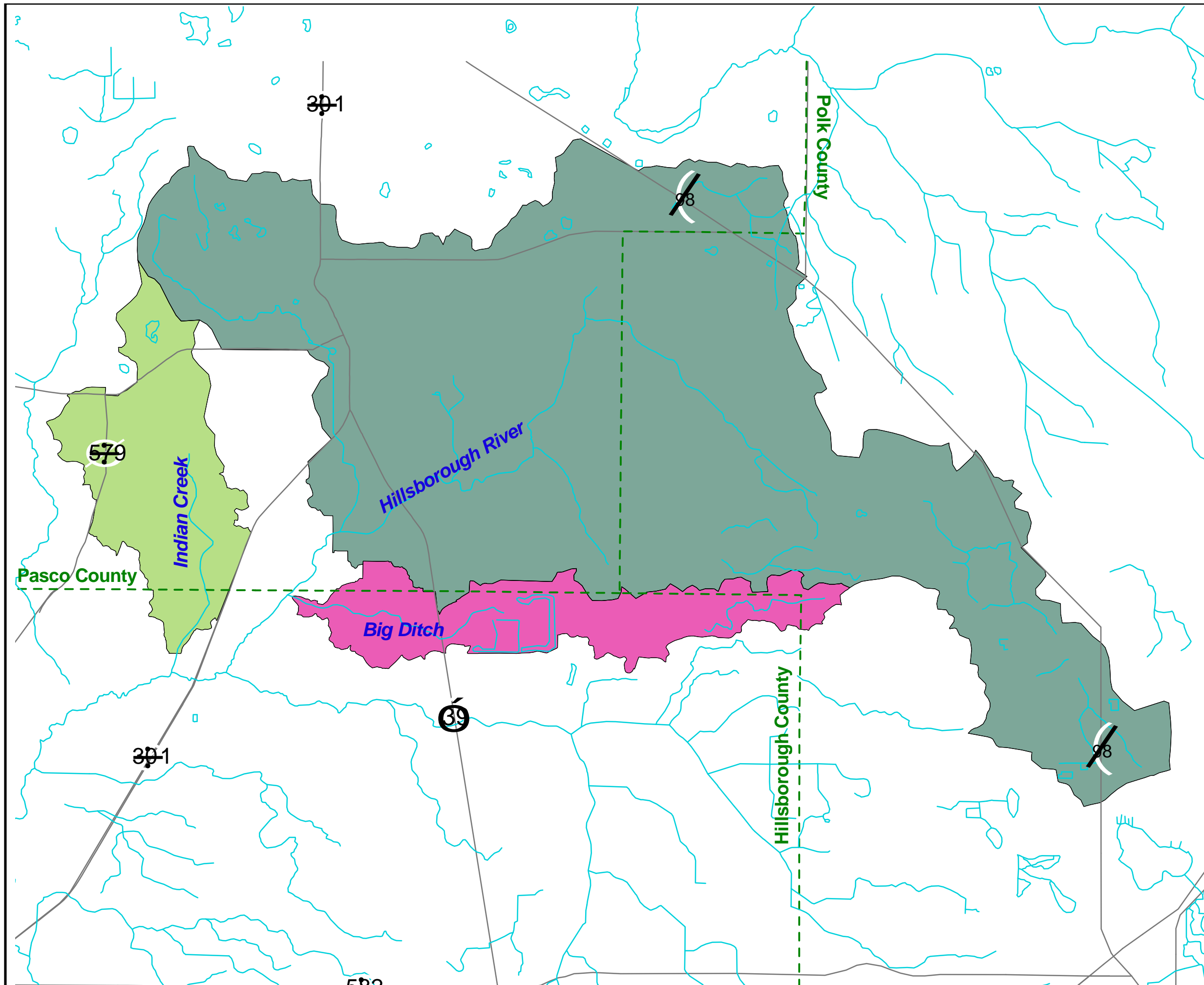


Figure 6



Subbasin Divisions in the Northwest Tributaries Region

Legend:

- Major Streams
- Major Lakes
- County Boundaries
- Major Roads
- Subbasin Boundaries
- Basset Branch
- Clay Gully West
- New River
- Trout Creek

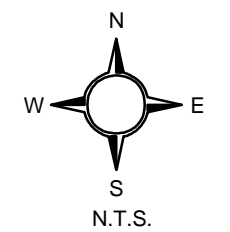
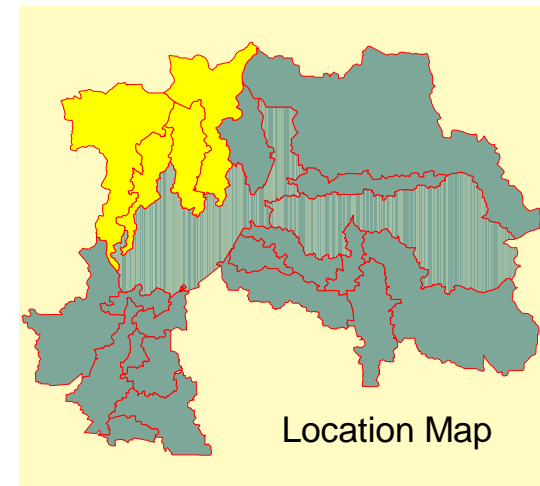
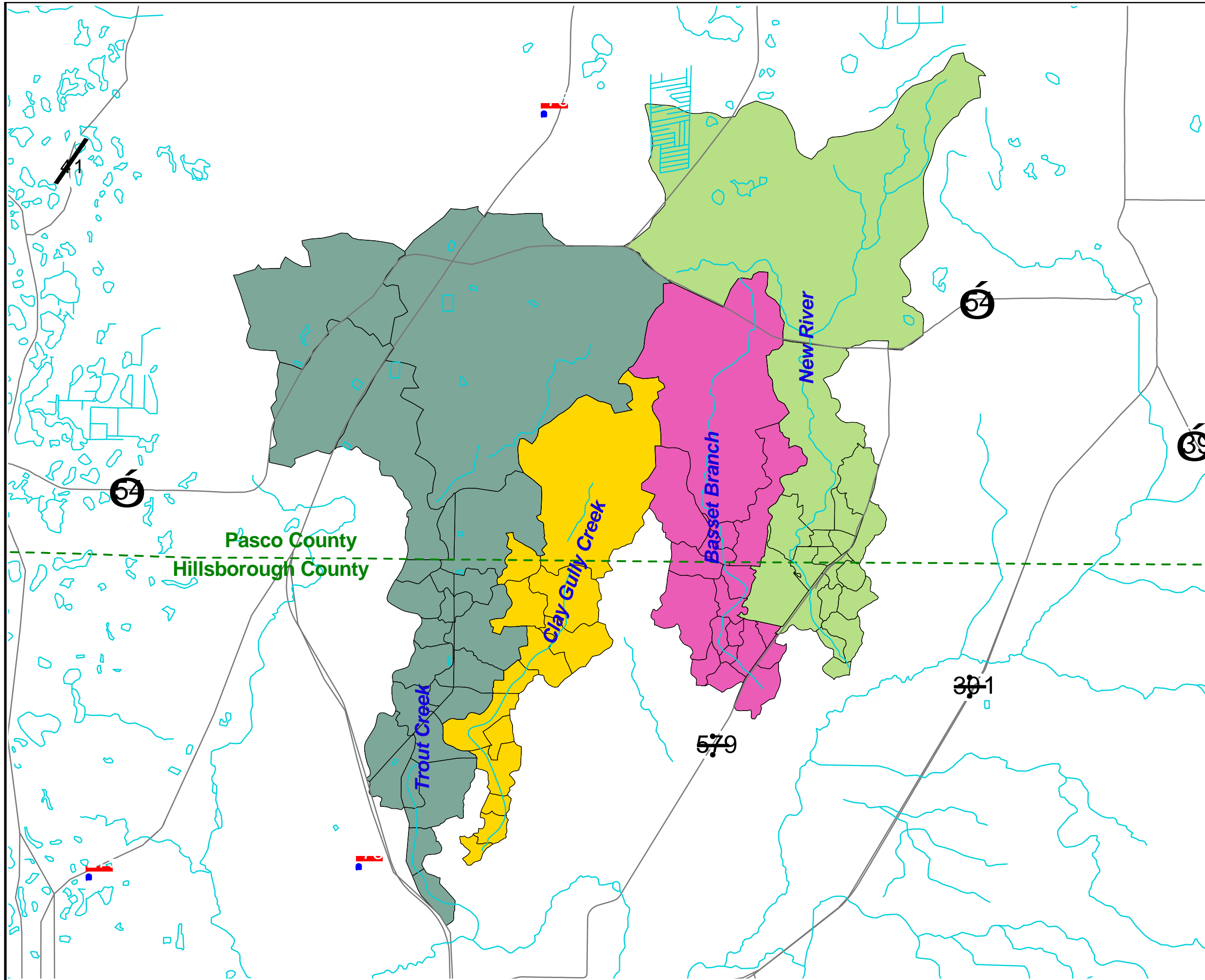













Figure 7

Subbasin Divisions in the Tampa Bypass Canal and Tributaries Region

Legend:

-  Major Streams
-  Major Lakes
-  County Boundaries
-  Major Roads
-  Subbasin Boundaries
-  Depressions
-  Falkenburg
-  Mango
-  Tampa Bypass Canal
-  Vandenburg
-  Williams

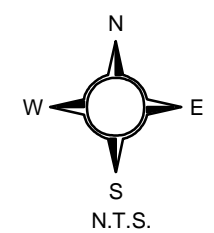
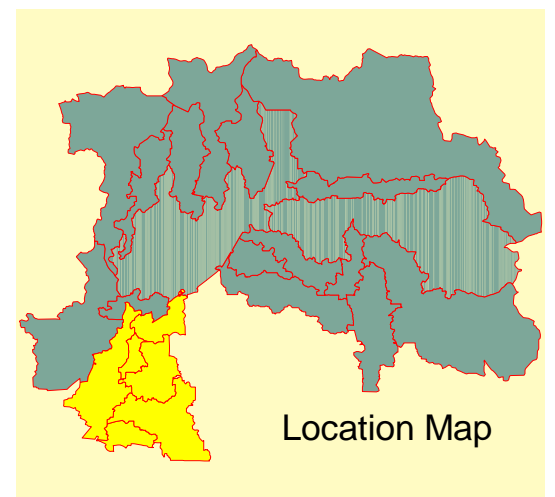
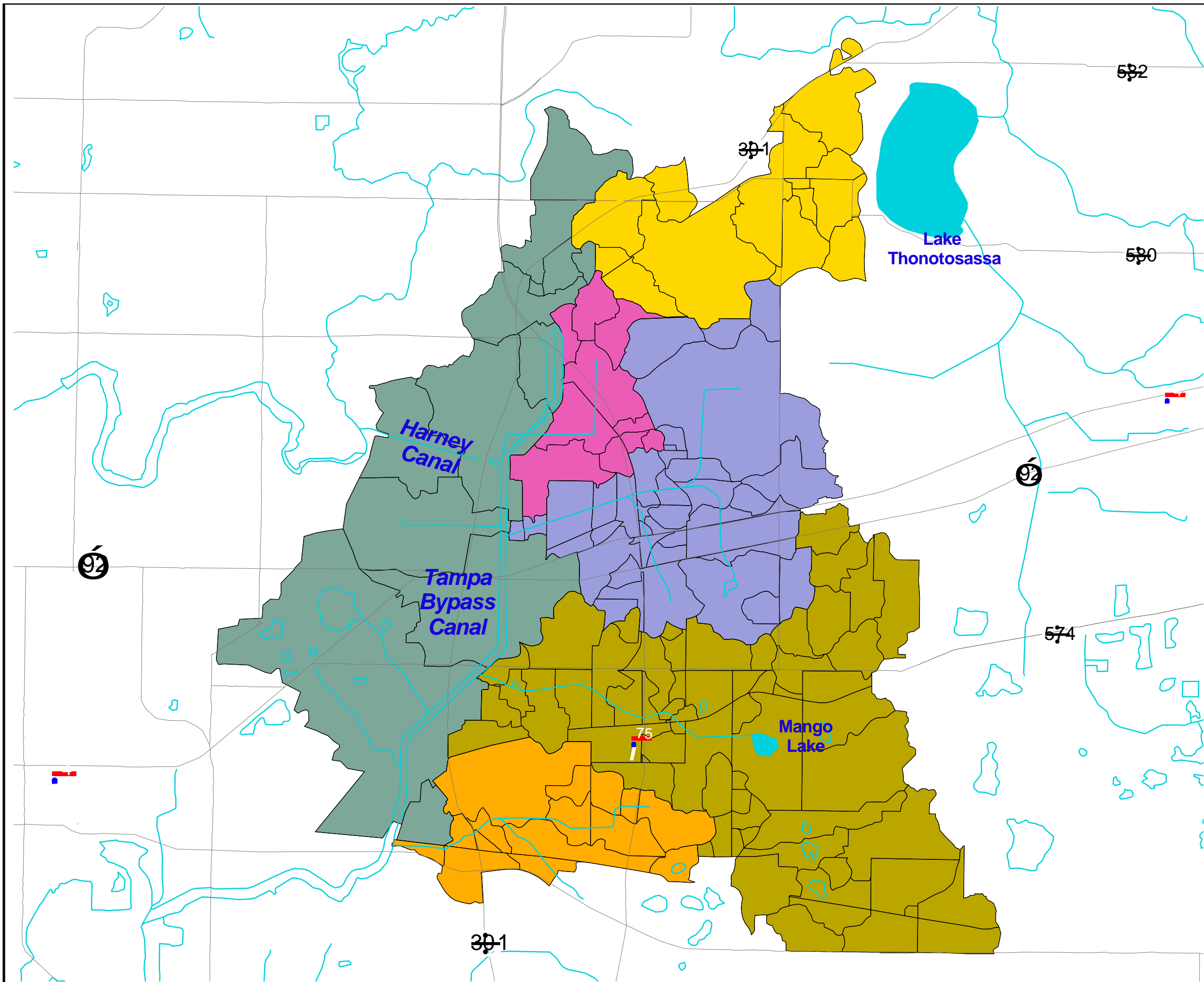















































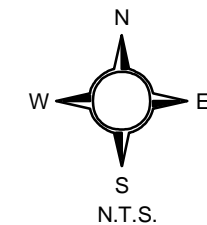
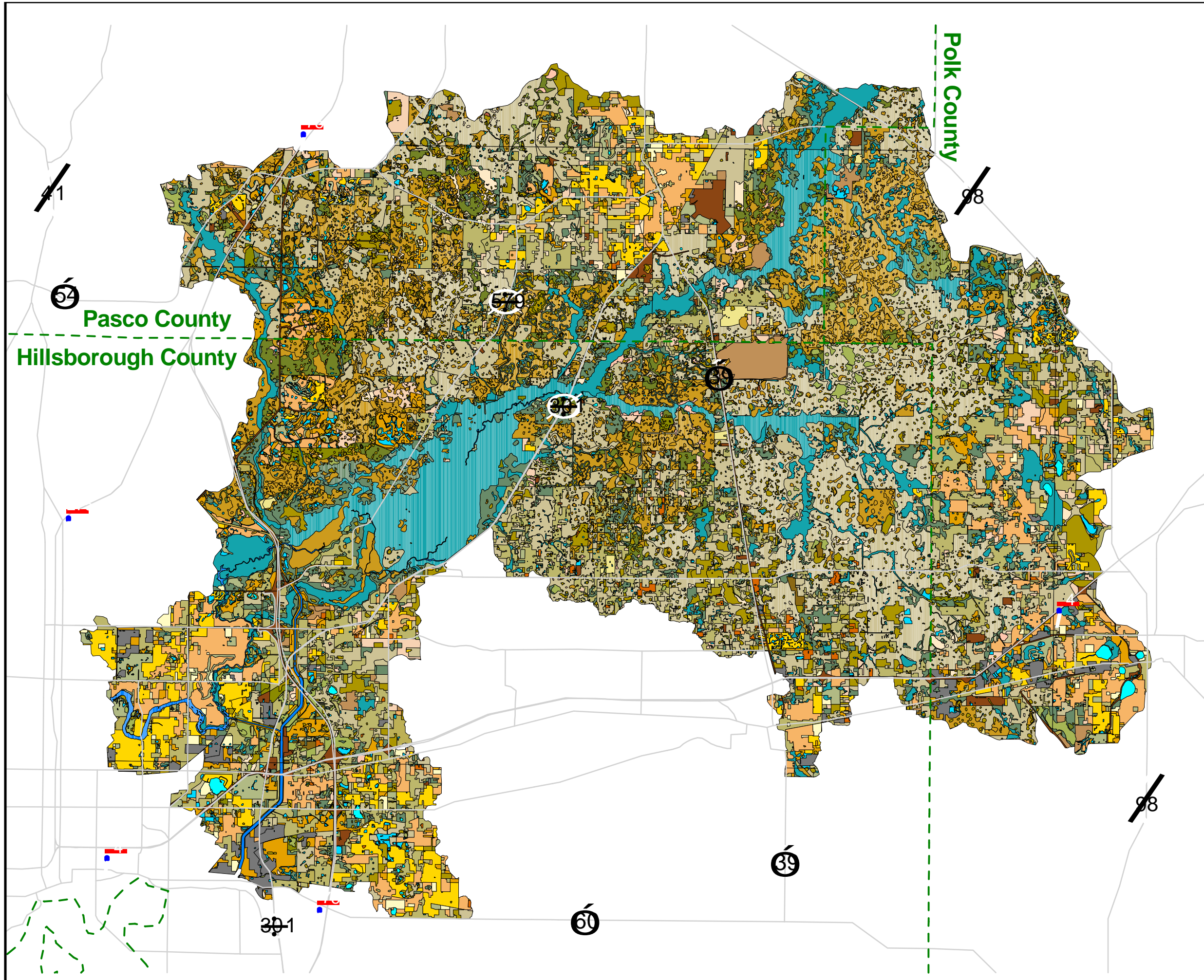


Figure 8

Detailed Land Use Classifications in the Hillsborough River Watershed

Legend:

-  County Boundaries
 -  Major Roads
- Detailed Land Use Classifications:
-  Bay Swamps
 -  Bays and Estuaries
 -  Commercial and Services
 -  Communication
 -  Cropland and Pastureland
 -  Cypress
 -  Disturbed Land
 -  Emergent Aquatic Vegetation
 -  Extractive
 -  Feeding Operations
 -  Freshwater Marshes
 -  Hardwood Conifer Mixed
 -  Herbaceous
 -  Industrial
 -  Intermittent Ponds
 -  Lakes
 -  Longleaf Pine - Xeric Oak
 -  Mangrove Swamps
 -  Mixed Rangeland
 -  Nurseries and Vineyards
 -  Open Land
 -  Other Open Lands (Rural)
 -  Pine Flatwoods
 -  Recreational
 -  Reservoirs
 -  Residential High Density
 -  Residential LOW Density <2 DUA
 -  Residential MED Density 2->5 D
 -  Row Crops
 -  Shrub and Brushland
 -  Specialty Farms
 -  Stream and Lake Swamps (Bottom)
 -  Streams and Waterways
 -  Transportation
 -  Tree Crops
 -  Tree Plantations
 -  Tropical Fish Farms
 -  Upland Coniferous Forest
 -  Upland Hardwood Forests - Part
 -  Utilities
 -  Vegetated non-Forested Wetland
 -  Wet Praries
 -  Wetland Coniferous Forests
 -  Wetland Forests Mixed
 -  Wetland Hardwood Forests

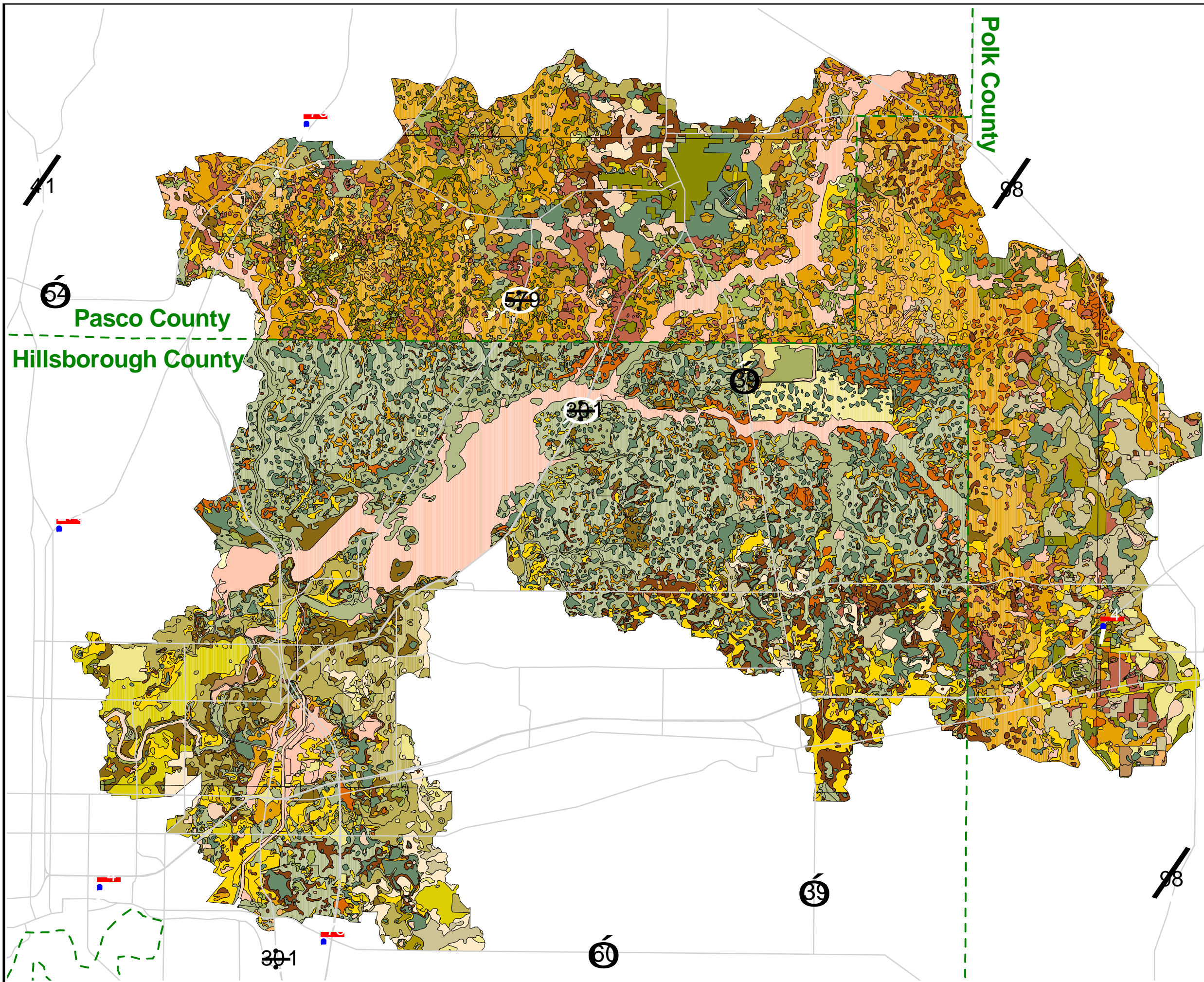


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Figure 9

Soil Classifications in the Hillsborough River Watershed



Legend:

- County Boundaries
- Major Roads

Soil Types:

Adamsville	Myakka-Urban land
Adamsville-Urban land	Narcoossee
Anclote	Neihurst
Anclote-Tavares-Pomello	Neihurst-Urban land
Apopka	Newnan
Archbold	Nobleton
Arents	Okeelanta-Terra Ceia
Arents-Urban land	Oldsmar
Arents-Water	Ona
Arredondo	Orlando
Astatula	Orsino
Basinger	Paisley
Blichton	Palmetto-Zephyr-Sellers
Bradenton	Pineda
Broward-Urban land	Pinellas
Candler	Pits
Candler-Urban land	Pits, dumps
Cassia	Placid-Myakka
Chobee	Pomello
Delray	Pomello-Urban land
Eaton	Pomona
EauGallie	Pomona-Urban land
EauGallie-Urban land	Pompano
EayGallie	Quartzipsamments
Electra	Samsula
Electra variant	Seffner
Felda	Sellers
Flemington Variant	Smyrna
Floridana	Smyrna-Myakka
Fort Meade	Sparr
Fort Meade-Urban land	Sparr-Urban land
Gainesville	St. Augustine
Gypsum land	St. Augustine-Urban land
Haplaquents	St. Johns
Holopaw	St. Lucie
Hontoon	Tavares
Hydraquents	Tavares-Millhopper
Immokalee	Tavares-Urban land
Kaliga	Tomoka
Kanapaha	Udorthents
Kendrick	Urban Land
Kesson	Urban land
Lake	Valkaria
Lochloosa	Vero
Lochloosa-Micanopy	Wabasso
Lynne	Wabasso-Urban land
Malabar	Water
Millhopper	Wauchula
Millhopper-Urban land	Winder
Myakka	Zephyr
Myakka-Immokalee-Urban land	Zolfo

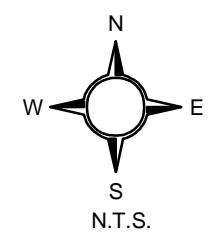


Figure 10

Detailed Land Use Classifications	Acres	Percentage of the Watershed
Bay Swamps	13	0.005
Bays and Estuaries	0.2	0.000
Commercial and Services	6,419	2.442
Communication	43	0.016
Cropland and Pastureland	65,087	24.764
Cypress	11,228	4.272
Disturbed Land	187	0.071
Emergent Aquatic Vegetation	535	0.204
Extractive	2,463	0.937
Feeding Operations	1,120	0.426
Freshwater Marshes	9,235	3.514
Hardwood Conifer Mixed	15,783	6.005
Herbaceous	7	0.003
Industrial	3,339	1.270
Institutional	1,537	0.585
Intermittent Ponds	67	0.025
Lakes	688	0.262
Longleaf Pine - Xeric Oak	579	0.220
Mangrove Swamps	29	0.011
Mixed Rangeland	155	0.059
Nurseries and Vineyards	643	0.245
Open Land	7,302	2.778
Other Open Lands (Rural)	3,524	1.341

Pine Flatwoods	6,869	2.614
Recreational	3,853	1.466
Reservoirs	2,599	0.989
Residential High Density	10,175	3.871
Residential LOW Density <2 DUA	18,787	7.148
Residential MED Density 2->5 D	14,964	5.694
Row Crops	1,878	0.715
Shrub and Brushland	22,831	8.687
Specialty Farms	489	0.186
Stream and Lake Swamps (Bottom)	28,578	10.873
Streams and Waterways	1,166	0.443
Transportation	3,597	1.369
Tree Crops	5,667	2.156
Tree Plantations	2,296	0.874
Tropical Fish Farms	432	0.164
Upland Coniferous Forest	1,039	0.395
Upland Hardwood Forests - Part	17	0.007
Utilities	792	0.301
Vegetated non-Forested Wetland	1	0.001
Wet Praries	2,457	0.935
Wetland Coniferous Forests	532	0.202
Wetland Forests Mixed	3,824	1.455
Wetland Hardwood Forests	3	0.001
Grand Total	262,829	100

Table 1 *Percentage of the Detailed Land Use Classifications in the Hillsborough River Watershed.*



Soils Types	Acres	Percentage of the Watershed
Adamsville	1,425	0.542
Adamsville-Urban land	53	0.020
Anclote	46	0.018
Anclote-Tavares-Pomello	54	0.021
Apopka	1,363	0.519
	67	0.025
Arents	3,646	1.387
Arents-Urban land	496	0.189
Arents-Water	127	0.049
Arredondo	1,665	0.634
Astatula	211	0.080
Basinger	17,962	6.834
Blichton	164	0.062
Bradenton	256	0.097
Broward-Urban land	50	0.019
Candler	10,582	4.026
Candler-Urban land	3,833	1.458
Cassia	221	0.084
Chobee	20,546	7.817
Delray	643	0.245
Eaton	2,448	0.932
EauGallie	6,450	2.454
EauGallie-Urban land	69	0.026
EayGallie	96	0.036
Electra	9	0.003
Electra variant	1,852	0.704
Felda	5,218	1.985
Flemington Variant	43	0.016
Zephyr	3,081	1.172
Floridana	1,826	0.695
Fort Meade	2,838	1.080
Fort Meade-Urban land	6	0.002
Gainesville	608	0.231
Gypsum land	616	0.235

Soils Types	Acres	Percentage of the Watershed
Haplaquents	293	0.111
Holopaw	1,222	0.465
Hontoon	1,245	0.474
Hydraquents	67	0.025
Immokalee	2,050	0.780
Kaliga	846	0.322
Kanapaha	69	0.026
Kendrick	1,850	0.704
Kesson	20	0.008
Lake	3,705	1.410
Lochloosa	768	0.292
Lochloosa-Micanopy	311	0.118
Lynne	252	0.096
Malabar	5,443	2.071
Millhopper	1,627	0.619
Millhopper-Urban land	23	0.009
Myakka	37,481	14.261
Myakka-Immokalee-Urban	659	0.251
Myakka-Urban land	1,306	0.497
Narcoossee	652	0.248
Neilhurst	79	0.030
Neilhurst-Urban land	58	0.022
Newnan	1,825	0.694
Nobleton	411	0.157
Okeelanta-Terra Ceia	57	0.022
Oldsmar	75	0.029
Ona	2,622	0.998
Orlando	460	0.175
Orsino	15	0.006
Paisley	1,378	0.524
Palmetto-Zephyr-Sellers	4,790	1.823
Pineda	131	0.050
Pinellas	0.02	0.000
Pits	119	0.045

Soils Types	Acres	Percentage of the Watershed
Pits, dumps	8	0.003
Placid-Myakka	865	0.329
Pomello	694	0.264
Pomello-Urban land	170	0.065
Pomona	34,348	13.069
Pomona-Urban land	225	0.085
Pompano	235	0.089
Quartzipsamments	421	0.160
Samsula	1,324	0.504
Seffner	3,058	1.164
Sellers	2,231	0.849
Smyrna	1,096	0.417
Smyrna-Myakka	4,819	1.834
Sparr	6,091	2.317
Sparr-Urban land	947	0.360
St. Augustine	50	0.019
St. Augustine-Urban land	146	0.056
St. Johns	4,033	1.535
St. Lucie	67	0.025
Tavares	6,271	2.386
Tavares-Millhopper	4,065	1.547
Tavares-Urban land	2,713	1.032
Tomoka	98	0.037
Udorthents	99	0.037
Urban land	1,258	0.479
Valkaria	22	0.008
Vero	2,917	1.110
Wabasso	3,602	1.371
Wabasso-Urban land	3	0.001
Water	2,706	1.030
Wauchula	1,974	0.751
Winder	10,572	4.022
Zolfo	5,217	1.985










	Acres	Percentage of the Watershed
Total	262,830	100

Table 2 *Percentage of Soil Types in the Hillsborough River Watershed.*



Future Land Use Classifications
in the Hillsborough River
Watershed (2010)

Legend:

-  County Boundary
- Future Land Use Classifications:**
-  PR-Preserve
-  AG-Agriculture (<=1 unit/5 acres)
-  CM-Commercial/Office
-  ES-Estate (1-4 units/5 acres)
-  IN-Industrial
-  MF-Multi Family (>=6 units/acre)
-  SF-Single Family (1-6 units/acre)
-  WT-Water

Data source:
Southwest Florida Regional
Planning Council

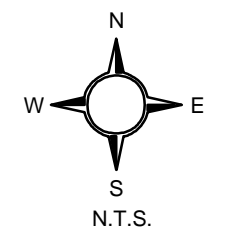
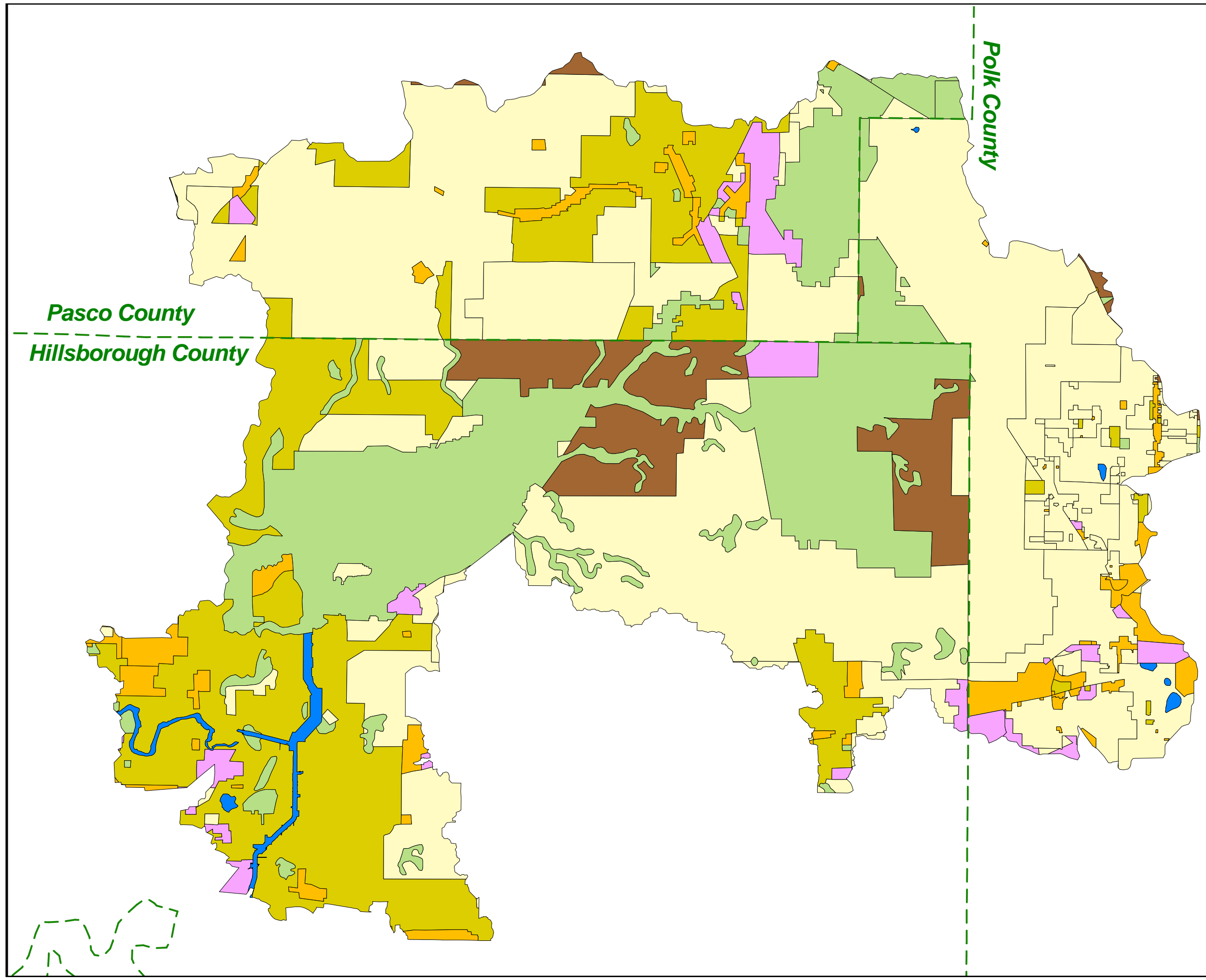


Figure 11



Legend:

Hillsborough County Future Land Use Classifications:

- A (Agricultural)
- A/M (Agricultural/Mining)
- LMD (Old Agricultural/Mining)
- A/R (Agricultural/Rural)
- AE (Agricultural Estate)
- C (Commercial)
- HC-24 (Heavy Commercial, 24 DU/ACRE)
- OC (Office/Commercial)
- OI (Office/Institutional)
- RCP (Research/Corporate Park)
- DC (Downtown Core)
- CMU-12 (Community Mixed Use, 12 DU/ACRE)
- CMU-35 (Community Mixed Use, 35 DU/ACRE)
- ESA (Environmentally Sensitive Areas)
- N (Natural Preservation)
- I (Industrial)
- LI (Light Industrial)
- LI-P (Light Industrial Planned)
- HI (Heavy Industrial)
- P (Public/Semi-Public)
- P/QP (Public/Quasi-Public)
- R-1 (Residential, 1 DU/ACRE)
- R-2 (Residential, 2 DU/ACRE)
- R-3 (Residential, 3 DU/ACRE)
- SDR (Residential, 4 DU/ACRE)
- R-4 (Residential, 4 DU/ACRE)
- R-6 (Residential, 6 DU/ACRE)
- LDR (Residential, 6 DU/ACRE)
- R-9 (Residential, 9 DU/ACRE)
- R-10 (Residential, 10 DU/ACRE)
- R-12 (Residential, 12 DU/ACRE)
- MDR (Residential, 12 DU/ACRE)
- R-18 (Residential, 18 DU/ACRE)
- R-20 (Residential, 20 DU/ACRE)
- HDR (Residential, 20 DU/ACRE)
- R-35 (Residential, 35 DU/ACRE)
- R-50 (Residential, 50 DU/ACRE)
- R (Park/Recreation Open Space)
- R/OS (Major Recreational/Open Space)
- RO (Major Recreation and Open Space)
- R/W (Major Recreational/Water)
- RMU-100 (Regional Mixed Use, 100 DU/ACRE)
- NMU-4 (Neighborhood Mixed Use, 4 DU/ACRE)
- ROW (Right of Way)
- SMU-3 (Suburban Mixed Use, 3 DU/ACRE)
- SMU-6 (Suburban Mixed Use, 6 DU/ACRE)
- TU-24 (Transitional Use, 24 DU/ACRE)
- UMU-20 (Urban Mixed Use, 20 DU/ACRE)
- UMU-60 (Urban Mixed Use, 60 DU/ACRE)
- WATER (Water)

Future Land Use Categories for the Hillsborough River Watershed

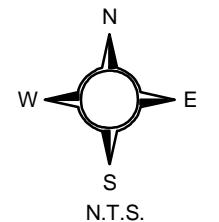
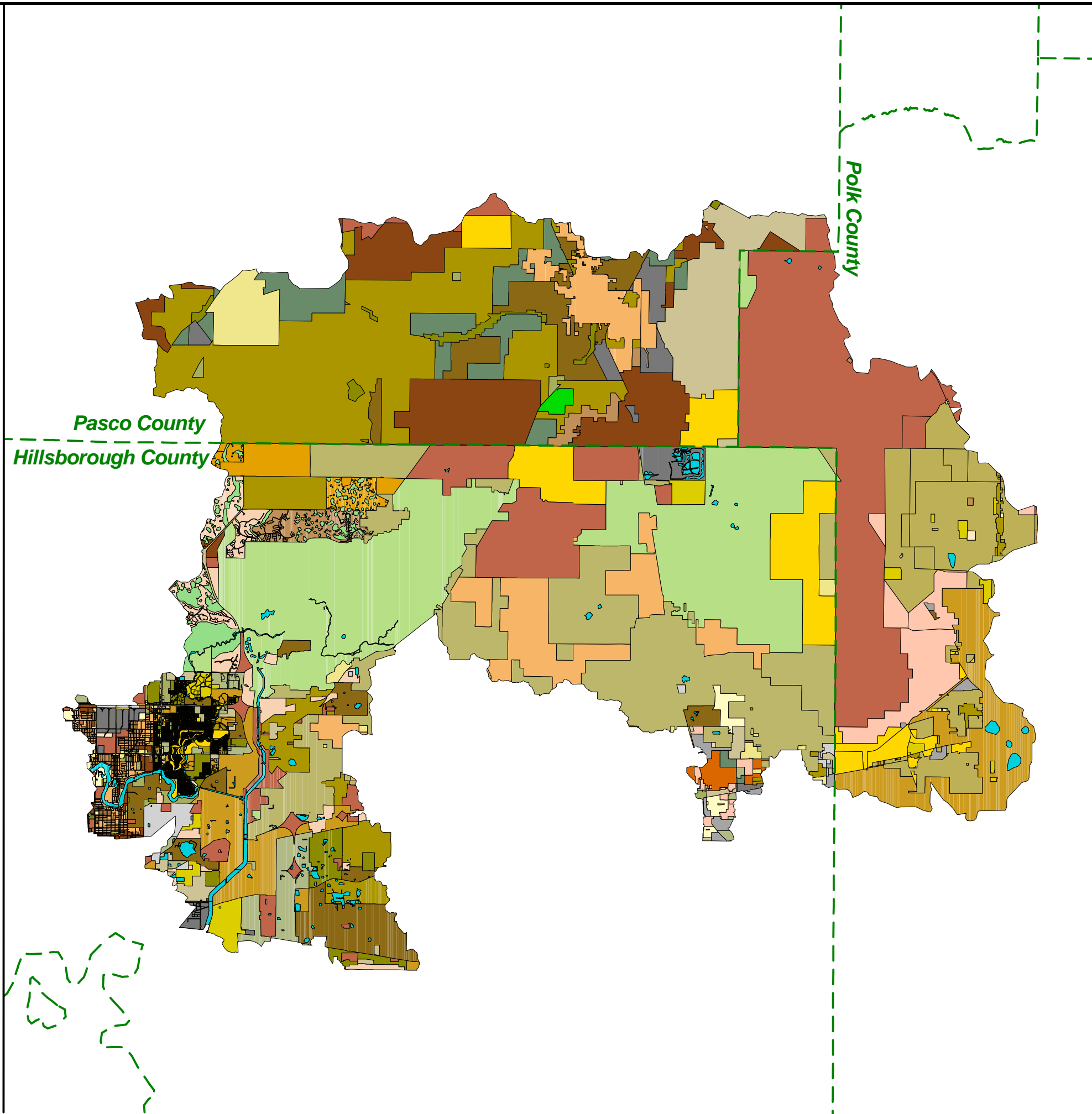
County Boundary

Pasco County Future Land Use Classifications:

- AG (Agricultural)
- AG/R (Agricultural/Rural)
- AT (?)
- CITY (Cities)
- CON (Conservation)
- IL (?)
- MU (Mixed Use)
- P/SP (Public/Semi-Public)
- R/OS (Recreation/Open Space)
- RES-1 (Residential, 1 DU/ACRE)
- RES-3 (Residential, 3 DU/ACRE)
- RES-6 (Residential, 6 DU/ACRE)
- RES-9 (Residential, 9 DU/ACRE)
- ROR (Residential/Office/Retail)

Polk County Future Land Use Classifications:

- A/RR (Agricultural/Residential-Rural)
- BPC (Business Park Center)
- CAC (Community Activity Center)
- CC (Convenience Center)
- CE (Commercial Enclave)
- CITY (Cities)
- HIC (High Impact Commercial Center)
- IND (Industrial)
- INST (Institutional)
- LAKES (Lakes)
- LCC (Liner Commercial Corridor)
- LR (Leisure / Recreation)
- NAC (Neighborhood Activity Center)
- PRESV (Preservation)
- RH (Residential High)
- RL (Residential Low)
- RM (Residential Medium)
- ROS (Recreation / Open Space)
- RS (Residential Suburban)

























Data Source:

Hillsborough County Planning Commissions (2020)
 Pasco County Board of County Commissioners (2015)
 Polk County Board of County Commissioners (?2010)

Figure 12

Future Land Use Classifications
(as seen by the pollutant loading model)
in the Hillsborough River Watershed (2010)

Legend:

-  County Boundary
- Future Land Use Classifications
-  Agricultural
-  Commercial
-  Low/Med Residential
-  Light Industrial
-  High Density Residential
-  Water
-  Preserve (same as existing land use)
-  Agricultural
-  Commercial
-  Extractive (Mining)/Disturbed
-  High Density Residential
-  Highway/Utility
-  Institutional
-  Light Industrial
-  Low/Medium Density Residential
-  Open Land
-  Recreational
-  Upland Forest
-  Water
-  Wetland Forest
-  Wetland Non-Forested

Data source:
Southwest Florida Regional
Planning Council

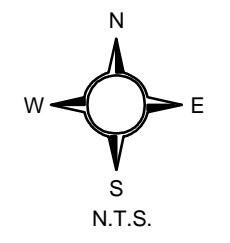
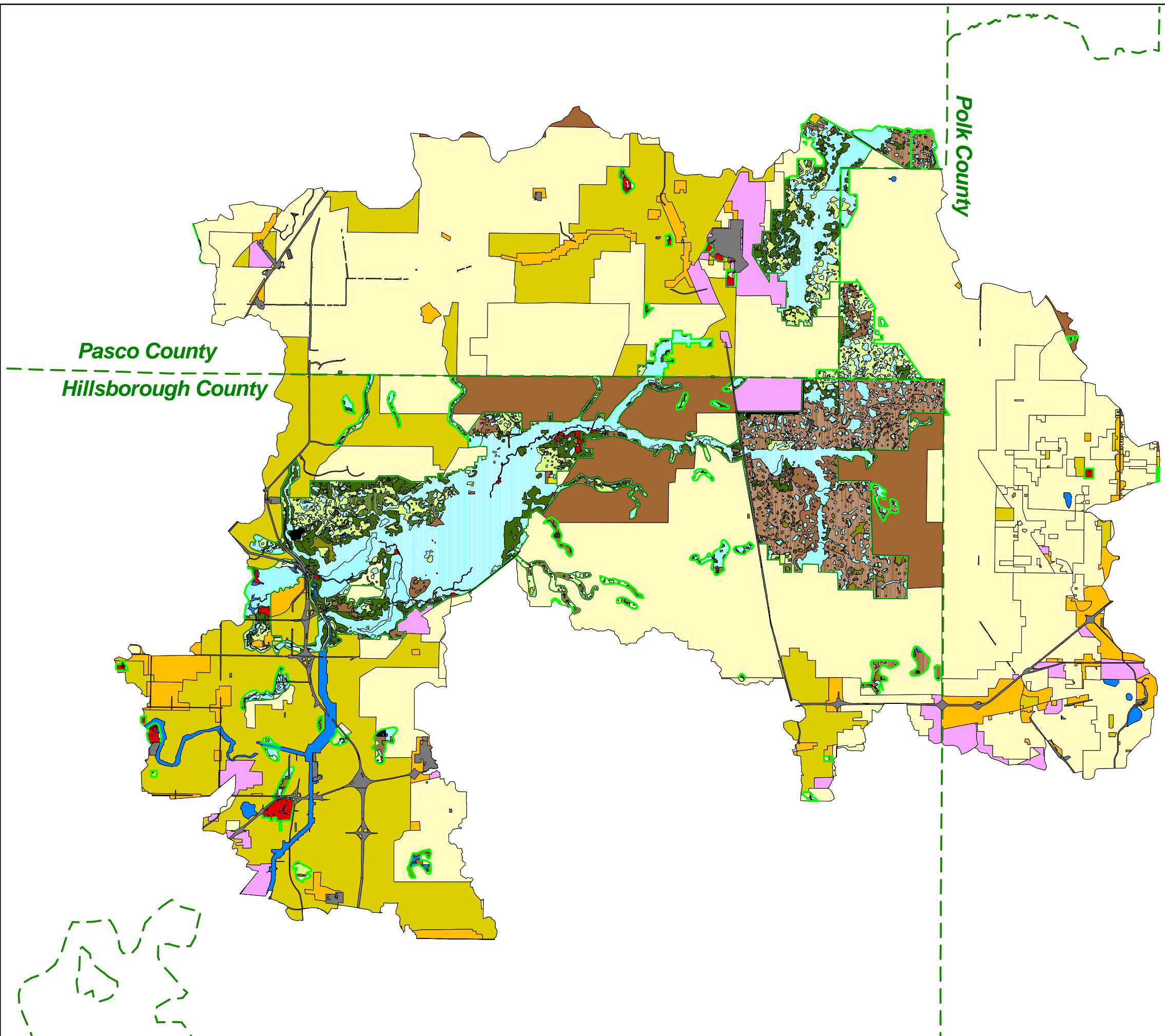




Figure 13

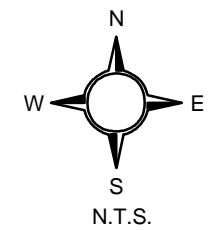


New Developments in the Hillsborough River Watershed (2010)

Legend:

-  No Land Use Change Expected
-  Proposed Land Use Changes

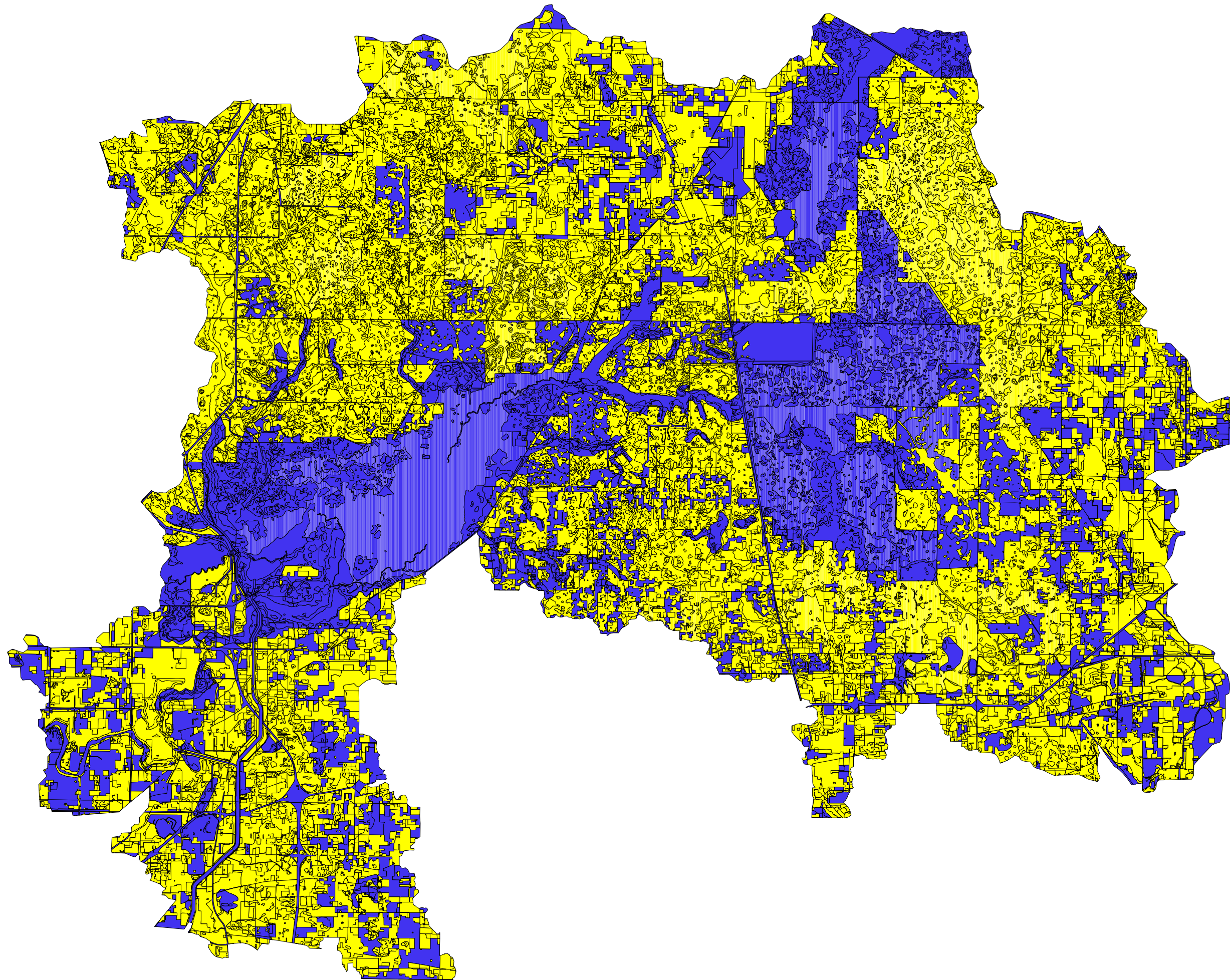
Data source:
Southwest Florida Regional
Planning Council



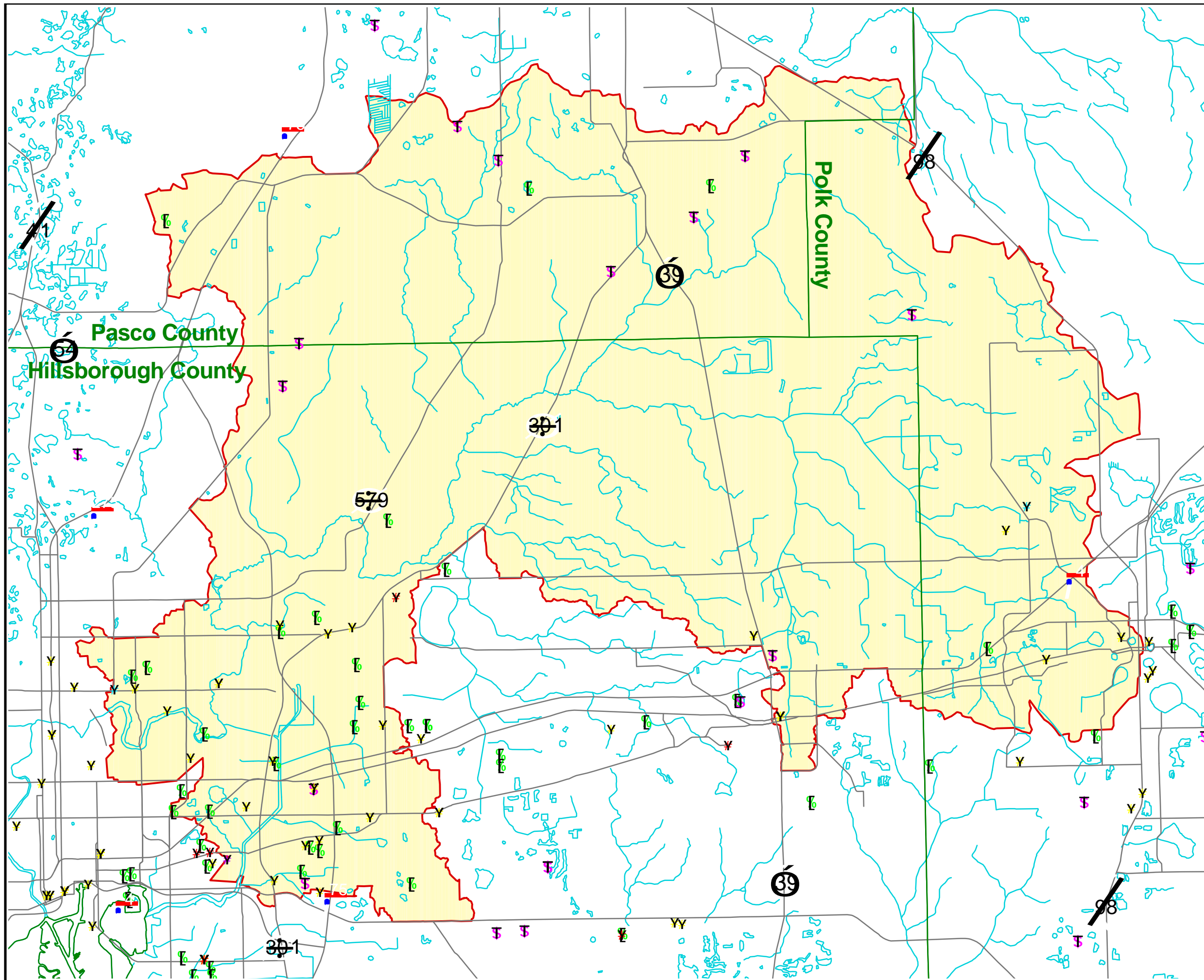
AYRES
ASSOCIATES



Figure 14



Locations of the Superfund Sites, Solid Waste Facilities, and Sewage Treatment Facilities in the Hillsborough River Watershed



- Legend:**
- County Boundaries
 - Major Roads
 - Major Streams
 - Watershed Boundary
 - Sewage Treatment Facilities
 - Solid Waste Facilities
- Superfund Sites by National Priority List Classifications**
- Site is PART of NPL Site
 - Deleted from Final NPL
 - Currently on Final NPL
 - Not on Final NPL
 - Not Valid Site or Incident
 - Proposed for Final NPL
 - Pre-Proposal Site

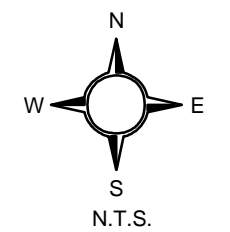
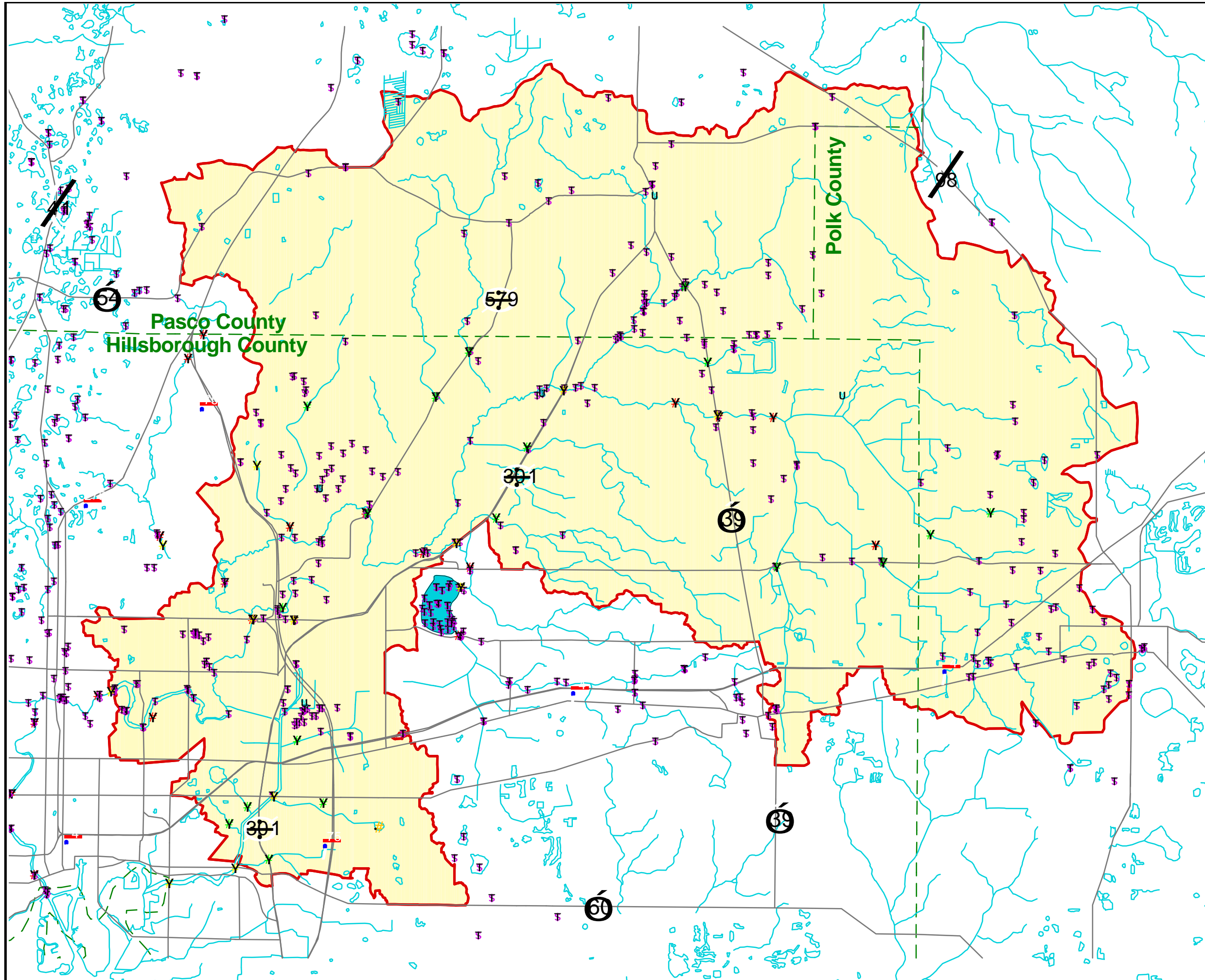


Figure 15



**Hillsborough River Watershed
Water Quality Monitoring
Locations (Ayres, EPC,
SWFWMD, STORET,
and Stream Waterwatch)**

Legend:

- Stream Waterwatch
- Ayres Sampling Locations
- EPC Stations
- Groundwater Stations
- Storet Stations
- Watershed Boundary
- Major Roads
- Major Lakes
- Major Streams
- SWFWMD Sampling Station

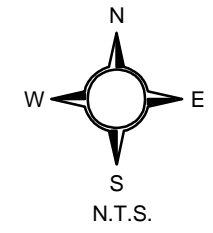
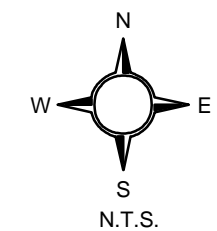
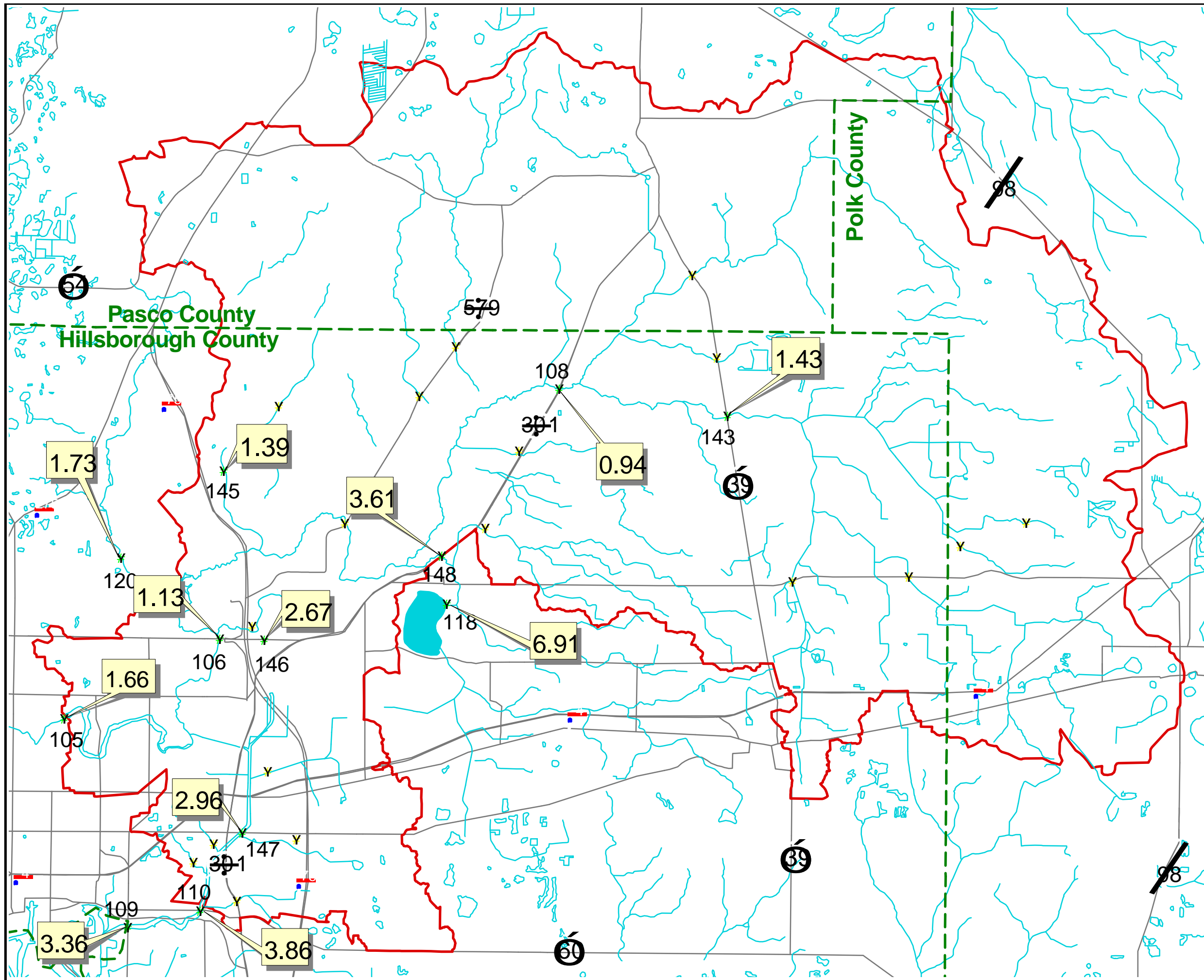


Figure 16

Mean BOD5 Conc.
for 1995-1999 (mg/L)

- Legend:**
- Major Streams
 - Major Lakes
 - County Boundaries
 - Major Roads
 - Watershed Boundary
 - EPC Sampling Locations
 - Data Currently Being Collected by Ayres









AYRES
ASSOCIATES



Figure 17

Mean Dissolved Oxygen Concentrations for Ayres Sampling Locations, Stream Waterwatch Stations, and EPC Sampling Locations: 1999 - 2001 (mg/L)

Legend:

-  Stream Waterwatch (1999-2001)
-  Ayres Sampling Locations (2000)
-  EPC Sampling Stations
-  Watershed Boundary
-  Major Roads
-  Major Streams

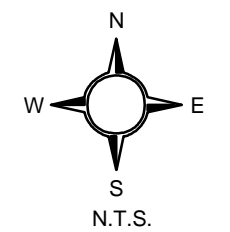
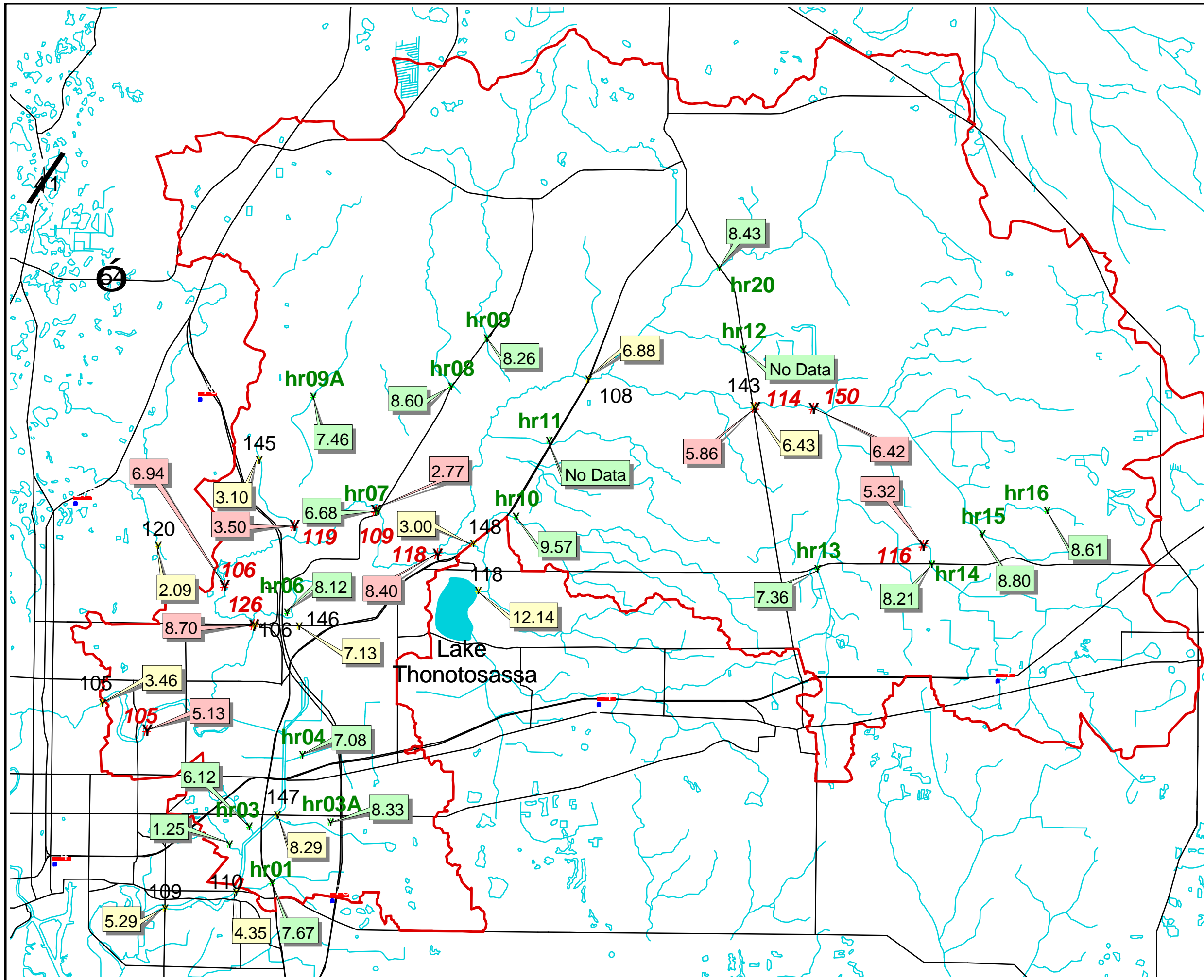









Figure 18

**Mean Nitrate - Nitrite
Conc. for 1995-1999 (mg/L)**

Legend:

-  Major Streams
-  Major Lakes
-  County Boundaries
-  Major Roads
-  Watershed Boundary
-  EPC Sampling Locations
-  Data Currently Being Collected by Ayres

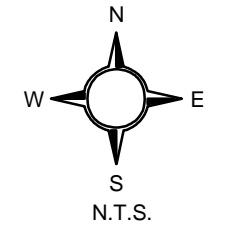
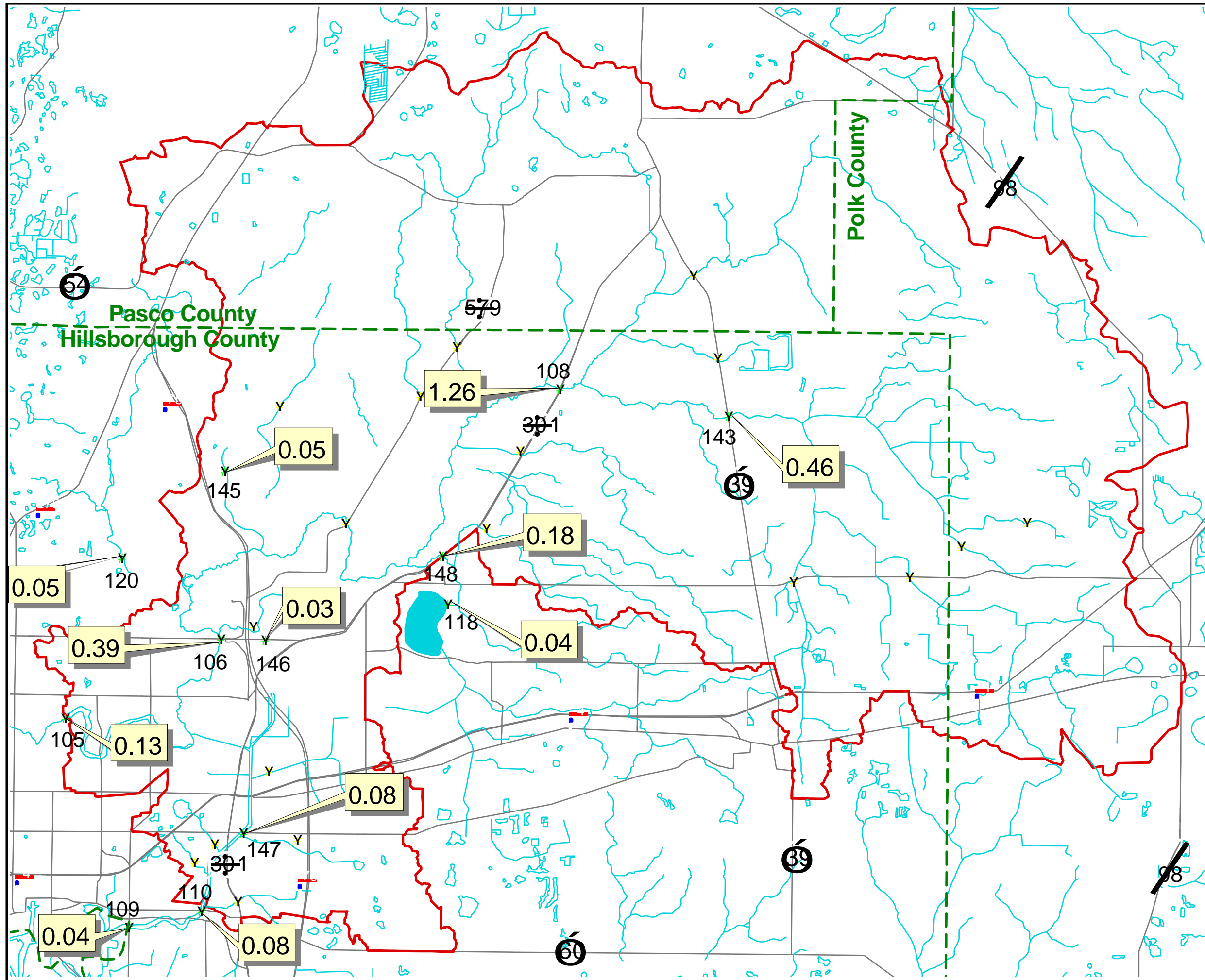


Figure 19

**Mean Organic Nitrogen
Conc. for 1995-1999 (mg/L)**

Legend:

-  Major Streams
-  Major Lakes
-  County Boundaries
-  Major Roads
-  Watershed Boundary
-  EPC Sampling Locations
-  Ayres Sampling Locations

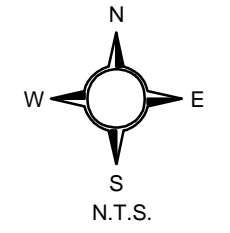
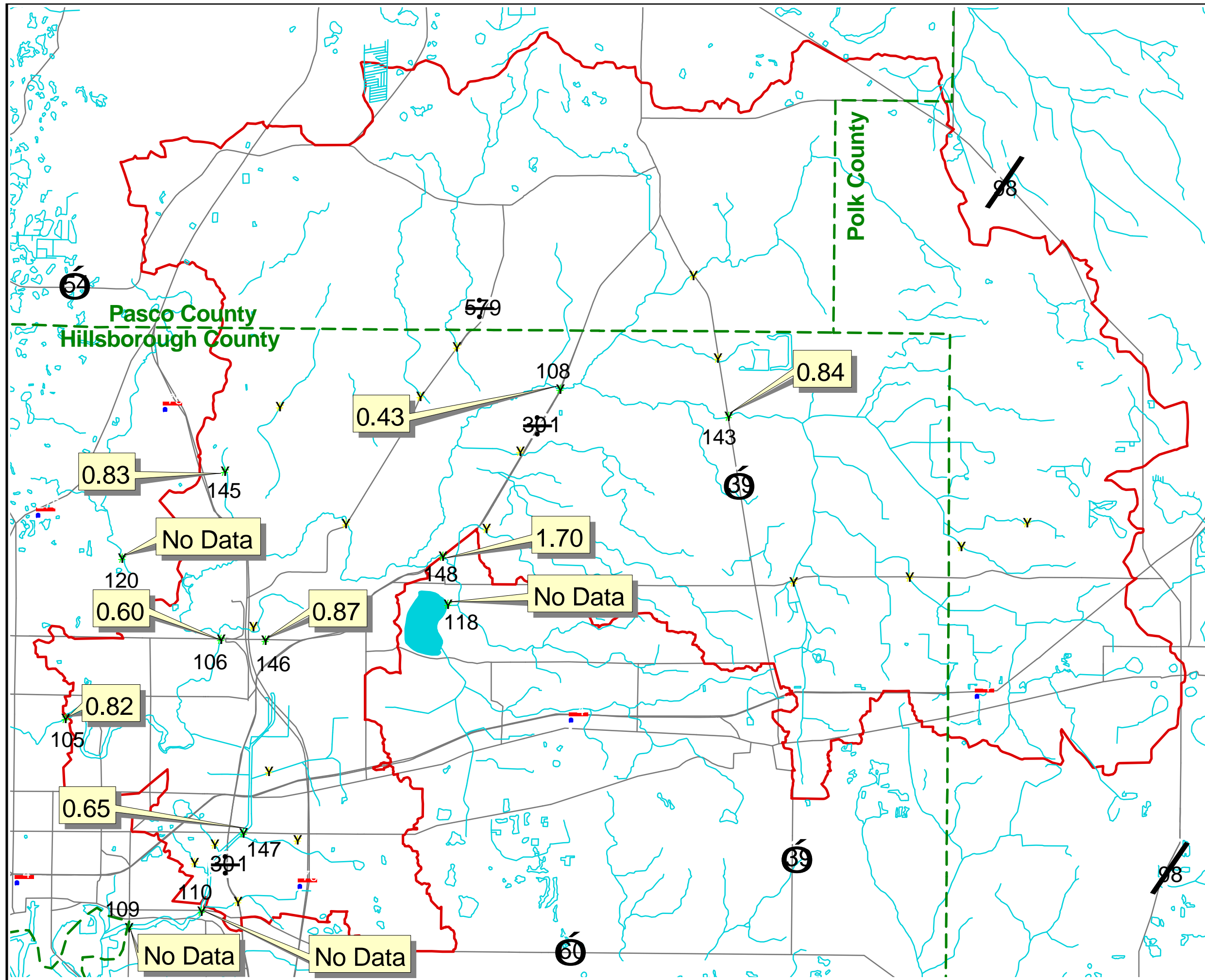








Figure 20

Mean Total Nitrogen Concentrations for Ayres Sampling Locations, Stream Waterwatch Stations, and EPC Sampling Locations: 1999 - 2001 (mg/L)

Legend:

-  Stream Waterwatch (1999-2001)
-  Ayres Sampling Locations (2000)
-  EPC Sampling Stations
-  Watershed Boundary
-  Major Roads
-  Major Streams

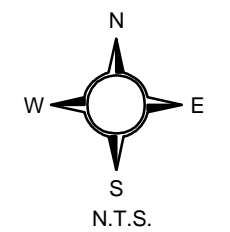
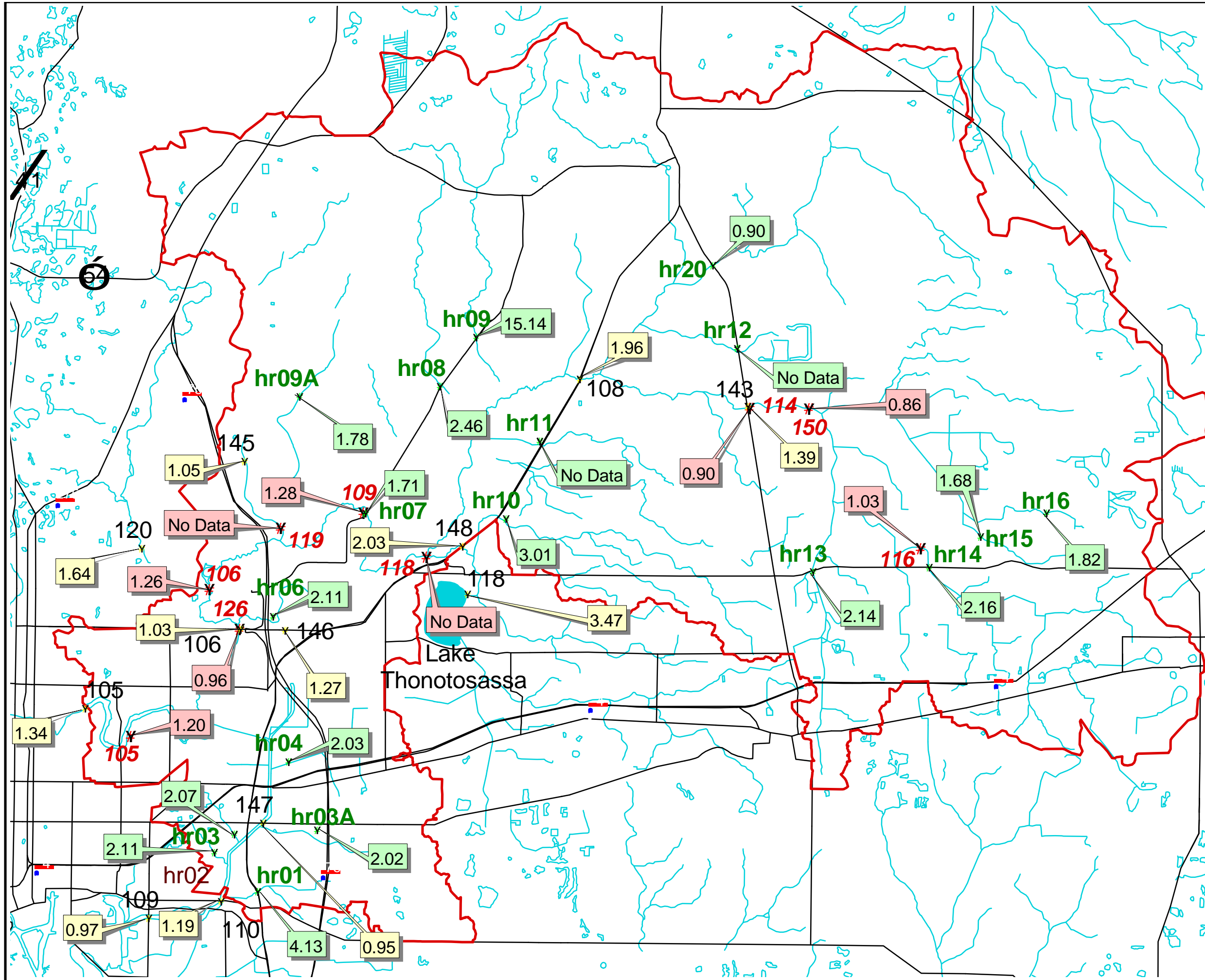








Figure 21

Mean Total Phosphorus Concentrations for Ayres Sampling Locations, Stream Waterwatch Stations, and EPC Sampling Locations: 1999 - 2001 (mg/L)

Legend:

-  Stream Waterwatch (1999-2001)
-  Ayres Sampling Locations (2000)
-  EPC Sampling Stations
-  Watershed Boundary
-  Major Roads
-  Major Streams

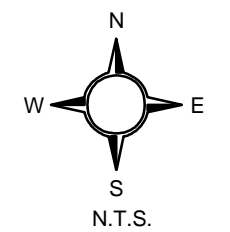
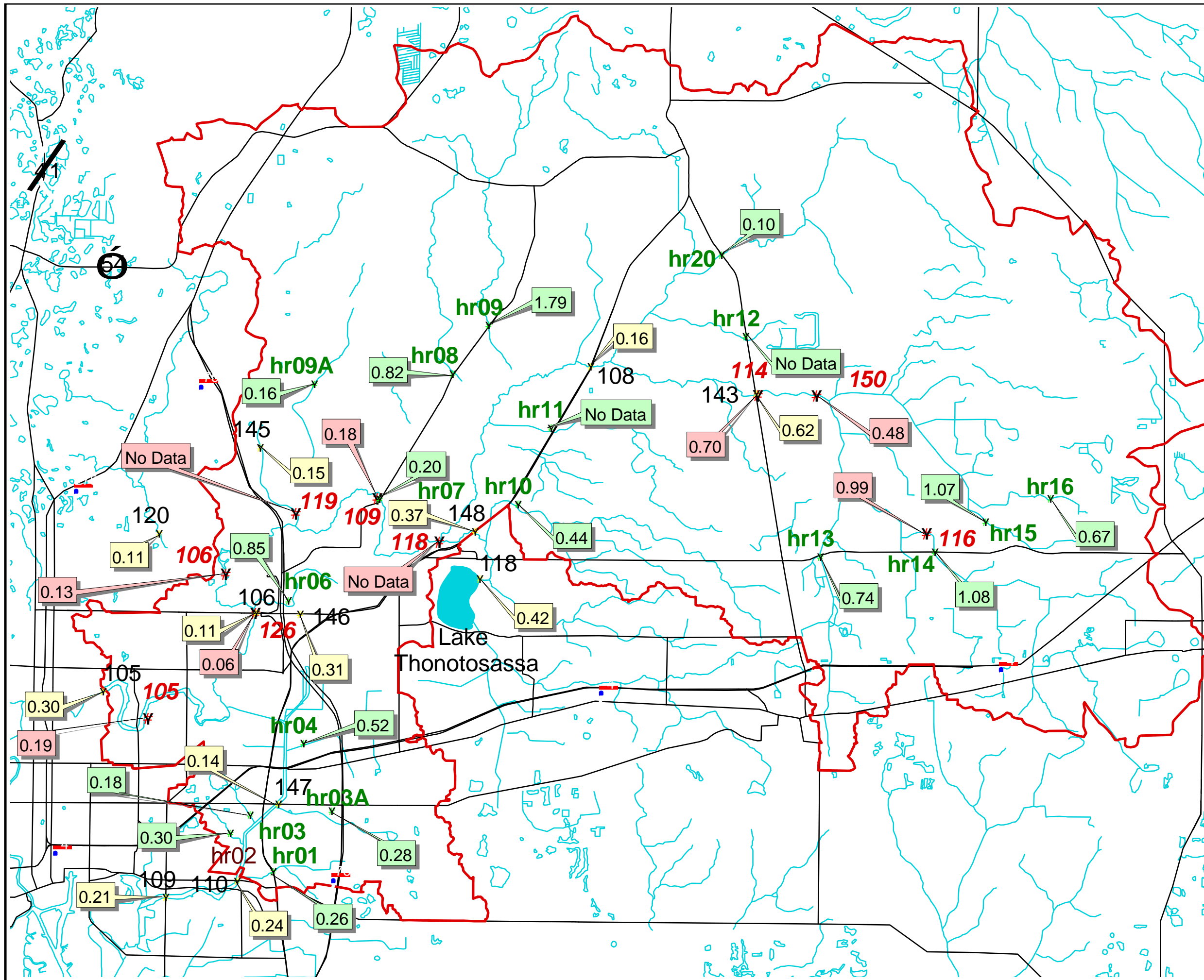









Figure 22

**Mean Total Coliform
Conc. for 1995-1999 (#/100ml)**

Legend:

-  Major Streams
-  Major Lakes
-  County Boundaries
-  Major Roads
-  Watershed Boundary
-  EPC Sampling Locations
-  Data Currently Being Collected by Ayres

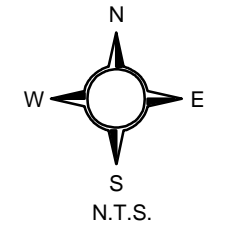
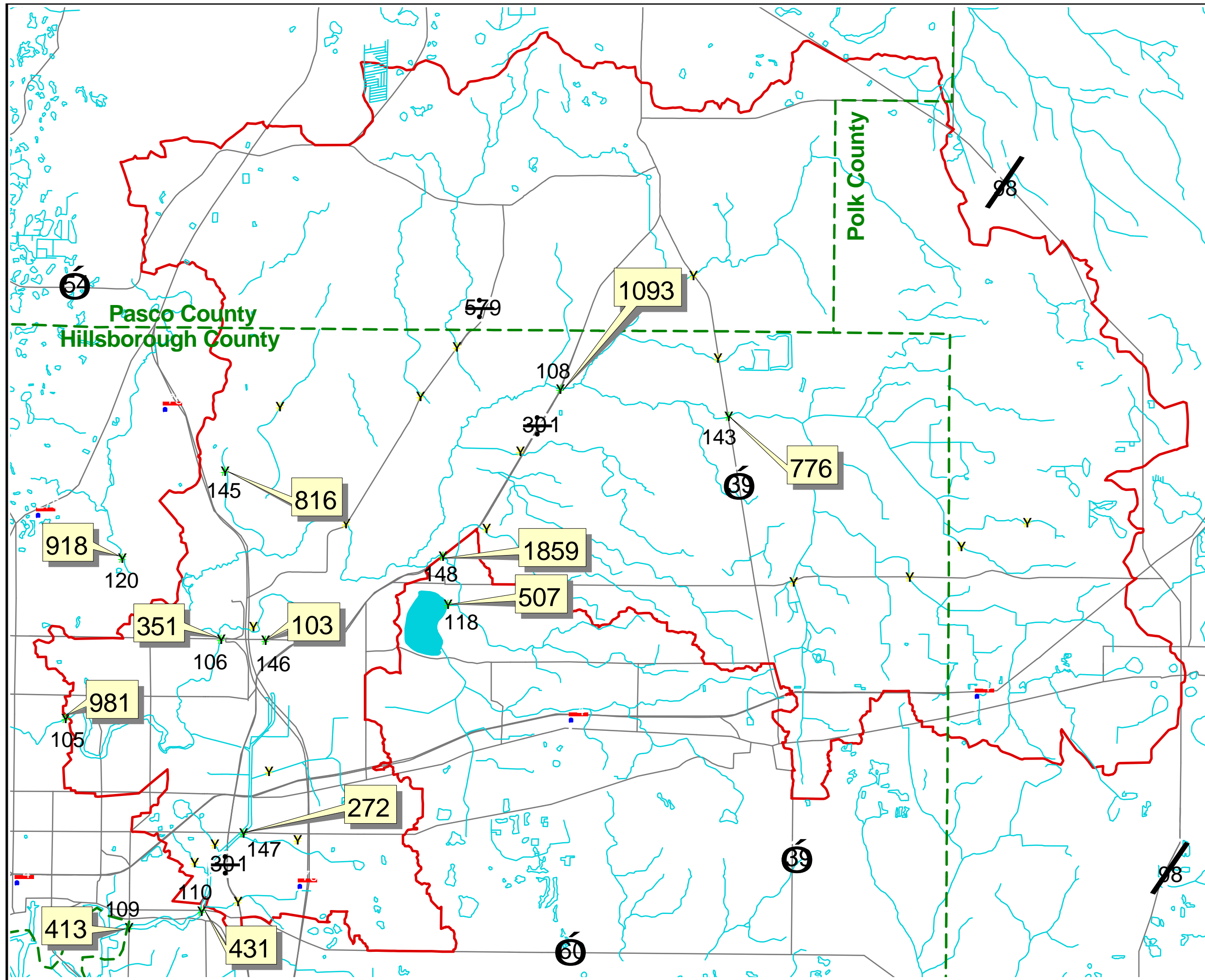









Figure 23

**Mean Fecal Coliform
Conc. for 1995-1999 (#/100ml)**

Legend:

-  Major Streams
-  Major Lakes
-  County Boundaries
-  Major Roads
-  Watershed Boundary
-  EPC Sampling Locations
-  Data Currently Being Collected by Ayres

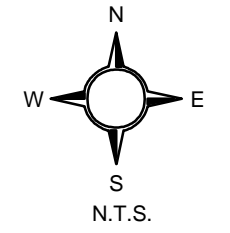
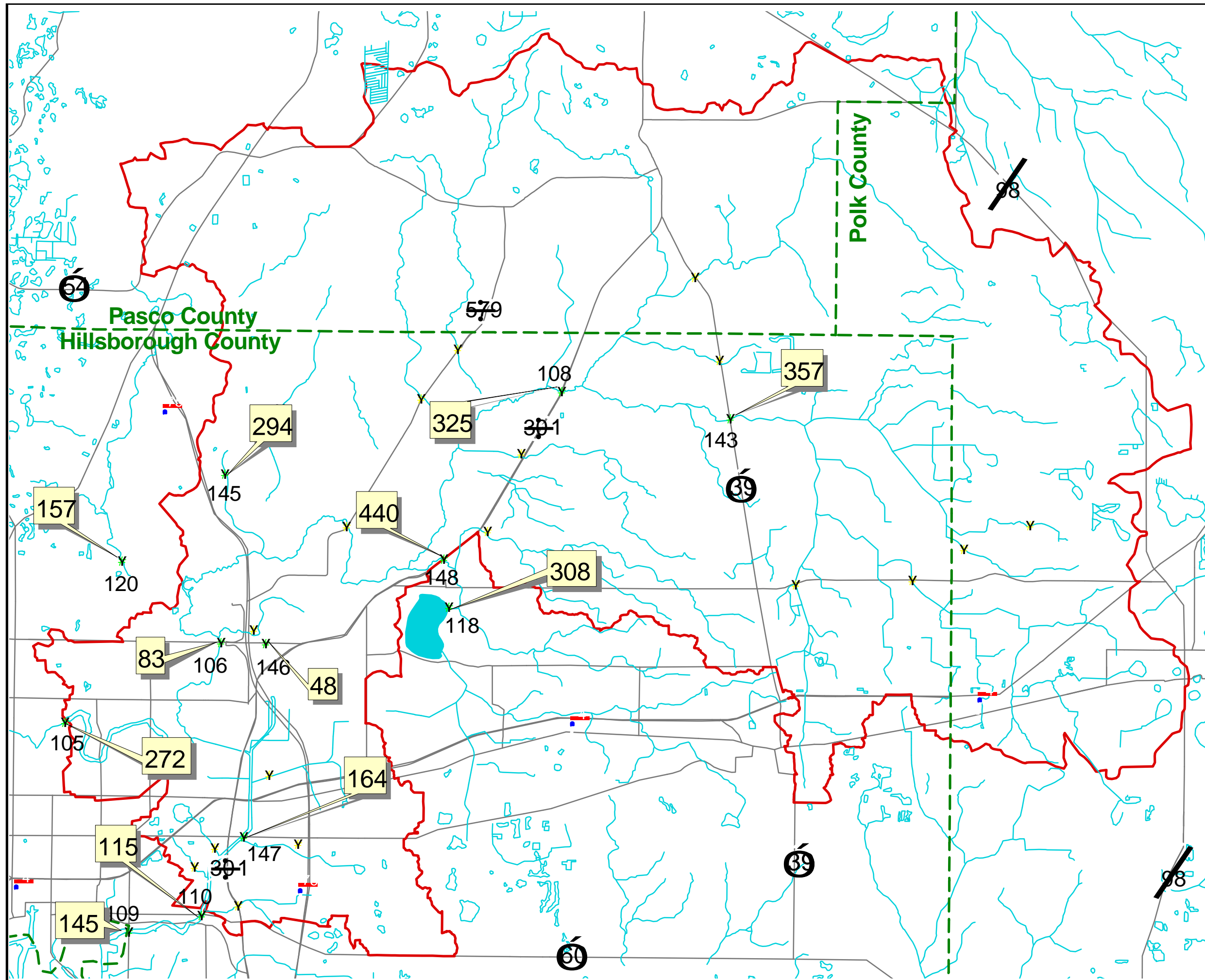


Figure 24

Location of Sampling Stations Used in the Regression Analysis

Legend:

-  Major Streams
-  Major Roads
-  Hillsborough River Watershed
-  Pemberton/Baker Creek Watershed
-  Cypress Creek Watershed

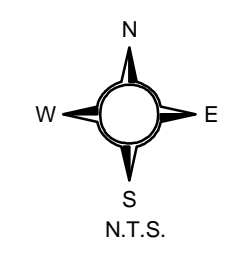
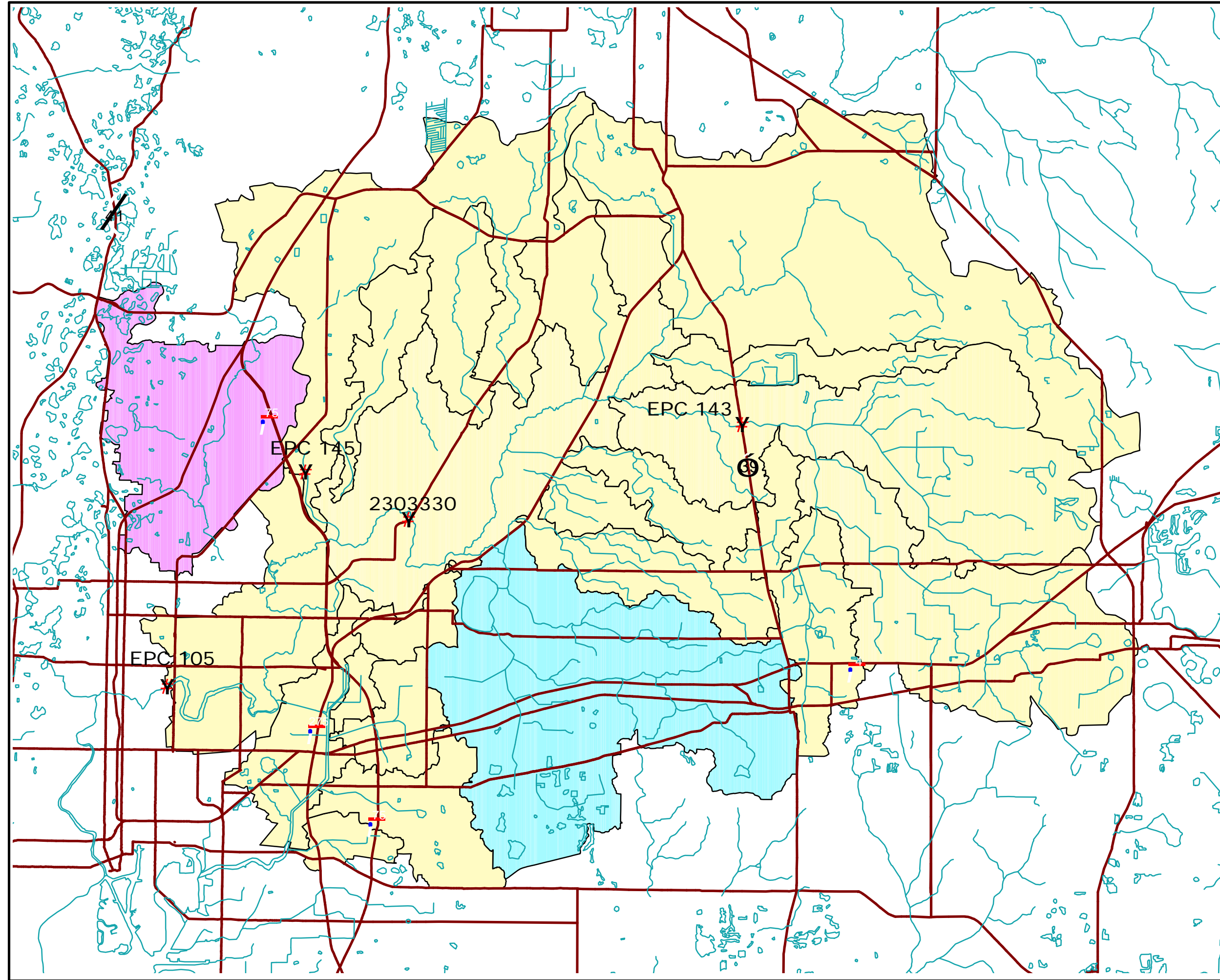


Figure 25

Drainage Area Routed
to EPC Station
105

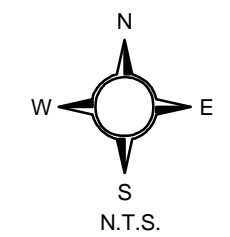
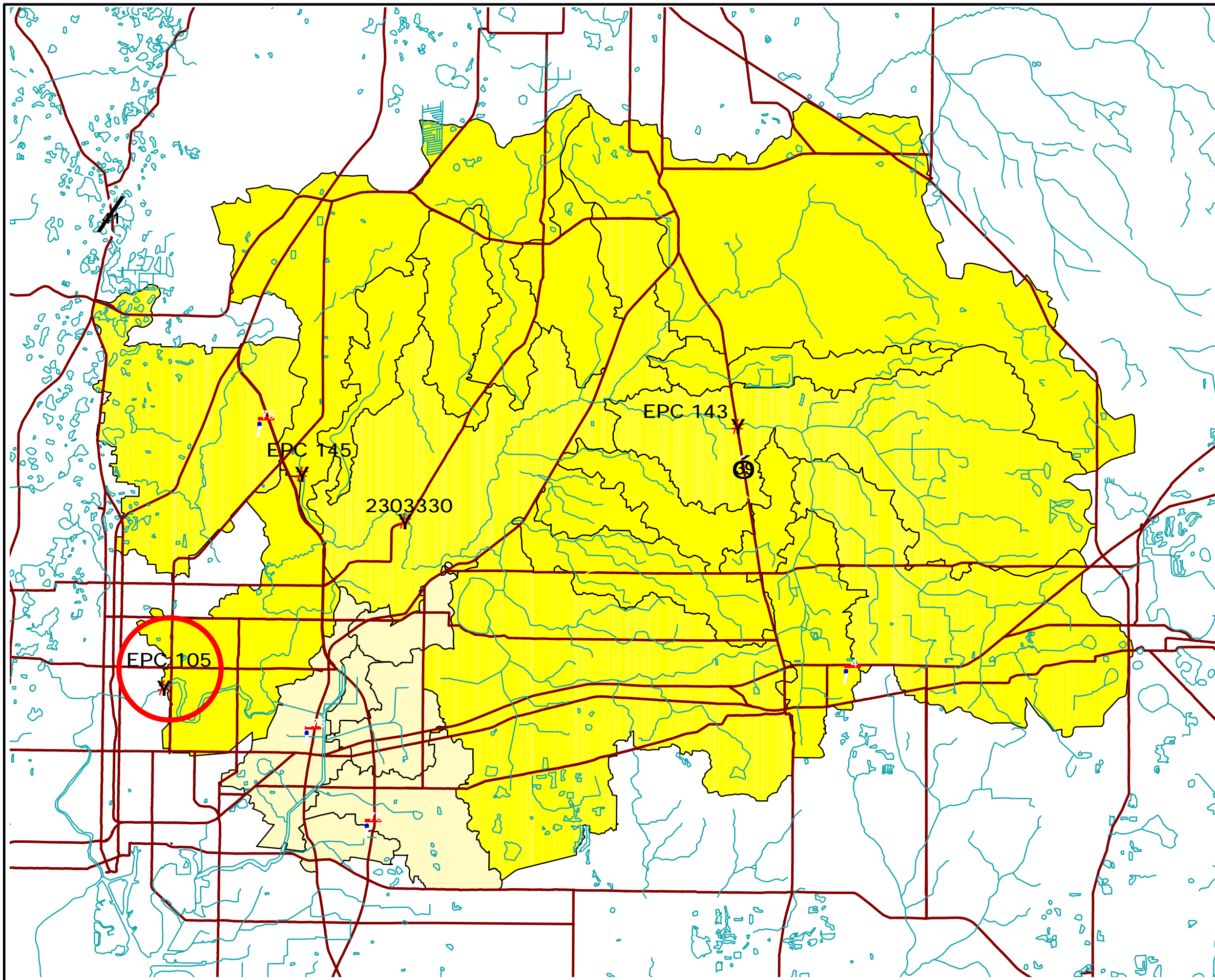


Figure 26

Drainage Area Routed
to EPC Station
145

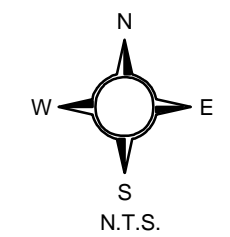
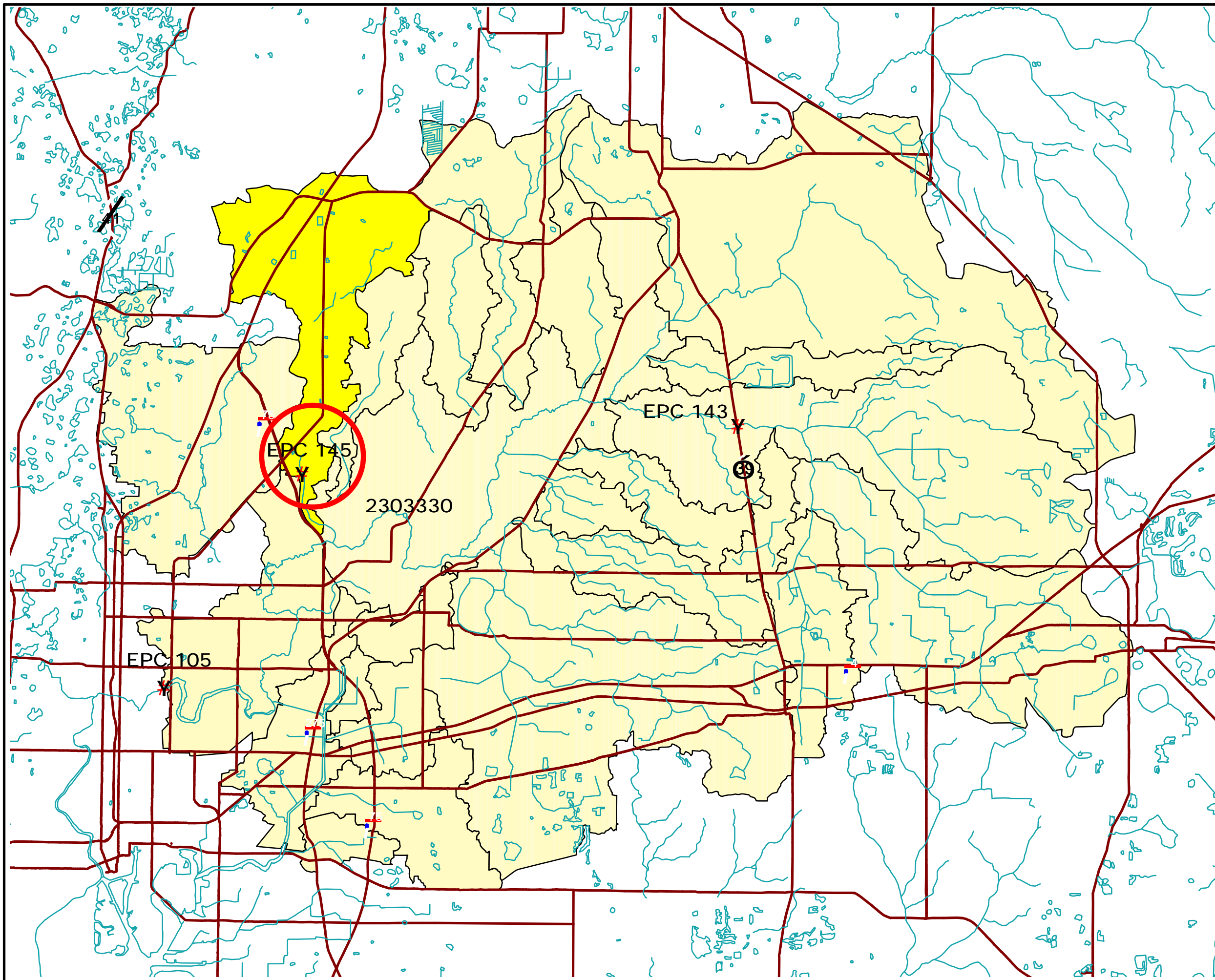


Figure 27

Drainage Area Routed
to USGS Station
2303330

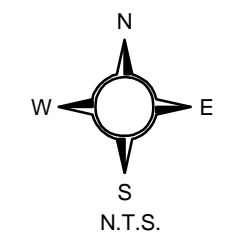
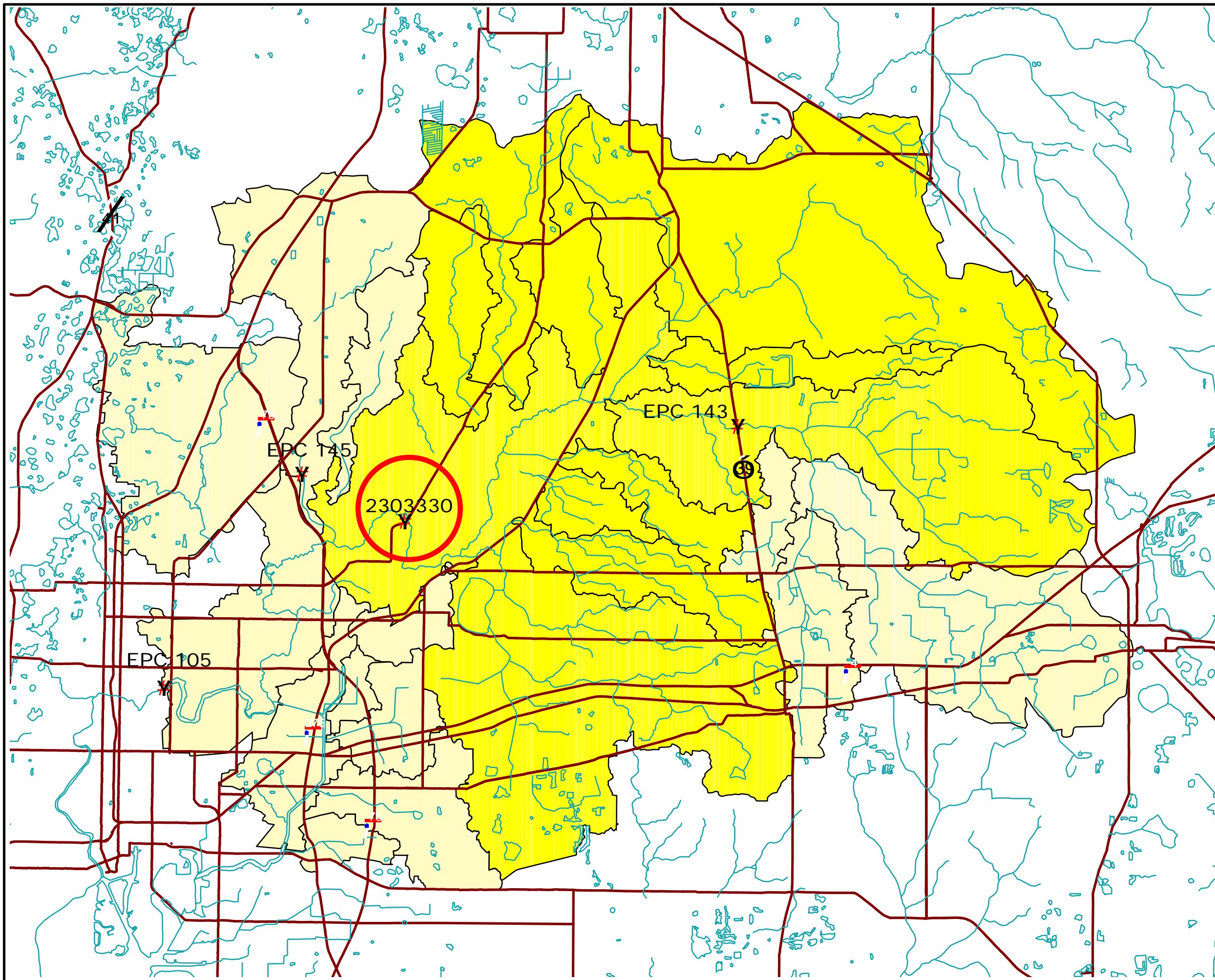


Figure 28

Drainage Area Routed
to EPC Station
143

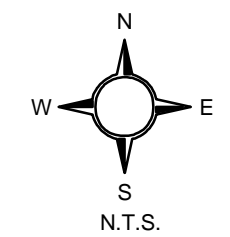
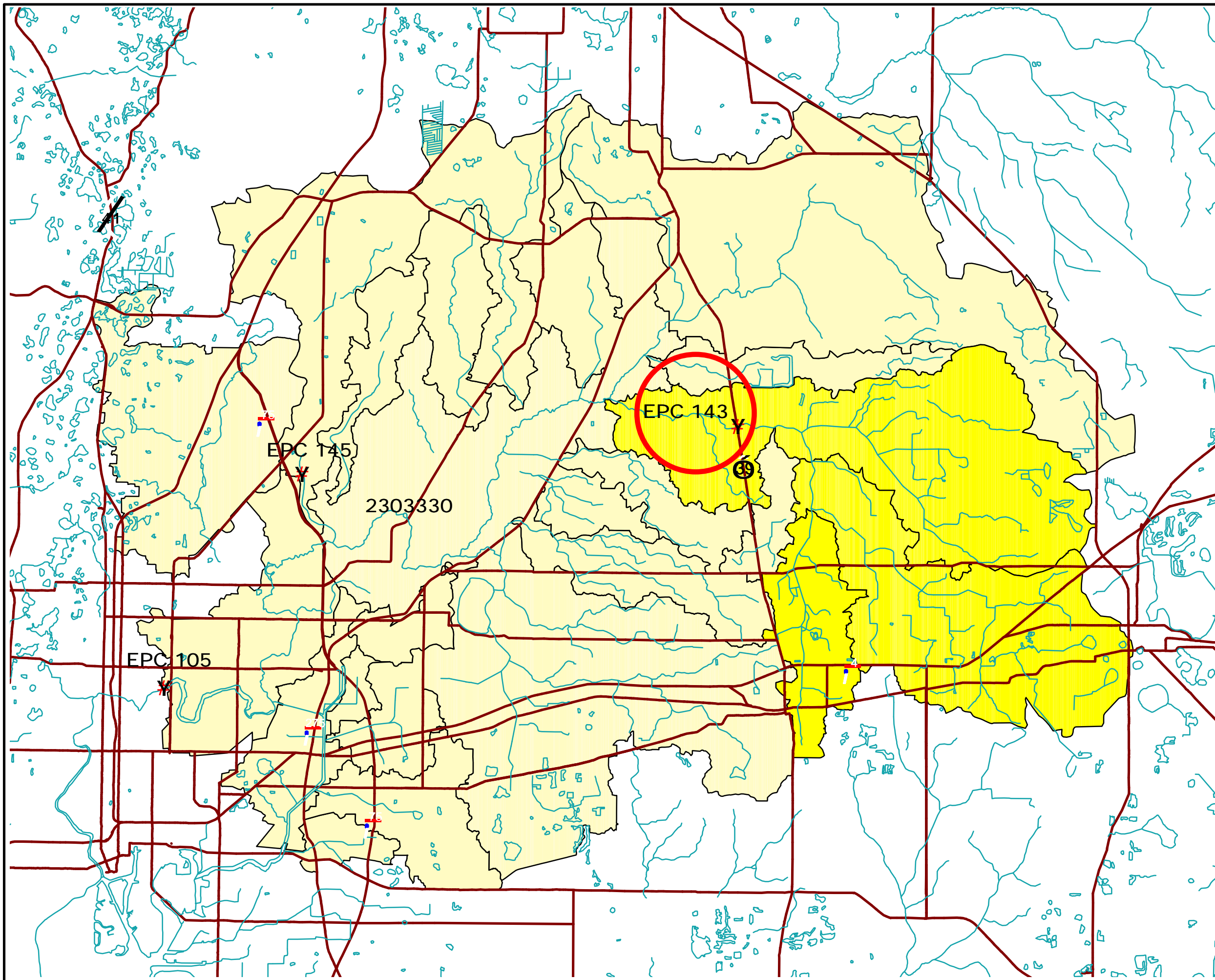


Figure 29

Groundwater Pollutant Concentrations (Floridan Aquifer)

Legend:

- Y Groundwater Sampling Stations
- Watershed Area

Data Shown is the Average Concentration of Samples Collected During the Year Indicated

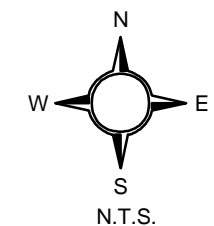
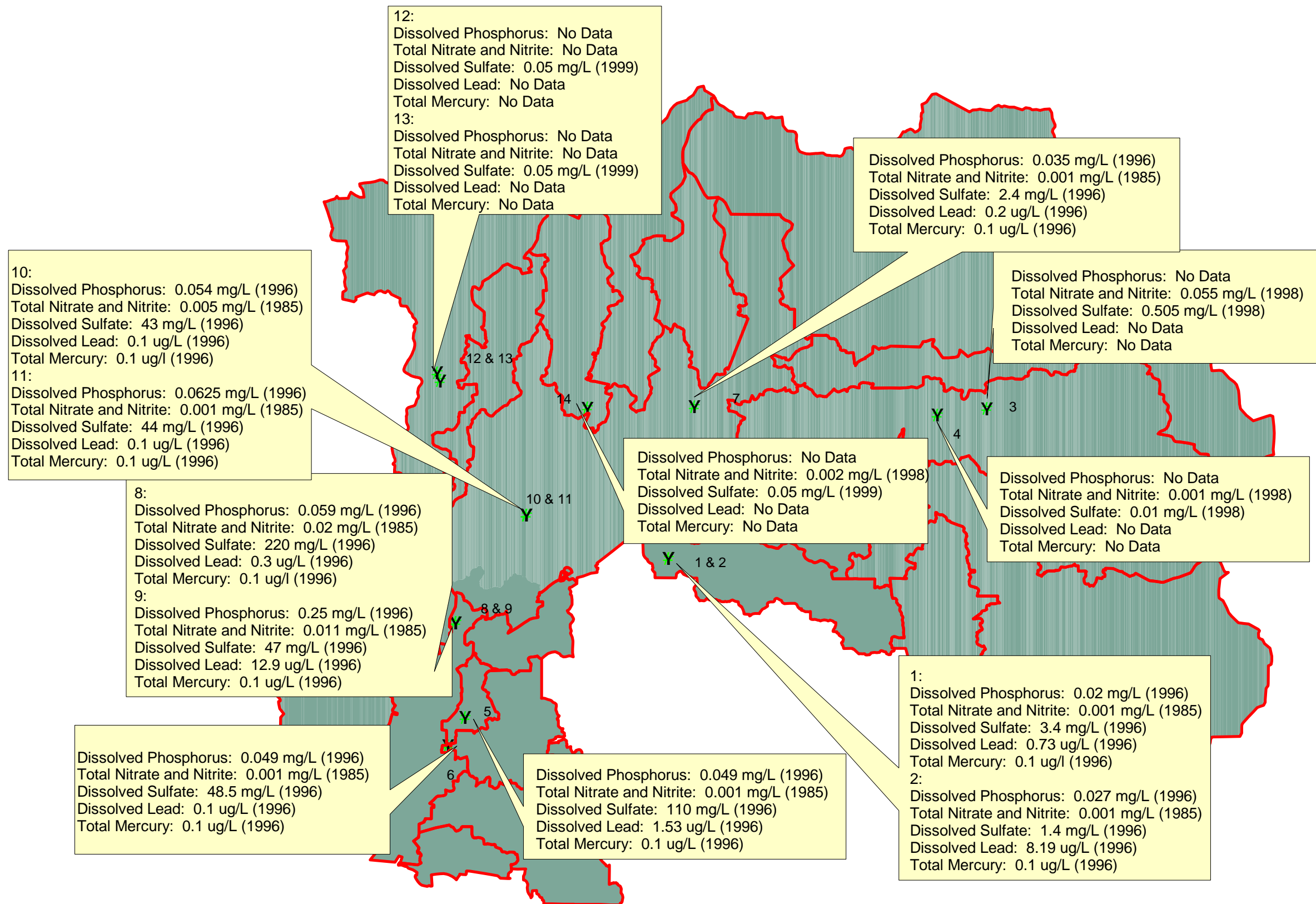


Figure 30

**Groundwater
Pollutant Concentrations
(Surficial Aquifer)**

Legend:

Y Groundwater Sampling Stations

Watershed Area

Data Shown is the Average Concentration of Samples Collected During the Year Indicated

No Data

1

Dissolved Phosphorus: No Data
Total Nitrate and Nitrite: 0.19 mg/L (1998)
Dissolved Sulfate: 102 mg/L (1998)
Dissolved Lead: No Data
Total Mercury: No Data

2

Dissolved Phosphorus: 0.049 mg/L (1996)
Total Nitrate and Nitrite: 0.001 mg/L (1985)
Dissolved Sulfate: 3.9 mg/L (1996)
Dissolved Lead: 57.7 ug/L (1996)
Total Mercury: 0.1 ug/L (1996)

4

Dissolved Phosphorus: 0.03 mg/L (1993)
Total Nitrate and Nitrite: 0.002 mg/L (1985)
Dissolved Sulfate: 18 mg/L (1996)
Dissolved Lead: 4.97 ug/L (1996)
Total Mercury: 0.1 ug/L (1996)

5

Dissolved Phosphorus: 0.026 mg/L (1996)
Total Nitrate and Nitrite: 0.012 mg/L (1985)
Dissolved Sulfate: 960 mg/L (1996)
Dissolved Lead: 2.67 ug/L (1996)
Total Mercury: 0.1 ug/L (1996)

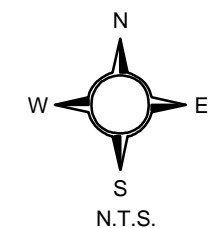
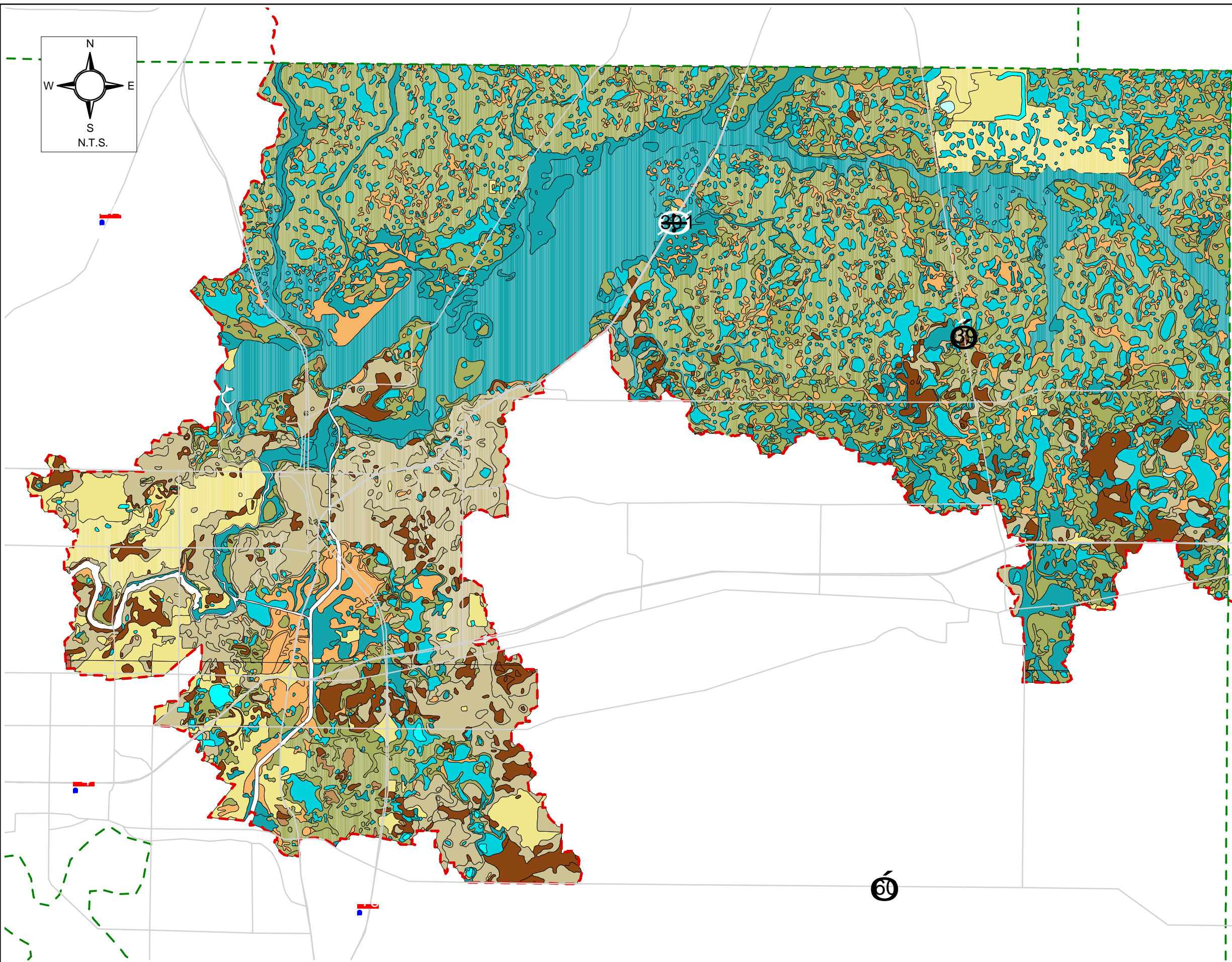
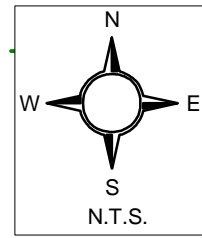


Figure 31












Historical Land Use in the Hillsborough River Watershed: Hillsborough County Portion Only (Pre-1900)

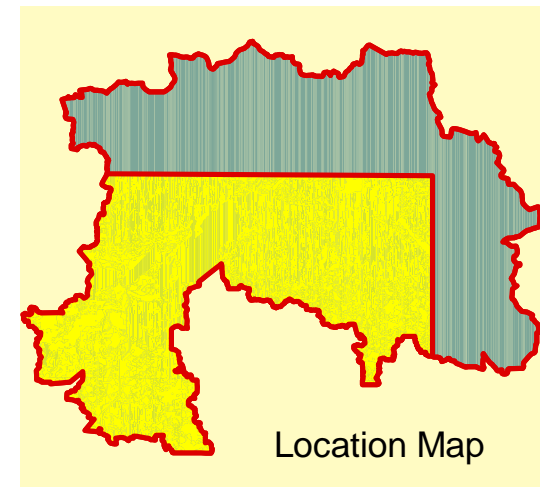


Legend:

-  County Boundaries
-  Major Roads

Historical Land Use Classifications:

-  Coastal Strand
-  Cypress Swamp
-  Hardwood Swamp
-  Herbaceous Wetlands
-  Longleaf Pine - Turkey Oak Sandhills
-  Mangrove Swamps
-  No Community Defined
-  Pine Flatwoods
-  Scrub
-  Upland Hardwood Hammock
-  Water



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INCORPORATED







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Figure 32

**Publicly Owned Lands
Within the Hillsborough
River Watershed:
Hillsborough County Portion
Only**

Legend:

-  County Boundaries
-  Major Roads
-  Existing
-  Proposed
-  Outparcel
-  Watershed Boundary

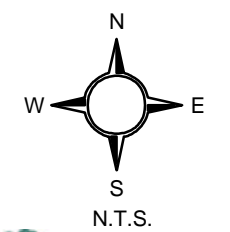
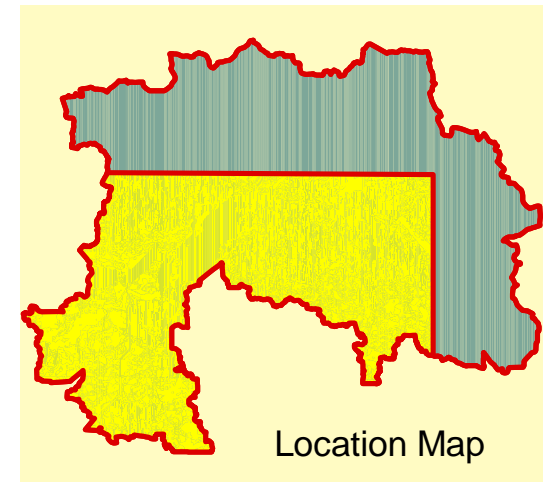
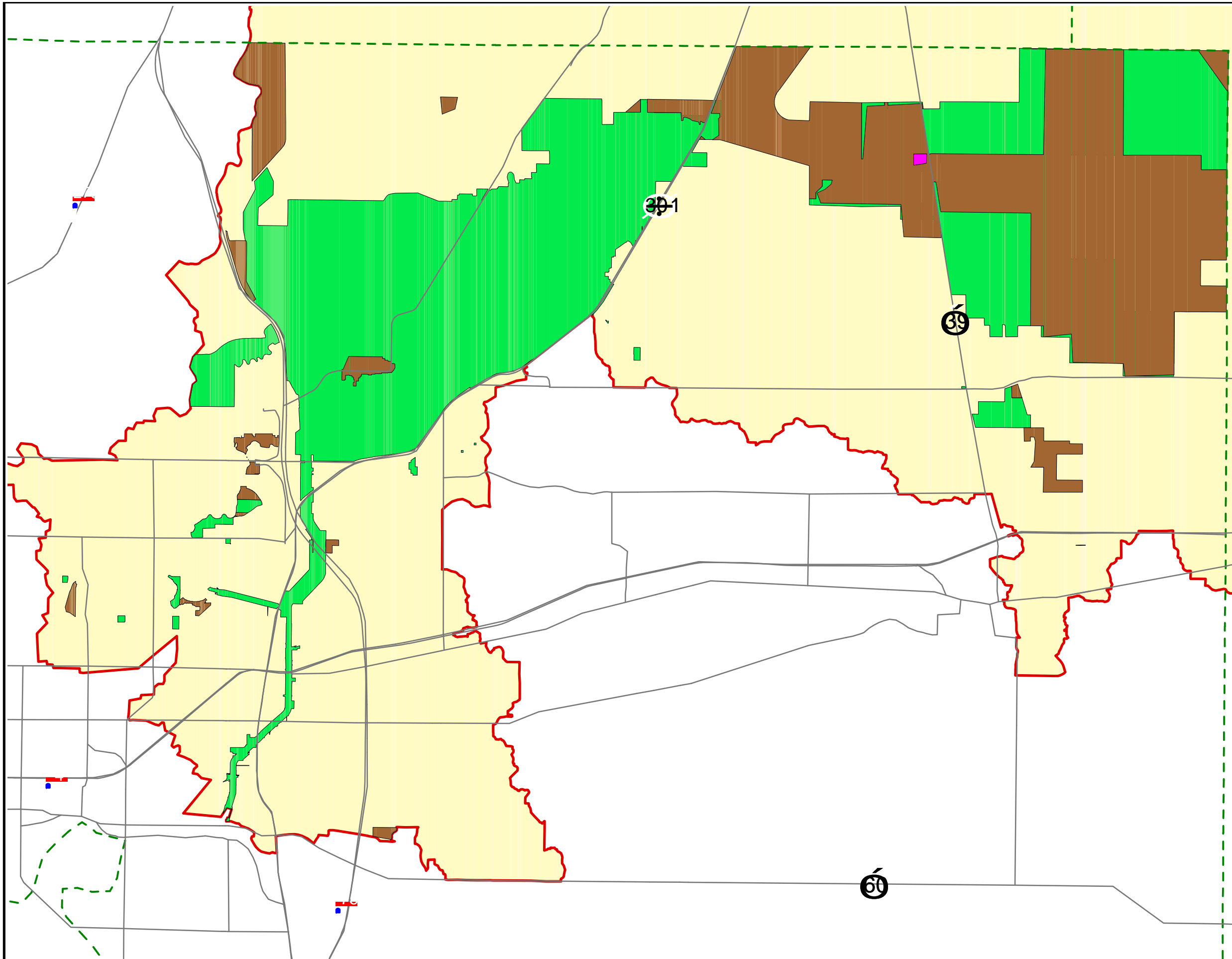


Figure 33

Public Wellfields and Water Use Permit Locations in the Hillsborough River Watershed

- Legend:**
- County Boundaries
 - Major Roads
 - Major Streams
 - Water Use Permits
 - Public Well Fields
 - Watershed Boundary

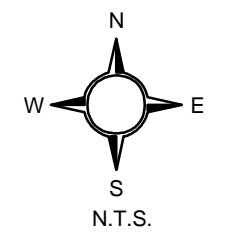
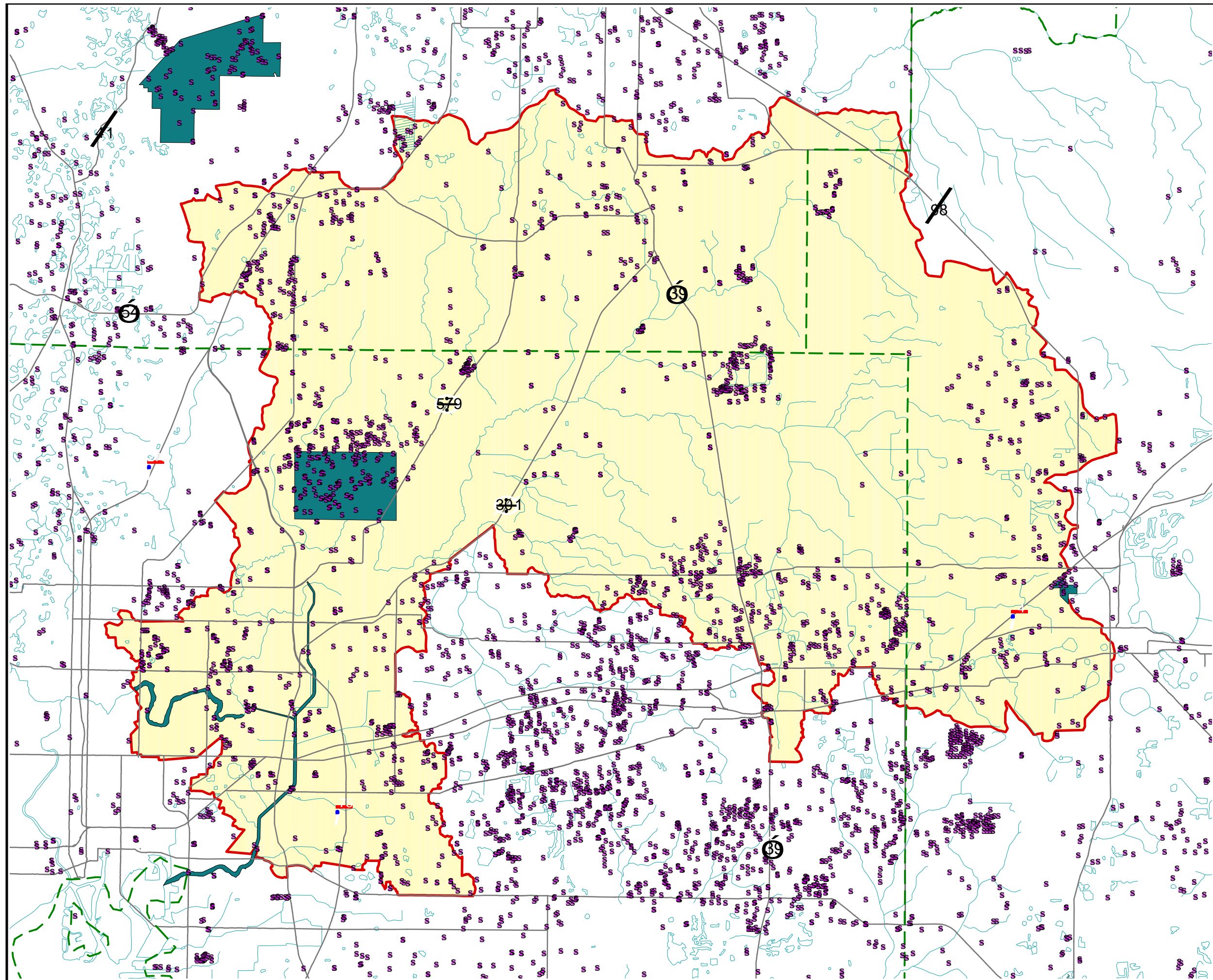




Figure 34

**Land Use Classifications
Aggregated for the
Pollutant Loading Model
(Parsons, Inc.)**

Legend:

-  County Boundaries
-  Major Roads

Aggregated Land Use Classifications:

-  Agricultural
-  Commercial
-  Extractive (Mining)/Disturbed
-  High Density Residential
-  Highway/Utility
-  Institutional
-  Light Industrial
-  Low/Medium Density Residential
-  Open Land
-  Recreational
-  Upland Forest
-  Water
-  Wetland Non-Forested
-  Wetland Forest

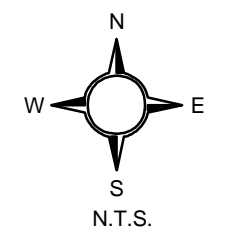
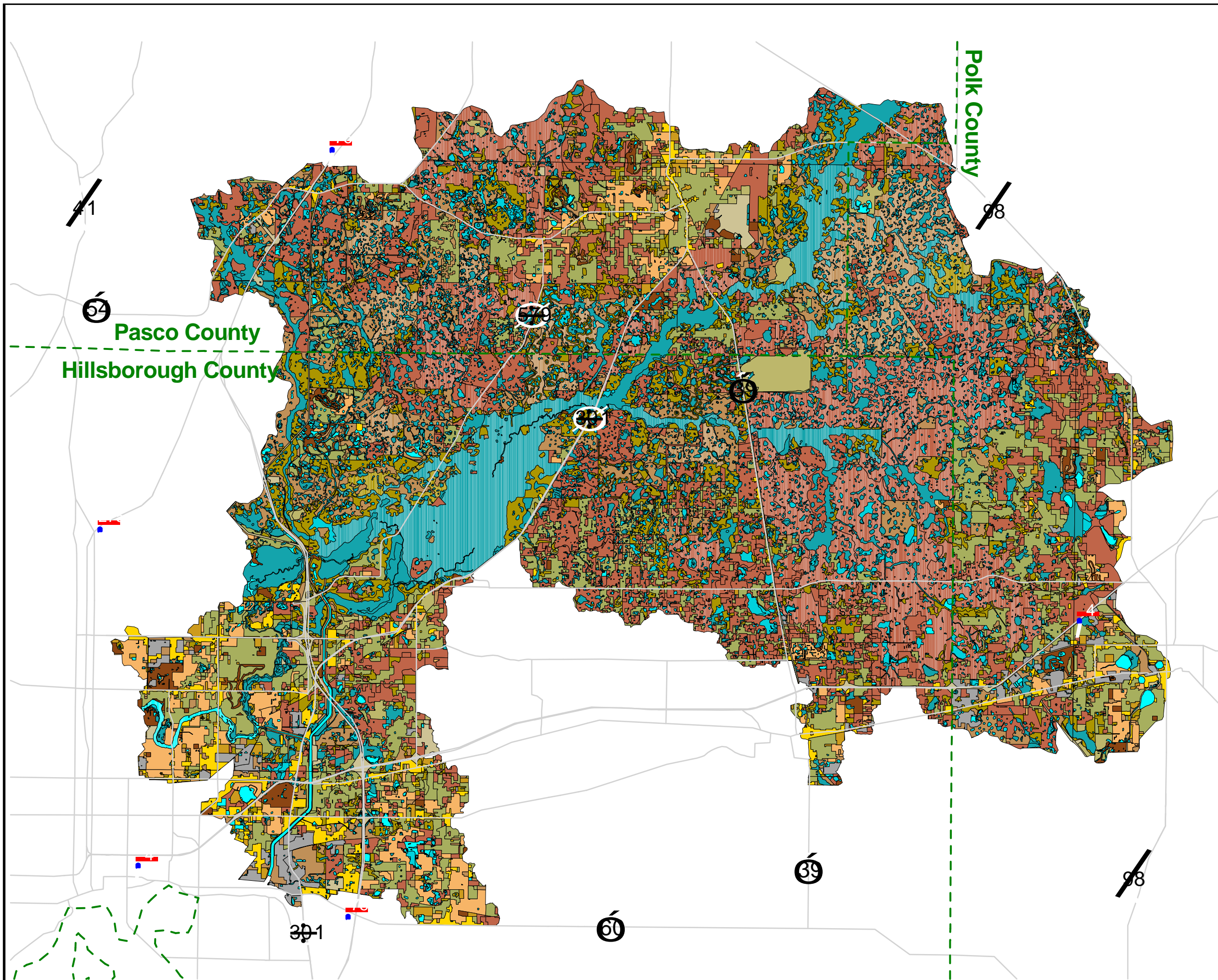


Figure 35

Hydrologic Soil Groups in the Hillsborough River Watershed

Legend:
County Boundaries
Major Roads

Hydrologic Soil Groups:

Blue	A
Yellow	B
Light Green	B/D
Light Orange	C
Red	D

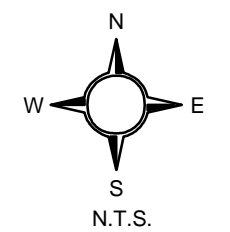
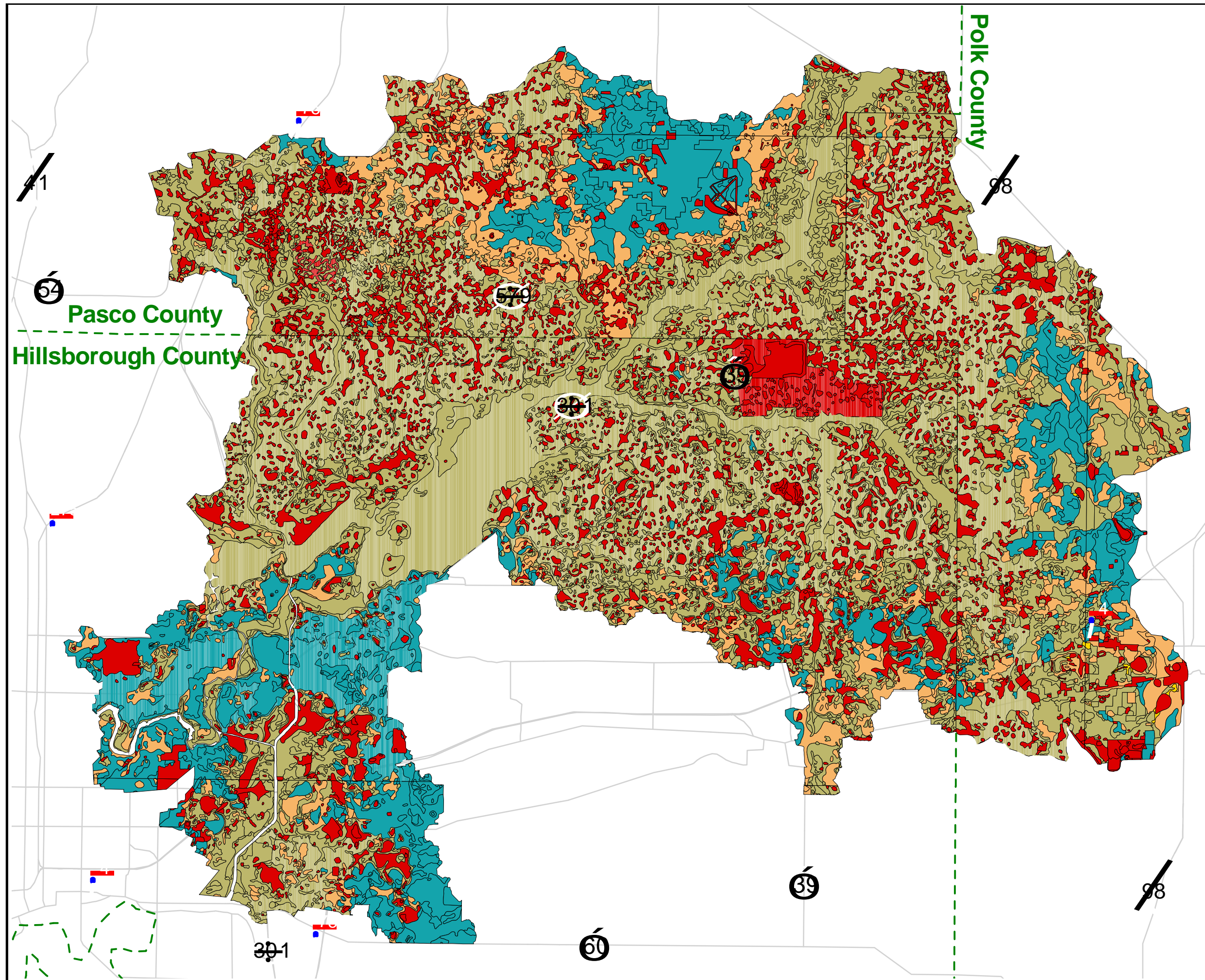


Figure 36

Land Use Classifications	Acres	Percentage of the Watershed
Agricultural	78,841	30.0
Commercial	6,419	2.4
Extractive (Mining)/Disturbed	2,650	1.0
High Density Residential	10,175	3.9
Highway/Utility	4,431	1.7
Institutional	1,537	0.6
Light Industrial	3,339	1.3
Low/Medium Density Residential	33,751	12.8
Open Land	30,295	11.5
Recreational	3,853	1.5
Upland Forest	26,583	10.1
Water	4,453	1.7
Wetland Forest	44,208	16.8
Wetland Non-Forested	12,295	4.7
Grand Total	262,830	100

Table 3 *Percentage of Land Use Classifications Aggregated for the Pollutant Loading Model for the Hillsborough River Watershed.*





Soils Hydrogroup	Acres	Percentage of the Watershed
A	42,106	16.02
B	93	0.04
B/D	150,474	57.25
C	24,354	9.27
D	45,803	17.43
Grand Total	262,830	100

Table 4 *Percentage of the Hydrologic Soil Groups in the Hillsborough River Watershed.*



Environmental Resource Permit (ERP) Locations in the Central Tributaries Region

Legend:

-  Major Roads
-  ERP Point Location
-  ERP Polygon Location
-  Central Tributaries Region

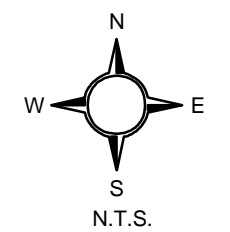
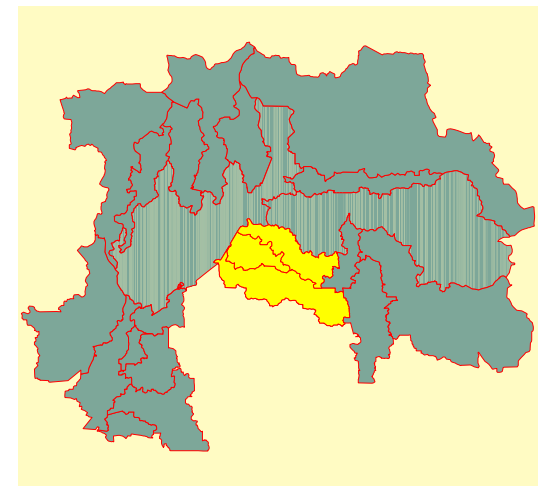
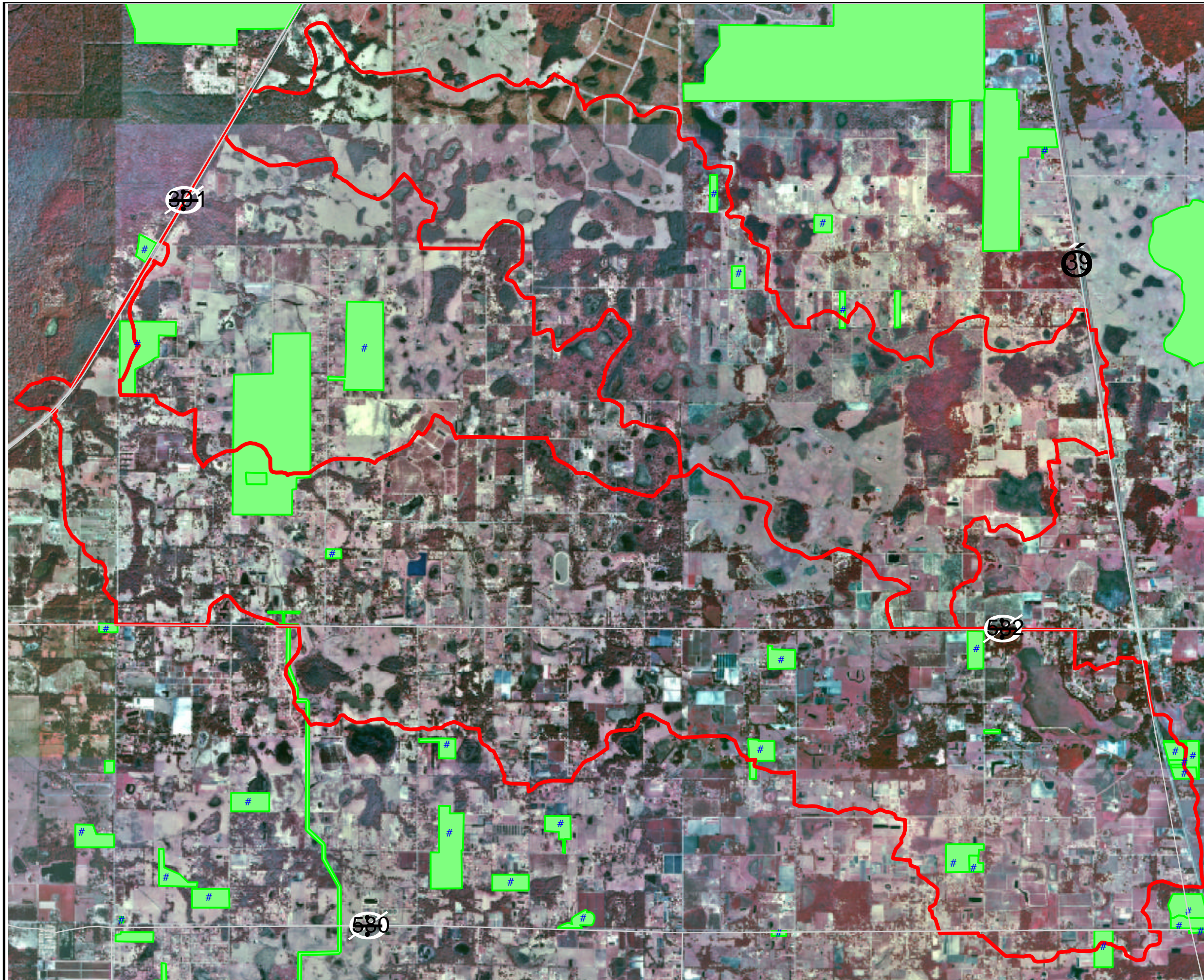






Figure 37

Environmental Resource Permit (ERP) Locations in the Blackwater Creek Region

Legend:

-  Major Roads
-  ERP Point Location
-  ERP Polygon Location
-  Blackwater Creek Region

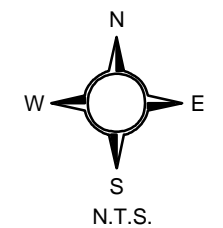
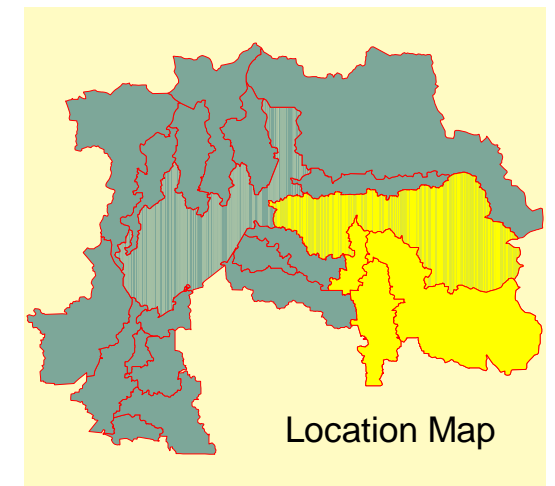
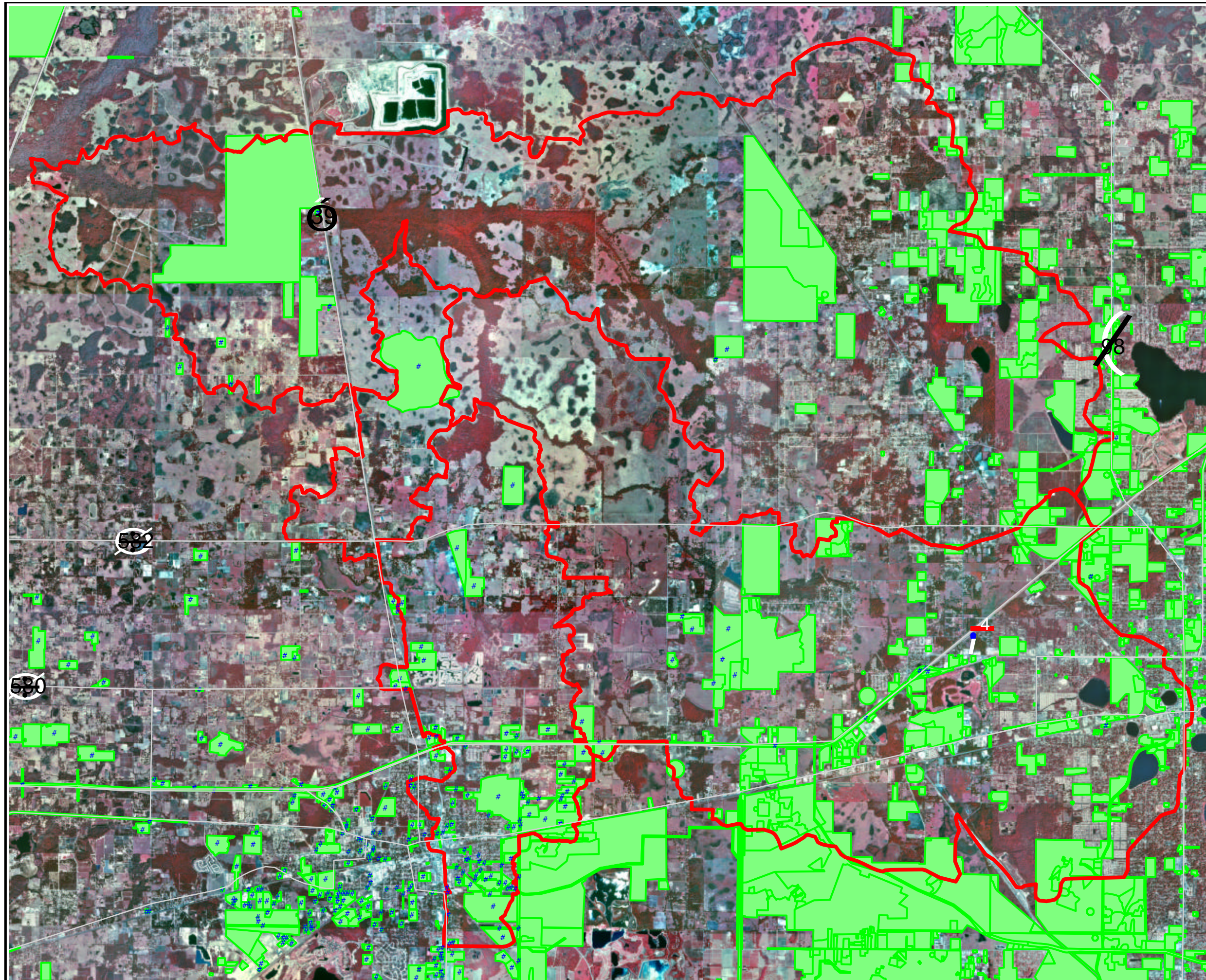


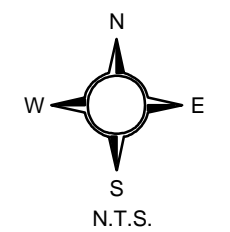
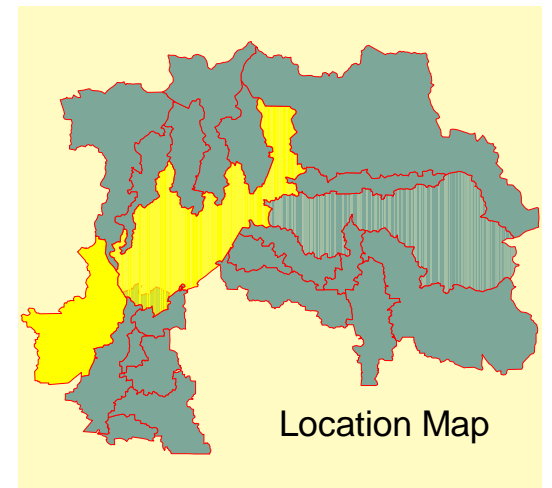
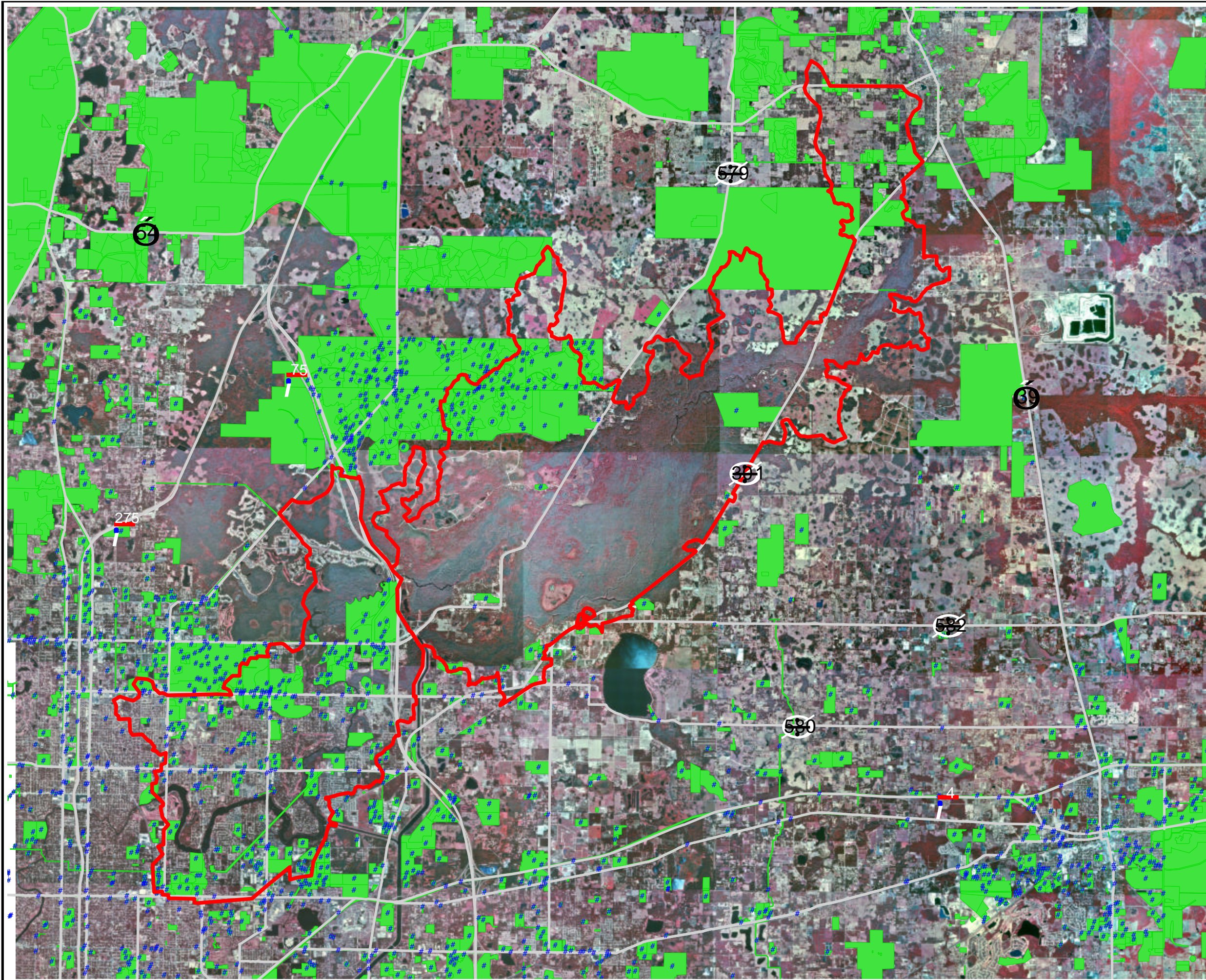
Figure 38



Environmental Resource Permit (ERP) Locations in the Hillsborough River Region

Legend:

- Major Roads
- ERP Point Location
- ERP Polygon Location
- Hillsborough River Region







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Figure 39

Environmental Resource Permit (ERP) Locations in the Hillsborough River near Crystal Springs Region

Legend:

-  Major Roads
-  ERP Point Location
-  ERP Polygon Location
-  Hillsborough River near Crystal Springs Region

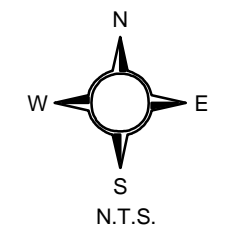
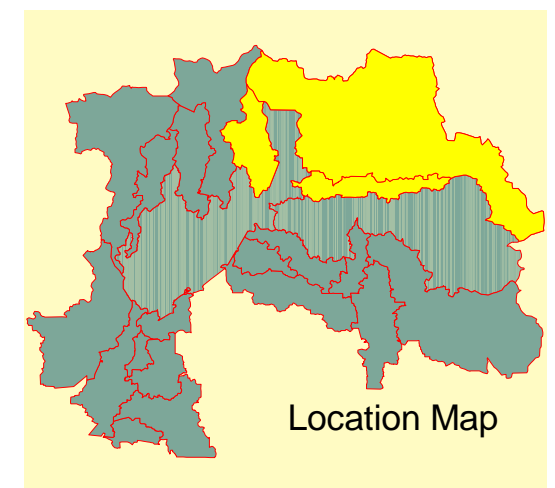
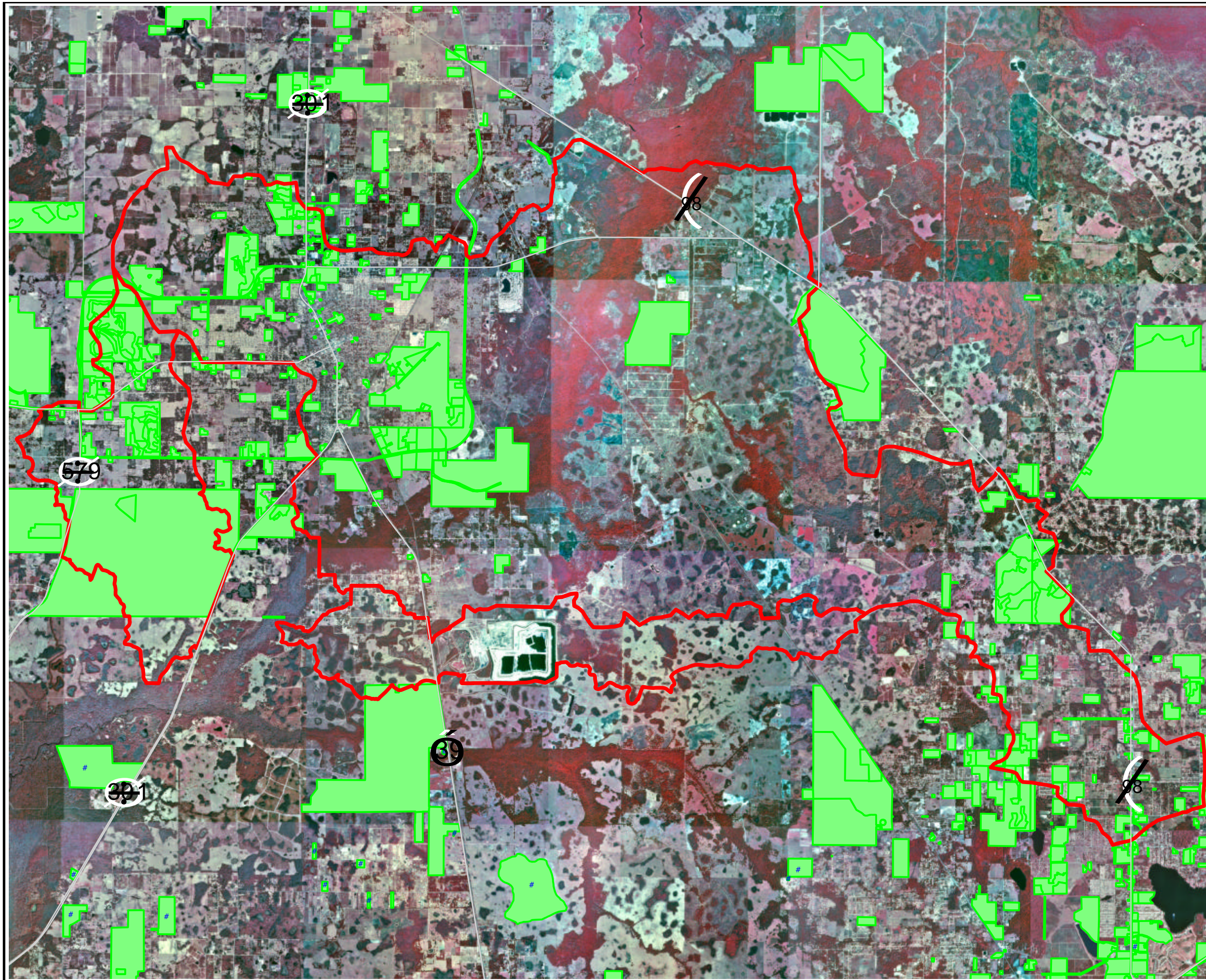


Figure 40



Environmental Resource Permit (ERP) Locations in the Northwest Tributaries Region

Legend:

- Major Roads
- ERP Point Location
- ERP Polygon Location
- Northwest Tributaries Region

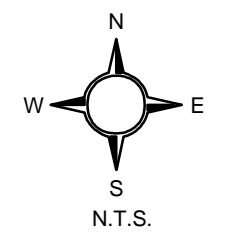
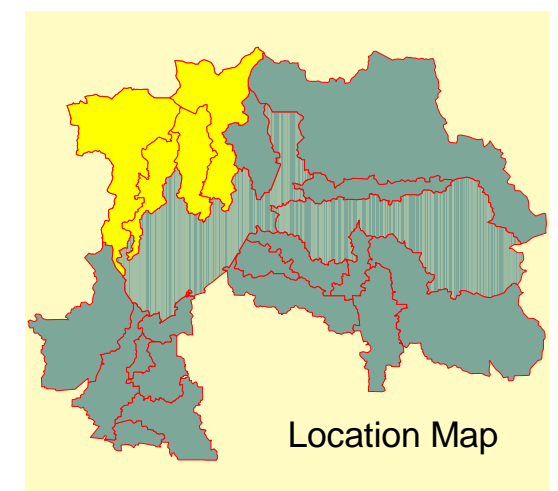
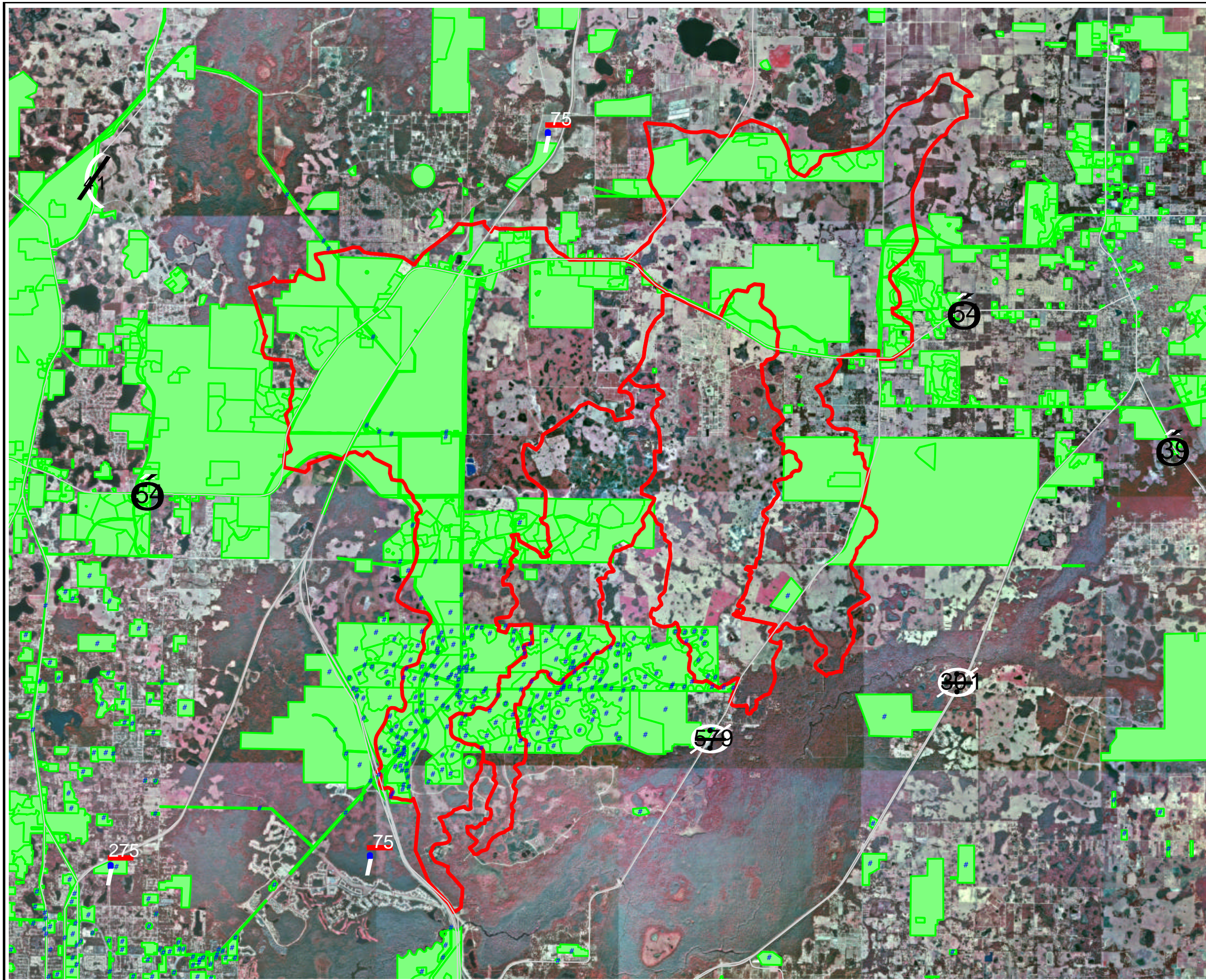






Figure 41



Environmental Resource Permit (ERP) Locations in the Tampa Bypass Canal and Tributaries Region

Legend:

-  Major Roads
-  ERP Point Location
-  ERP Polygon Location
-  Tampa Bypass Canal and Tributaries Region

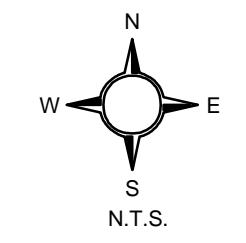
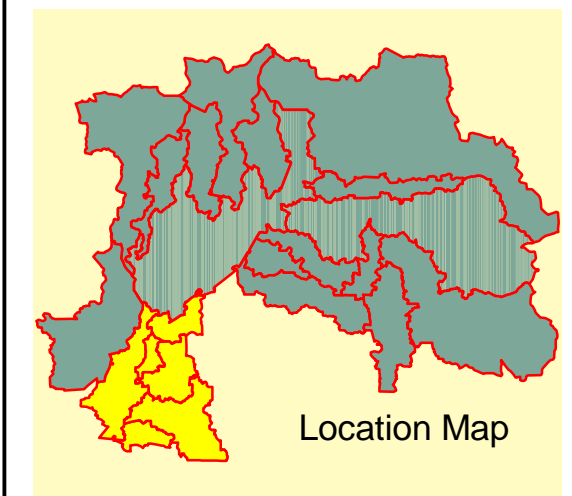
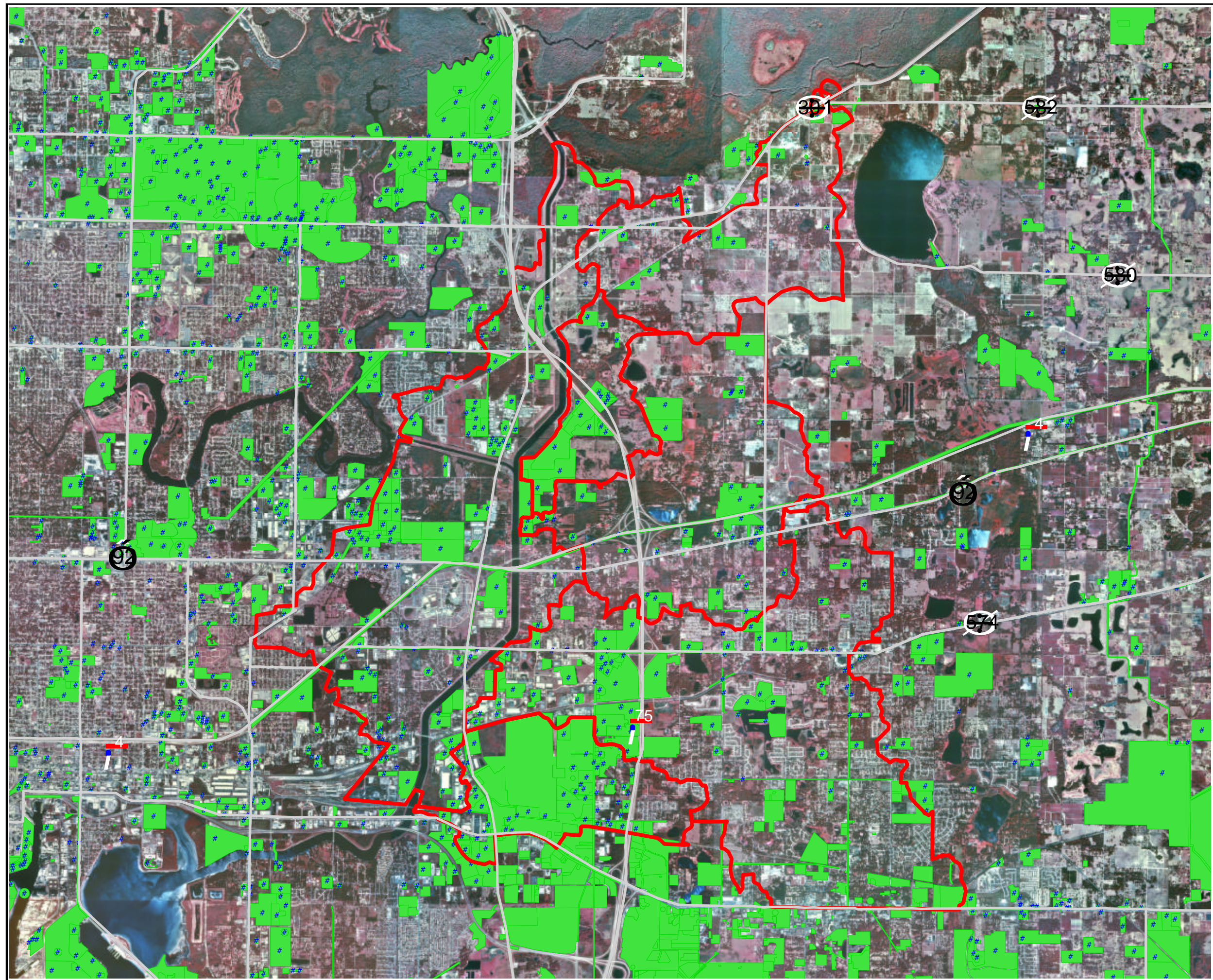


Figure 42



Treatment Area Locations in the Central Tributaries Region

Legend:

- Major Roads
- # ERP Point Location
- BMP Treatment Areas
- Central Tributaries Region

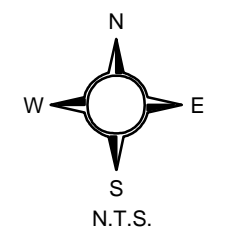
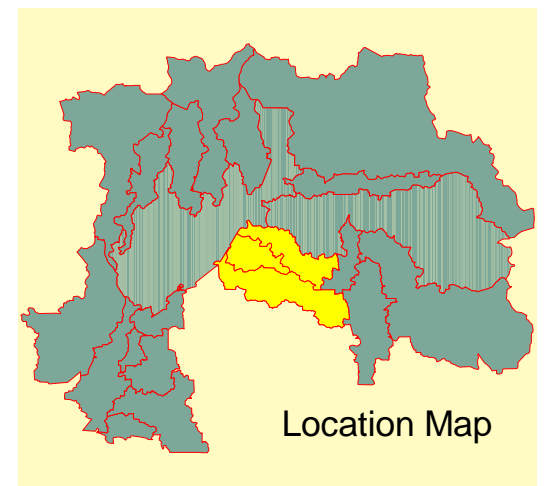
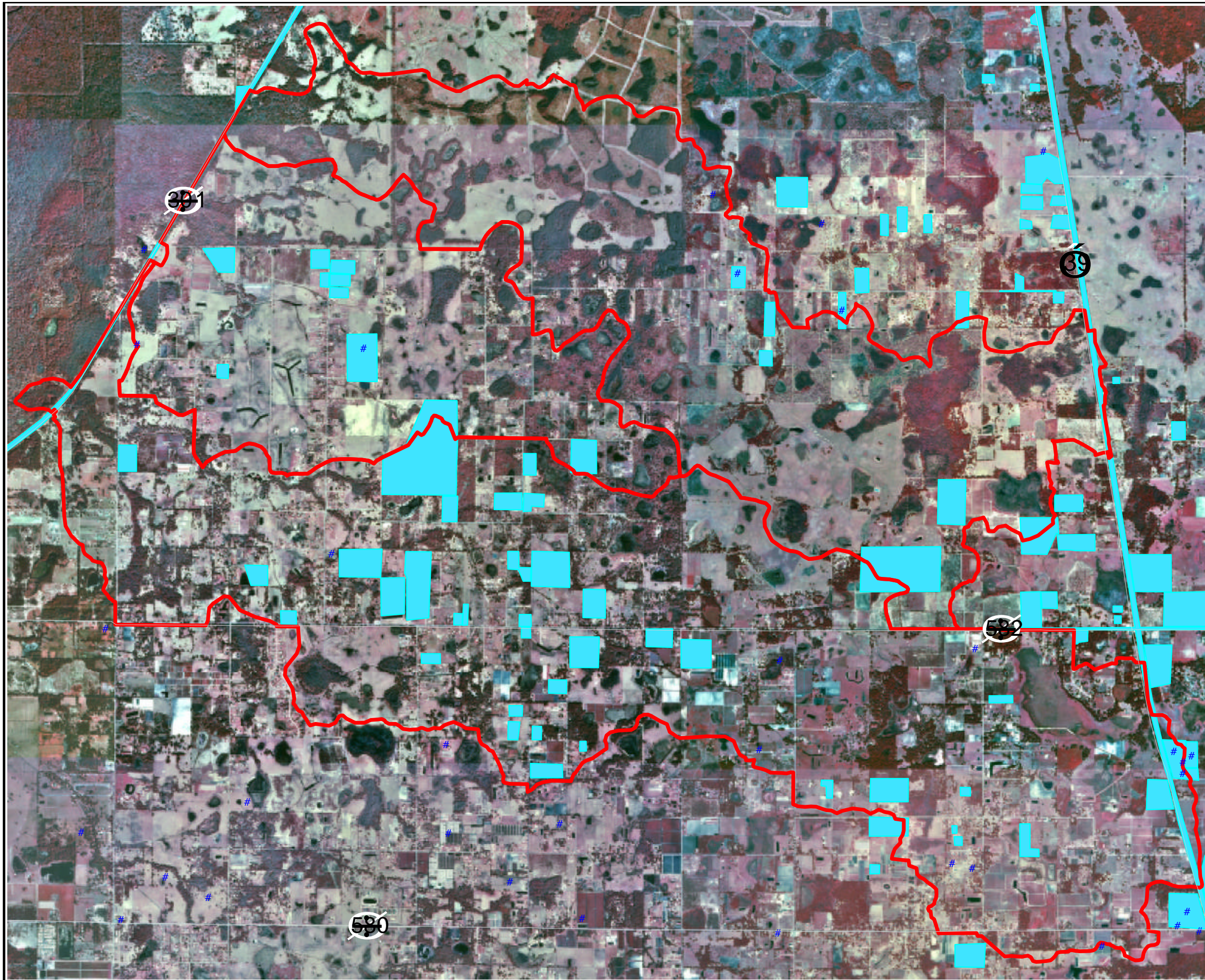


Figure 43

Treatments Area Locations in the Blackwater Creek Region

Legend:

- Major Roads
- ERP Point Location
- BMP Treatment Areas
- Blackwater Creek Region

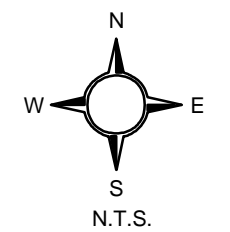
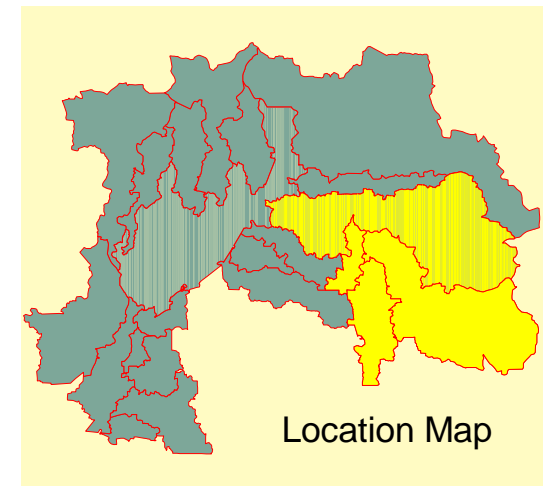
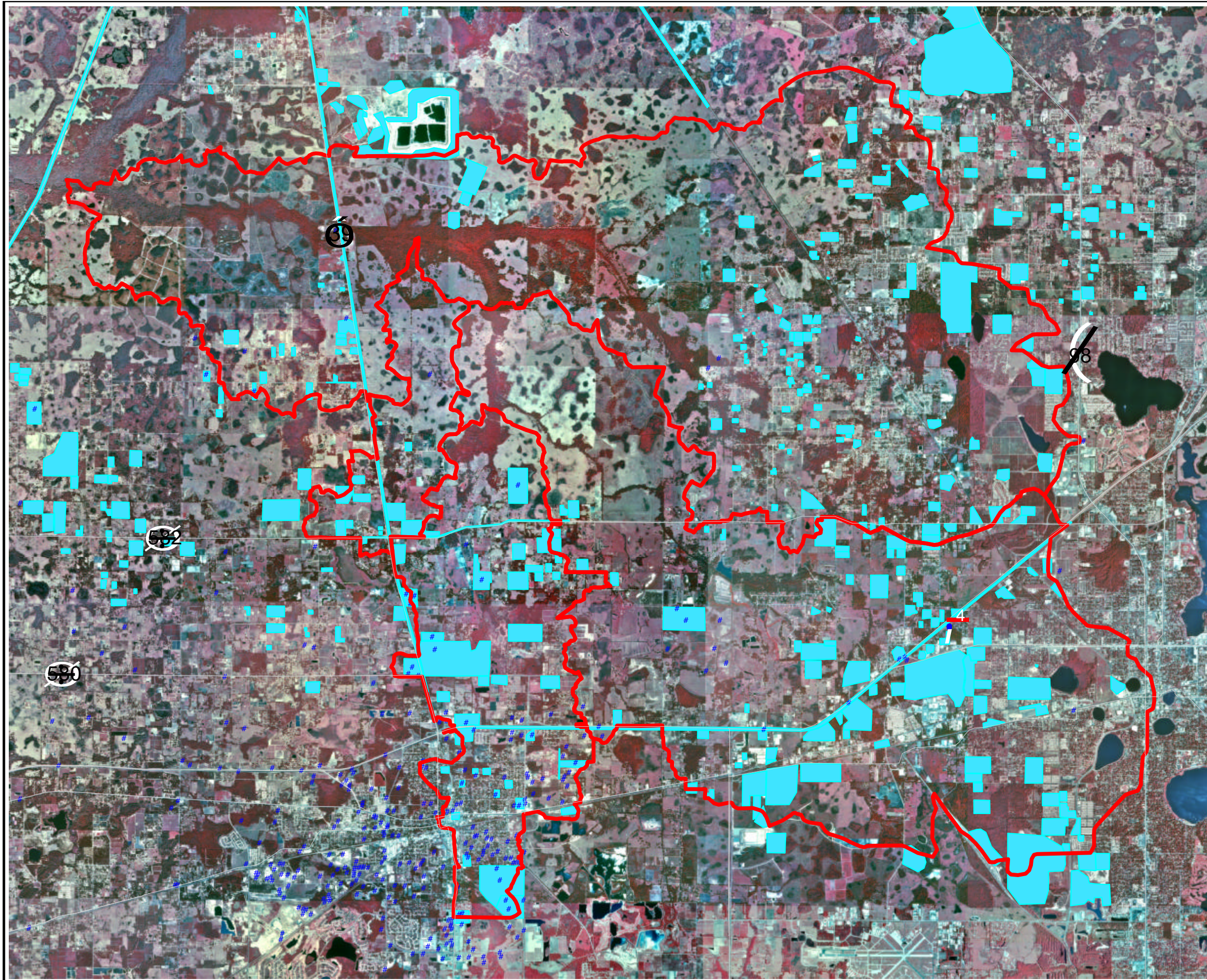
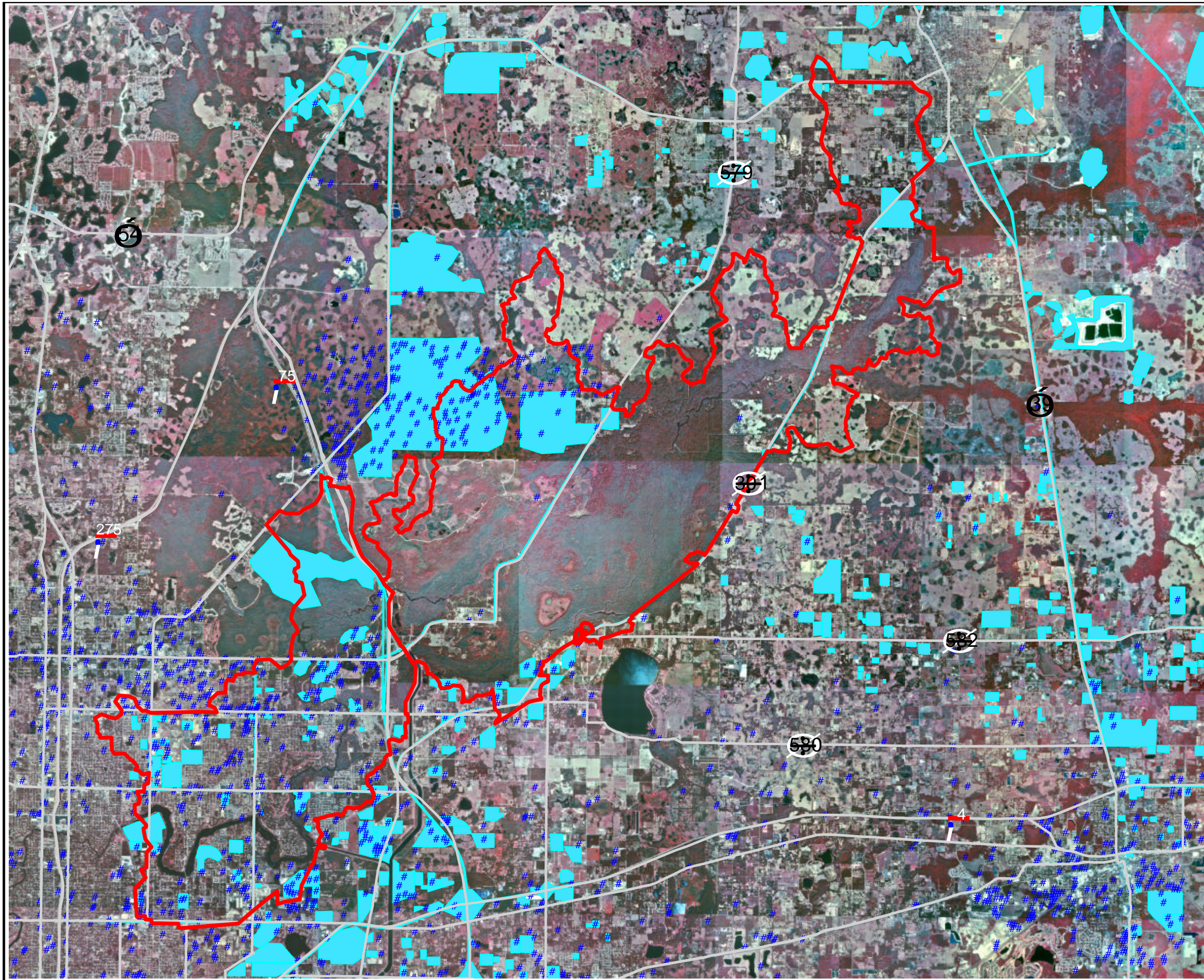






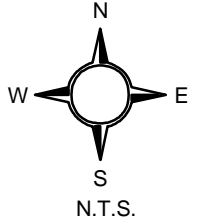
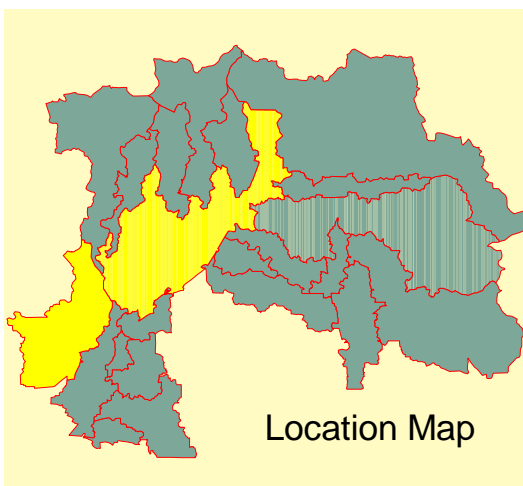
Figure 44



Treatment Area Locations in the Hillsborough River Region

Legend:

-  Major Roads
-  ERP Point Location
-  BMP Treatment Areas
-  Hillsborough River Region



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Figure 45

Treatment Area Locations in the Hillsborough River near Crystal Springs Region

Legend:

- Major Roads
- ERP Point Location
- BMP Treatment Areas
- Hillsborough River near Crystal Springs Region

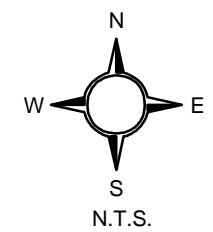
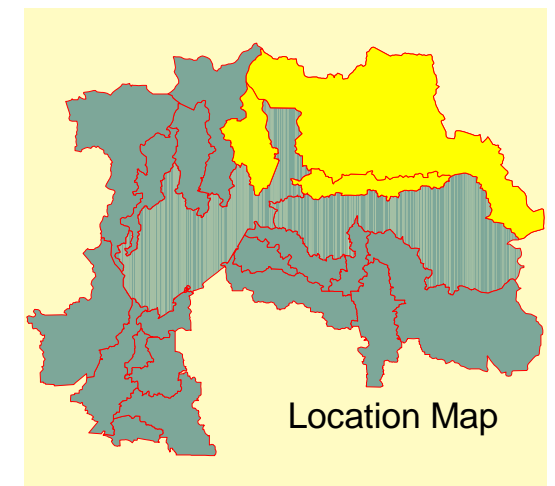
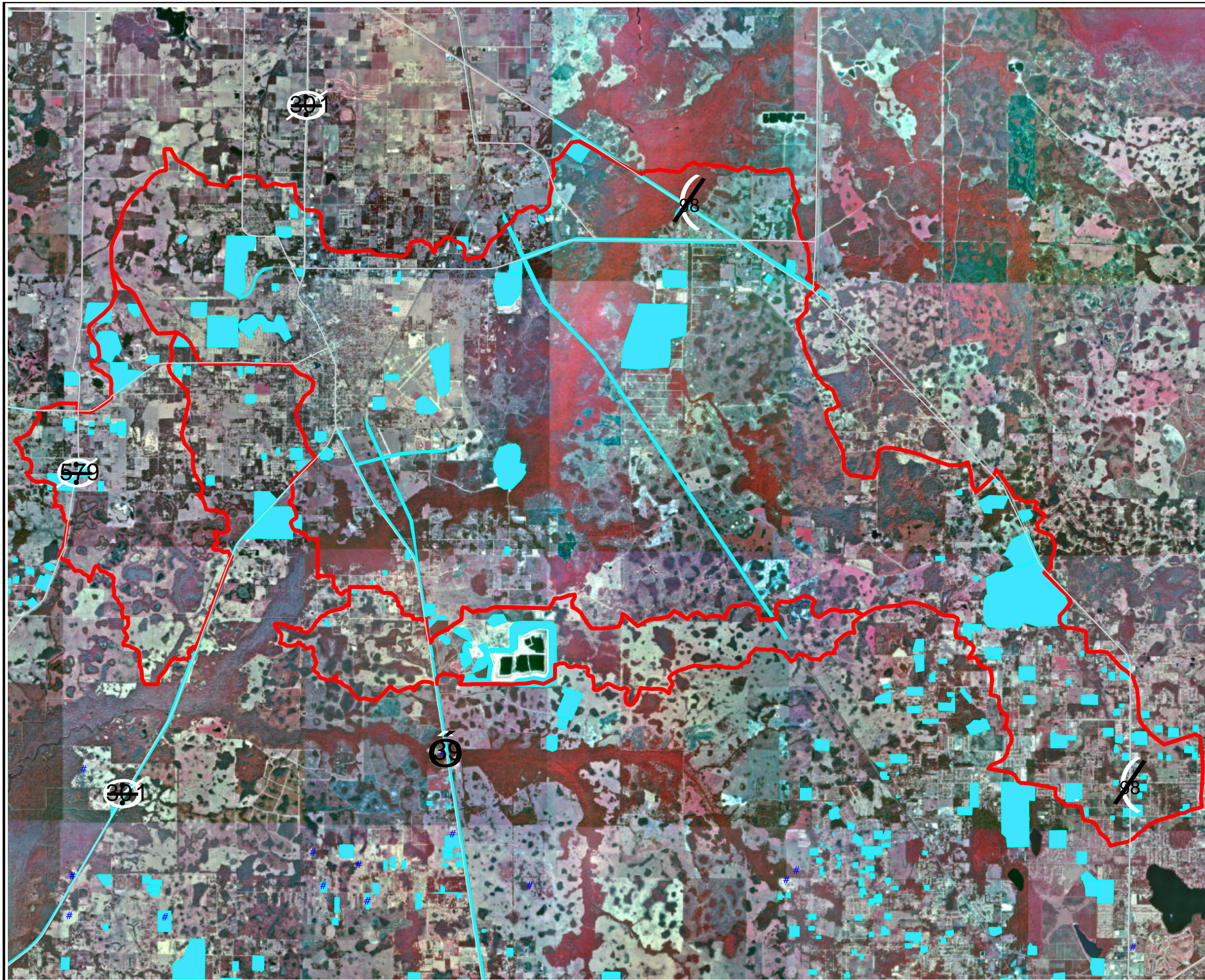


Figure 46



Treatment Area Locations in the Northwest Tributaries Region

Legend:

- Major Roads
- ERP Point Location
- BMP Treatment Areas
- Northwest Tributaries Region

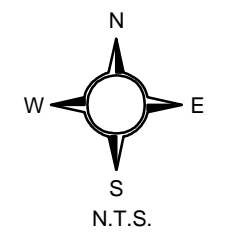
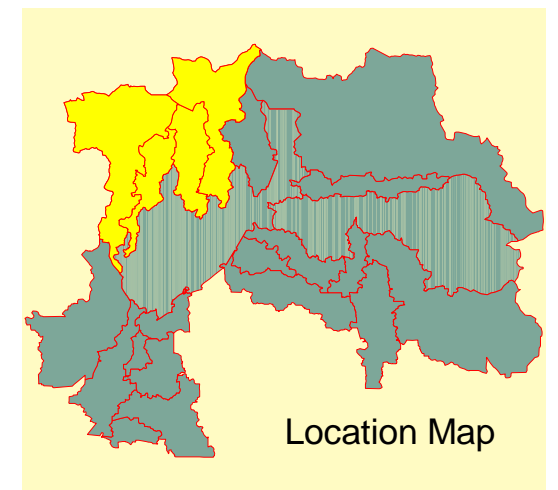
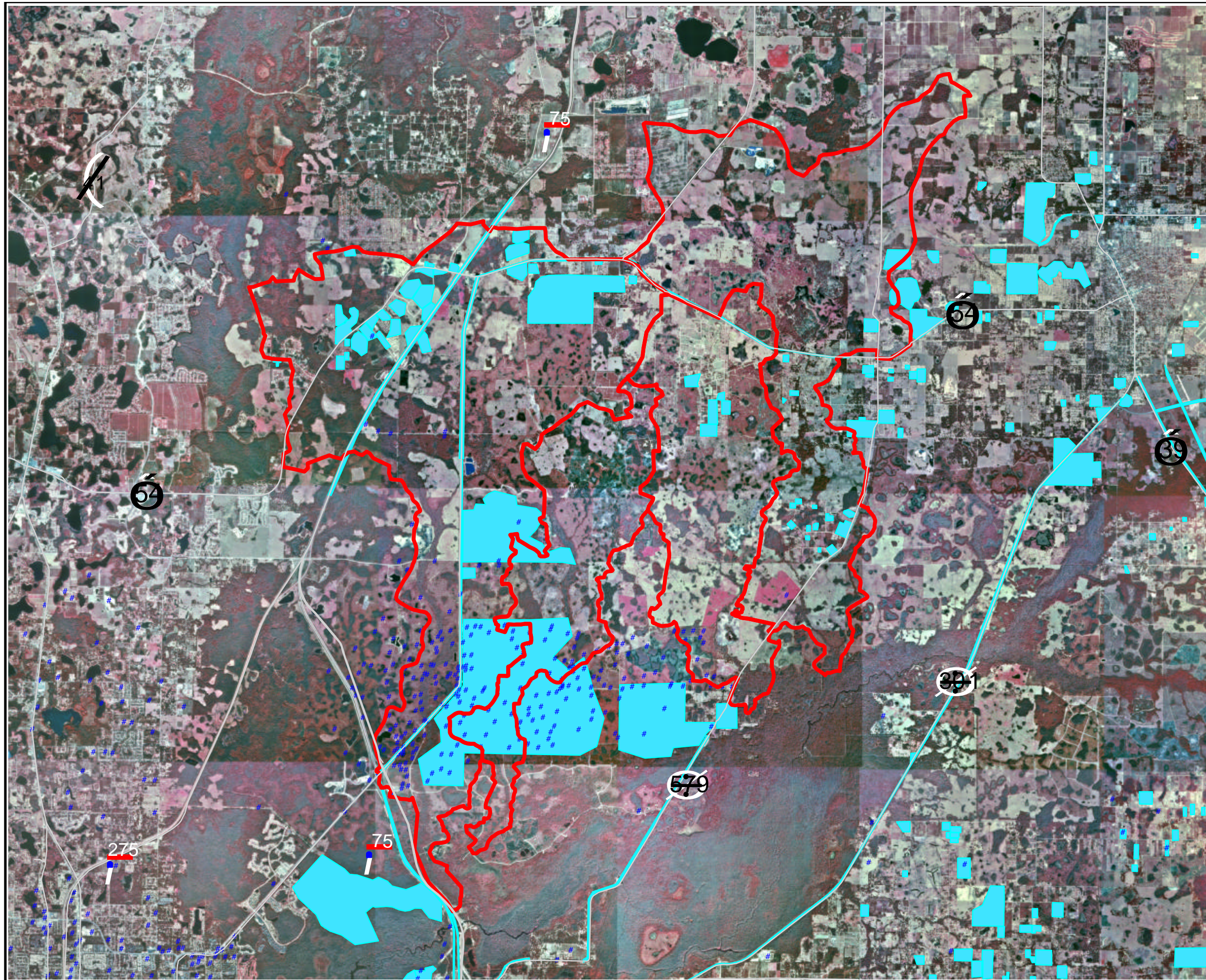


Figure 47



Treatment Area Locations in the Tampa Bypass Canal and Tributaries Region

Legend:

- Major Roads
- ERP Point Location
- BMP Treatment Areas
- Tampa Bypass Canal and Tributaries Region

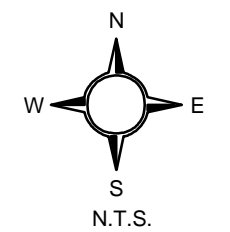
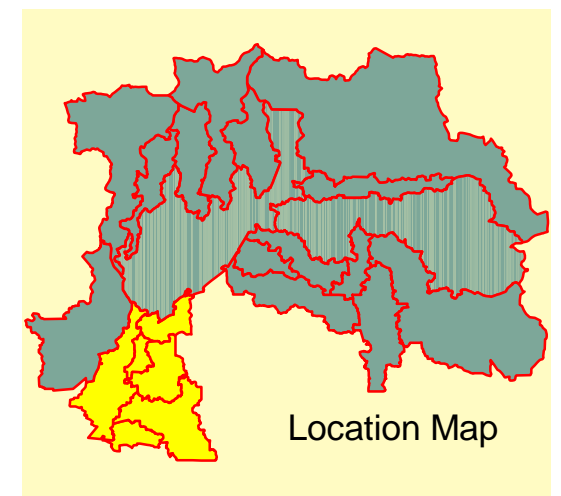
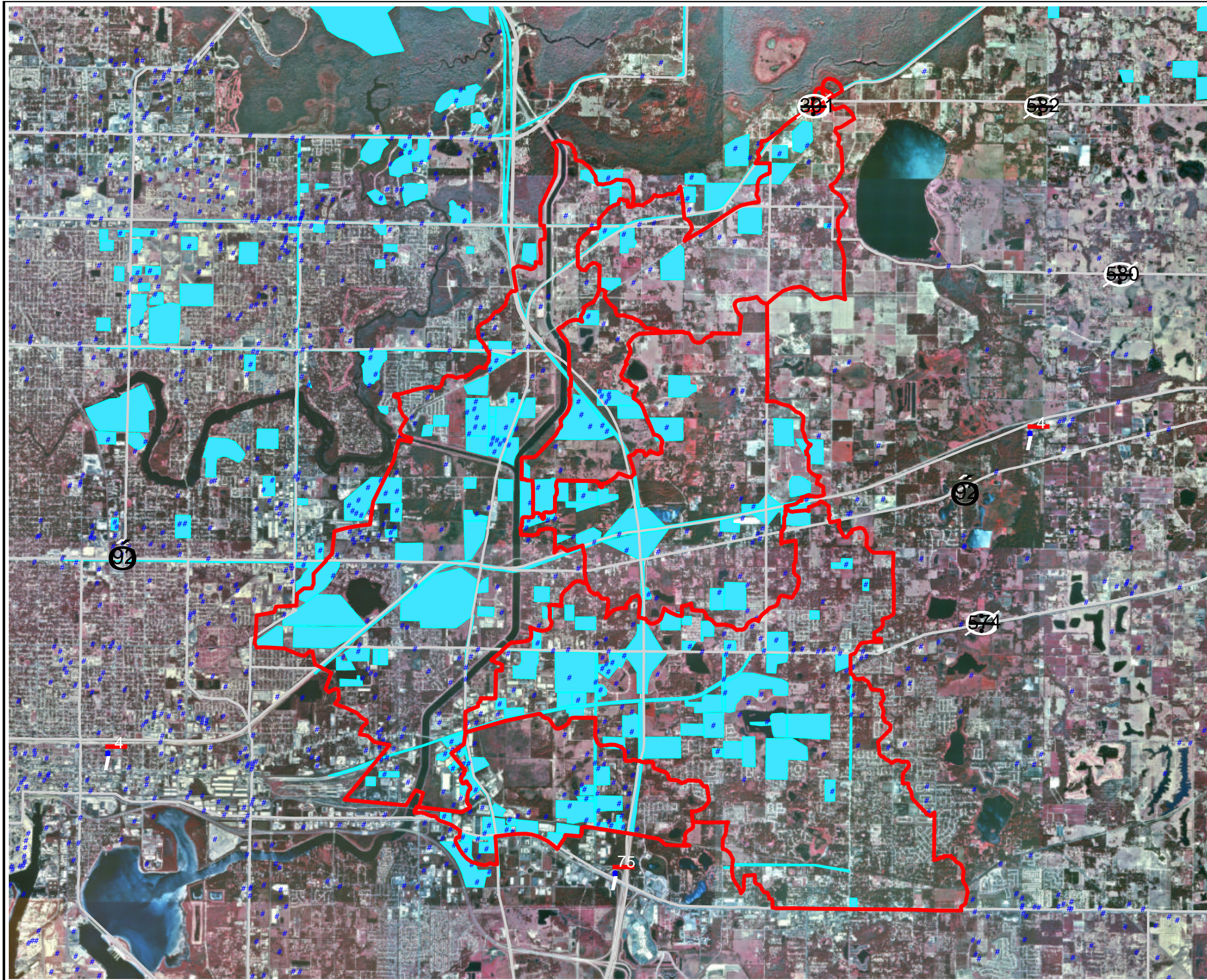













Figure 48



Pollutant Loading by Subbasin for Hillsborough River Watershed (lb/yr/acre): BOD5

Legend:

-  County Boundary
- Pollutant Loading (lb/yr/acre):**
-  0 - 5
-  5 - 9
-  9 - 12
-  12 - 15
-  15 - 19
-  19 - 23
-  23 - 28
-  28 - 34
-  34 - 40
-  40 - 154

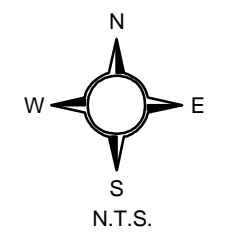
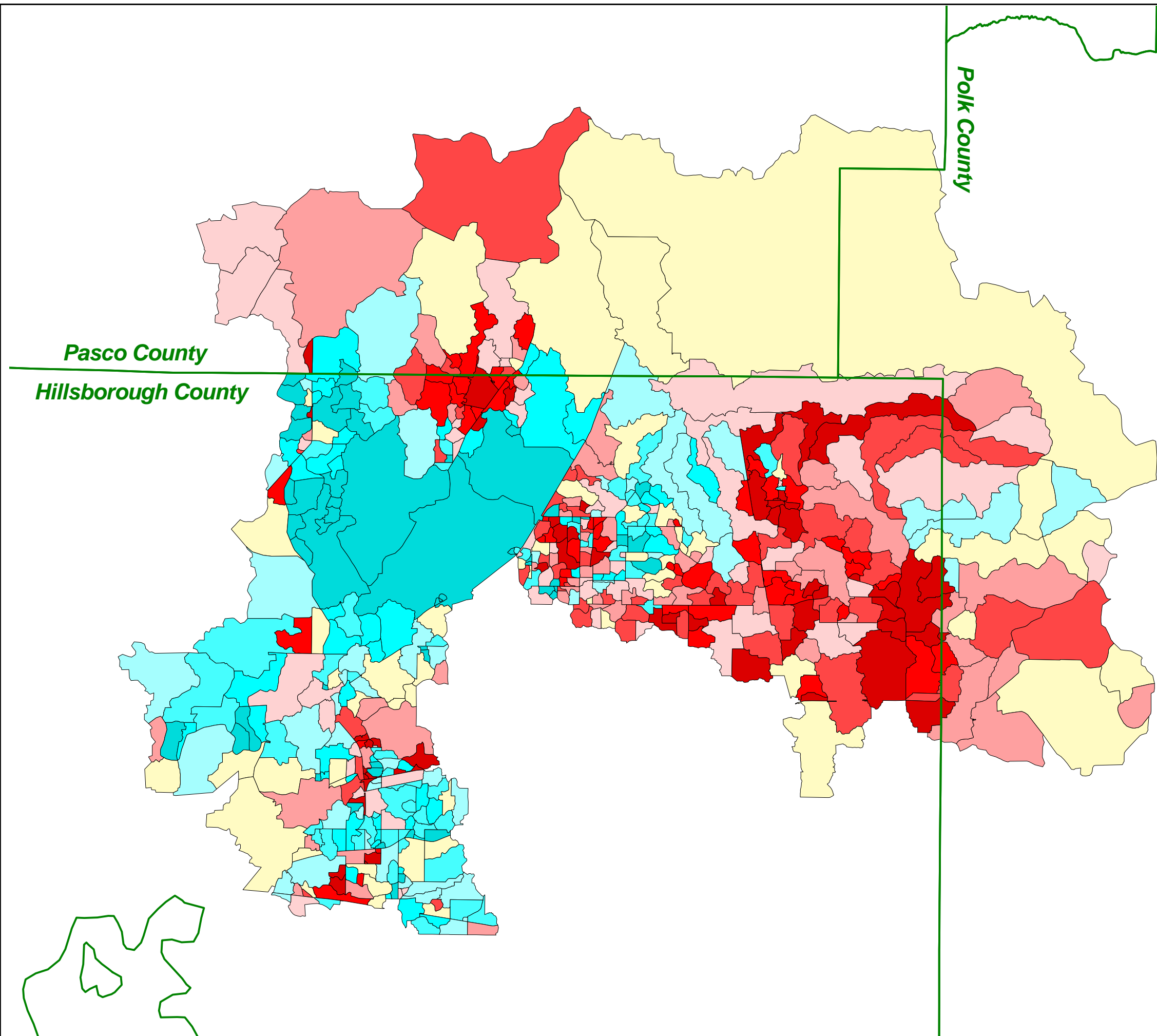











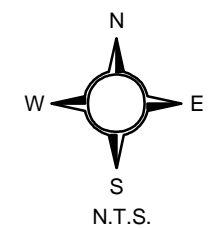
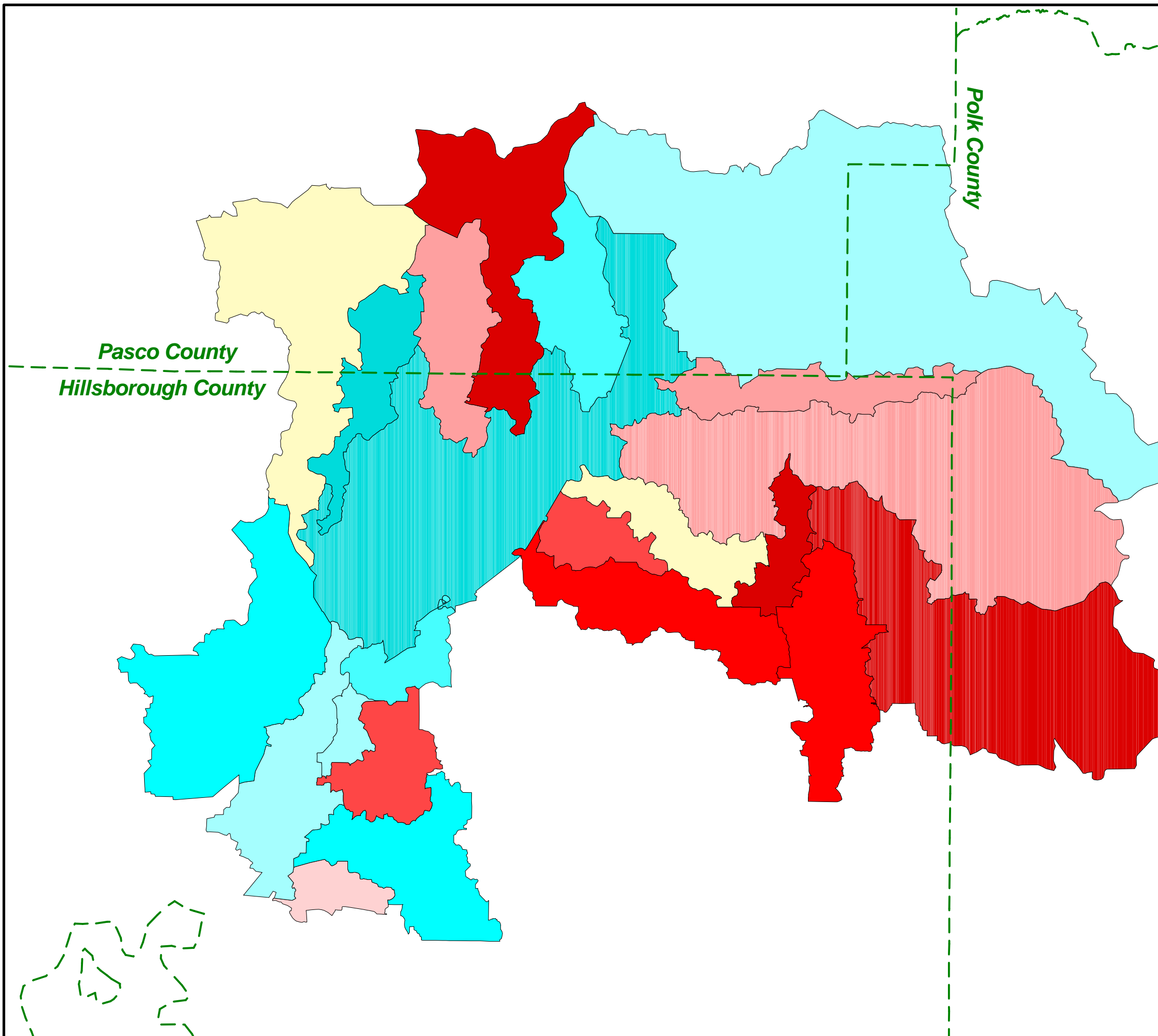


Figure 49

**Pollutant Loading by
Subwatershed for
Hillsborough River
Watershed (lb/yr/acre): BOD5**

Legend:

-  County Boundary
- Pollutant Loading (lb/yr/acre):
-  0 - 13
-  13 - 15
-  15 - 17
-  17 - 18
-  18 - 20
-  20 - 22
-  22 - 23
-  23 - 26
-  26 - 28
-  over 28














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Figure 50

Future Land Use
Pollutant Loading by
Subbasin for
Hillsborough River
Watershed (lb/yr/acre): BOD5

Legend:

-  County Boundary
- Pollutant Loading (lb/yr/acre):
 -  0 - 5
 -  5 - 9
 -  9 - 12
 -  12 - 15
 -  15 - 19
 -  19 - 23
 -  23 - 28
 -  28 - 34
 -  34 - 40
 -  over 40

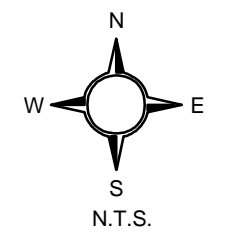
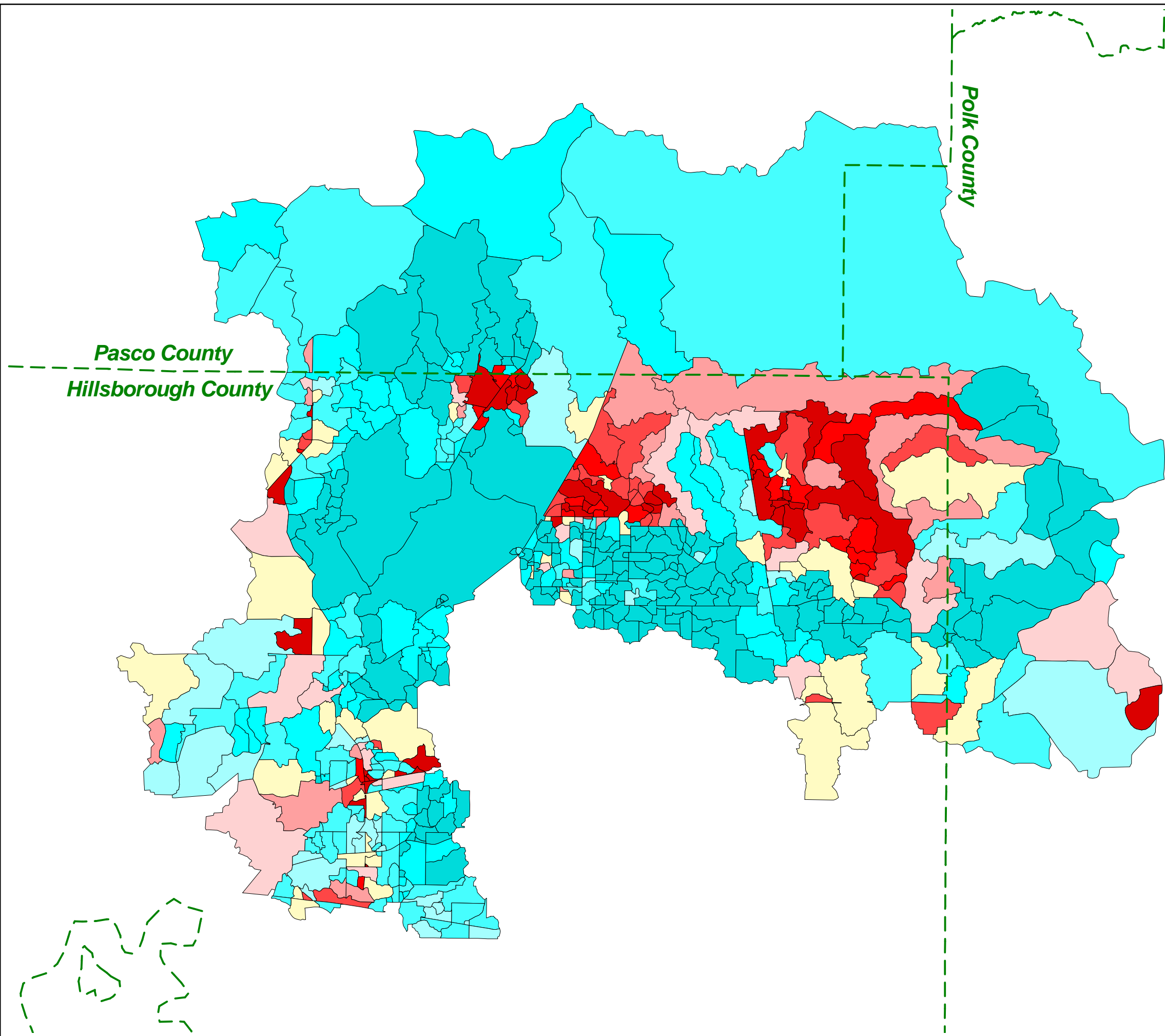













Figure 51

Future Land Use
Pollutant Loading by
Subwatershed for
Hillsborough River
Watershed (lb/yr/acre): BOD5

Legend:

-  County Boundary
- Pollutant Loading (lb/yr/acre):
-  0 - 13
-  13 - 15
-  15 - 17
-  17- 18
-  18 - 20
-  20 - 22
-  22 - 23
-  23 - 26
-  26 - 28
-  over 28

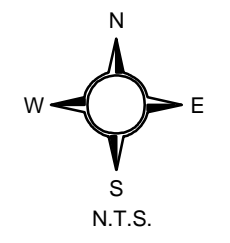
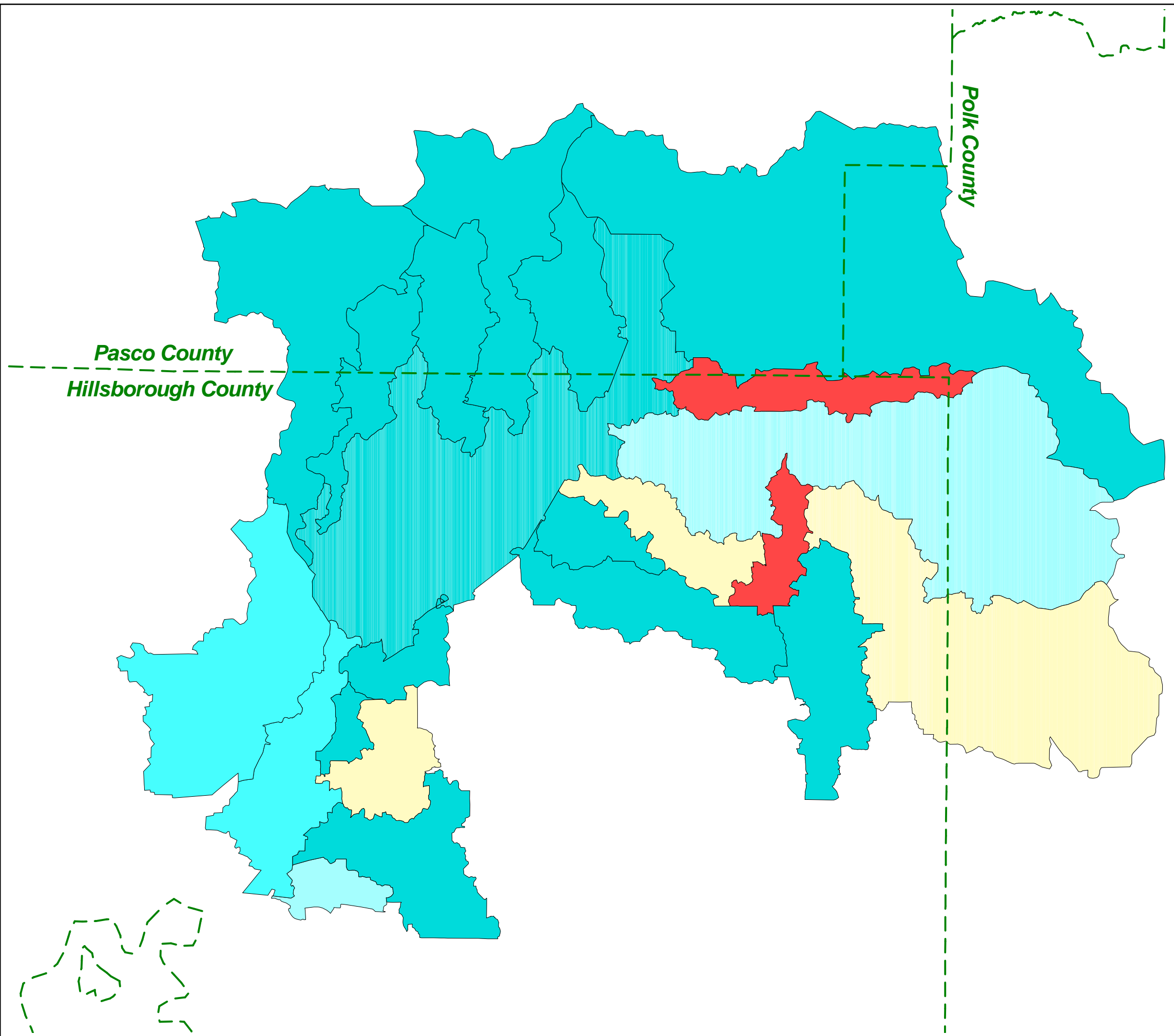









Figure 52

Pollutant Loading by Subbasin for Hillsborough River Watershed (lb/yr/acre): TSS

Legend:

 County Boundary
Pollutant Loading (lb/yr/acre):

-  0 - 14
-  14 - 21
-  21 - 26
-  26 - 29
-  29 - 33
-  33 - 39
-  39 - 49
-  49 - 70
-  70 - 108
-  108 - 961

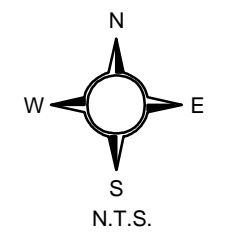
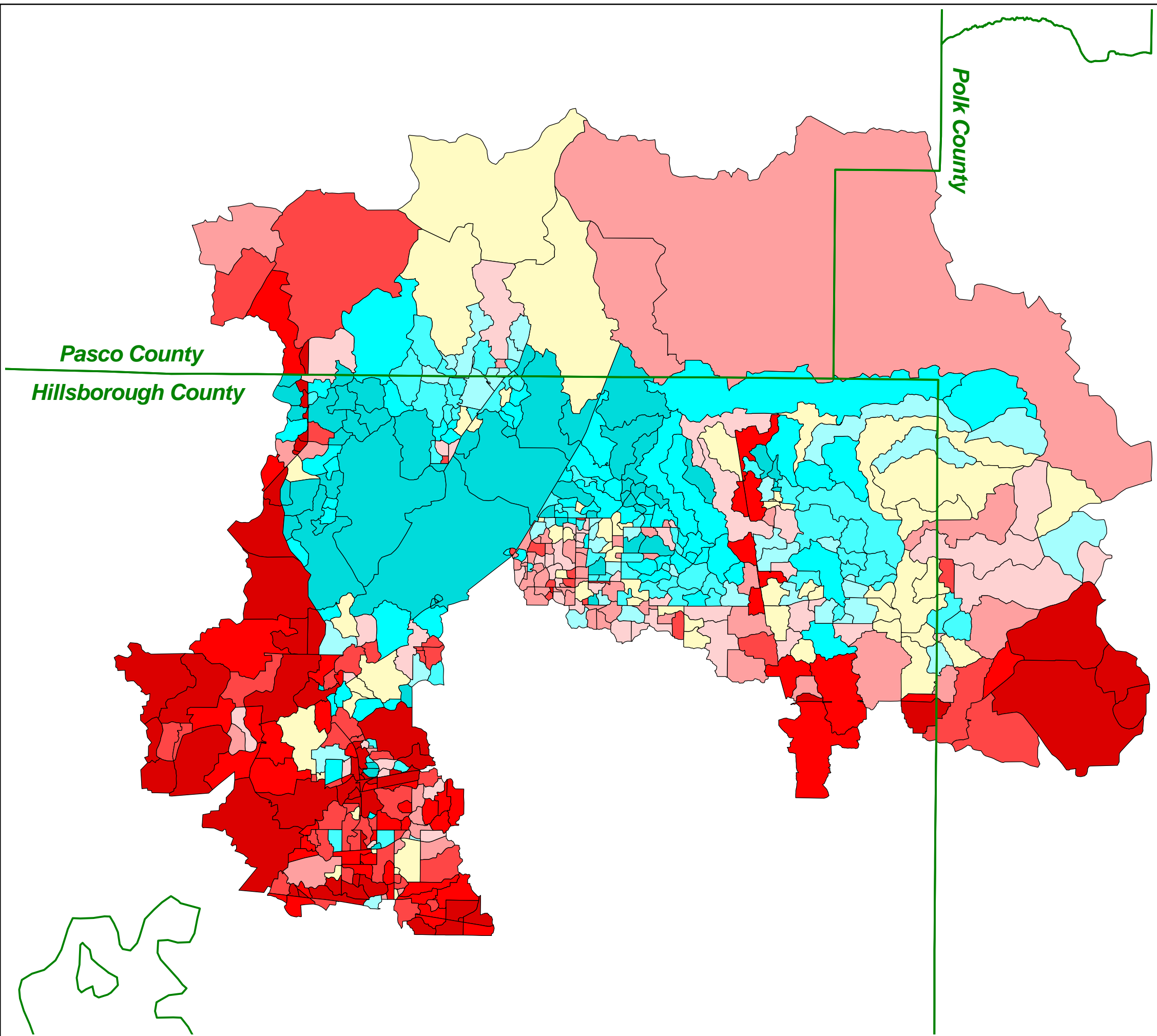











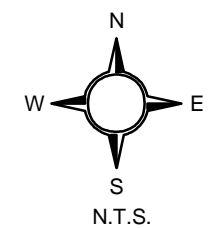
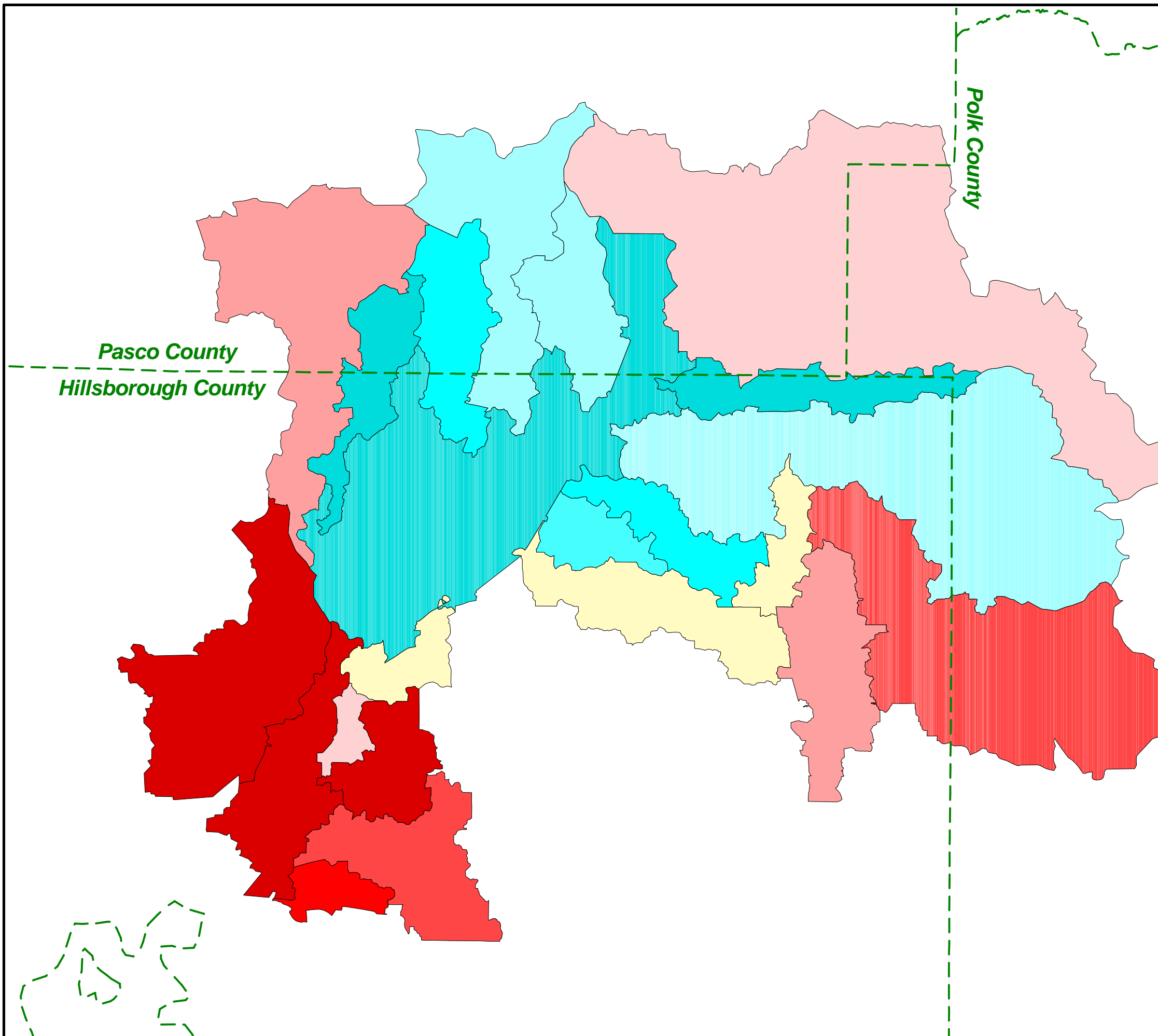


Figure 53

**Pollutant Loading by
Subwatershed for
Hillsborough River
Watershed (lb/yr/acre): TSS**

Legend:

-  County Boundary
- Pollutant Loading (lb/yr/acre):
-  0 - 20
 -  20 - 27
 -  27 - 30
 -  30 - 35
 -  35 - 37
 -  37 - 50
 -  50 - 66
 -  66 - 89
 -  89 - 108
 -  over 108




AYRES
ASSOCIATES













Figure 54

Future Land Use
Pollutant Loading by
Subbasin for
Hillsborough River
Watershed (lb/yr/acre): TSS

Legend:

 County Boundary

Pollutant Loading (lb/yr/acre):

	0 - 14
	14 - 21
	21 - 26
	26 - 29
	29 - 33
	33 - 39
	39 - 49
	49 - 70
	70 - 108
	108 - 961

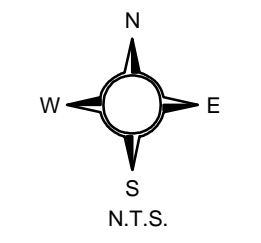
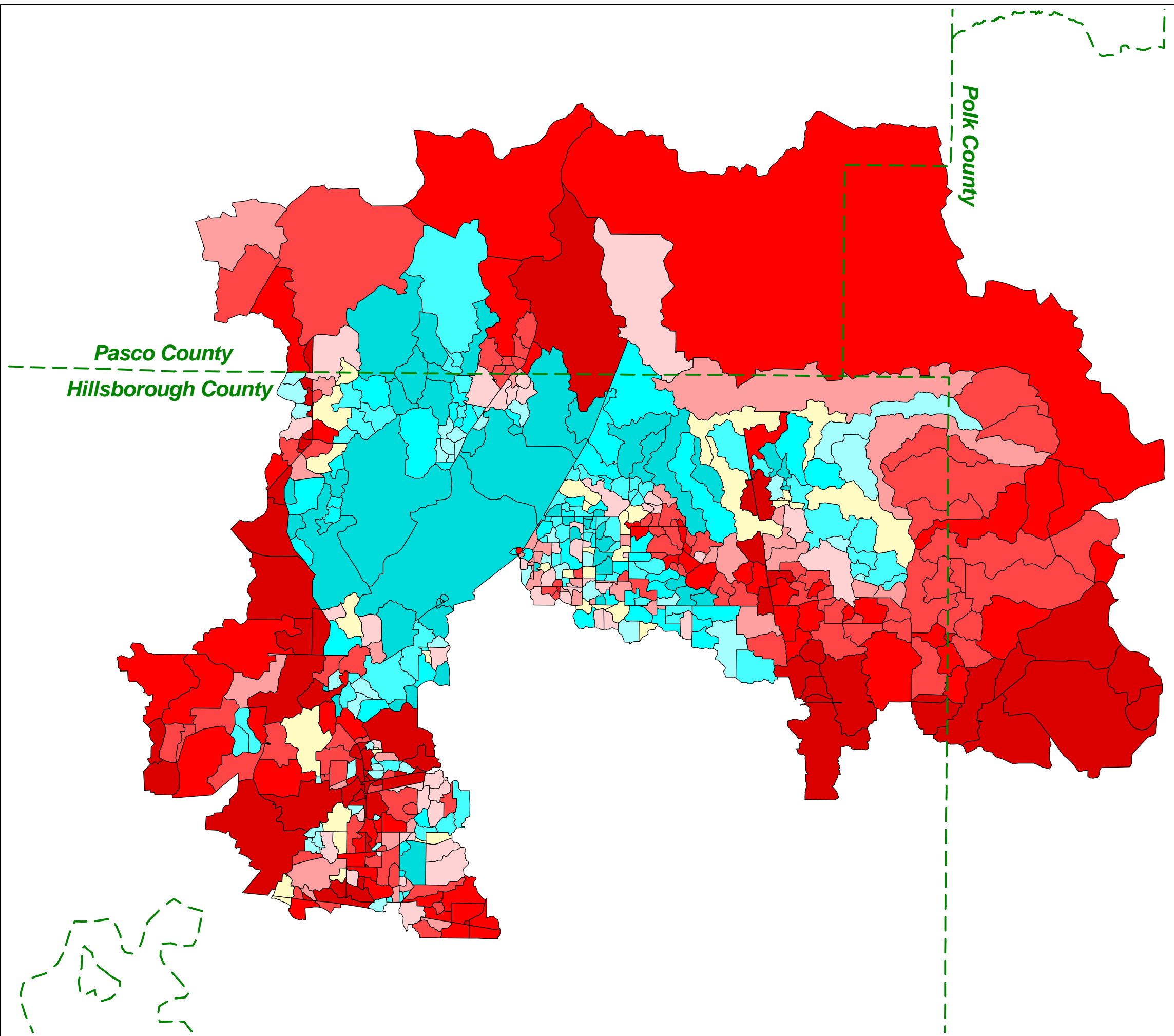













Figure 55

Future Land Use
Pollutant Loading by
Subwatershed for
Hillsborough River
Watershed (lb/yr/acre): TSS

Legend:

 County Boundary

Pollutant Loading (lb/yr/acre):

-  0 - 20
-  20 - 27
-  27 - 30
-  30 - 35
-  35 - 37
-  37 - 50
-  50 - 66
-  66 - 89
-  89 - 108
-  108 - 137

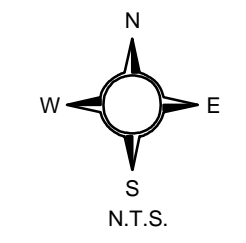
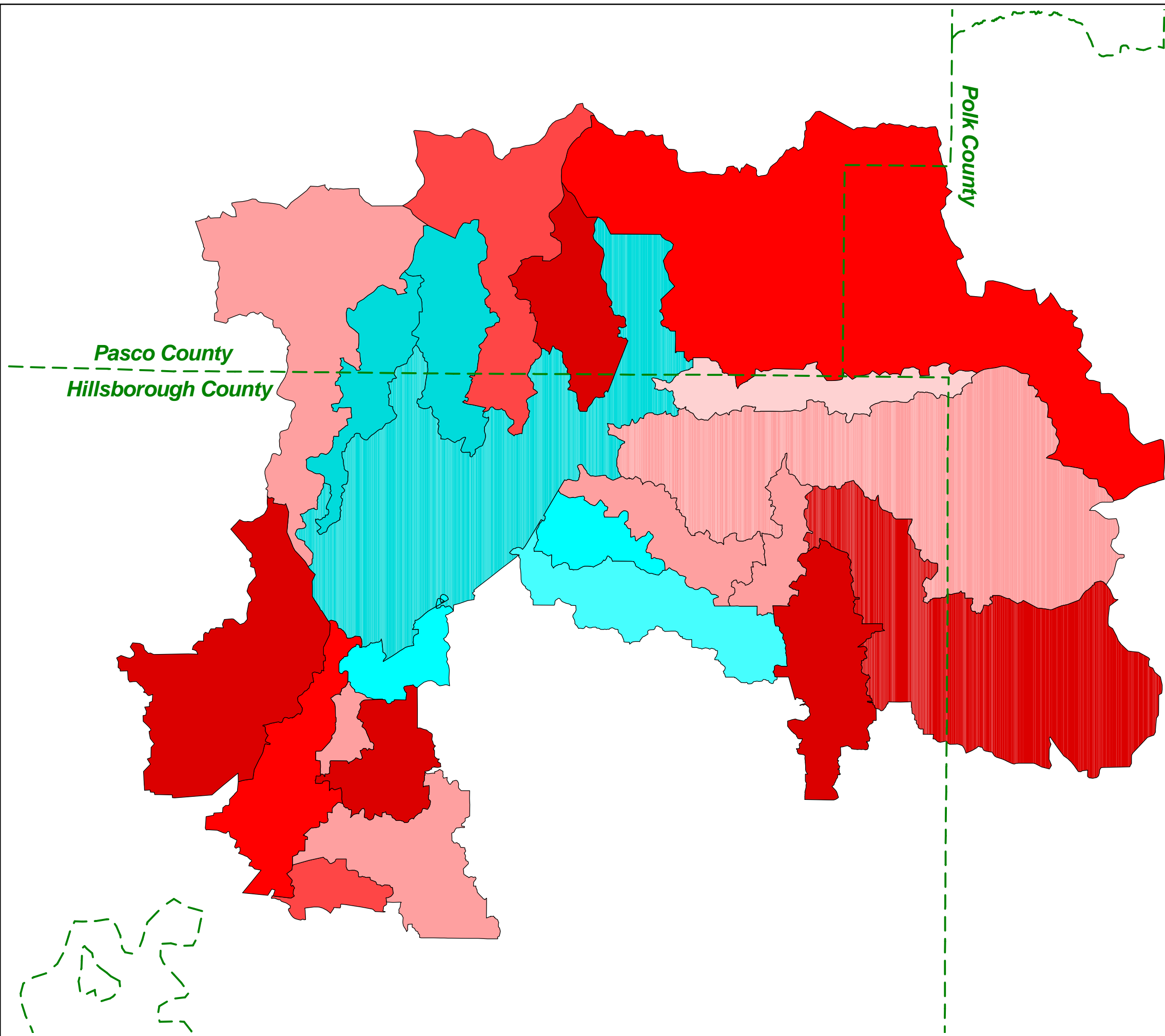

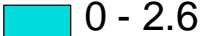
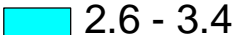
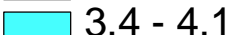
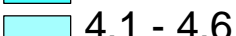

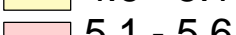
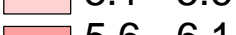

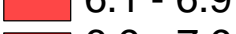
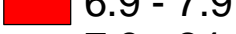


Figure 56

Pollutant Loading by Subbasin for Hillsborough River Watershed (lb/yr/acre): TN

Legend:

 County Boundary
Pollutant Loading (lb/yr/acre):

-  0 - 2.6
-  2.6 - 3.4
-  3.4 - 4.1
-  4.1 - 4.6
-  4.6 - 5.1
-  5.1 - 5.6
-  5.6 - 6.1
-  6.1 - 6.9
-  6.9 - 7.9
-  7.9 - 24.6

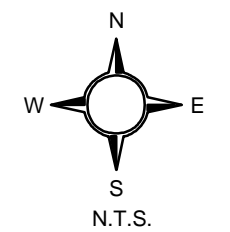
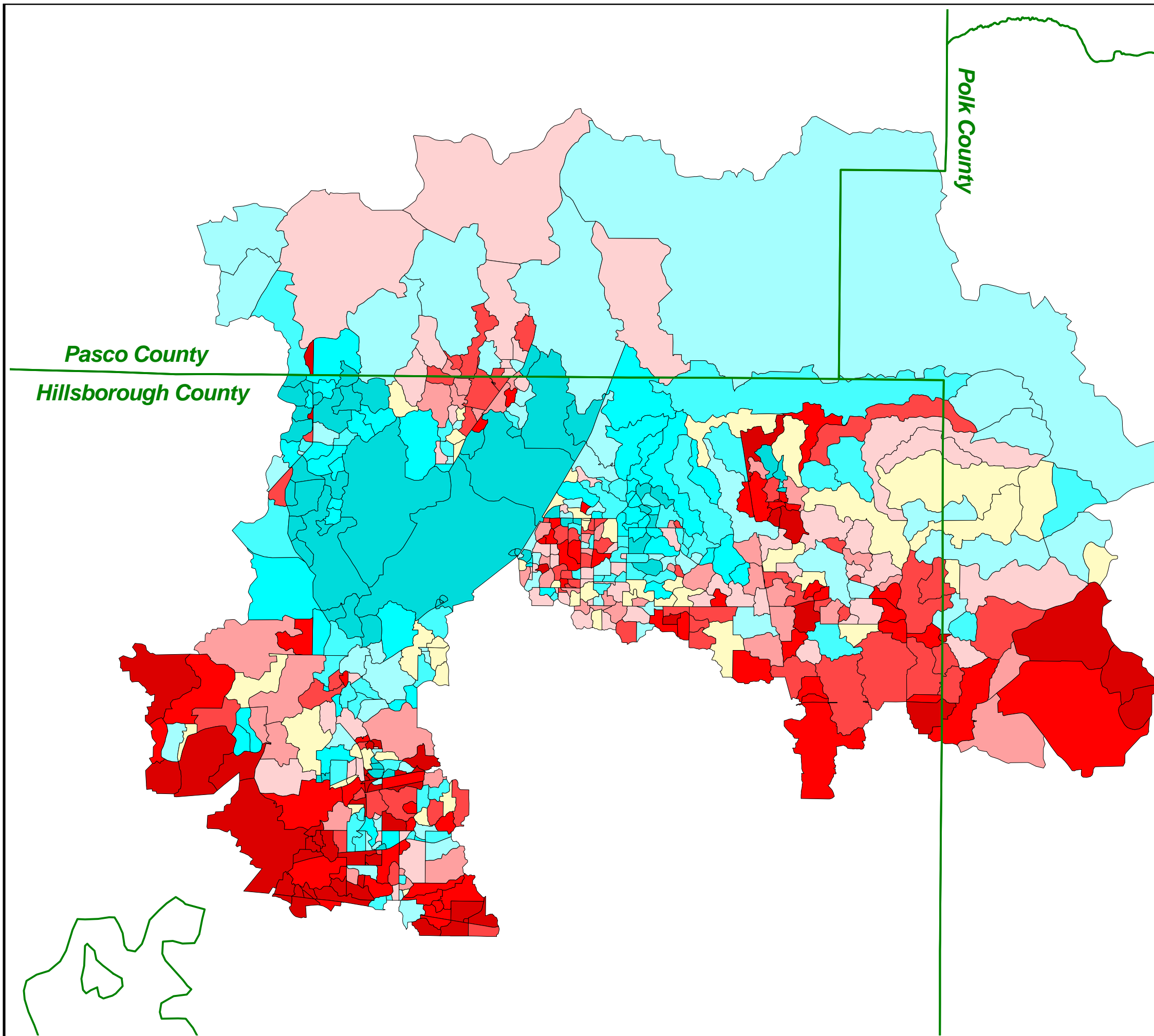













Figure 57

Pollutant Loading by Subwatershed for Hillsborough River Watershed (lb/yr/acre): TN

Legend:

-  County Boundary
- Pollutant Loading (lb/yr/acre):**
-  0 - 3.4
-  3.4 - 4.0
-  4.0 - 4.4
-  4.4 - 4.5
-  4.5 - 5.0
-  5.0 - 5.4
-  5.4 - 6.0
-  6.0 - 6.4
-  6.4 - 6.7
-  over 6.7

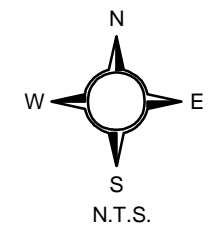
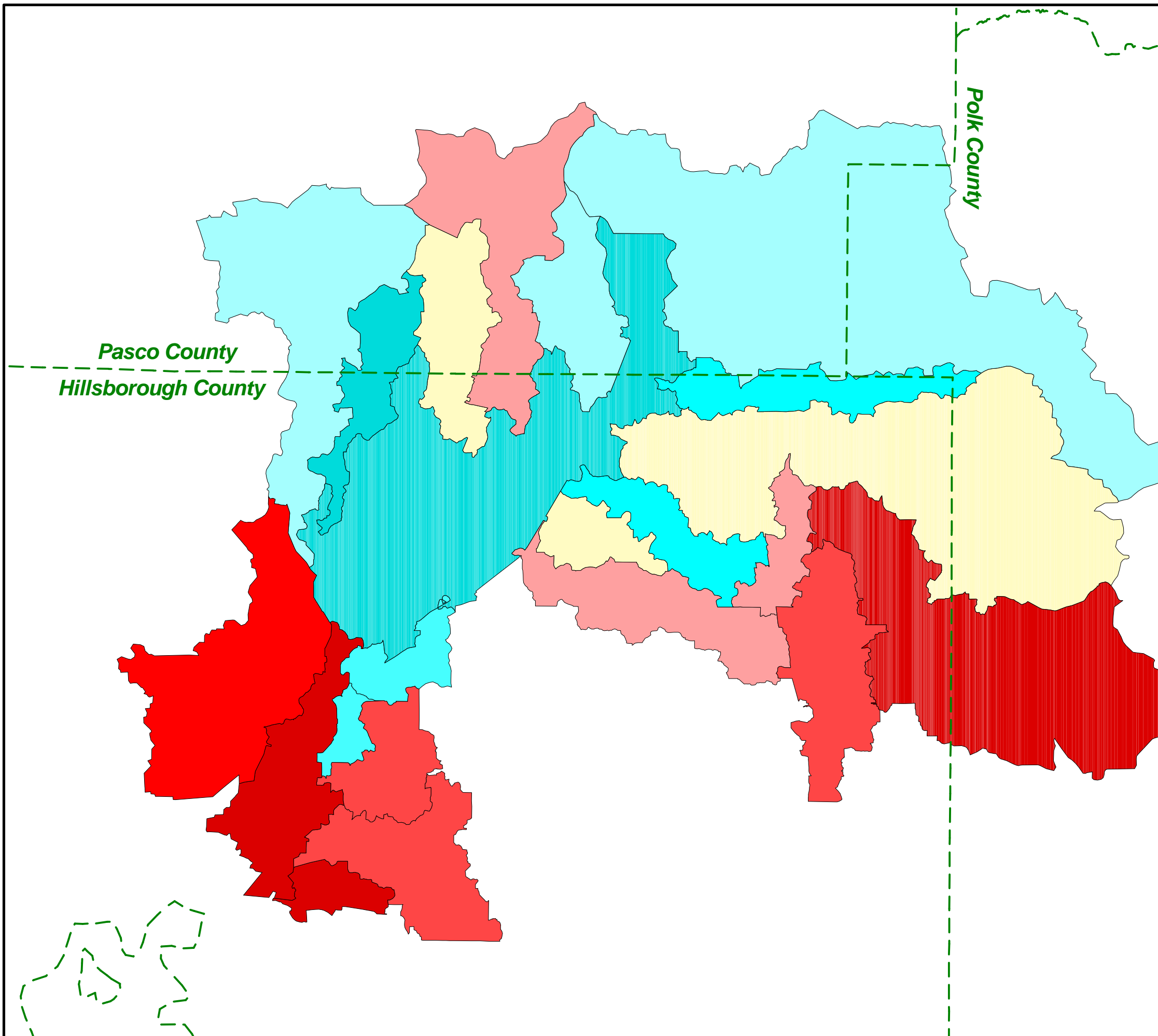













Figure 58

Future Land Use
Pollutant Loading by
Subbasin for
Hillsborough River
Watershed (lb/yr/acre): TN

Legend:

-  County Boundary
- Pollutant Loading (lb/yr/acre):
-  0-2.6
-  2.6 - 3.4
-  3.4 - 4.1
-  4.1 - 4.6
-  4.6 - 5.1
-  5.1 - 5.6
-  5.6 - 6.1
-  6.1 - 6.9
-  6.9 - 7.9
-  7.9 - 24.6

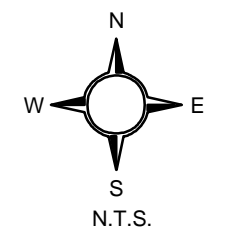
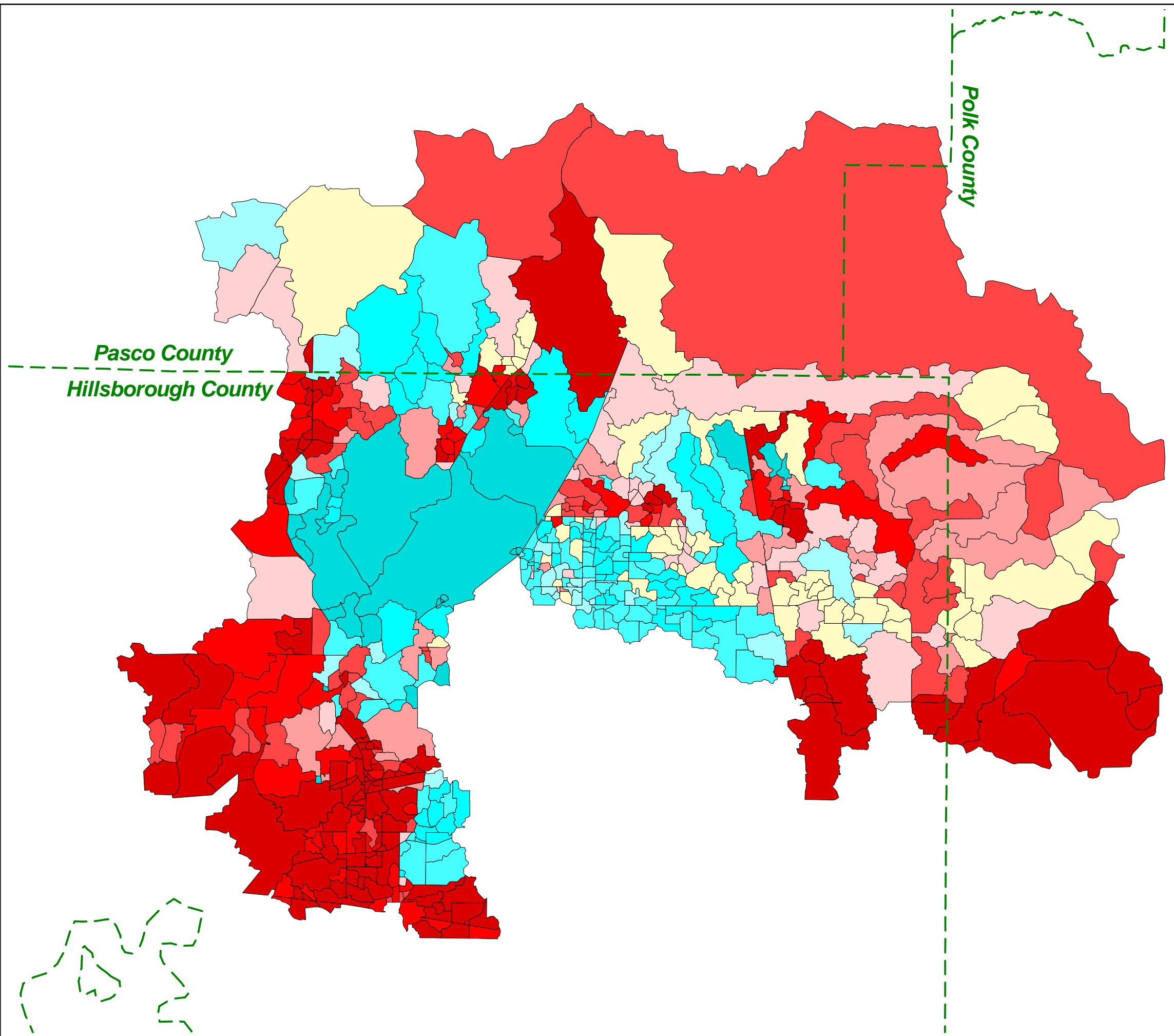













Figure 59

Future Land Use
Pollutant Loading by
Subwatershed for
Hillsborough River
Watershed (lb/yr/acre): TN

Legend:

-  County Boundary
- Pollutant Loading (lb/yr/acre):
-  0 - 3.4
-  3.4 - 4.0
-  4.0 - 4.4
-  4.4 - 4.5
-  4.5 - 5.0
-  5.0 - 5.4
-  5.4 - 6.0
-  6.0 - 6.4
-  6.4 - 6.7
-  6.7 - 8.6

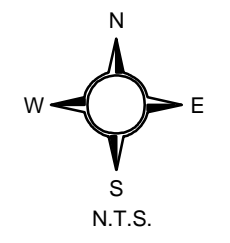
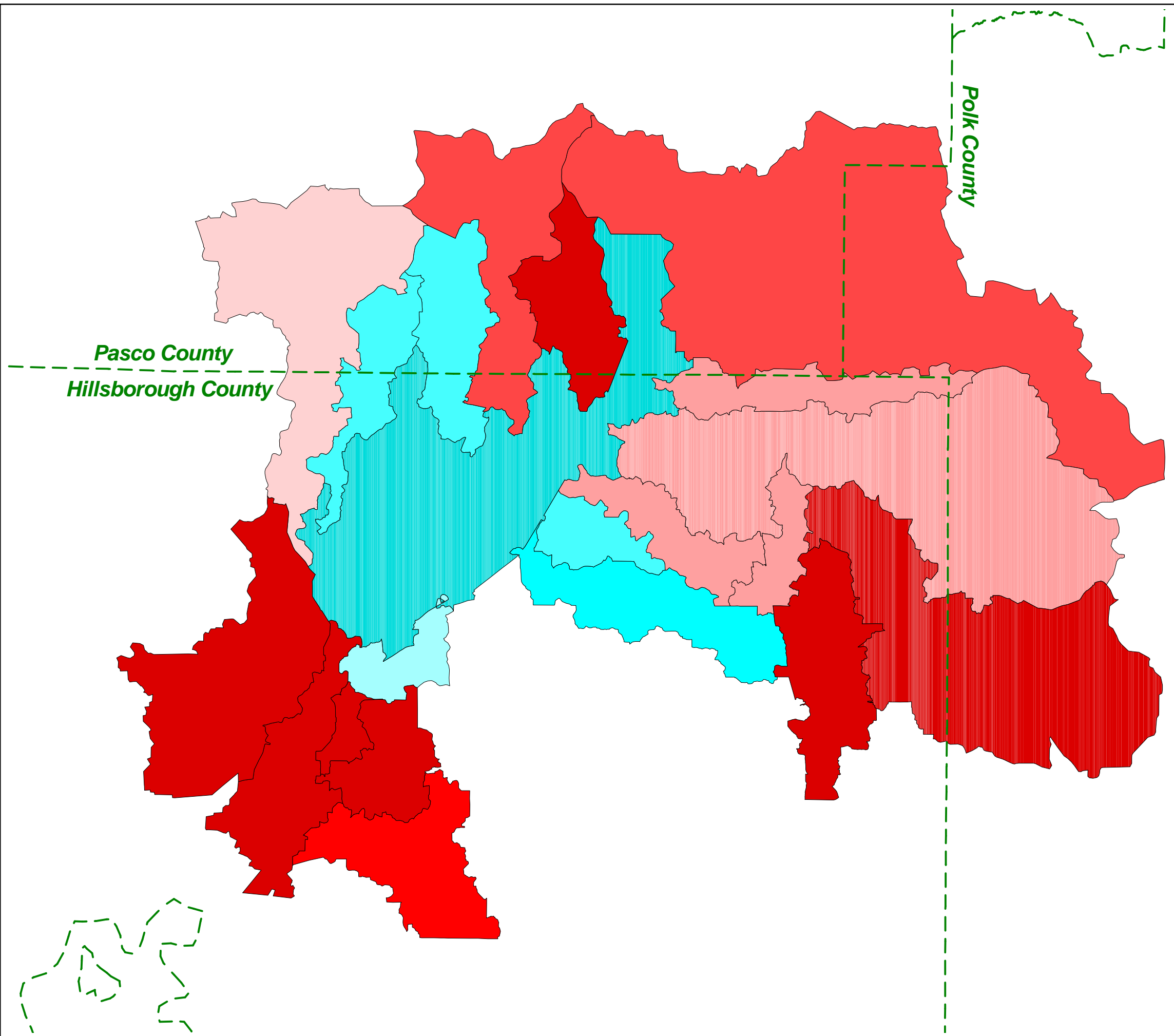













Figure 60

Pollutant Loading by Subbasin for Hillsborough River Watershed (lb/yr/acre): NO3NO2

Legend:

 County Boundary

Pollutant Loading (lb/yr/acre):

	0 - 0.5
	0.5 - 0.7
	0.7 - 0.9
	0.9 - 1.1
	1.1 - 1.2
	1.2 - 1.3
	1.3 - 1.5
	1.5 - 1.7
	1.7 - 1.9
	1.9 - 6.6

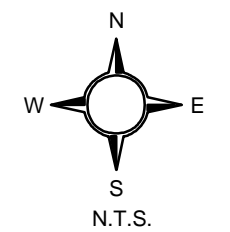
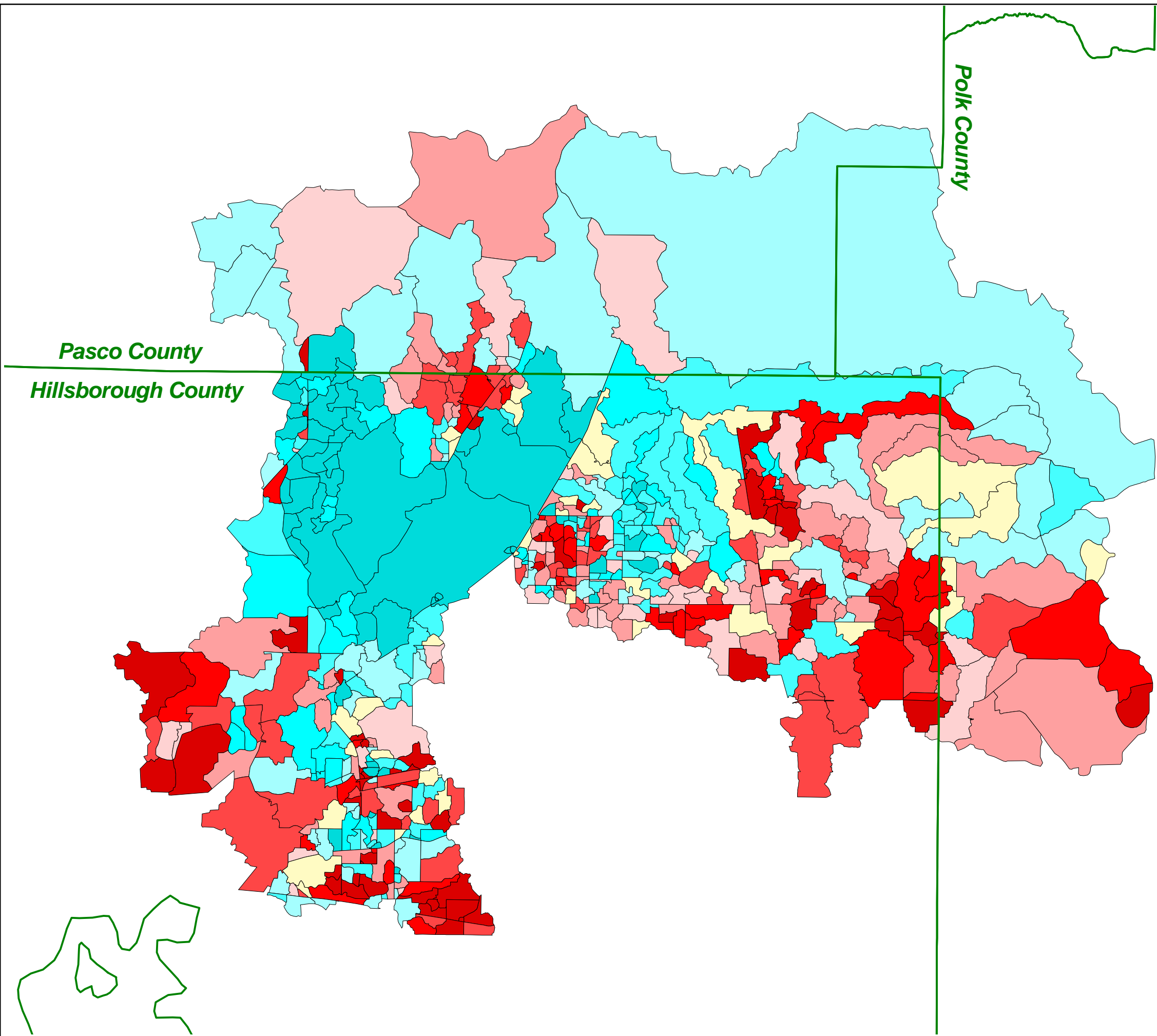













Figure 61

Pollutant Loading by Subwatershed for Hillsborough River Watershed (lb/yr/acre): NO3NO2

Legend:

-  County Boundary
- Pollutant Loading (lb/yr/acre):**
-  0 - 0.80
-  0.80 - 0.92
-  0.92 - 0.99
-  0.99 - 1.05
-  1.05 - 1.22
-  1.22 - 1.32
-  1.32 - 1.40
-  1.40 - 1.42
-  1.42 - 1.48
-  1.48 - 1.56

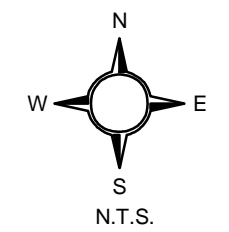
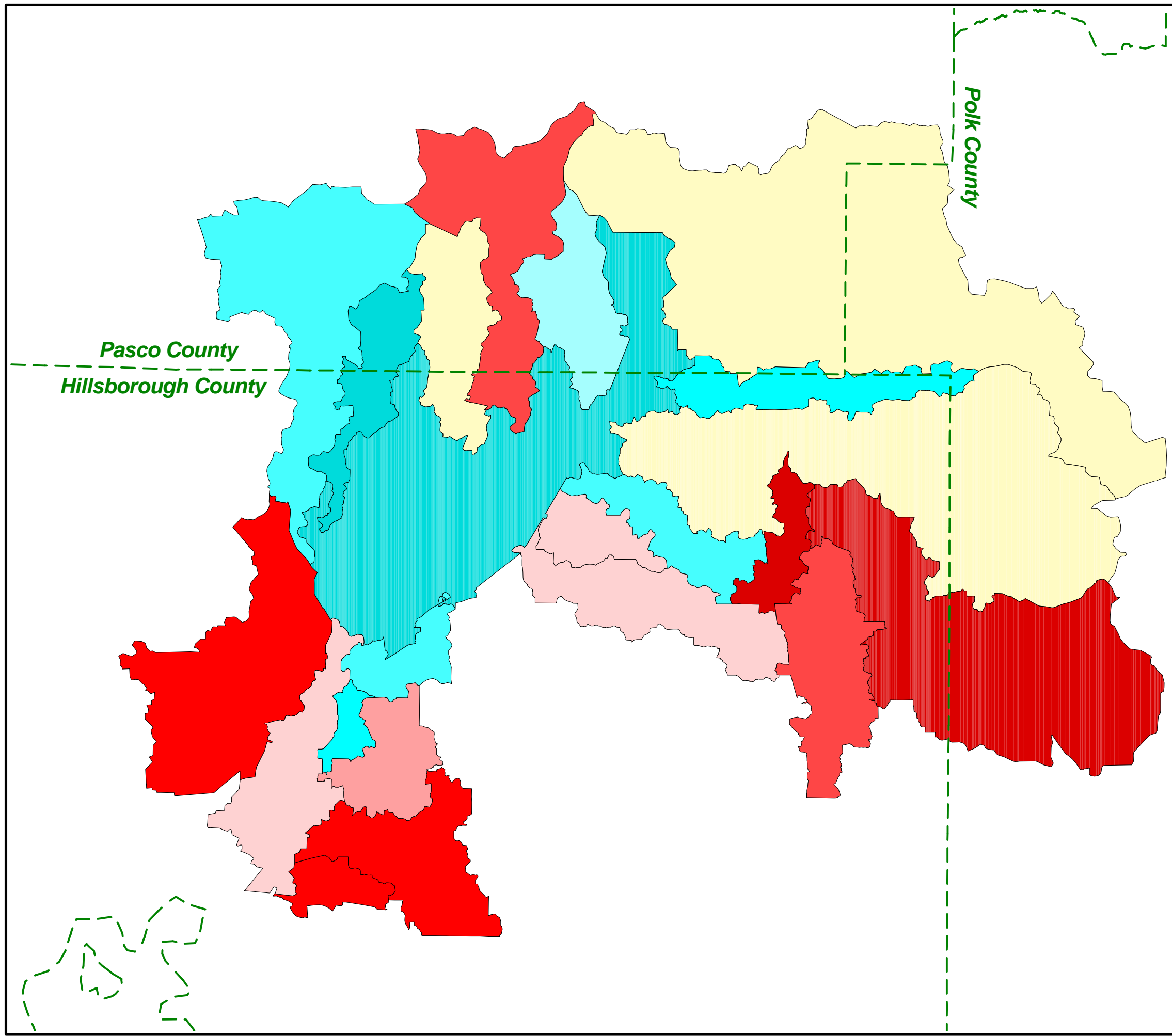


Figure 62

Future Land Use
Pollutant Loading by
Subbasin for
Hillsborough River
Watershed (lb/yr/acre): NO3NO2

Legend:

- County Boundary
- Pollutant Loading (lb/yr/acre):
 - 0 - 0.5
 - 0.5 - 0.7
 - 0.7 - 0.9
 - 0.9 - 1.1
 - 1.1 - 1.2
 - 1.2 - 1.3
 - 1.3 - 1.5
 - 1.5 - 1.7
 - 1.7 - 1.9
 - over 1.9

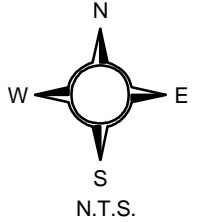
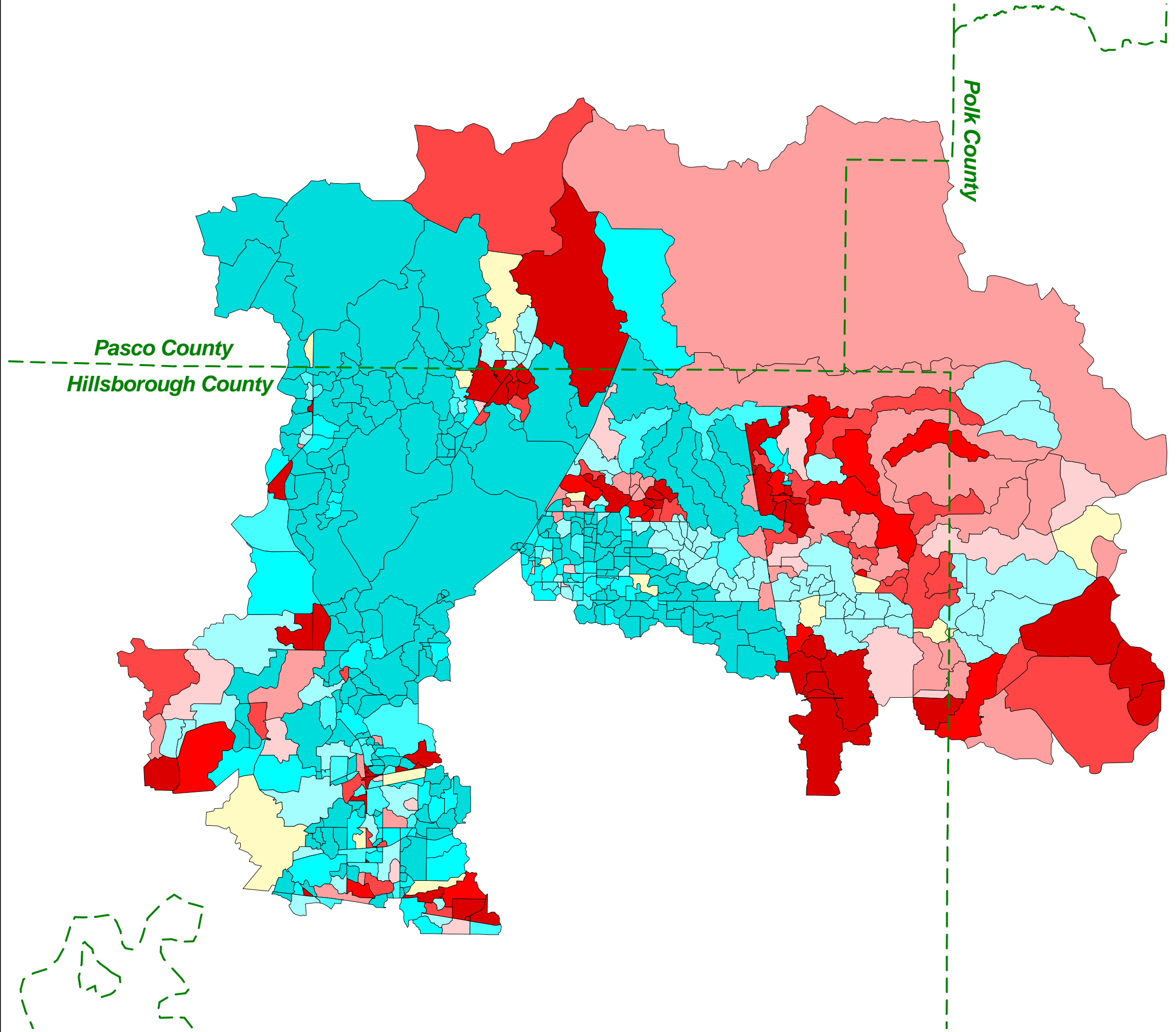


Figure 63

Future Land Use
Pollutant Loading by
Subwatershed for
Hillsborough River
Watershed (lb/yr/acre): NO3NO2

Legend:

- County Boundary
- Pollutant Loading (lb/yr/acre):
 - 0 - 0.8
 - 0.80 - 0.92
 - 0.92 - 0.99
 - 0.99 - 1.05
 - 1.05 - 1.22
 - 1.22 - 1.32
 - 1.32 - 1.40
 - 1.40 - 1.42
 - 1.42 - 1.48
 - over 1.48

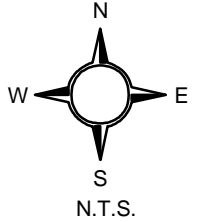
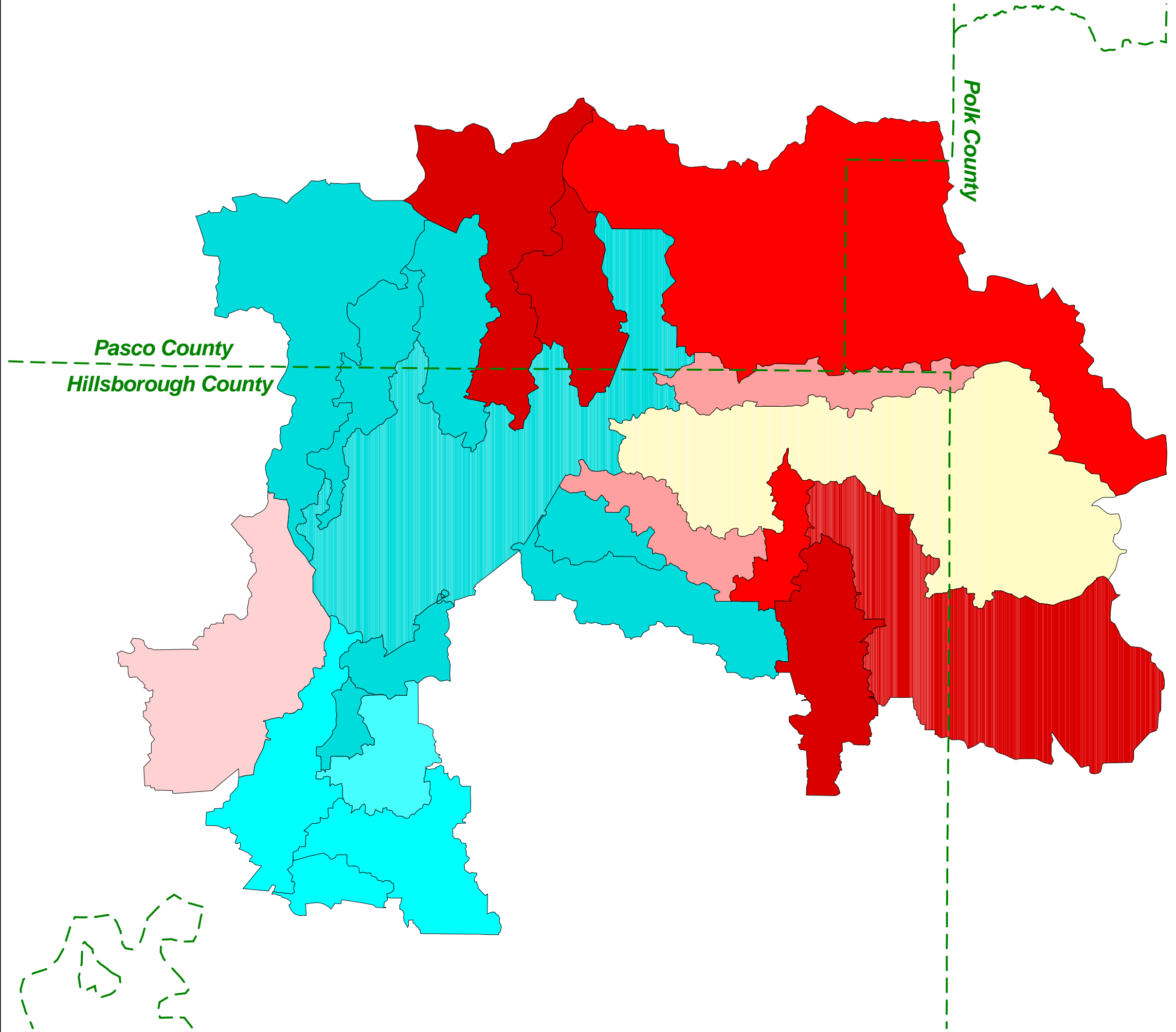













Figure 64

Pollutant Loading by Subbasin for Hillsborough River Watershed (lb/yr/acre): TKN

Legend:

 County Boundary
Pollutant Loading (lb/yr/acre):

-  0 - 2.0
-  2.0 - 2.8
-  2.8 - 3.2
-  3.2 - 3.6
-  3.6 - 4.0
-  4.0 - 4.2
-  4.2 - 4.7
-  4.7 - 5.2
-  5.2 - 6.1
-  6.1 - 17.8

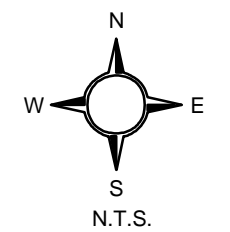
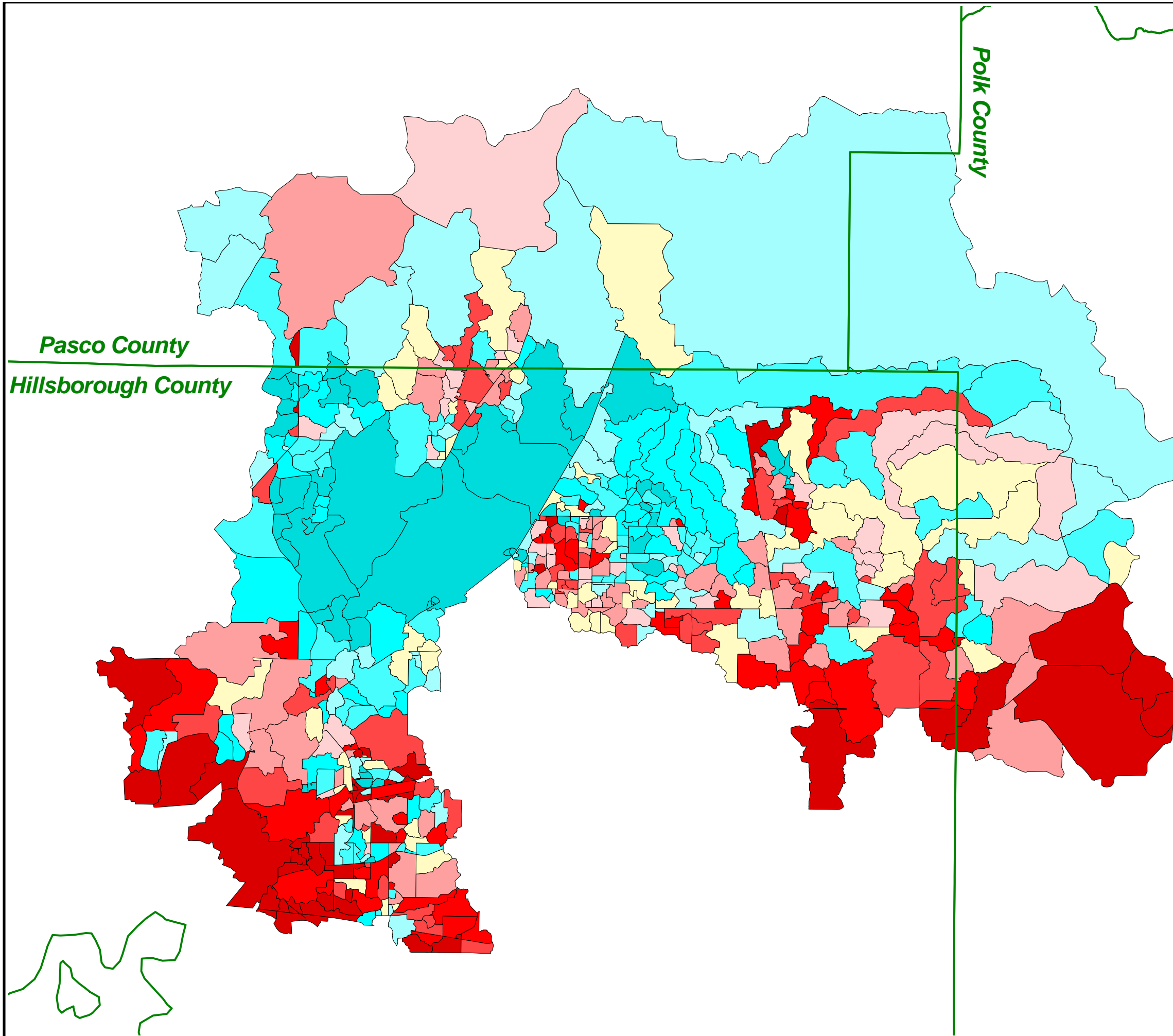













Figure 65

Pollutant Loading by Subwatershed for Hillsborough River Watershed (lb/yr/acre): TKN

Legend:

-  County Boundary
- Pollutant Loading (lb/yr/acre):
-  0 - 2.7
-  2.7 - 3.1
-  3.1 - 3.4
-  3.4 - 3.5
-  3.5 - 3.7
-  3.7 - 4.1
-  4.1 - 4.5
-  4.5 - 5.0
-  5.0 - 5.3
-  over 5.3

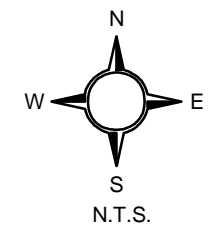
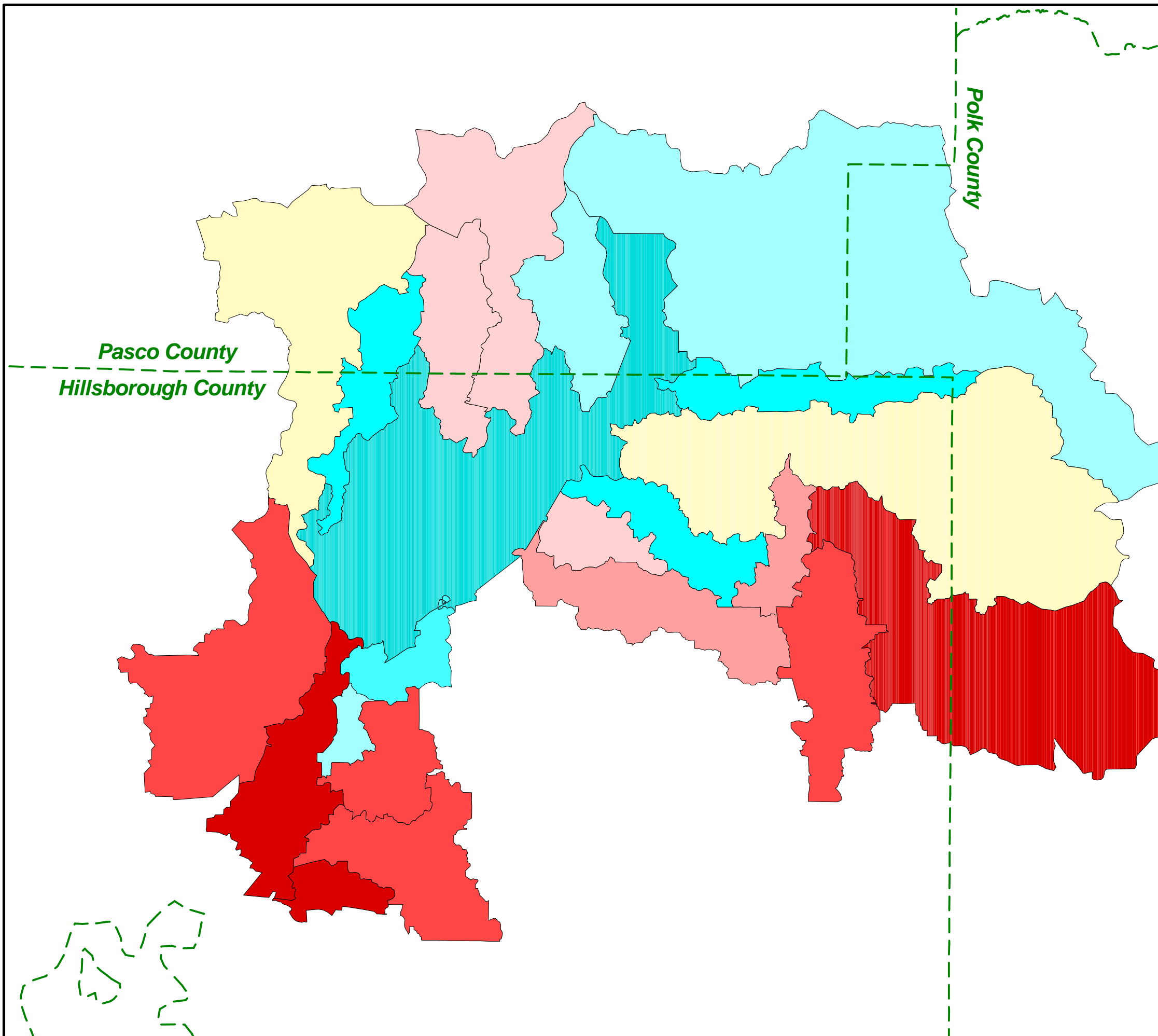













Figure 66

Future Land Use
Pollutant Loading by
Subbasin for
Hillsborough River
Watershed (lb/yr/acre): TKN

Legend:

-  County Boundary
- Pollutant Loading (lb/yr/acre):
 -  0-2.0
 -  2.0-2.8
 -  2.8-3.2
 -  3.2-3.6
 -  3.6-4.0
 -  4.0-4.2
 -  4.2-4.7
 -  4.7-5.2
 -  5.2-6.1
 -  over 6.1

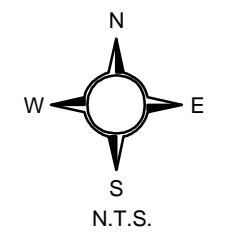
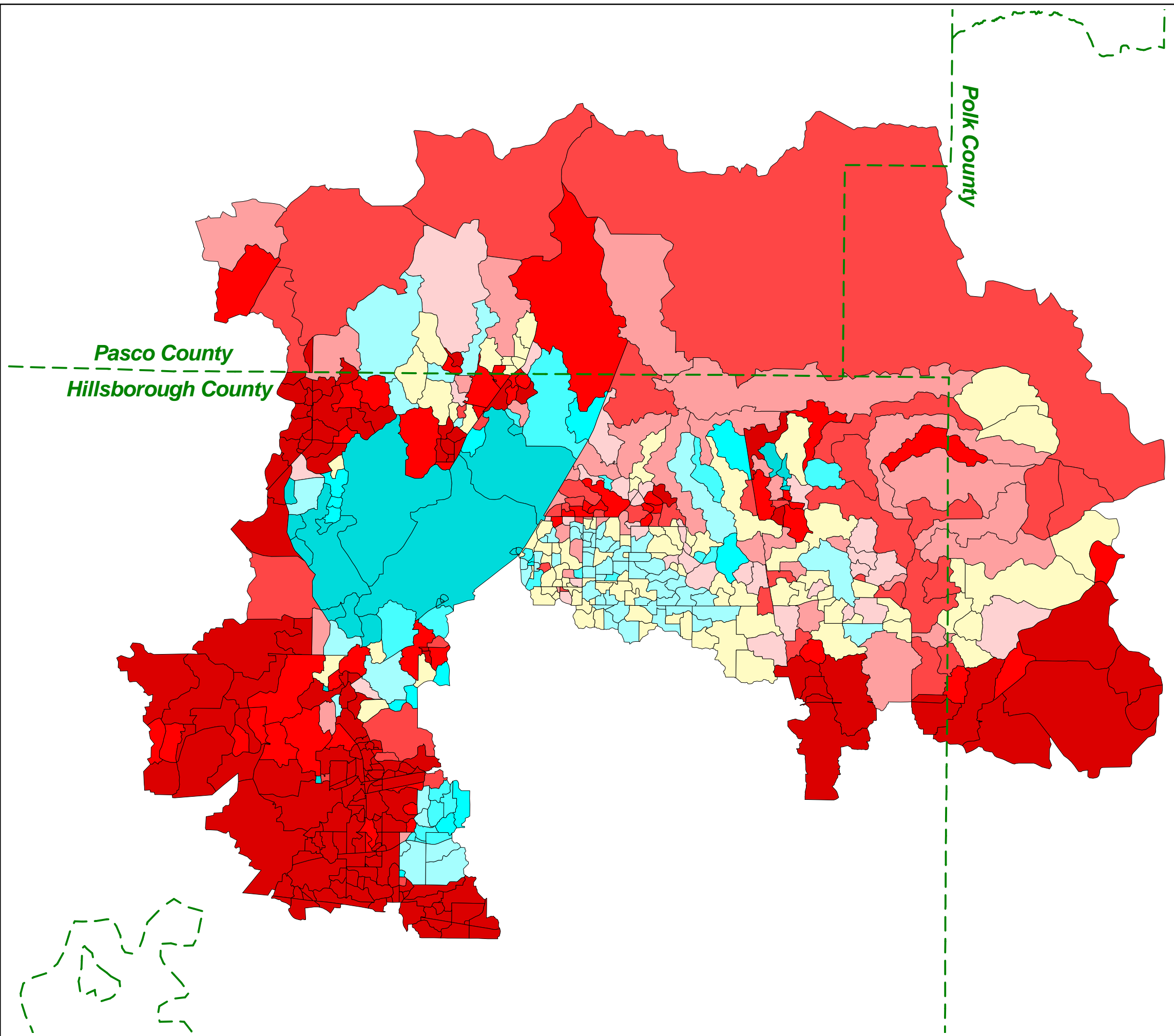













Figure 67

Future Land Use
Pollutant Loading by
Subwatershed for
Hillsborough River
Watershed (lb/yr/acre): TKN

Legend:

-  County Boundary
- Pollutant Loading (lb/yr/acre):
-  0 - 2.7
-  2.7 - 3.1
-  3.1 - 3.4
-  3.4 - 3.5
-  3.5 - 3.7
-  3.7 - 4.1
-  4.1 - 4.5
-  4.5 - 5.0
-  5.0 - 5.3
-  5.3 - 7.2

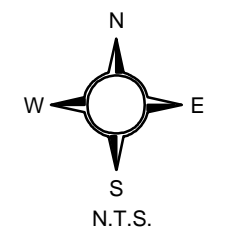
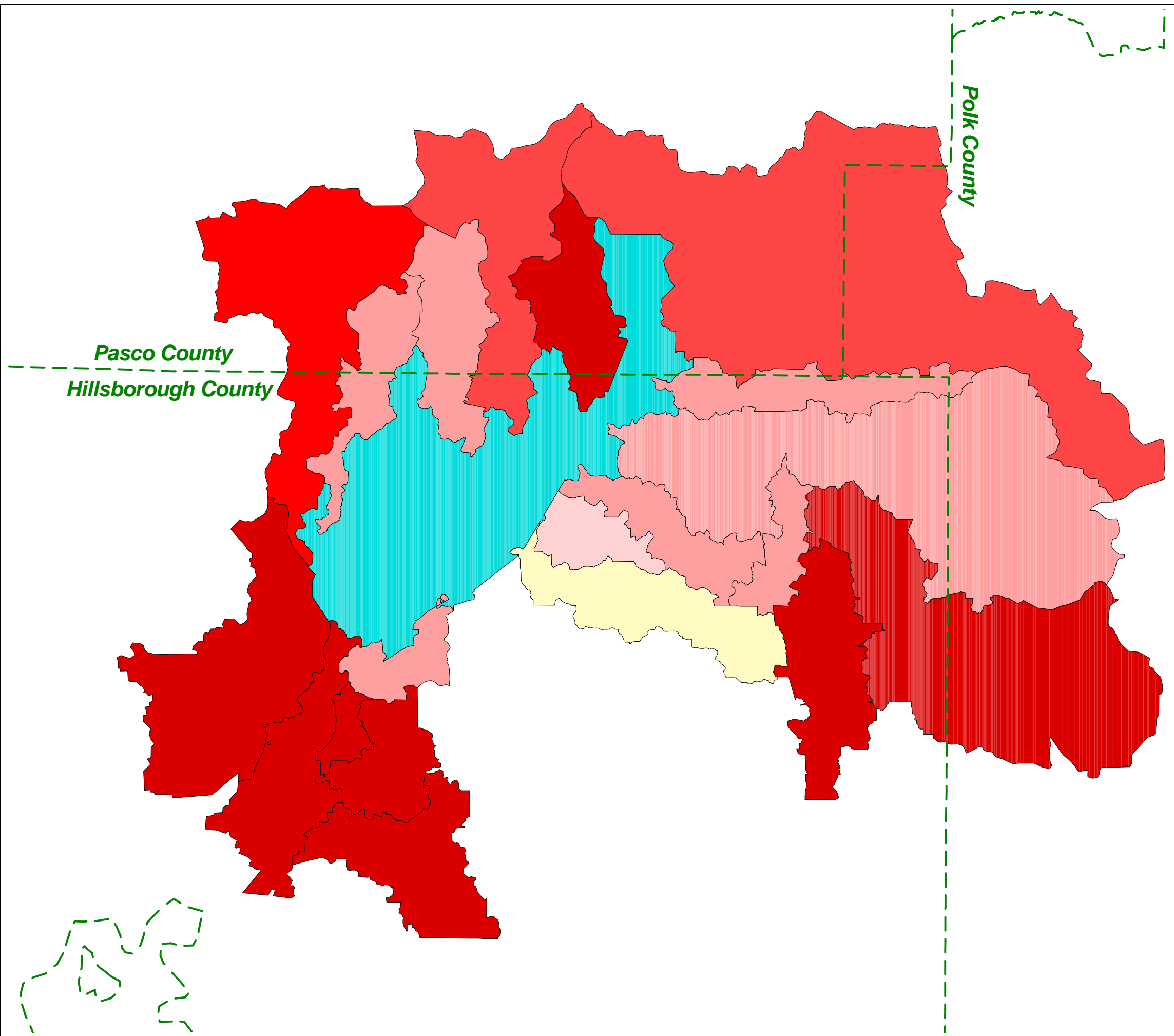



Figure 68

Pollutant Loading by Subbasin for Hillsborough River Watershed (lb/yr/acre): TP

Legend:

 County Boundary
Pollutant Loading (lb/yr/acre):

-  0 - 0.3
-  0.3 - 1.0
-  1.0 - 1.6
-  1.6 - 2.1
-  2.1 - 2.6
-  2.6 - 3.0
-  3.0 - 3.5
-  3.5 - 4.2
-  4.2 - 5.0
-  5.0 - 7.8

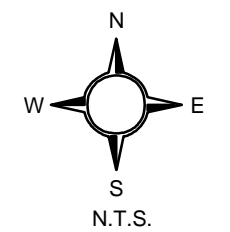
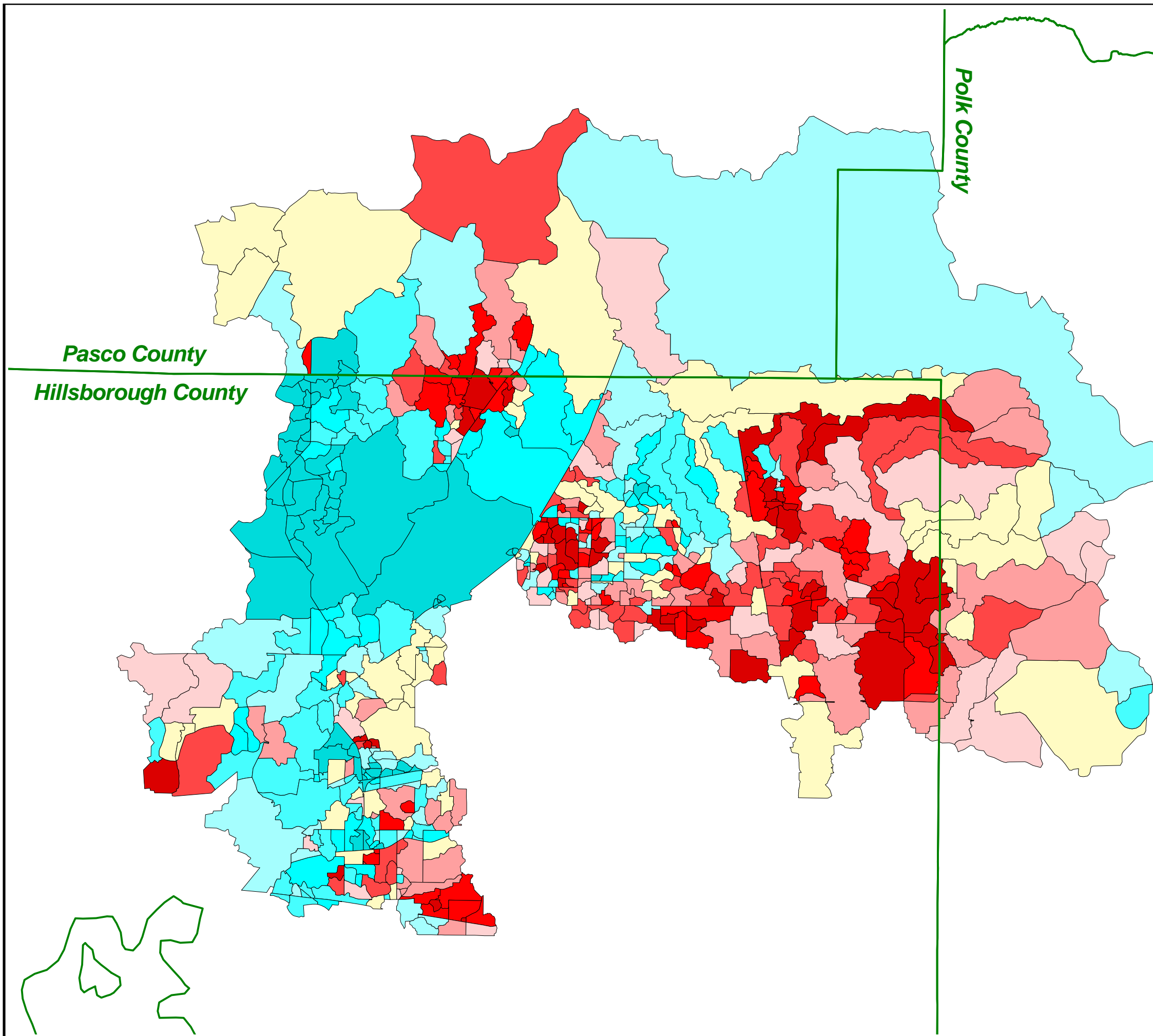











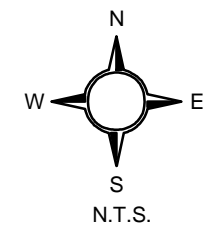
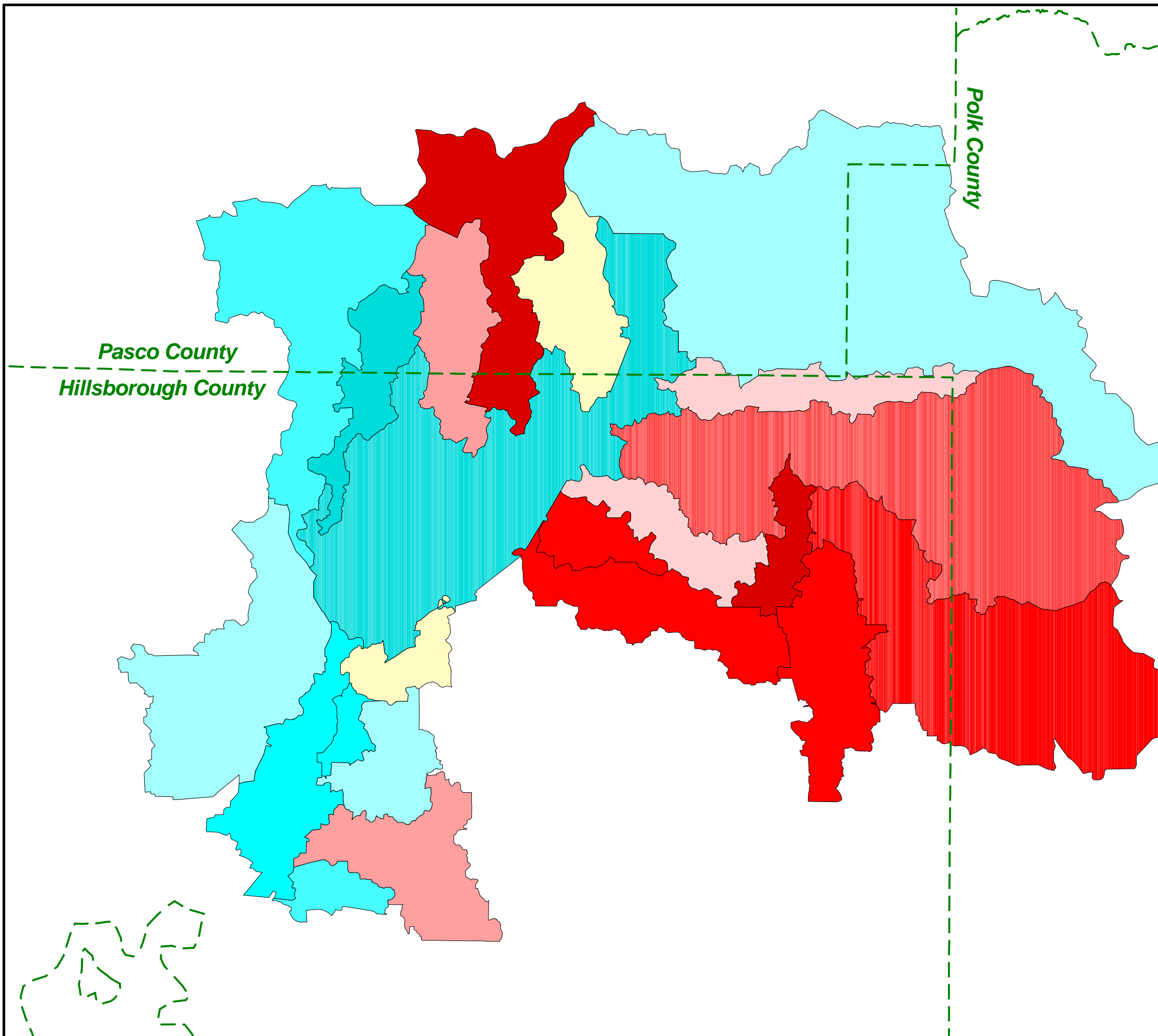


Figure 69

**Pollutant Loading by
Subwatershed for
Hillsborough River
Watershed (lb/yr/acre): TP**

Legend:

-  County Boundary
- Pollutant Loading (lb/yr/acre):**
-  0 - 1.1
-  1.1 - 1.7
-  1.7 - 1.9
-  1.9 - 2.1
-  2.1 - 2.3
-  2.3 - 2.5
-  2.5 - 2.8
-  2.8 - 3.3
-  3.3 - 3.5
-  3.5 over




AYRES
ASSOCIATES













Figure 70

Future Land Use
Pollutant Loading by
Subbasin for
Hillsborough River
Watershed (lb/yr/acre): TP

Legend:

 County Boundary

Pollutant Loading (lb/yr/acre):

-  0 - 0.3
-  0.3-1.0
-  1.0-1.6
-  1.6-2.1
-  2.1-2.6
-  2.6-3.0
-  3.0-3.5
-  3.5-4.2
-  4.2-5.0
-  5.0-7.8

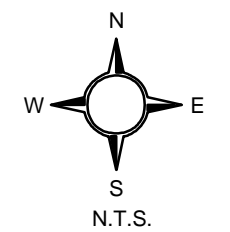
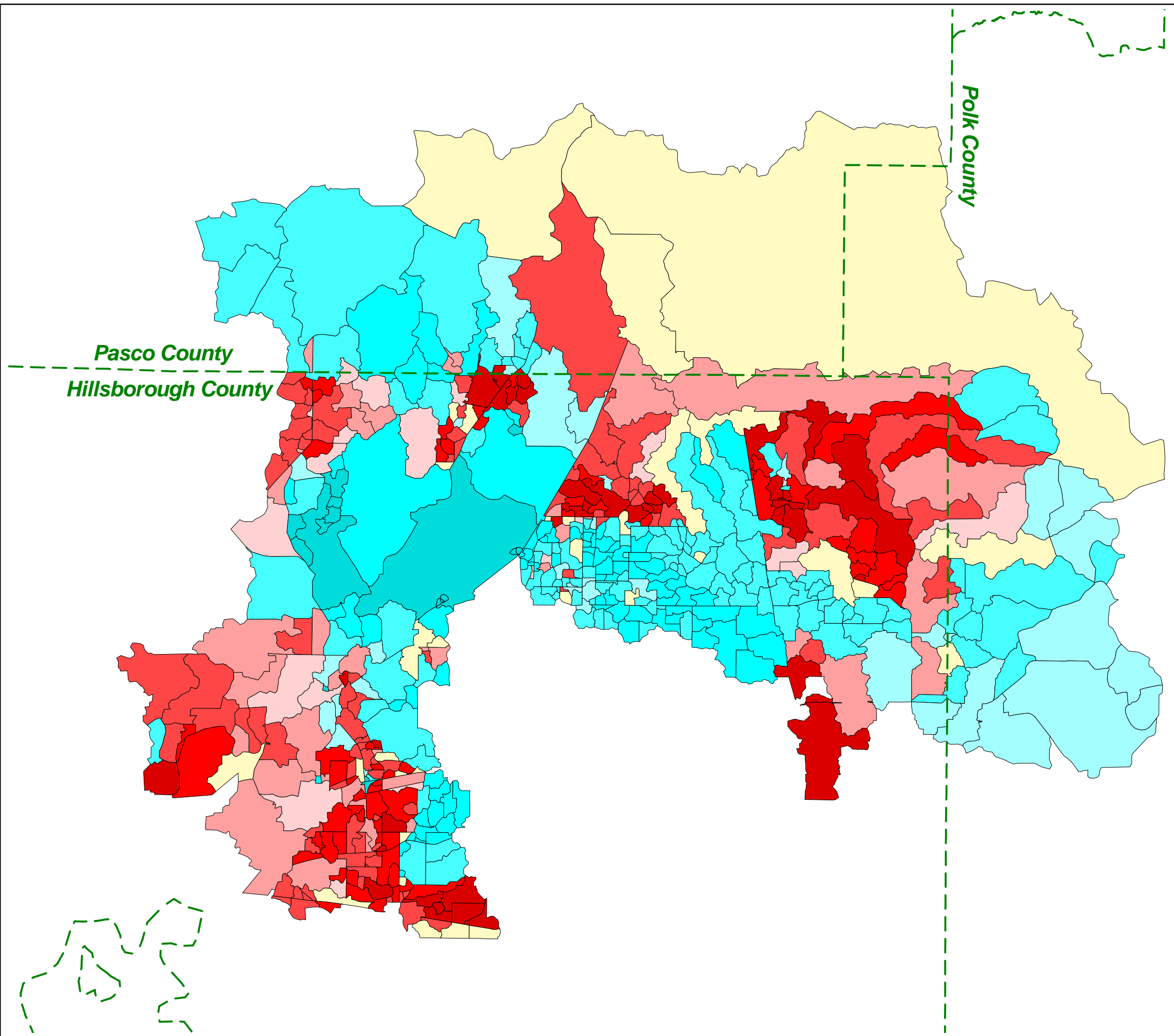













Figure 71

Future Land Use
Pollutant Loading by
Subwatershed for
Hillsborough River
Watershed (lb/yr/acre): TP

Legend:

-  County Boundary
- Pollutant Loading (lb/yr/acre):
-  0 - 1.1
-  1.1 - 1.7
-  1.7 - 1.9
-  1.9 - 2.1
-  2.1 - 2.3
-  2.3 - 2.5
-  2.5 - 2.8
-  2.8 - 3.3
-  3.3 - 3.5
-  3.5 - 4.3

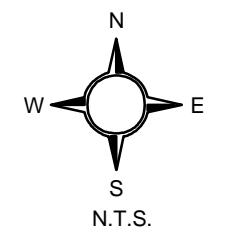
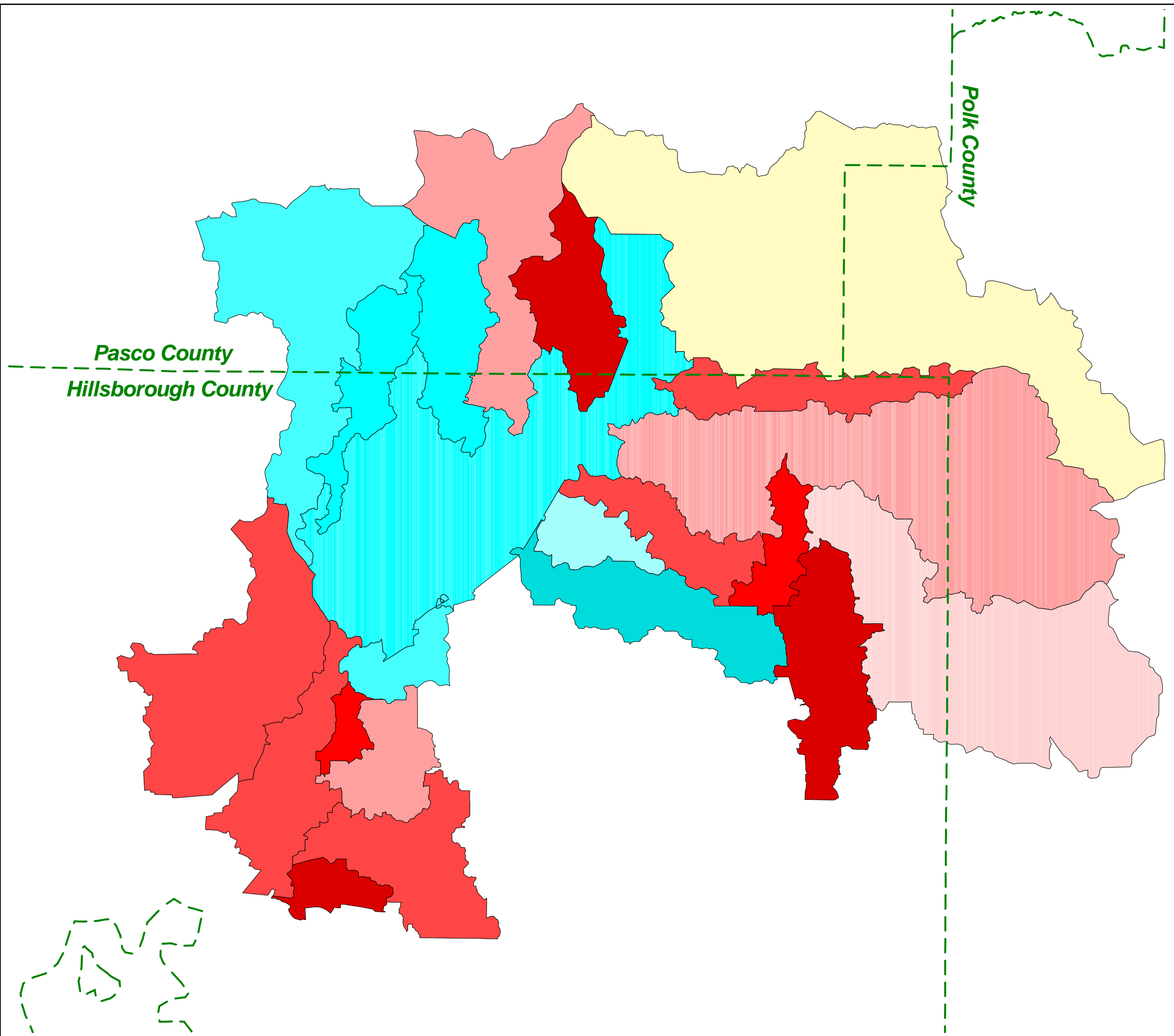













Figure 72

Pollutant Loading by Subbasin for Hillsborough River Watershed (lb/yr/acre): TDP

Legend:

 County Boundary
Pollutant Loading (lb/yr/acre):

-  0 - 0.4
-  0.4 - 0.7
-  0.7 - 1.0
-  1.0 - 1.2
-  1.2 - 1.4
-  1.4 - 1.7
-  1.7 - 2.0
-  2.0 - 2.3
-  2.3 - 2.7
-  2.7 - 4.1

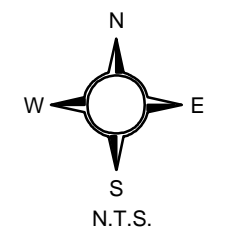
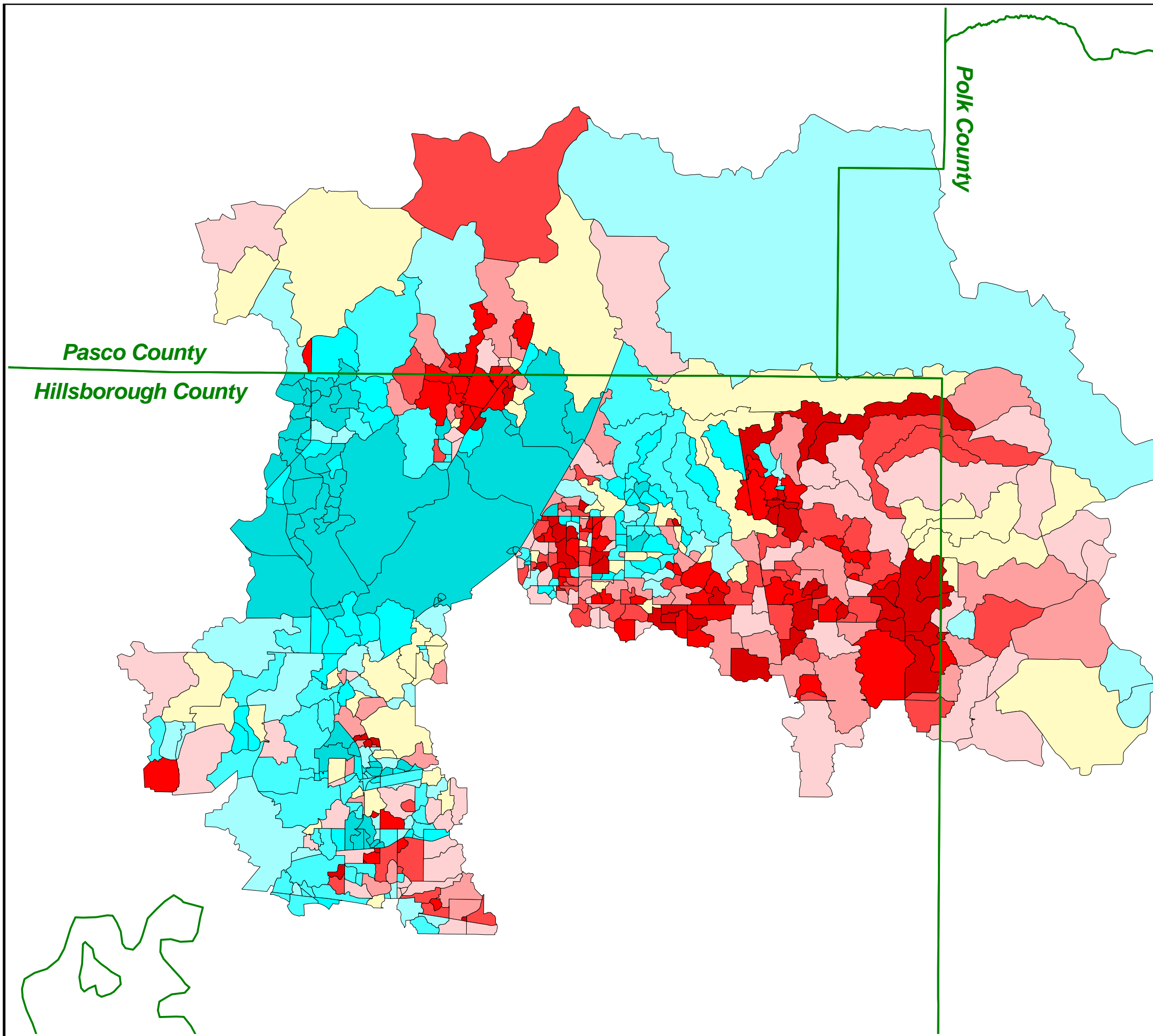













Figure 73

Pollutant Loading by Subwatershed for Hillsborough River Watershed (lb/yr/acre): TDP

Legend:

-  County Boundary
- Pollutant Loading (lb/yr/acre):**
-  0 - 0.7
-  0.7 - 1.0
-  1.0 - 1.1
-  1.1 - 1.2
-  1.2 - 1.3
-  1.3 - 1.4
-  1.4 - 1.6
-  1.6 - 1.9
-  1.9 - 2.0
-  2.0 - 2.3

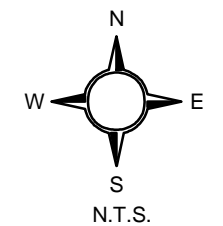
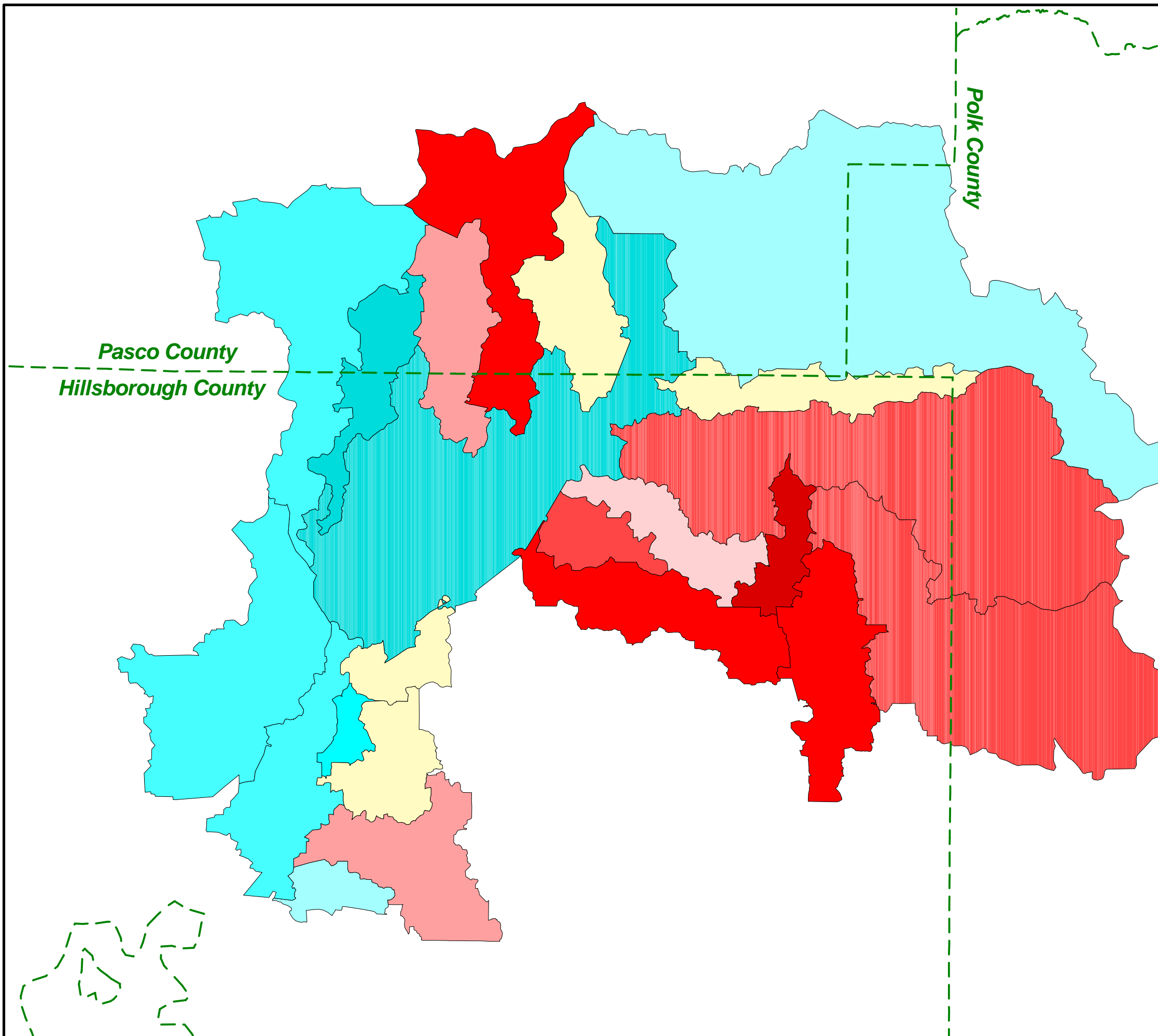













Figure 74

Future Land Use
Pollutant Loading by
Subbasin for
Hillsborough River
Watershed (lb/yr/acre): TDP

Legend:

-  County Boundary
- Pollutant Loading (lb/yr/acre):
-  0 - 0.4
-  0.4-0.7
-  0.7-1.0
-  1.0-1.2
-  1.2-1.4
-  1.4-1.7
-  1.7-2.0
-  2.0-2.3
-  2.3-2.7
-  over 2.7

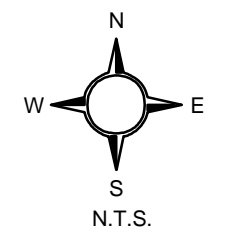
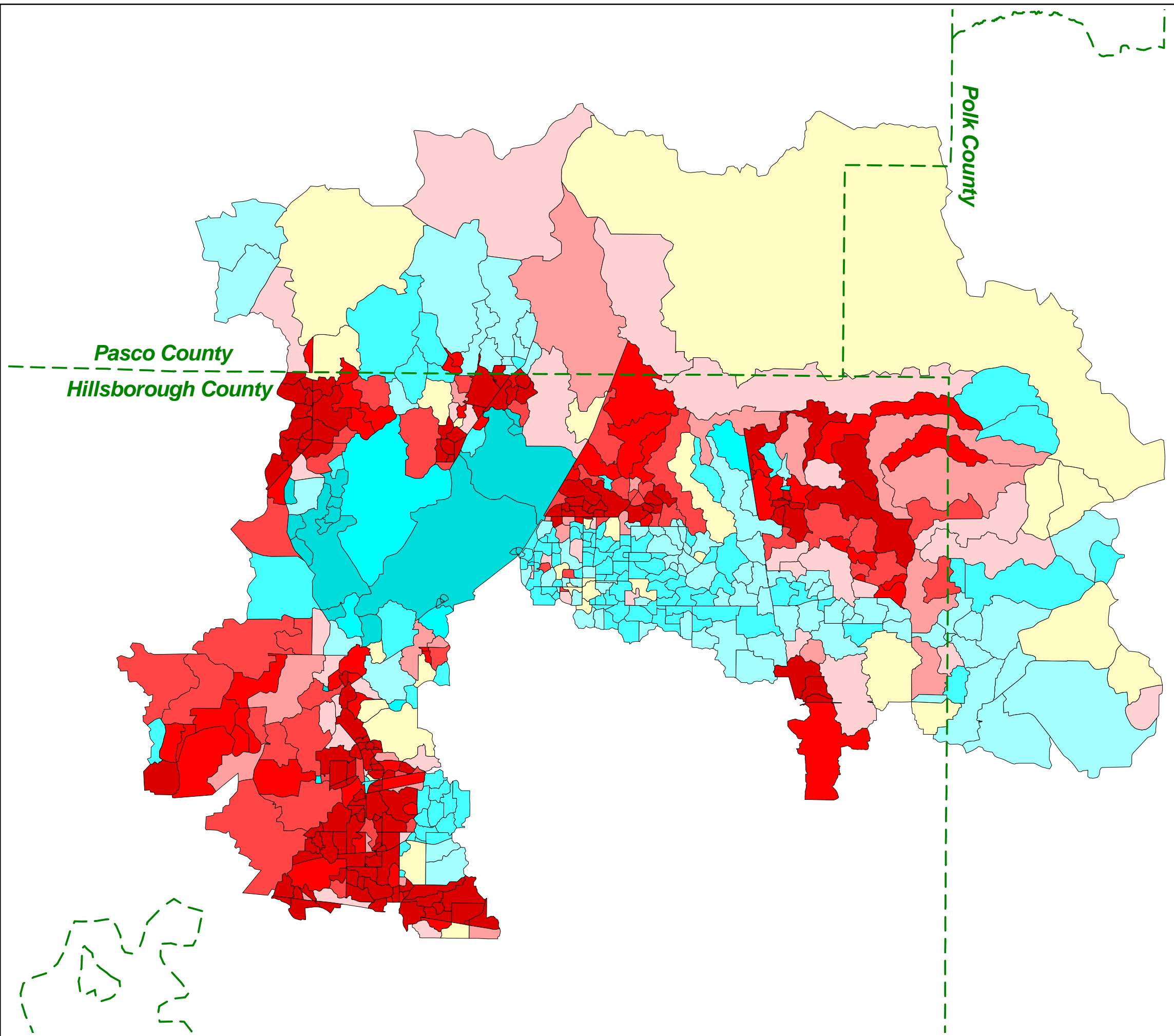













Figure 75

Future Land Use
Pollutant Loading by
Subwatershed for
Hillsborough River
Watershed (lb/yr/acre): TDP

Legend:

-  County Boundary
- Pollutant Loading (lb/yr/acre):
-  0 - 0.7
-  0.7 - 1.0
-  1.0 - 1.1
-  1.1 - 1.2
-  1.2 - 1.3
-  1.3 - 1.4
-  1.4 - 1.6
-  1.6 - 1.9
-  1.9 - 2.0
-  over 2.0

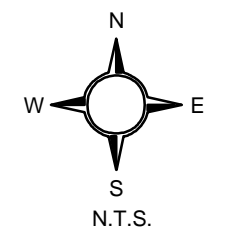
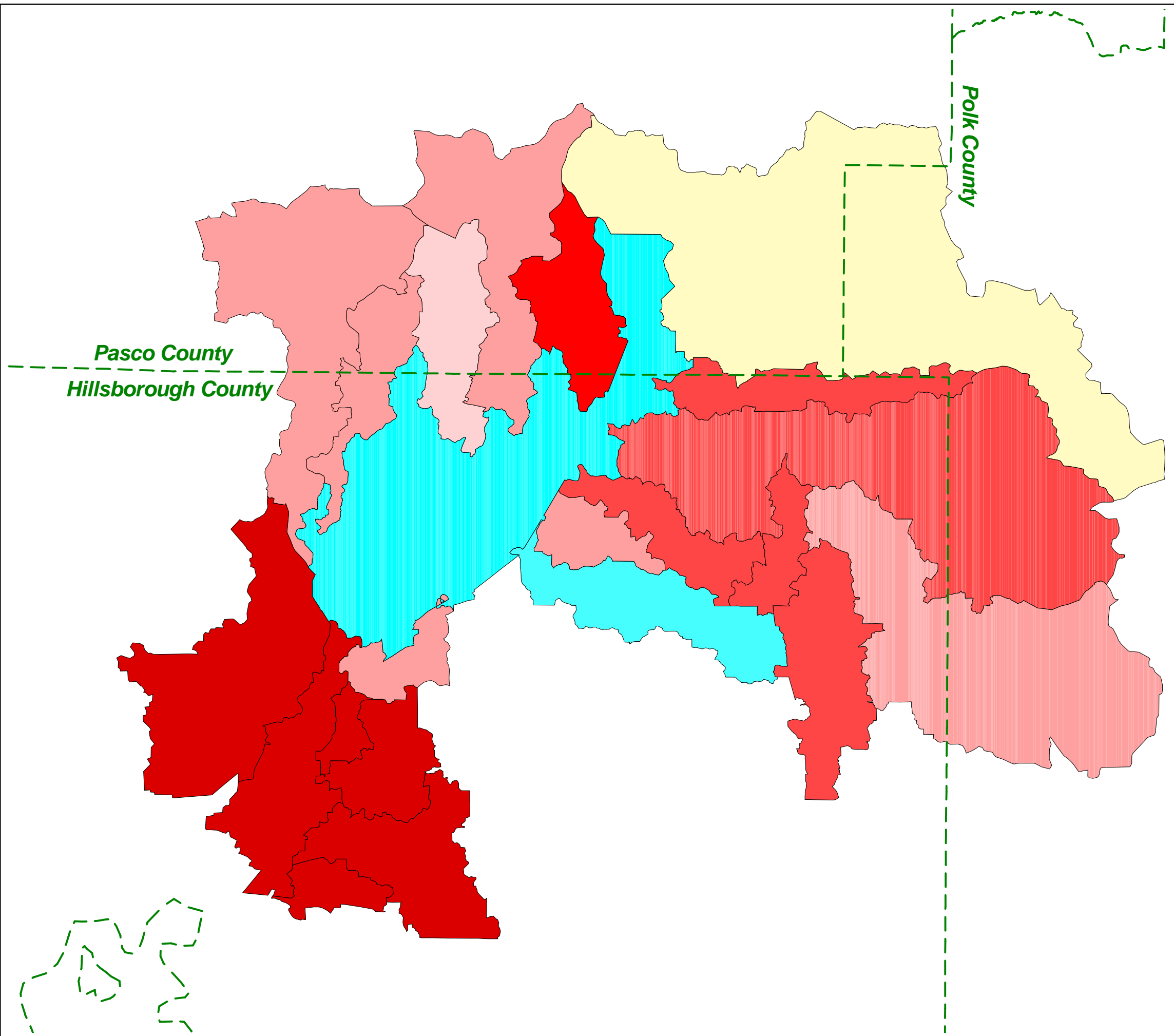







Figure 76

**Pollutant Loading by
Subbasin for
Hillsborough River
Watershed (lb/yr/acre):
Oil and Grease**

Legend:

 County Boundary
Pollutant Loading (lb/yr/acre):

-  0 - 0.7
-  0.7 - 1.0
-  1.0 - 1.1
-  1.1 - 1.3
-  1.3 - 1.5
-  1.5 - 1.8
-  1.8 - 2.1
-  2.1 - 2.6
-  2.6 - 3.5
-  3.5 - 22.3

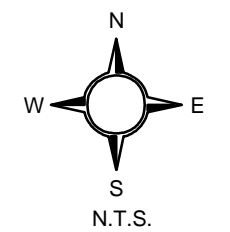
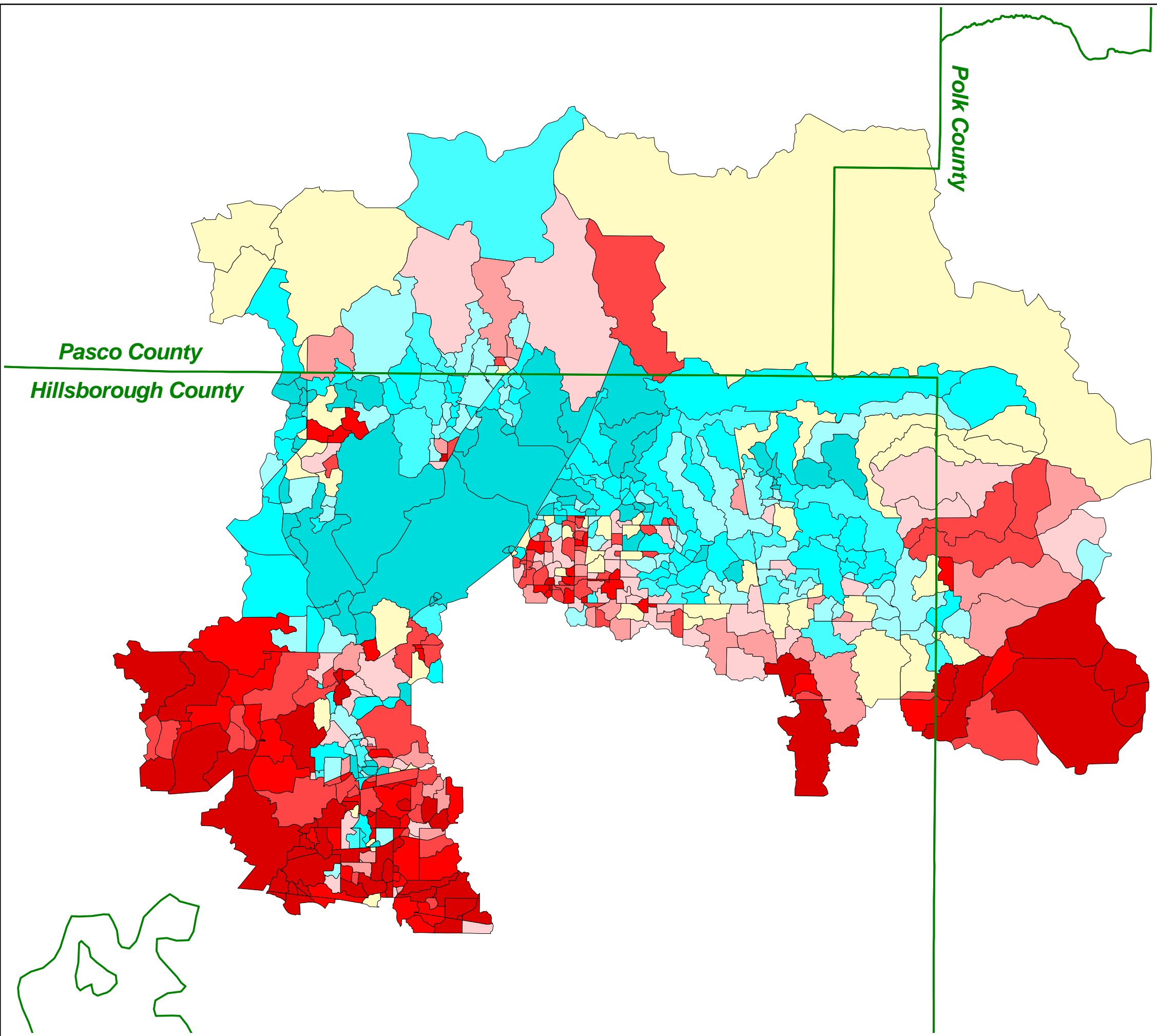













Figure 77

**Pollutant Loading by
Subwatershed for
Hillsborough River
Watershed (lb/yr/acre):
Oil and Grease**

Legend:

-  County Boundary
- Pollutant Loading (lb/yr/acre):**
-  0 - 1.0
-  1.0 - 1.2
-  1.2 - 1.3
-  1.3 - 1.4
-  1.4 - 1.5
-  1.5 - 1.7
-  1.7 - 1.9
-  1.9 - 2.8
-  2.8 - 3.6
-  3.6 over

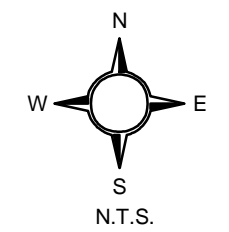
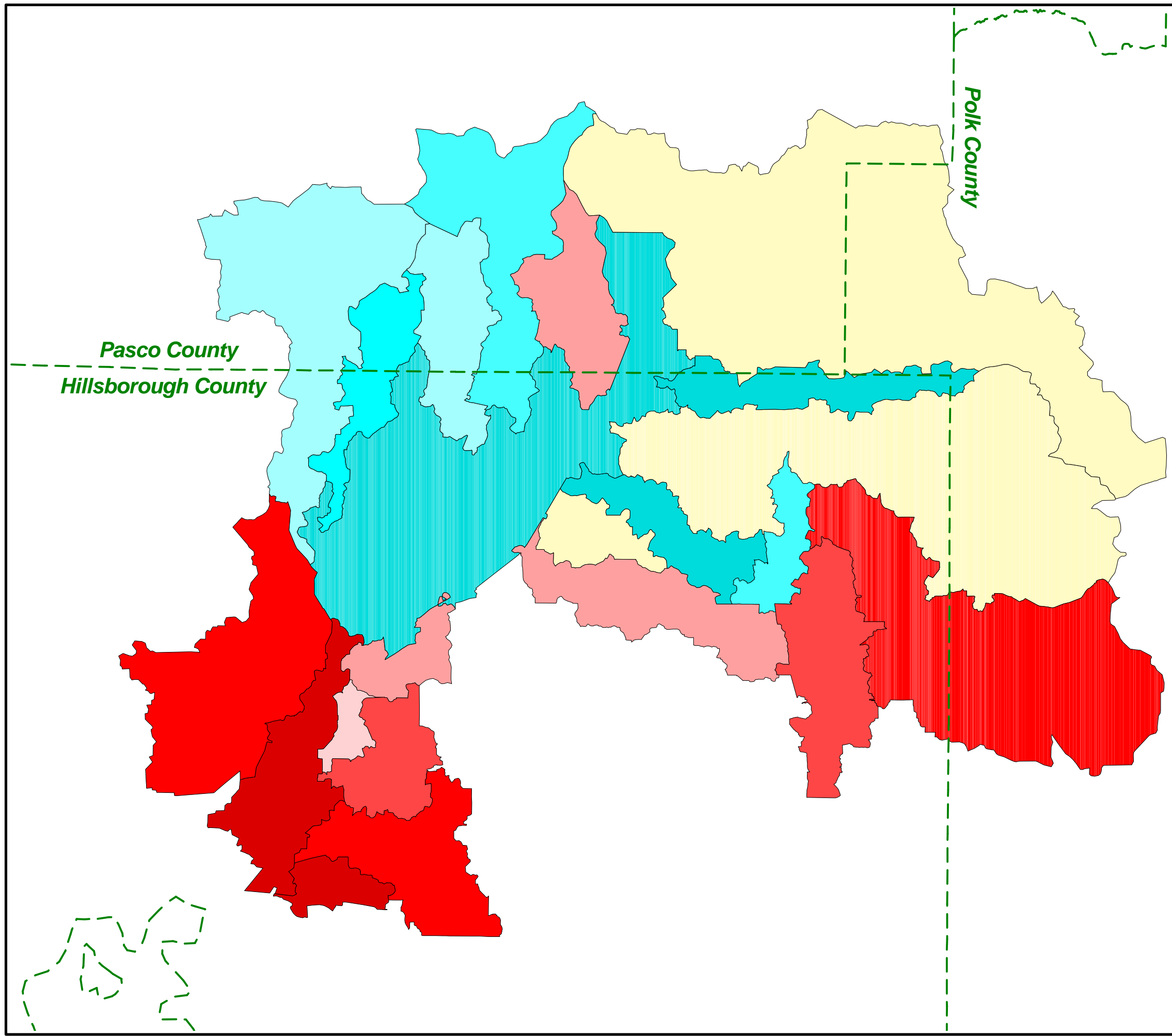













Figure 78

Future Land Use
Pollutant Loading by
Subbasin for
Hillsborough River Watershed
(lb/yr/acre): Oil and Grease

Legend:

-  County Boundary
- Pollutant Loading (lb/yr/acre):
-  0 - 0.7
 -  0.7-1.0
 -  1.0-1.1
 -  1.1-1.3
 -  1.3-1.5
 -  1.5-1.8
 -  1.8-2.1
 -  2.1-2.6
 -  2.6-3.5
 -  over 3.5

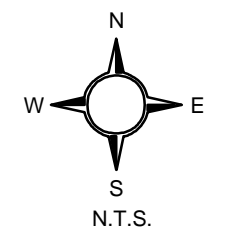
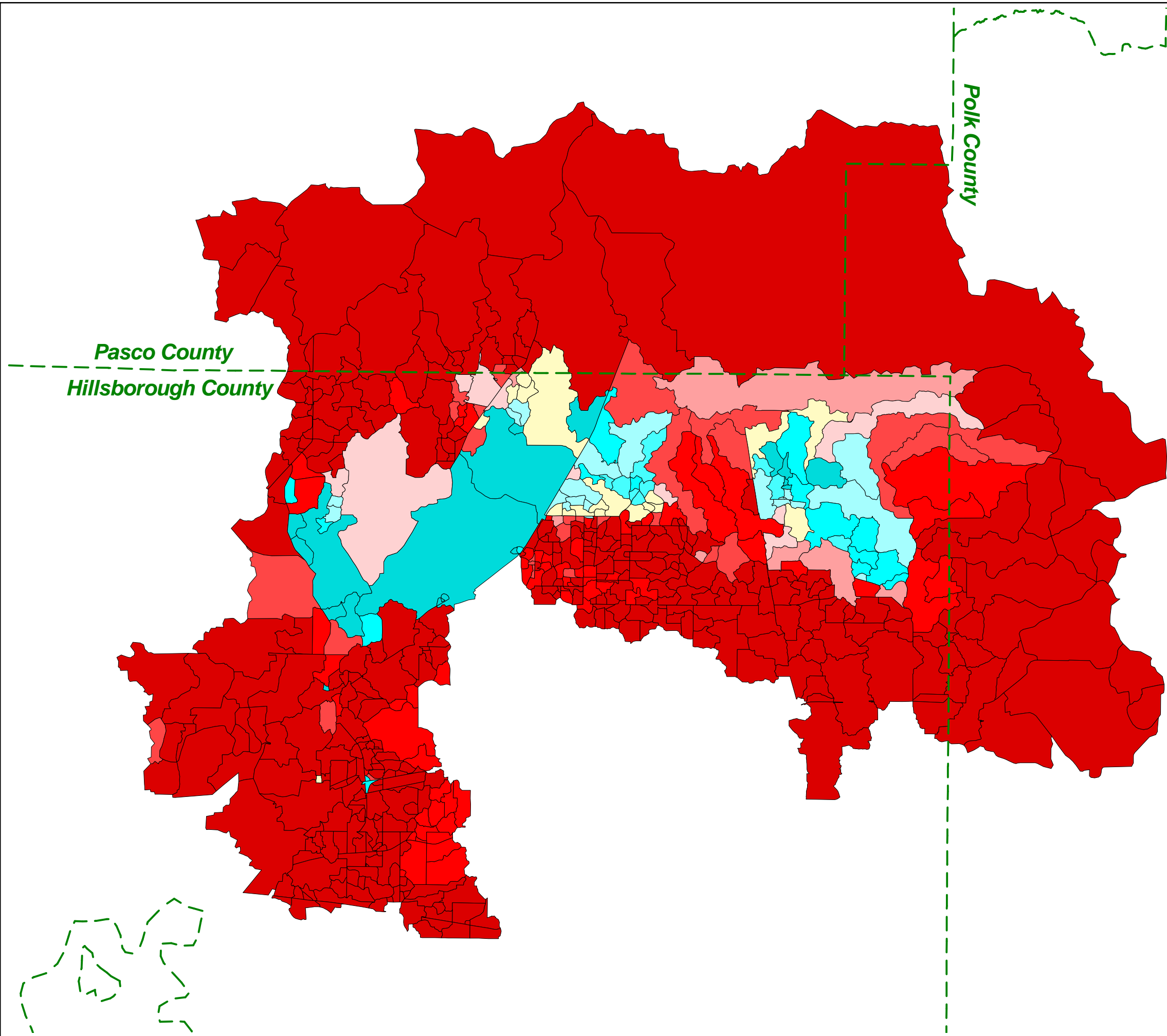













Figure 79

Future Land Use
Pollutant Loading by
Subwatershed for
Hillsborough River Watershed
(lb/yr/acre): Oil and Grease

Legend:

-  County Boundary
- Pollutant Loading (lb/yr/acre):
-  0 - 1.0
 -  1.0 - 1.2
 -  1.2 - 1.3
 -  1.3 - 1.4
 -  1.4 - 1.5
 -  1.5 - 1.7
 -  1.7 - 1.9
 -  1.9 - 2.8
 -  2.8 - 3.6
 -  over 3.6

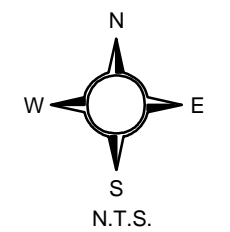
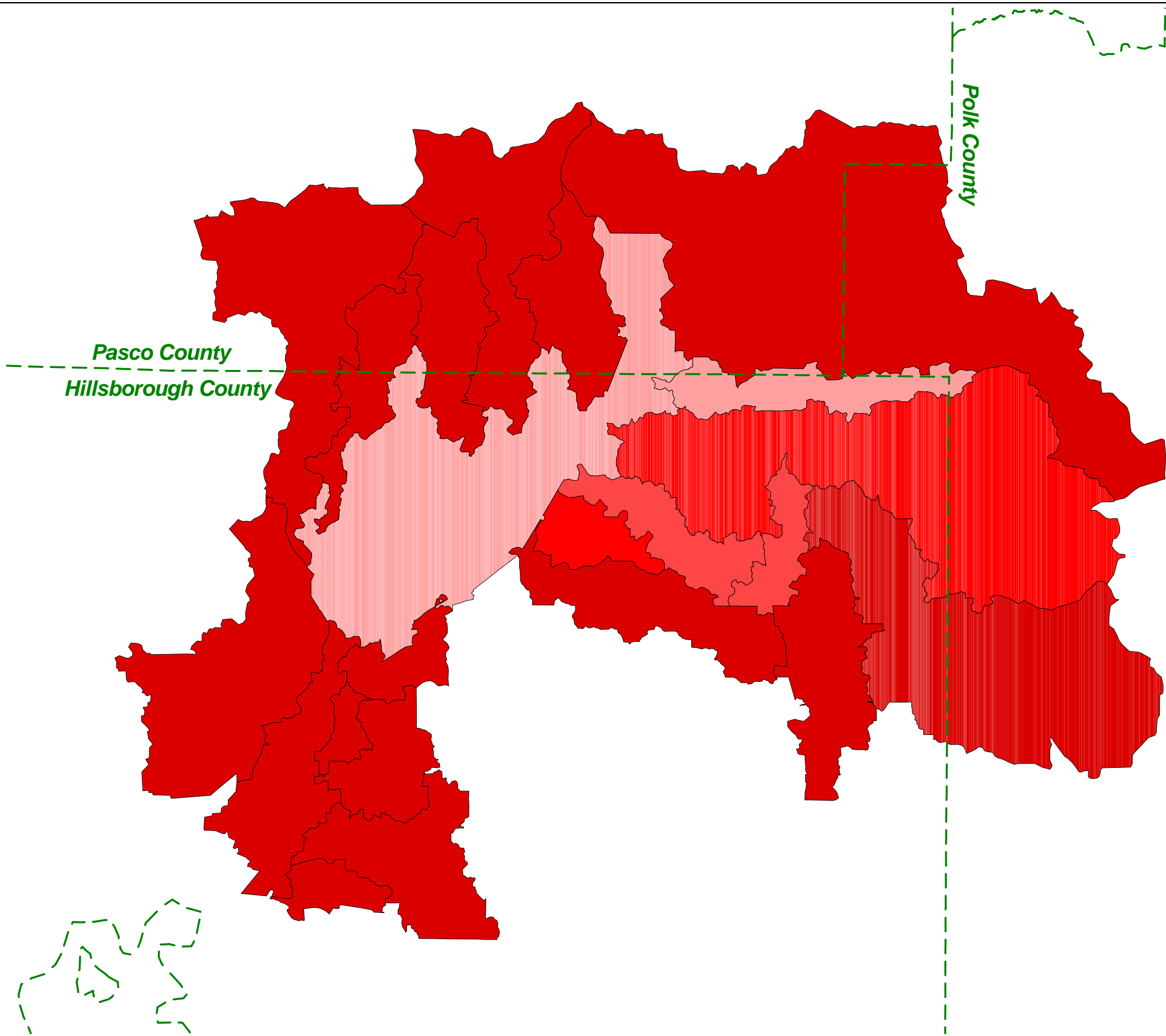
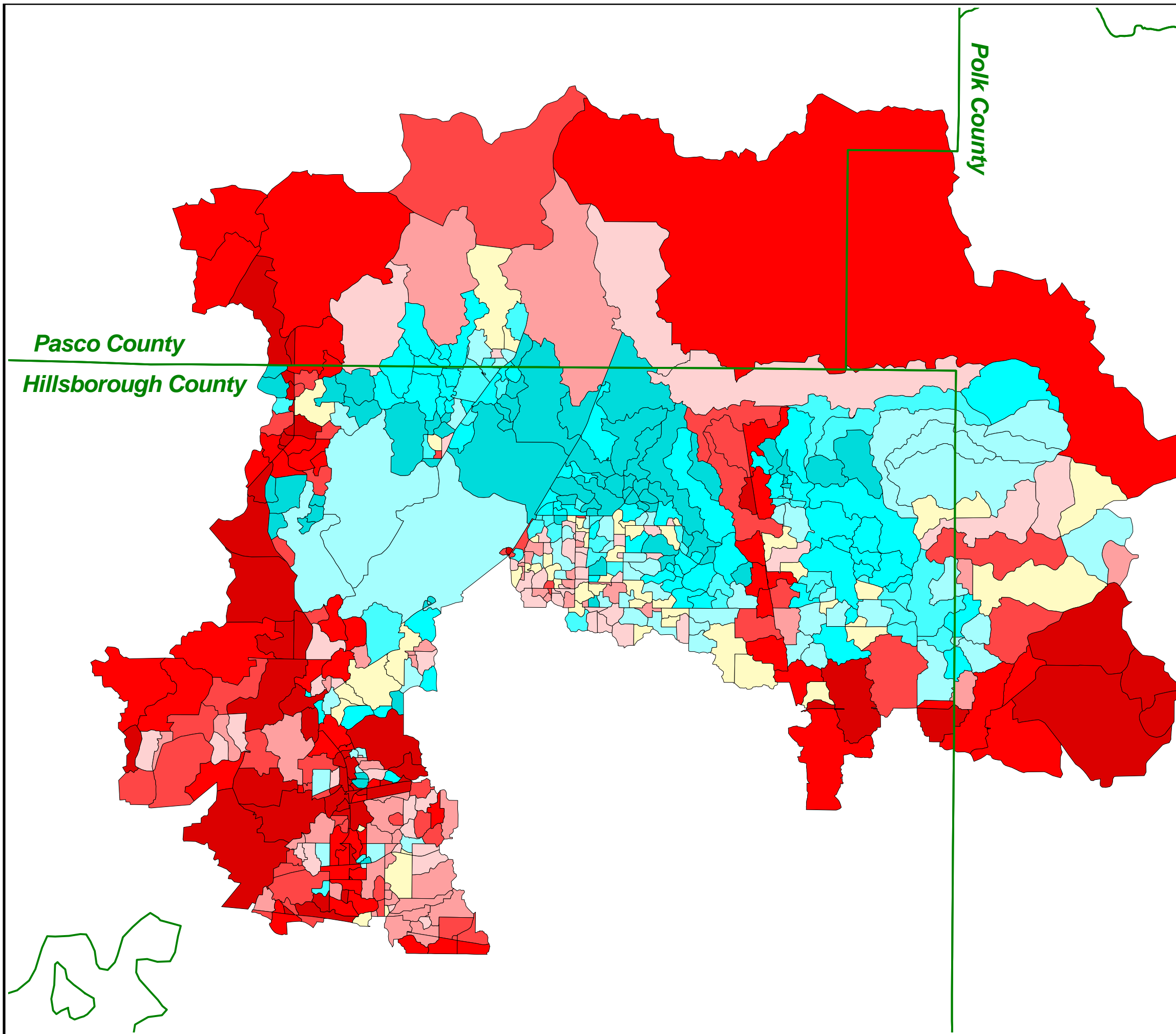













Figure 80



Pollutant Loading by Subbasin for Hillsborough River Watershed (lb/yr/acre): Pb

Legend:

 County Boundary
 Pollutant Loading (lb/yr/acre):

-  0 - 0.003
-  0.003 - 0.005
-  0.005 - 0.006
-  0.006 - 0.009
-  0.009 - 0.012
-  0.012 - 0.016
-  0.016 - 0.023
-  0.023 - 0.076
-  0.076 - 0.204
-  0.204 - 3.100

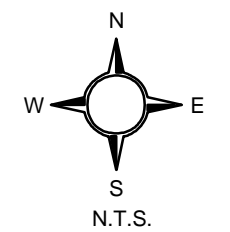













Figure 81

Pollutant Loading by Subwatershed for Hillsborough River Watershed (lb/yr/acre): Pb

Legend:

-  County Boundary
- Pollutant Loading (lb/yr/acre):**
-  0 - 0.013
-  0.013 - 0.017
-  0.017 - 0.019
-  0.019 - 0.021
-  0.021 - 0.035
-  0.035 - 0.092
-  0.092 - 0.122
-  0.122 - 0.182
-  0.182 - 0.224
-  over 0.224

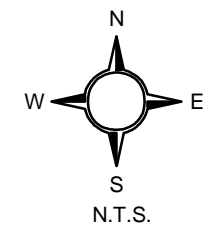
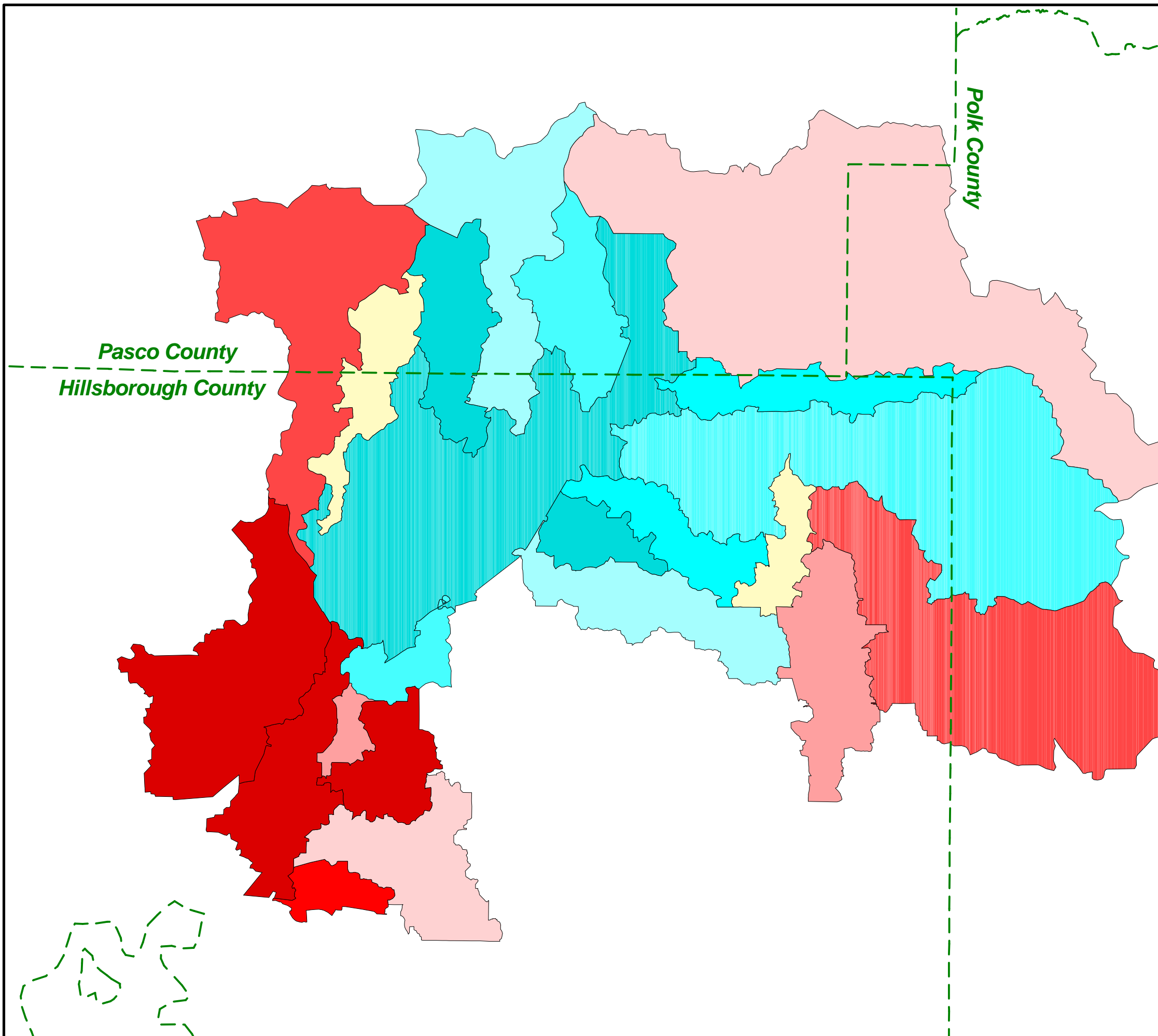













Figure 82

Future Land Use
Pollutant Loading by
Subbasin for
Hillsborough River
Watershed (lb/yr/acre): Pb

Legend:

-  County Boundary
- Pollutant Loading (lb/yr/acre):
-  0 - 0.003
-  0.003 - 0.005
-  0.005 - 0.006
-  0.006 - 0.009
-  0.009 - 0.012
-  0.012 - 0.016
-  0.016 - 0.023
-  0.023 - 0.076
-  0.076 - 0.204
-  over 0.204

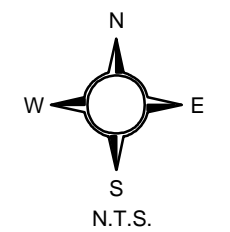
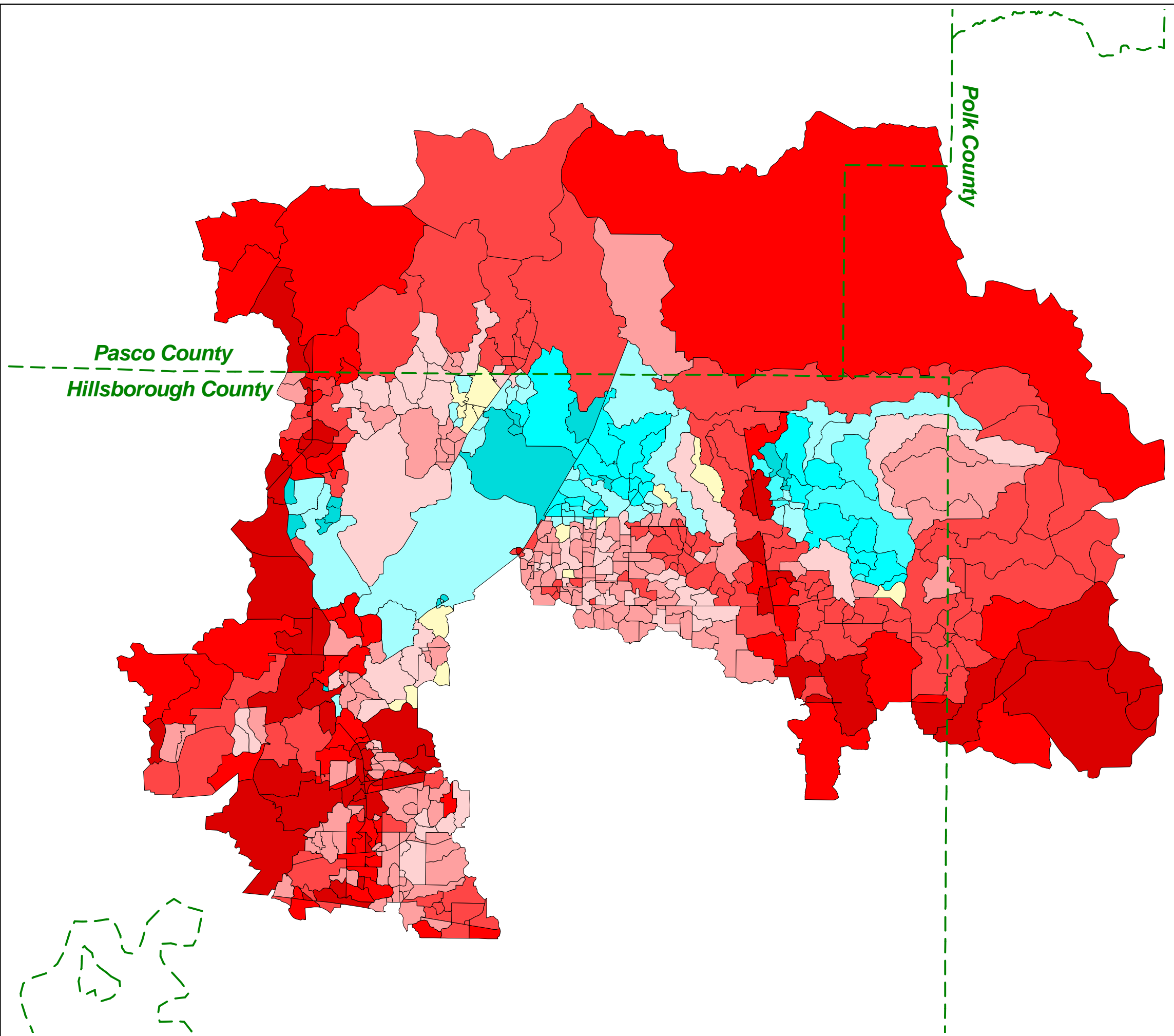













Figure 83

Future Land Use
Pollutant Loading by
Subwatershed for
Hillsborough River
Watershed (lb/yr/acre): Pb

Legend:

-  County Boundary
- Pollutant Loading (lb/yr/acre):
-  0 - 0.013
-  0.013 - 0.017
-  0.017 - 0.019
-  0.019 - 0.021
-  0.021 - 0.035
-  0.035 - 0.092
-  0.092 - 0.122
-  0.122 - 0.182
-  0.182 - 0.224
-  over 0.224

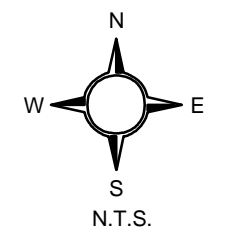
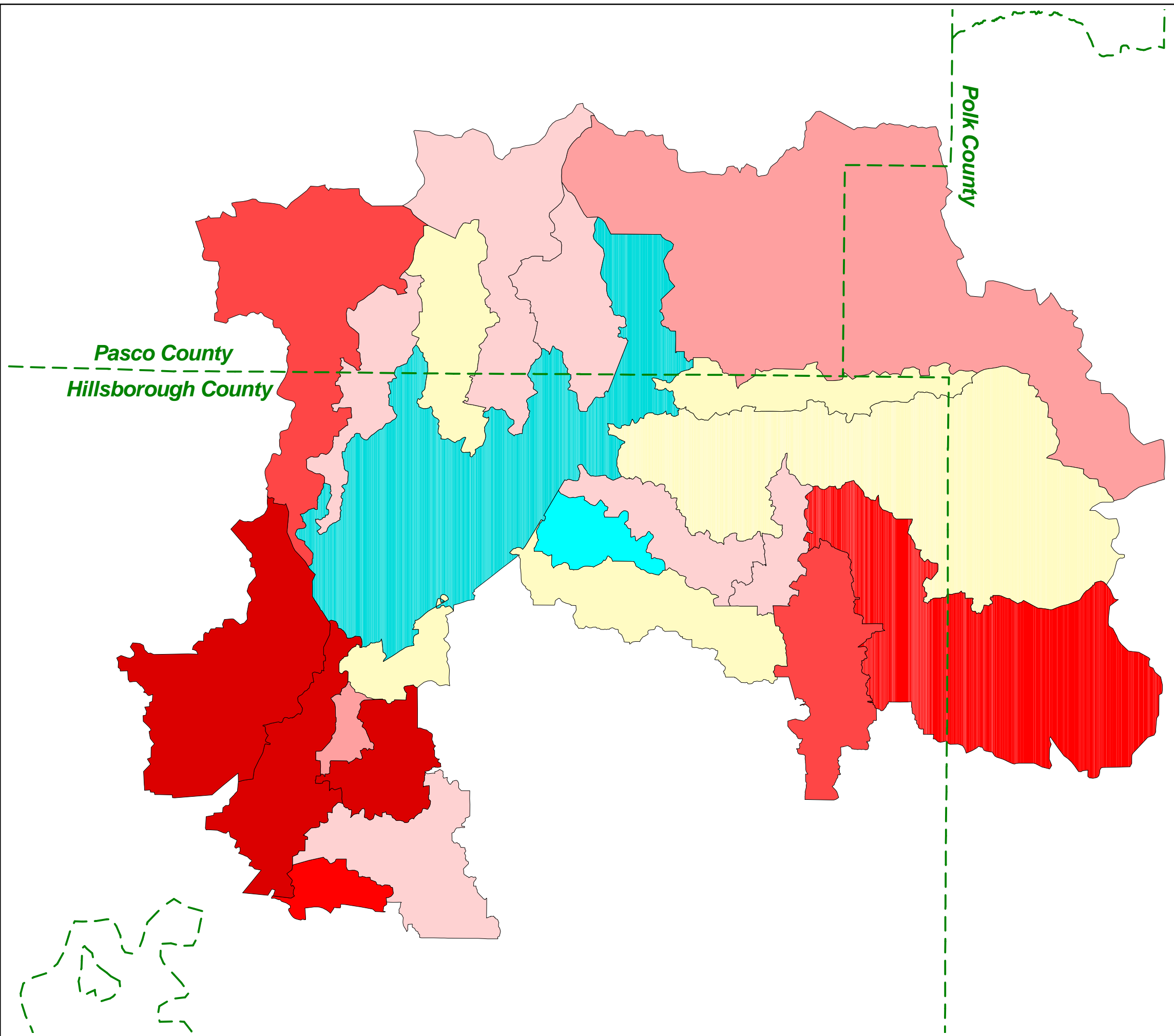













Figure 84

Pollutant Loading by Subbasin for Hillsborough River Watershed (lb/yr/acre): Cu

Legend:

 County Boundary
Pollutant Loading (lb/yr/acre):

-  0 - 0.02
-  0.02 - 0.04
-  0.04 - 0.05
-  0.05 - 0.06
-  0.06 - 0.07
-  0.07 - 0.08
-  0.08 - 0.09
-  0.09 - 0.10
-  0.10 - 0.12
-  0.12 - 0.66

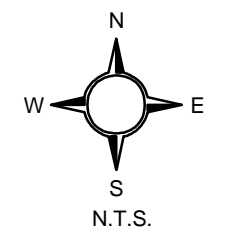
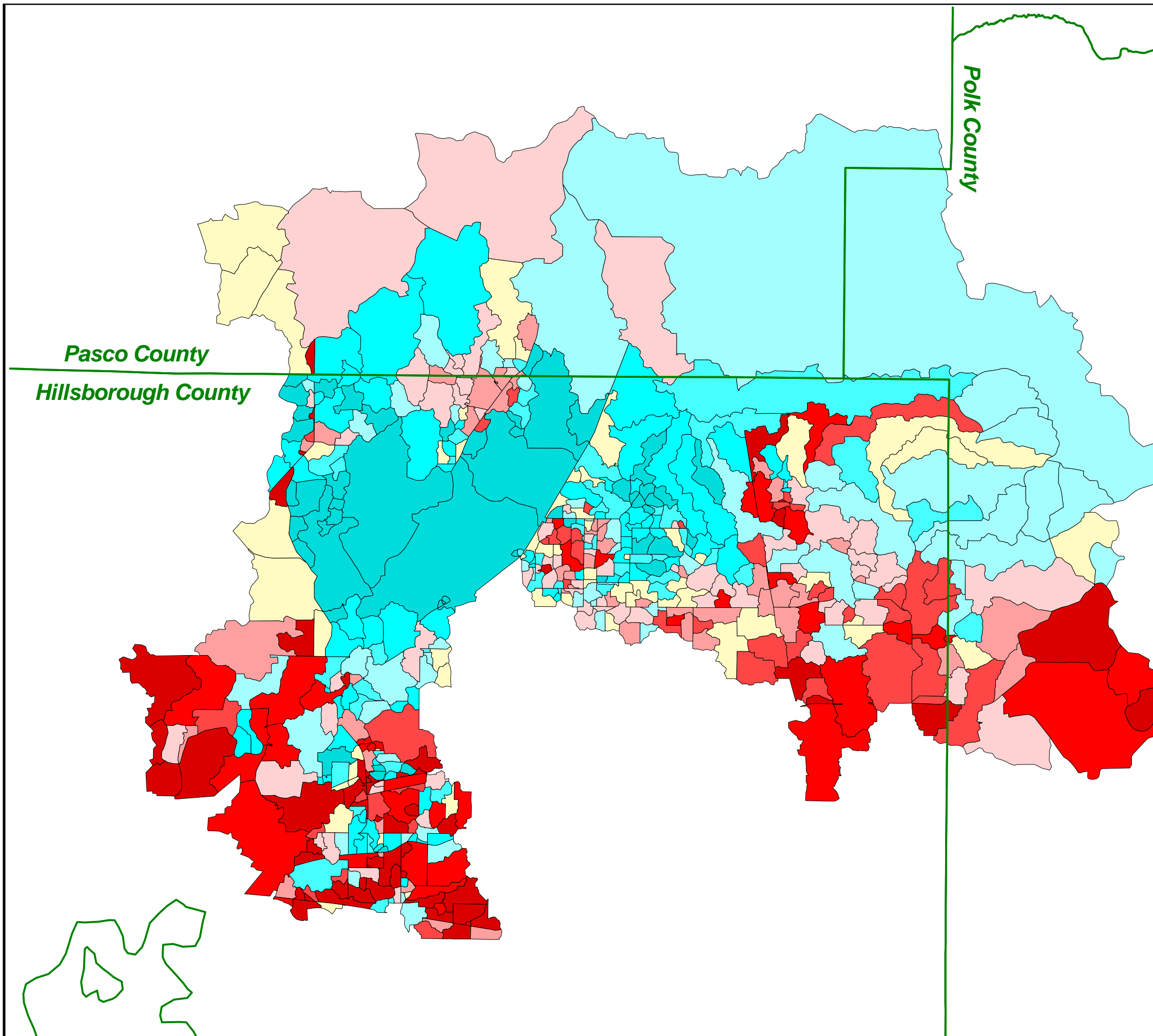











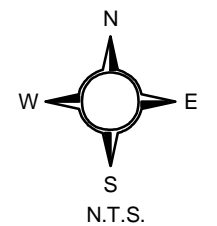
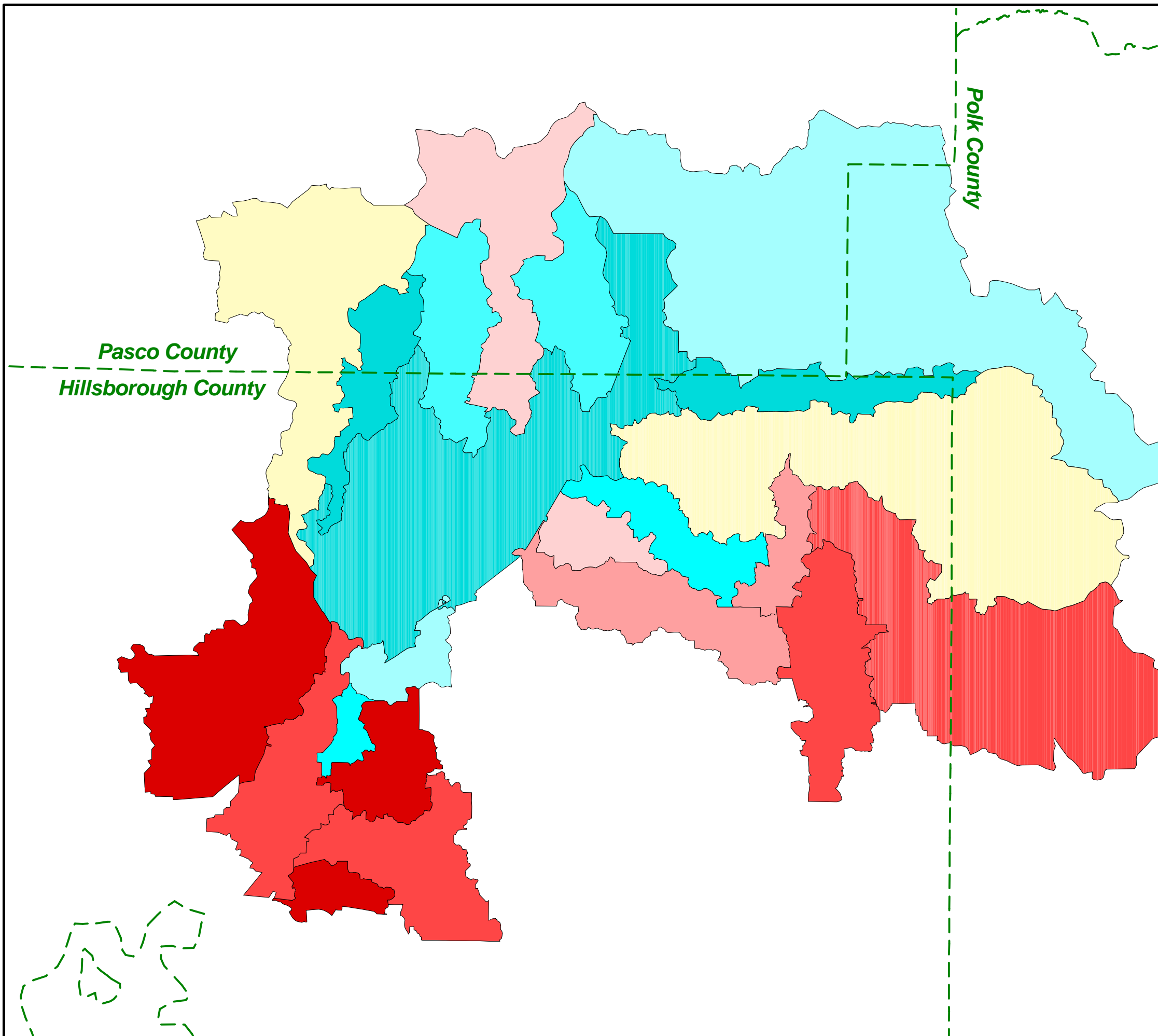


Figure 85

Pollutant Loading by Subwatershed for Hillsborough River Watershed (lb/yr/acre): Cu

Legend:

-  County Boundary
- Pollutant Loading (lb/yr/acre):
-  0 - 0.045
-  0.045 - 0.049
-  0.049 - 0.054
-  0.054 - 0.059
-  0.059 - 0.061
-  0.061 - 0.069
-  0.069 - 0.086
-  0.086 - 0.097
-  0.097 - 0.101
-  over 0.101














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Figure 86

Future Land Use
Pollutant Loading by
Subbasin for
Hillsborough River
Watershed (lb/yr/acre): Cu

Legend:

-  County Boundary
- Pollutant Loading (lb/yr/acre):
-  0 - 0.02
-  0.02-0.04
-  0.04 - 0.05
-  0.05 - 0.06
-  0.06 - 0.07
-  0.07 - 0.08
-  0.08 - 0.09
-  0.09 - 0.10
-  0.10 - 0.12
-  over 0.12

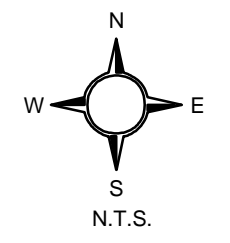
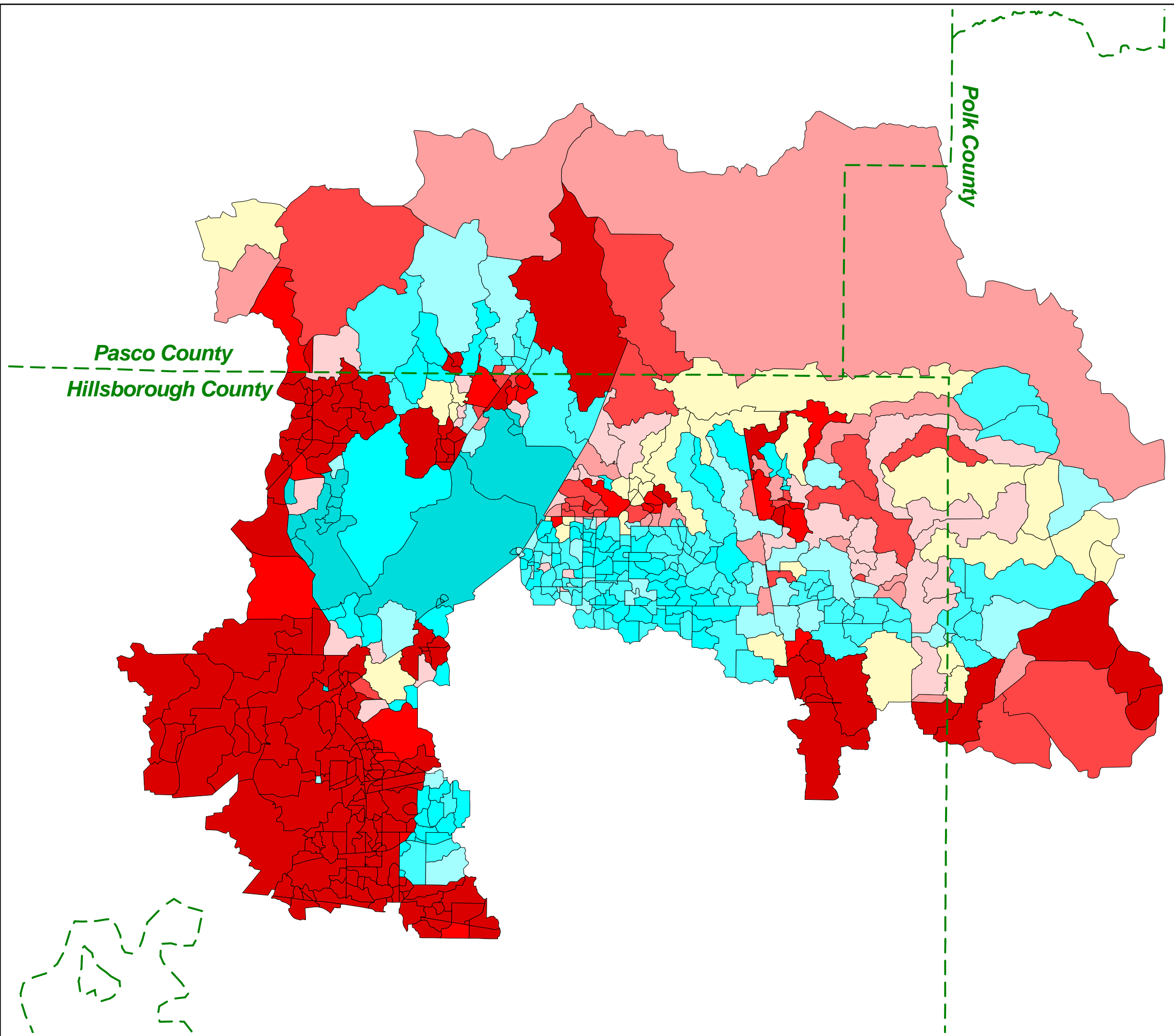













Figure 87

Future Land Use
Pollutant Loading by
Subwatershed for
Hillsborough River
Watershed (lb/yr/acre): Cu

Legend:

-  County Boundary
- Pollutant Loading (lb/yr/acre):**
-  0 - 0.045
-  0.045 - 0.049
-  0.049 - 0.054
-  0.054 - 0.059
-  0.059 - 0.061
-  0.061 - 0.069
-  0.069 - 0.086
-  0.086 - 0.097
-  0.097 - 0.101
-  over 0.101

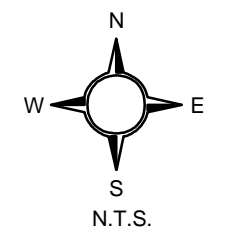
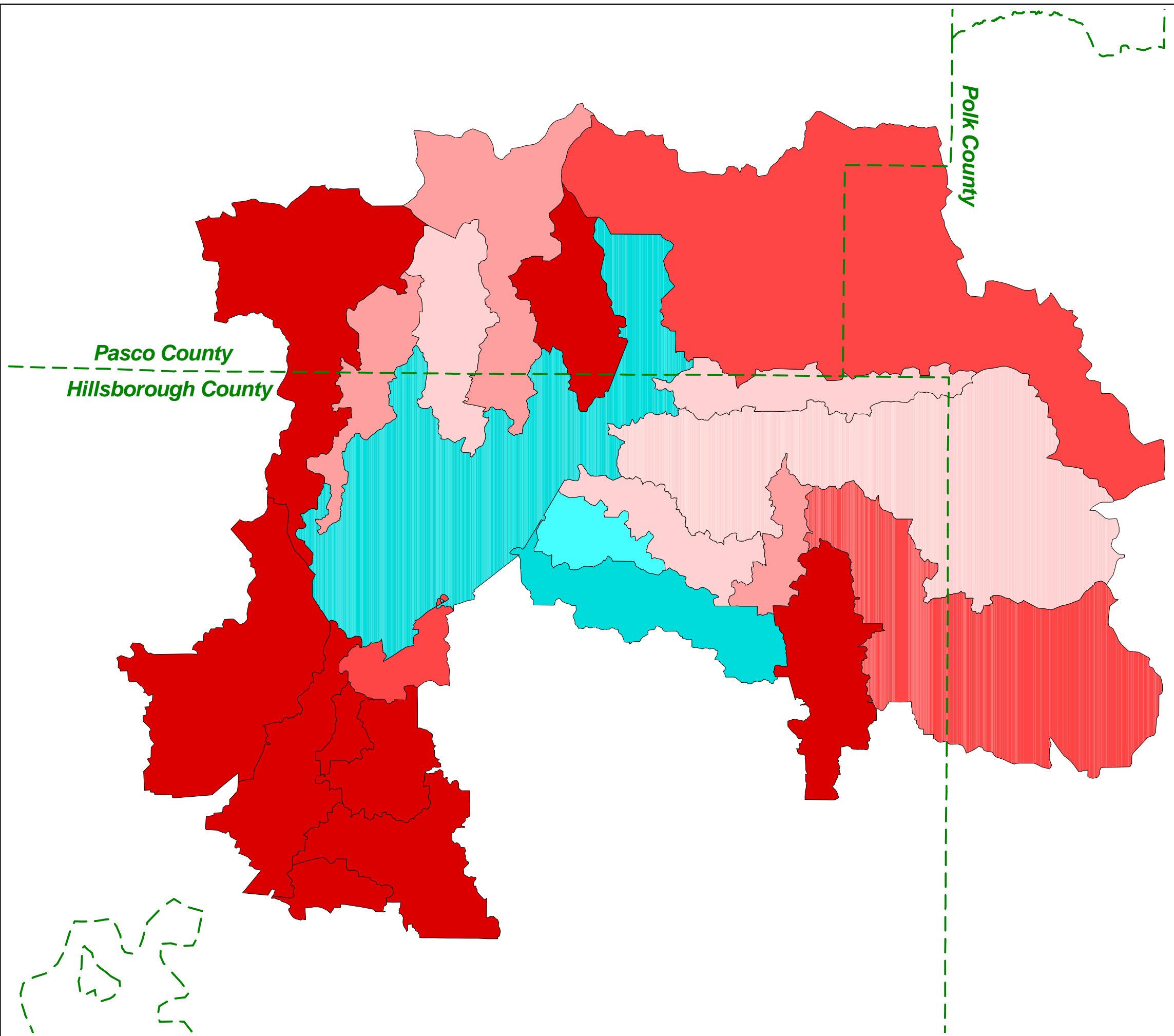













Figure 88

Pollutant Loading by Subbasin for Hillsborough River Watershed (lb/yr/acre): Cd

Legend:

 County Boundary
Pollutant Loading (lb/yr/acre):

-  0 - 0.004
-  0.004 - 0.006
-  0.006 - 0.009
-  0.009 - 0.012
-  0.012 - 0.015
-  0.015 - 0.019
-  0.019 - 0.022
-  0.022 - 0.027
-  0.027 - 0.032
-  0.032 - 0.256

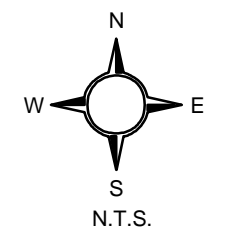
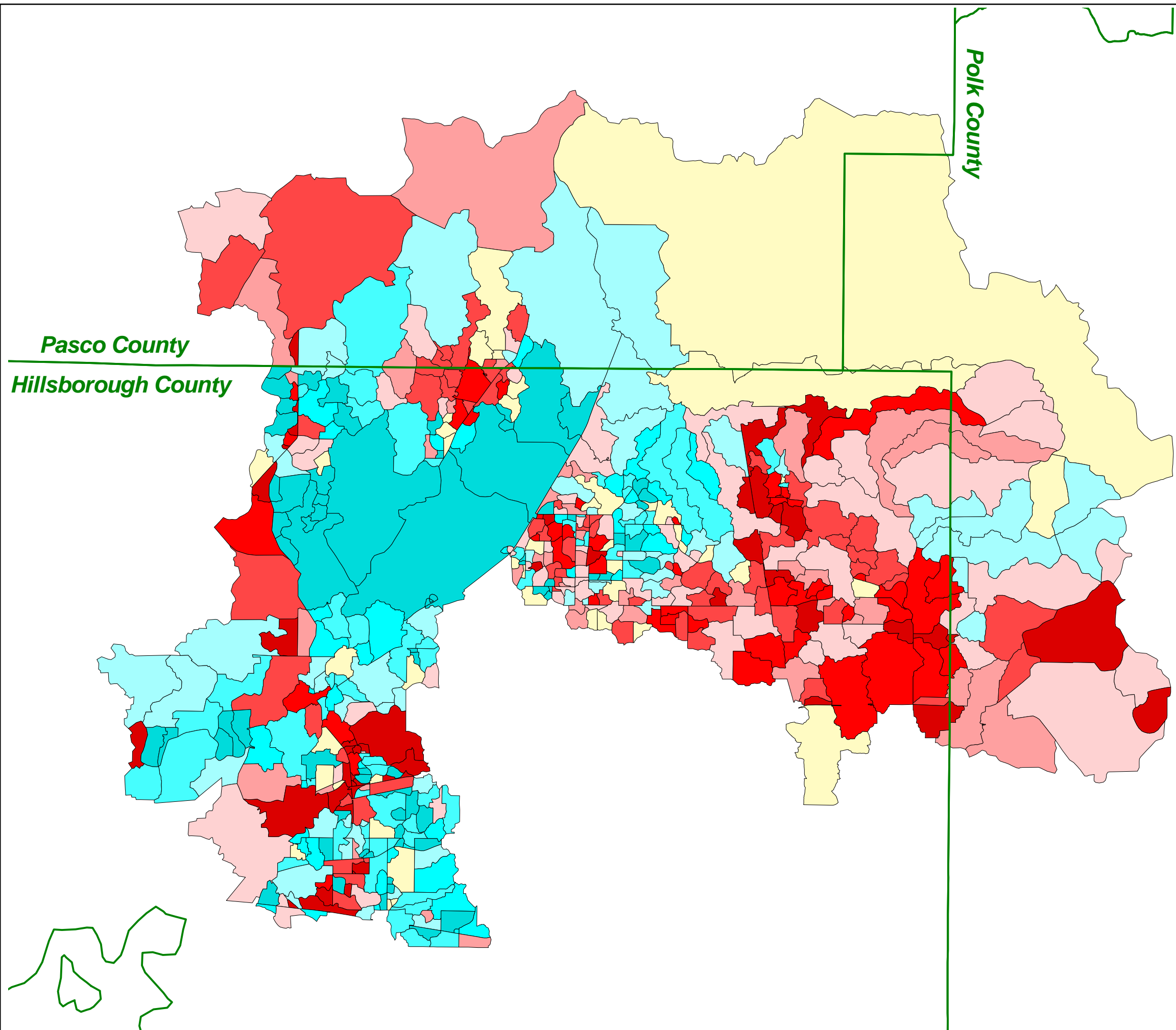













Figure 89

**Pollutant Loading by
Subwatershed for
Hillsborough River
Watershed (lb/yr/acre): Cd**

Legend:

-  County Boundary
- Pollutant Loading (lb/yr/acre):
-  0 - 0.009
-  0.009 - 0.012
-  0.012 - 0.015
-  0.015 - 0.016
-  0.016 - 0.017
-  0.017 - 0.018
-  0.018 - 0.020
-  0.020 - 0.021
-  0.021 - 0.024
-  over 0.024

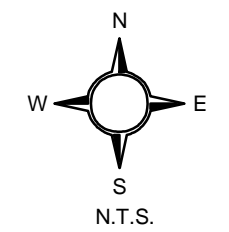
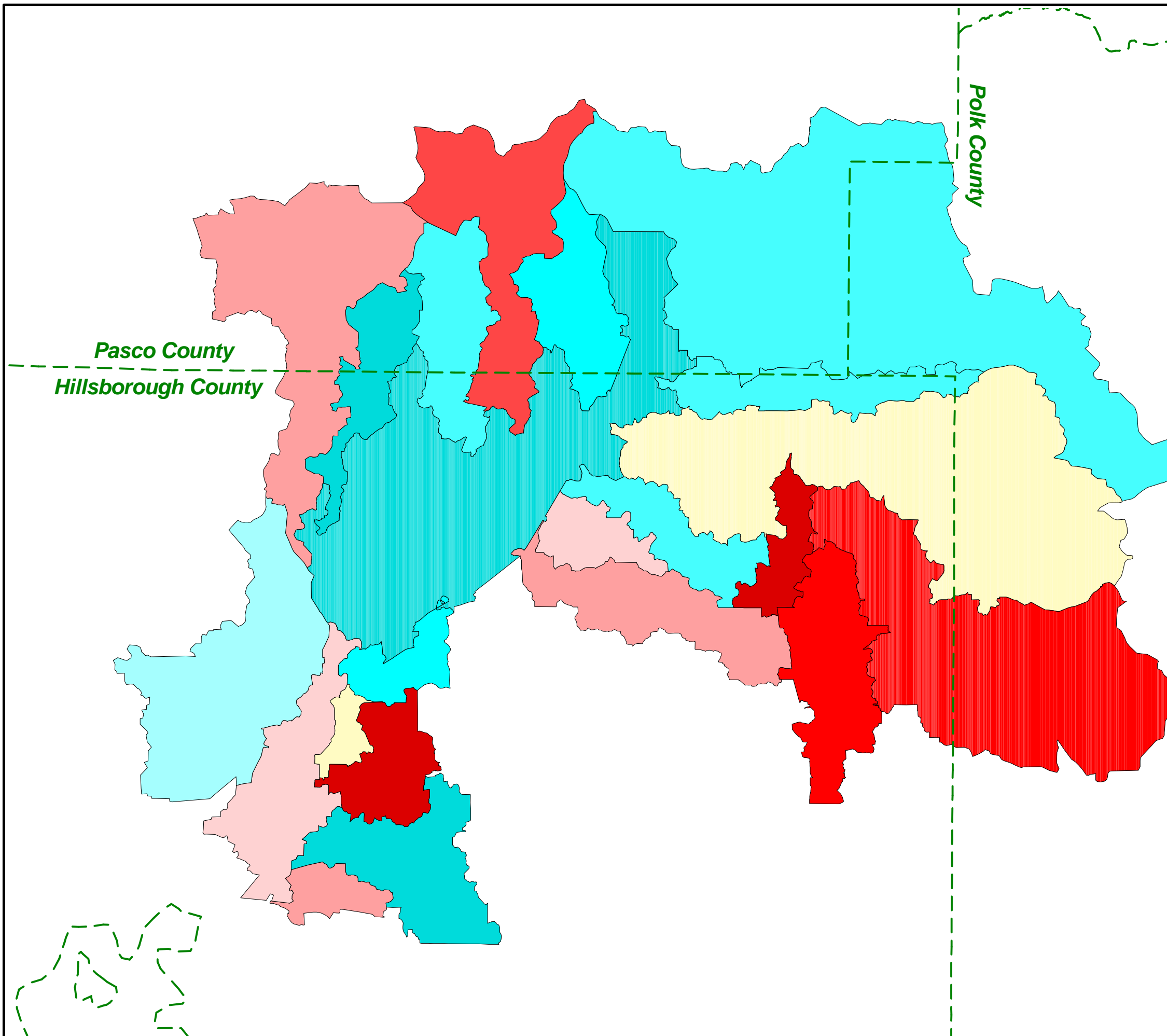













Figure 90

Future Land Use
Pollutant Loading by
Subbasin for
Hillsborough River
Watershed (lb/yr/acre): Cd

Legend:

-  County Boundary
- Pollutant Loading (lb/yr/acre):
-  0 - 0.004
-  0.004 - 0.006
-  0.006 - 0.009
-  0.009- 0.012
-  0.012- 0.015
-  0.015 - 0.019
-  0.019 - 0.022
-  0.022 - 0.027
-  0.027 - 0.032
-  over 0.032

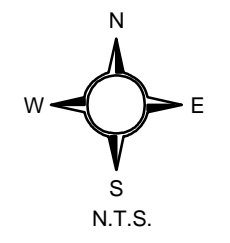
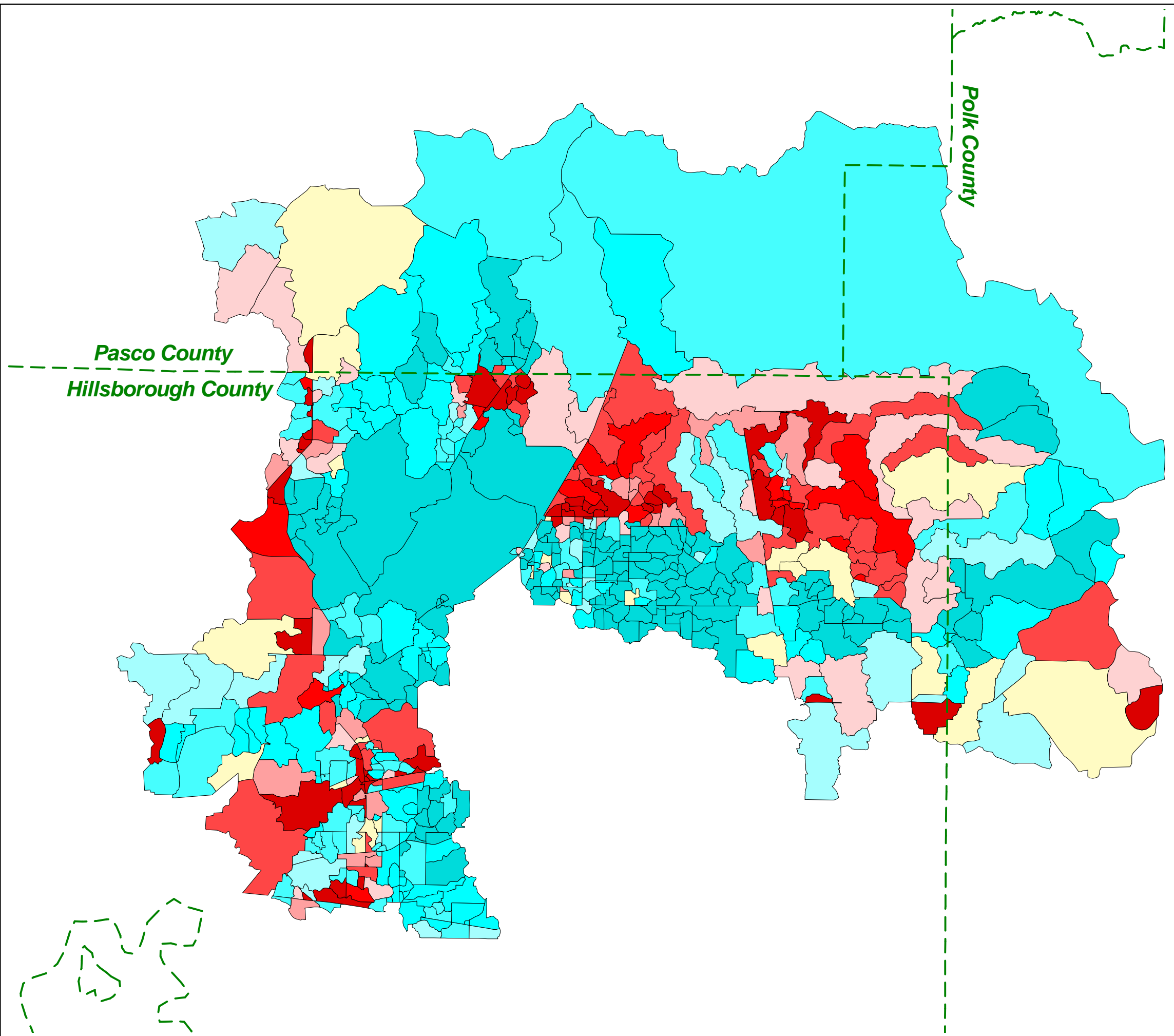













Figure 91

Future Land Use
Pollutant Loading by
Subwatershed for
Hillsborough River
Watershed (lb/yr/acre): Cd

Legend:

-  County Boundary
- Pollutant Loading (lb/yr/acre):
-  0 - 0.009
-  0.009 - 0.012
-  0.012 - 0.015
-  0.015 - 0.016
-  0.016 - 0.017
-  0.017 - 0.018
-  0.018 - 0.020
-  0.020 - 0.021
-  0.021 - 0.024
-  over 0.024

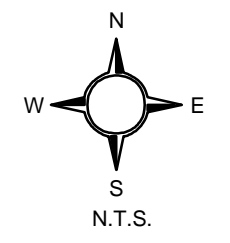
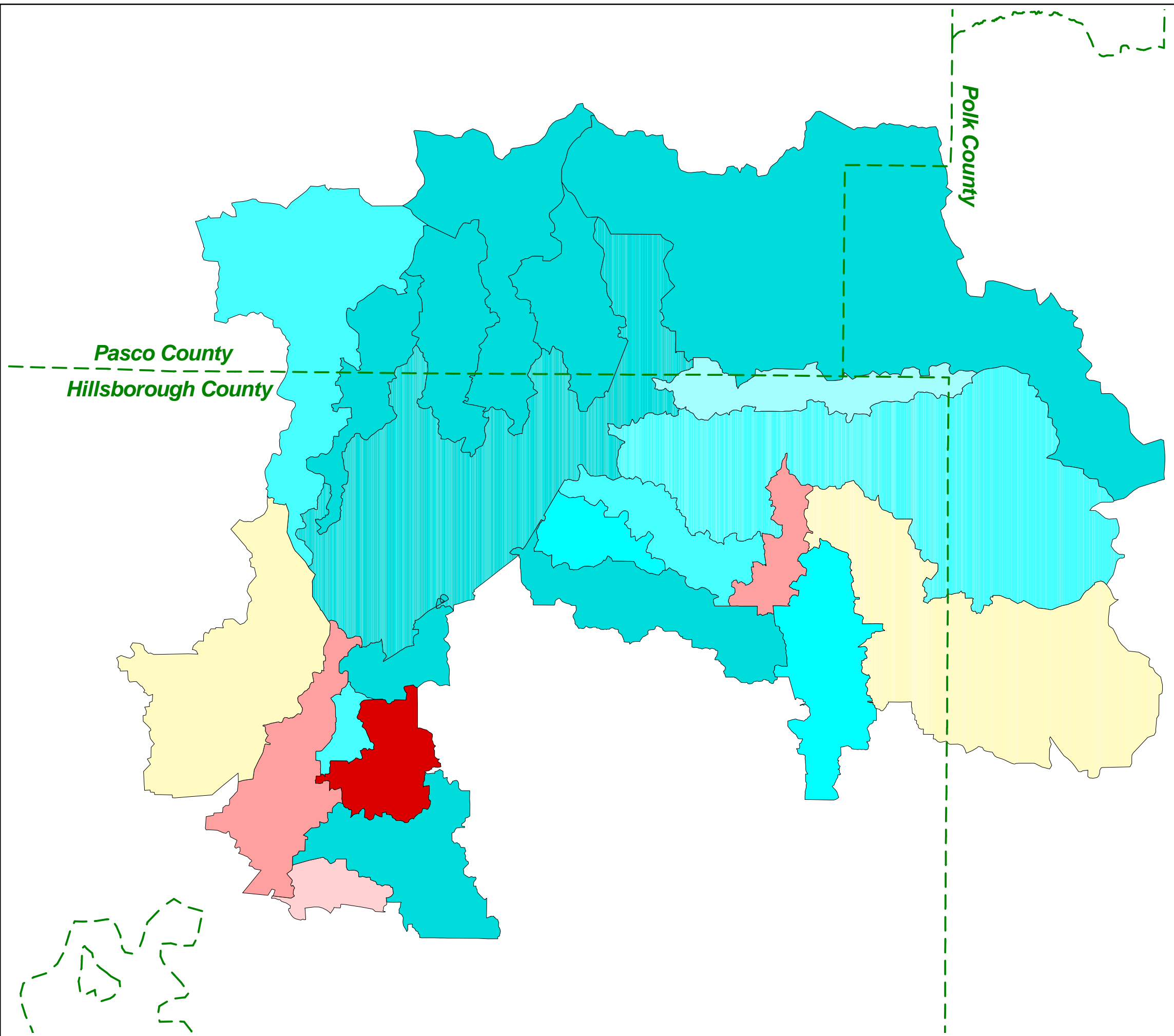
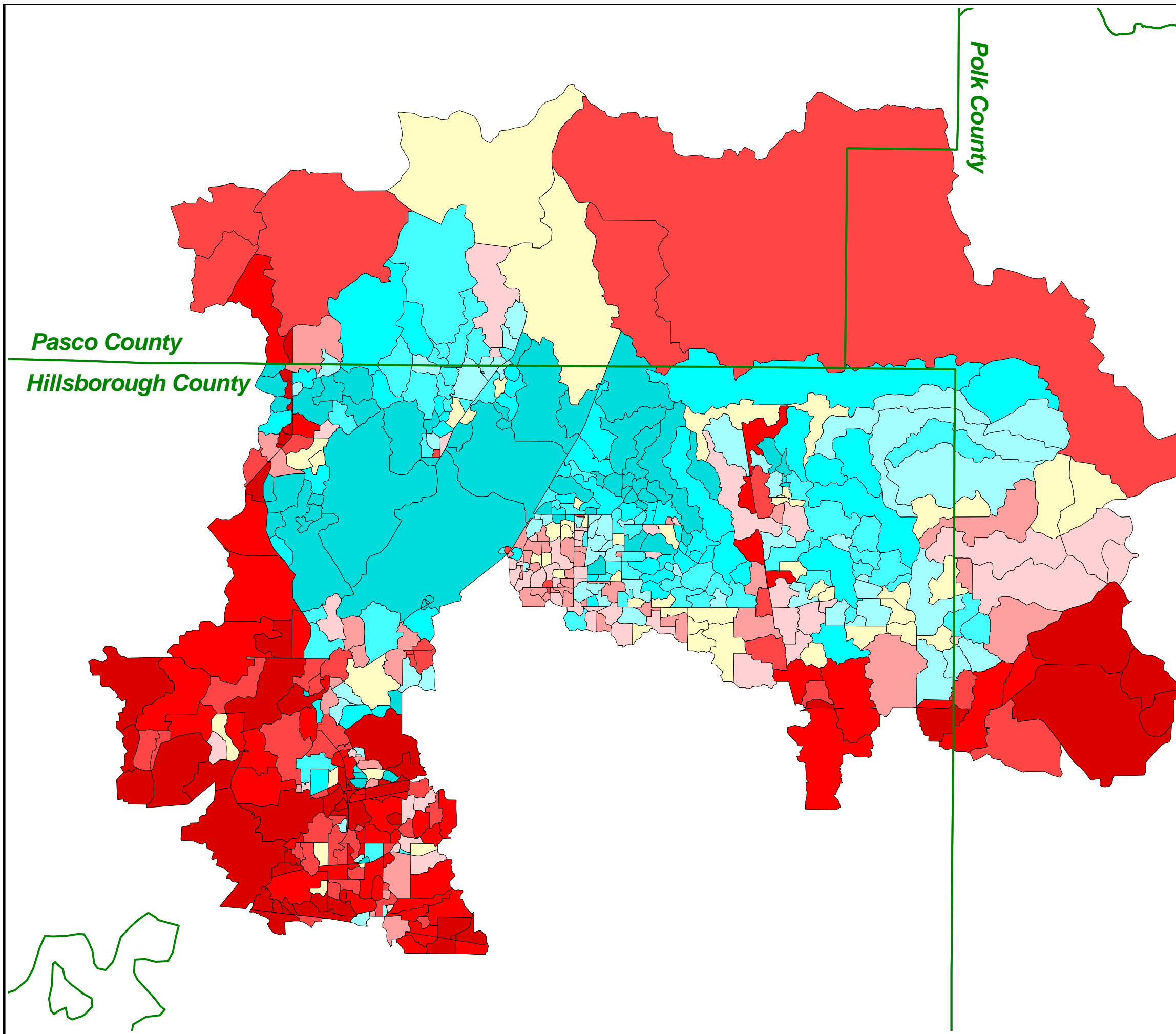


Figure 92



Pollutant Loading by Subbasin for Hillsborough River Watershed (lb/yr/acre): Zn

Legend:

County Boundary
 Pollutant Loading (lb/yr/acre):

- 0 - 0.016
- 0.016 - 0.027
- 0.027 - 0.034
- 0.034 - 0.039
- 0.039 - 0.044
- 0.044 - 0.052
- 0.052 - 0.067
- 0.067 - 0.112
- 0.112 - 0.182
- 0.182 - 1.51

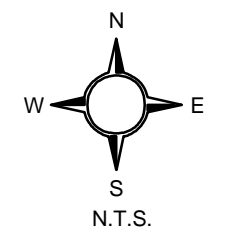











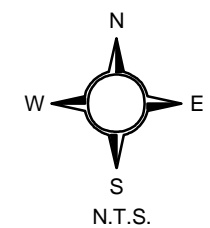
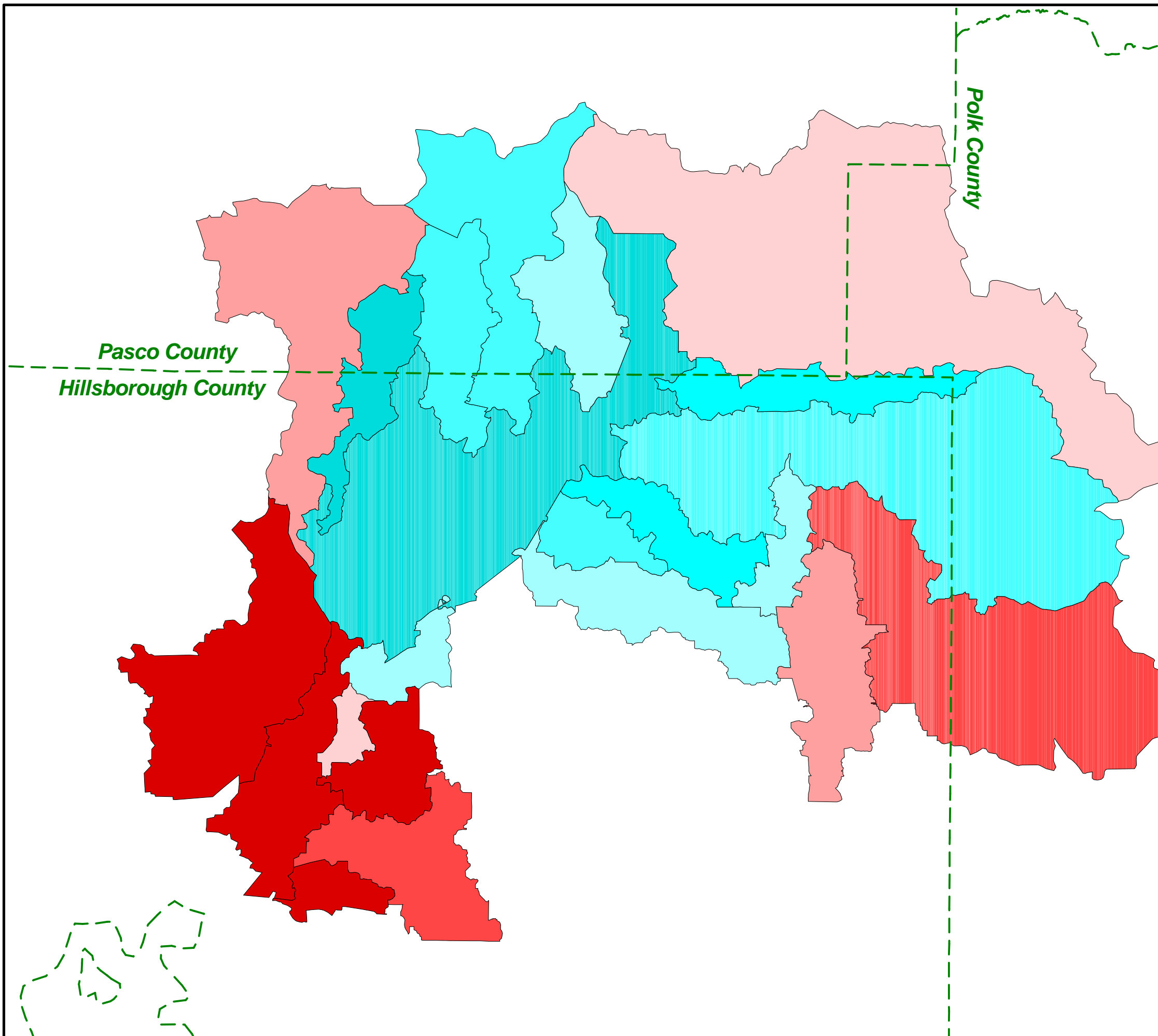


Figure 93

**Pollutant Loading by
Subwatershed for
Hillsborough River
Watershed (lb/yr/acre): Zn**

Legend:

-  County Boundary
- Pollutant Loading (lb/yr/acre):**
-  0 - 0.02
-  0.02 - 0.03
-  0.03 - 0.04
-  0.04 - 0.05
-  0.05 - 0.06
-  0.06 - 0.07
-  0.07 - 0.11
-  0.11 - 0.14
-  0.14 - 0.19
-  over 0.19














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Figure 94

Future Land Use
Pollutant Loading by
Subbasin for
Hillsborough River
Watershed (lb/yr/acre): Zn

Legend:

-  County Boundary
- Pollutant Loading (lb/yr/acre):**
-  0 - 0.016
-  0.016 - 0.027
-  0.027 - 0.034
-  0.034 - 0.039
-  0.039 - 0.044
-  0.044 - 0.052
-  0.052 - 0.067
-  0.067 - 0.112
-  0.112 - 0.182
-  over 0.182

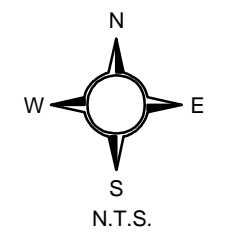
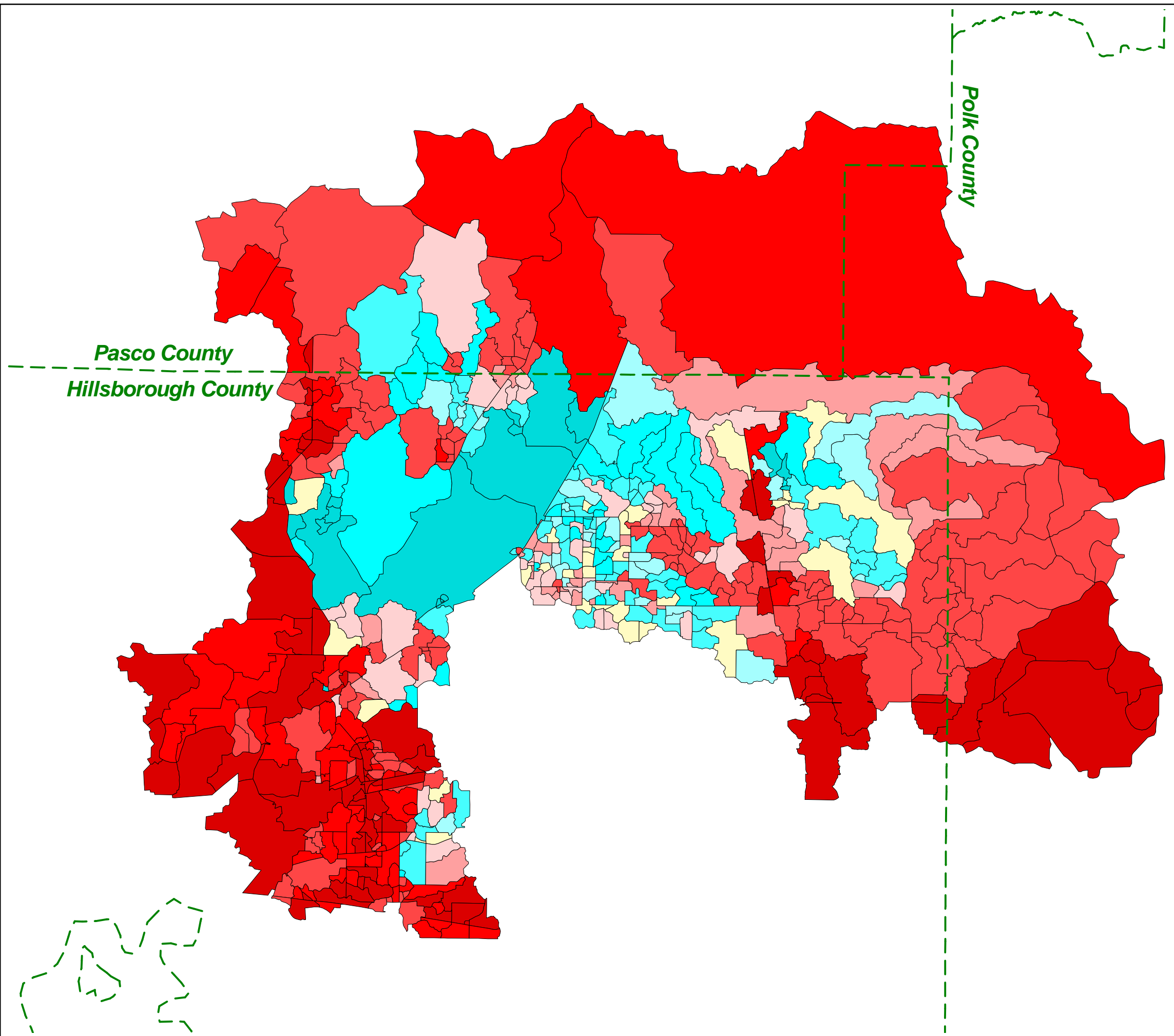













Figure 95

Future Land Use
Pollutant Loading by
Subwatershed for
Hillsborough River
Watershed (lb/yr/acre): Zn

Legend:

-  County Boundary
- Pollutant Loading (lb/yr/acre):
-  0 - 0.02
-  0.02 - 0.03
-  0.03 - 0.04
-  0.04 - 0.05
-  0.05 - 0.06
-  0.06 - 0.07
-  0.07 - 0.11
-  0.11 - 0.14
-  0.14 - 0.19
-  over 0.19

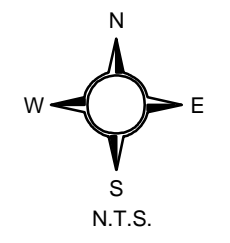
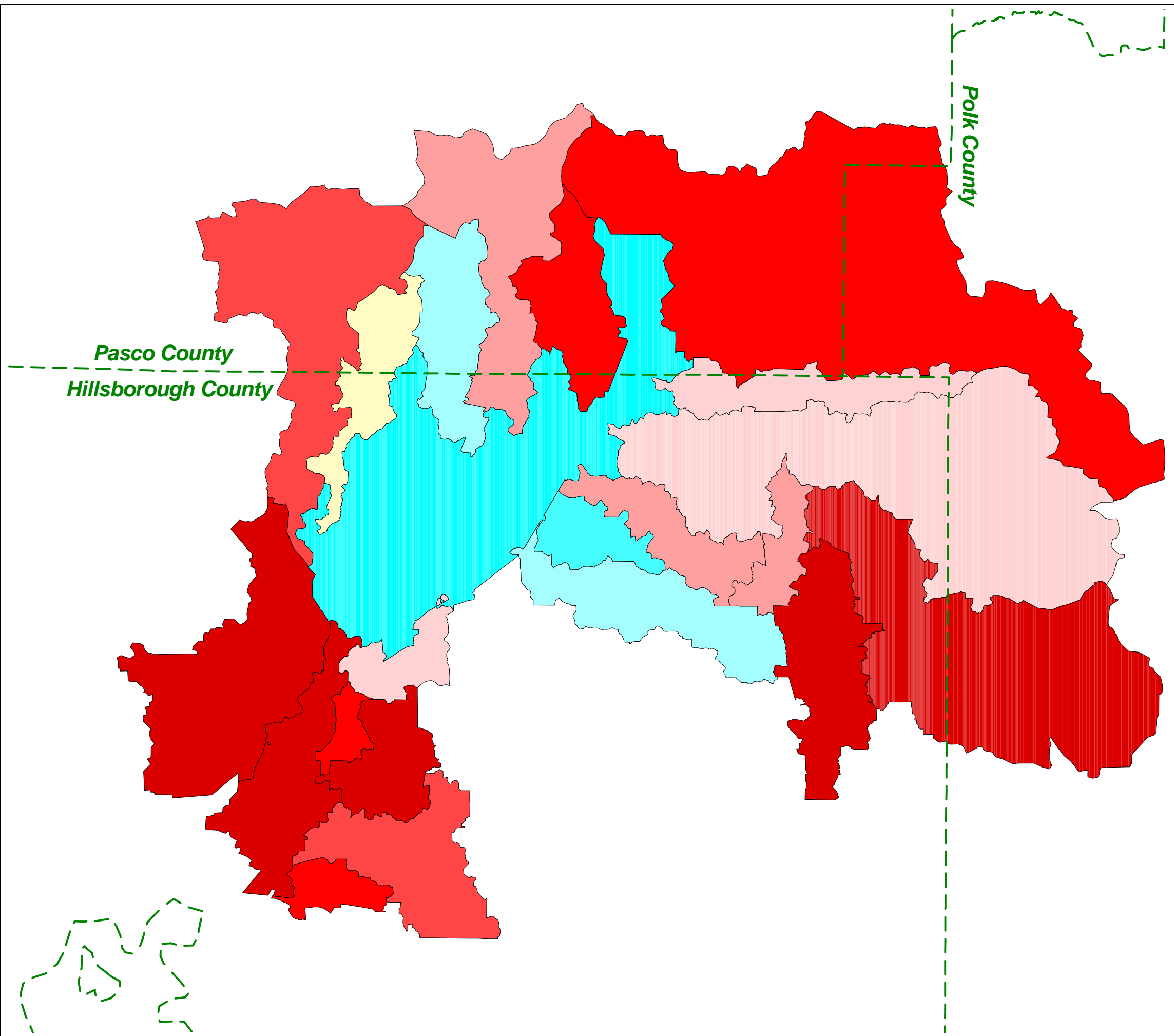







Figure 96

Water Quality Treatment
Level of Service by
Subbasin for
Hillsborough River
Watershed (lb/yr/acre): BOD5

Legend:

 County Boundary

Level of Service:

-  A
-  B
-  C
-  D
-  F

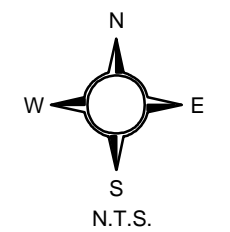
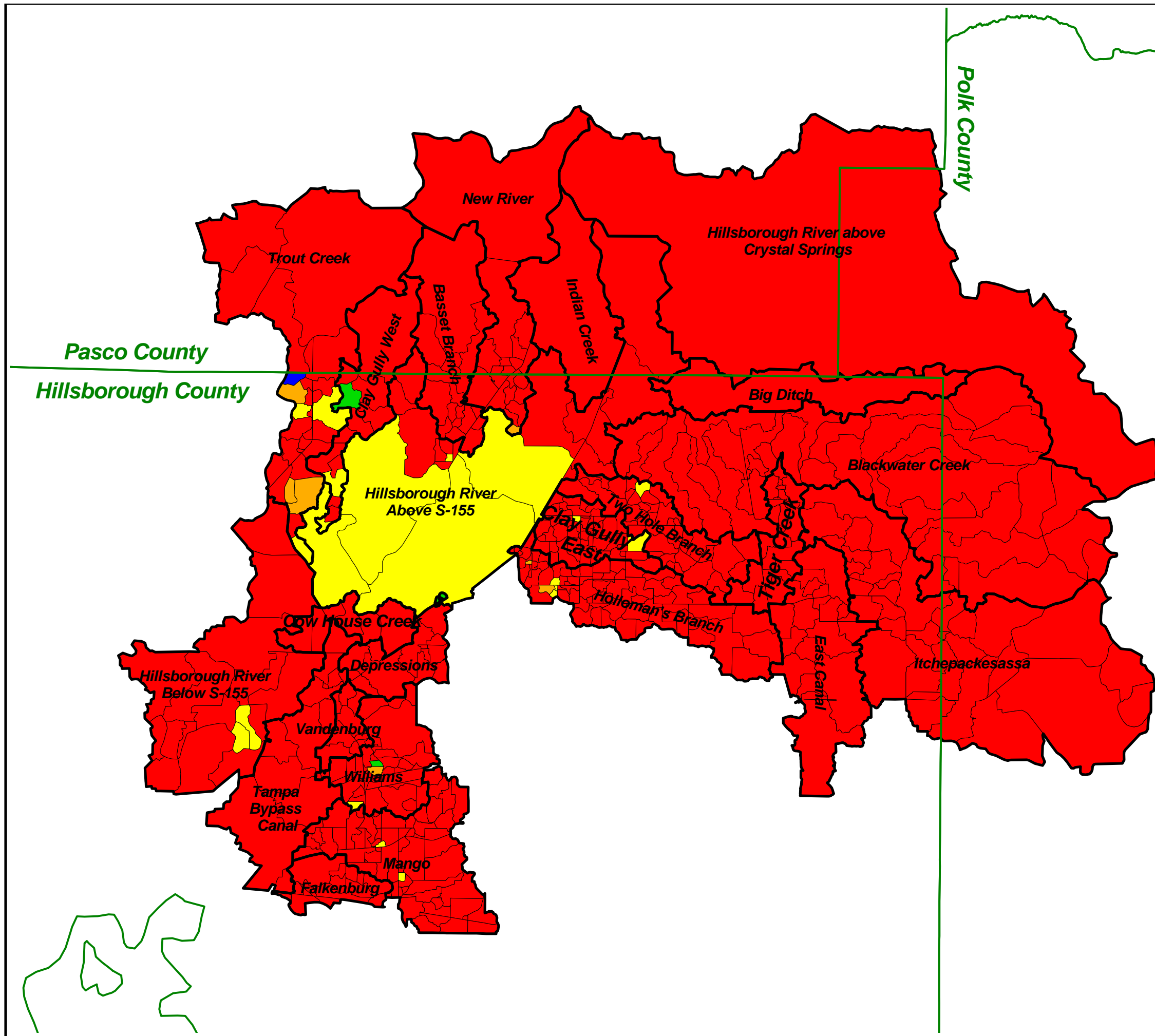







Figure 97

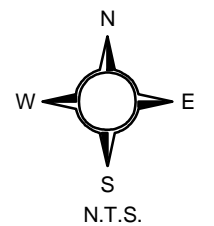
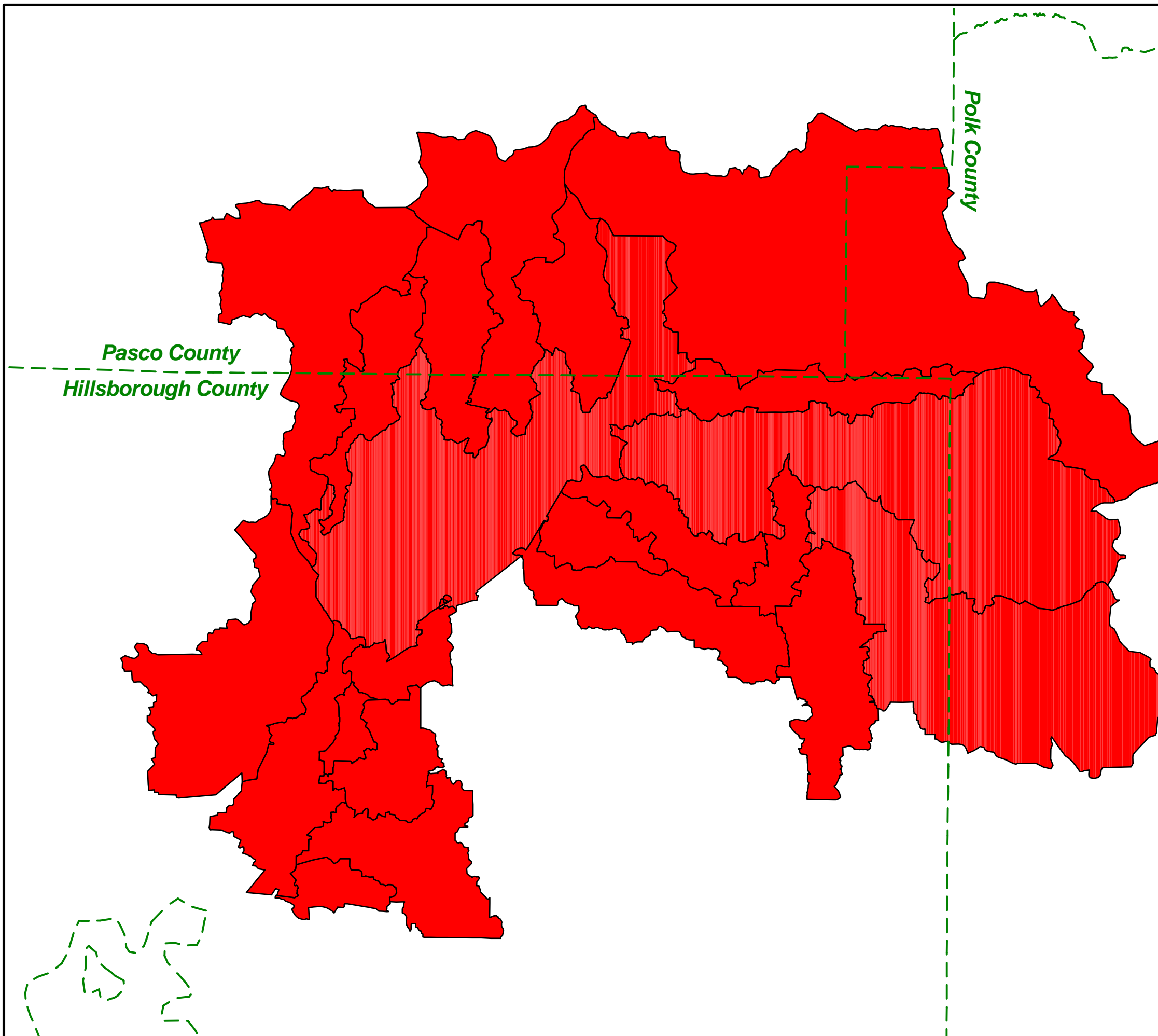
**Water Quality Treatment
Level of Service by
Subwatershed for
Hillsborough River
Watershed: BOD5**

Legend:

 County Boundary

Level of Service:

-  A
-  B
-  C
-  D
-  F









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Figure 98

Water Quality Treatment Level of Service by Subbasin Based on Future Land Use Classifications and Future Treatment Conditions (lb/yr/acre): BOD5

Legend:

-  County Boundary
- Level of Service:
 -  A
 -  B
 -  C
 -  D
 -  F

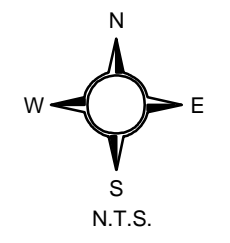
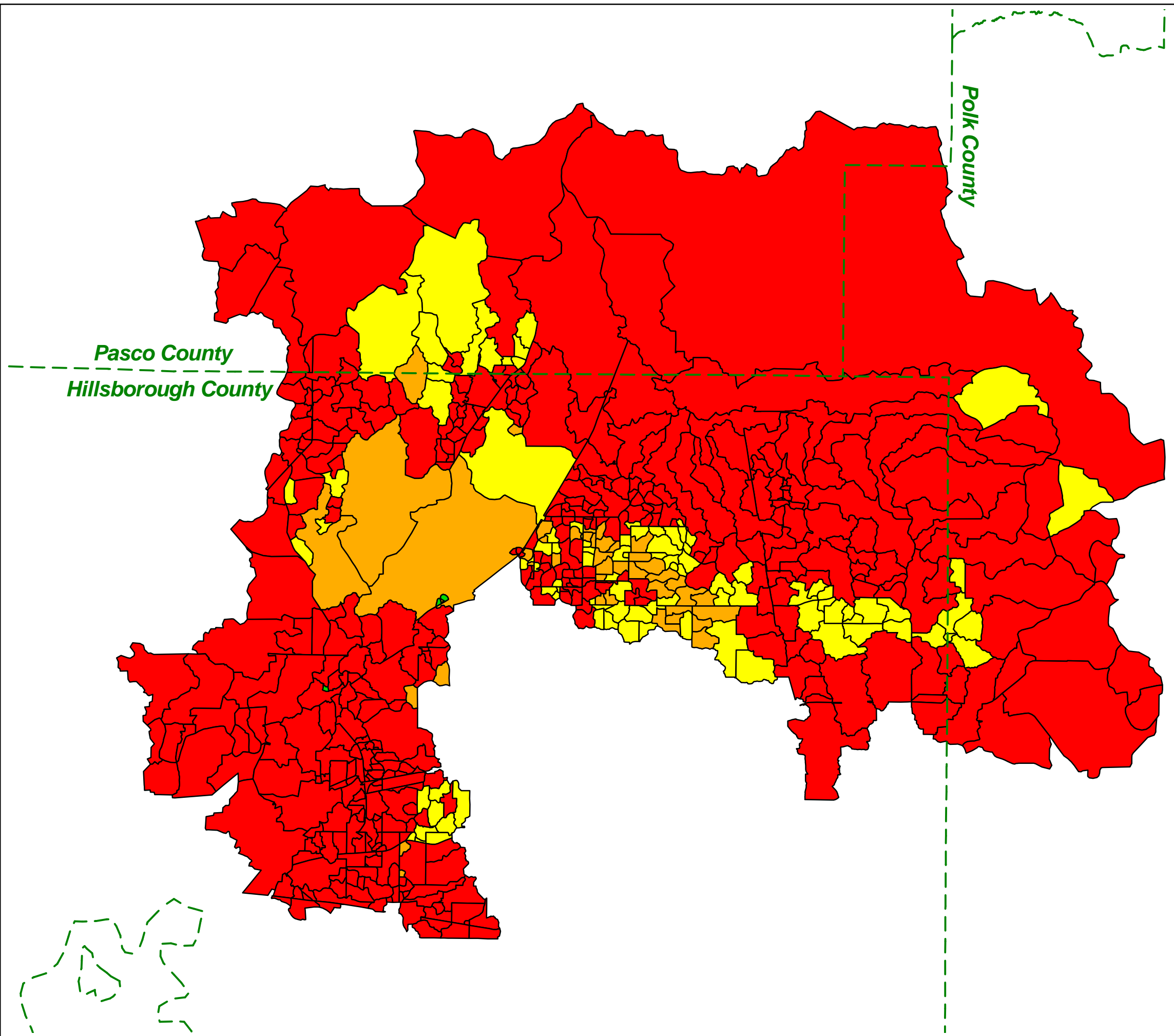


Figure 99

Water Quality Treatment Level of Service by Subwatershed Based on Future Land Use Classifications and Future Treatment Conditions (lb/yr/acre): BOD5

Legend:

- County Boundary
- Pollutant Loading (lb/yr/acre):
 - A
 - B
 - C
 - D
 - F

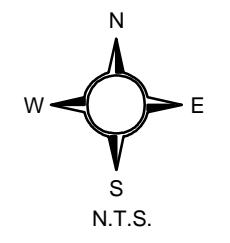
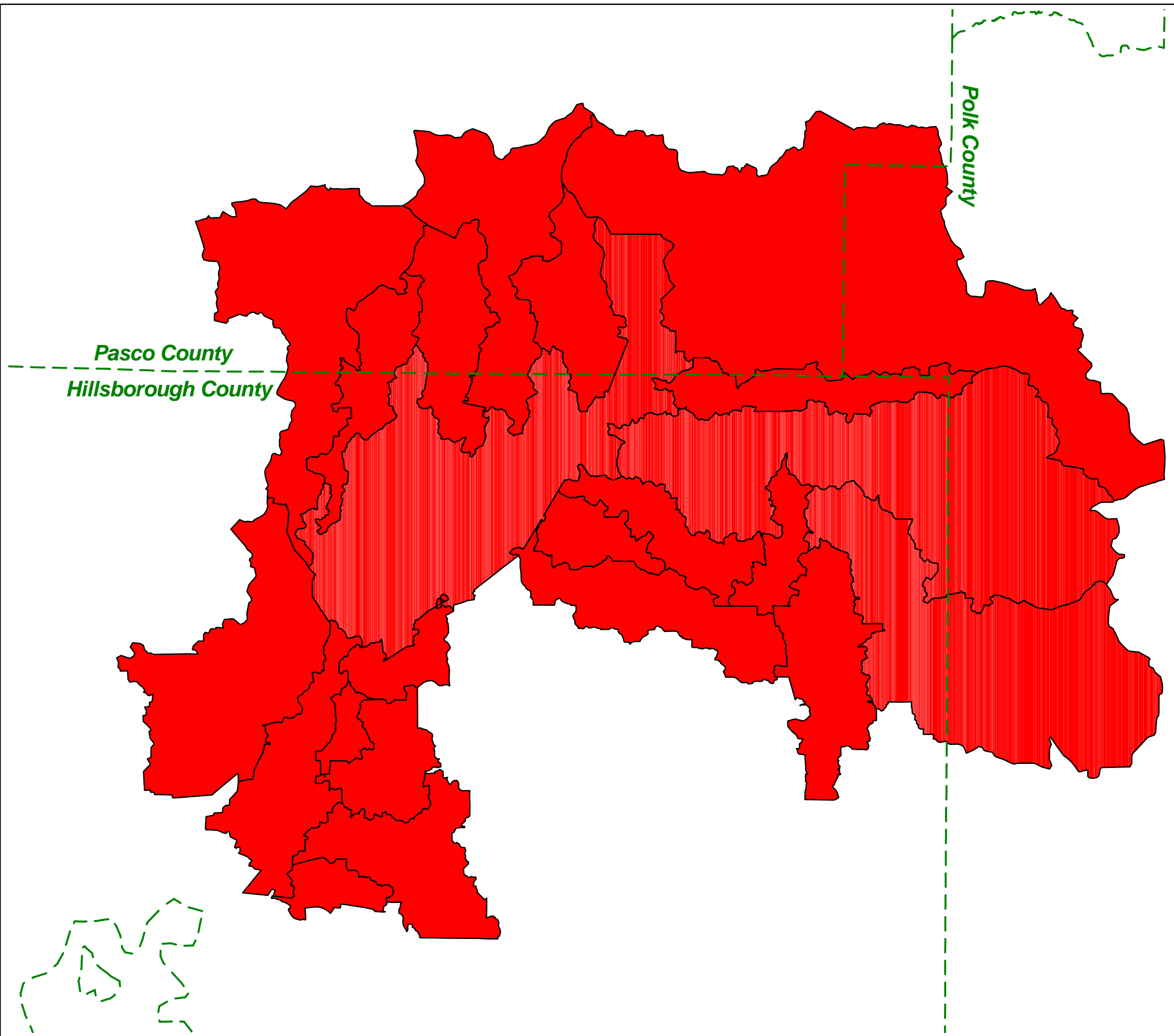







Figure 100

**Water Quality Treatment
Level of Service by
Subbasin for
Hillsborough River
Watershed (lb/yr/acre): TSS**

Legend:

 County Boundary

Level of Service:

-  A
-  B
-  C
-  D
-  F

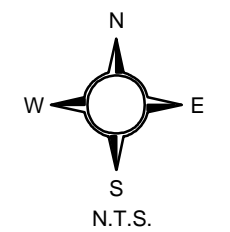
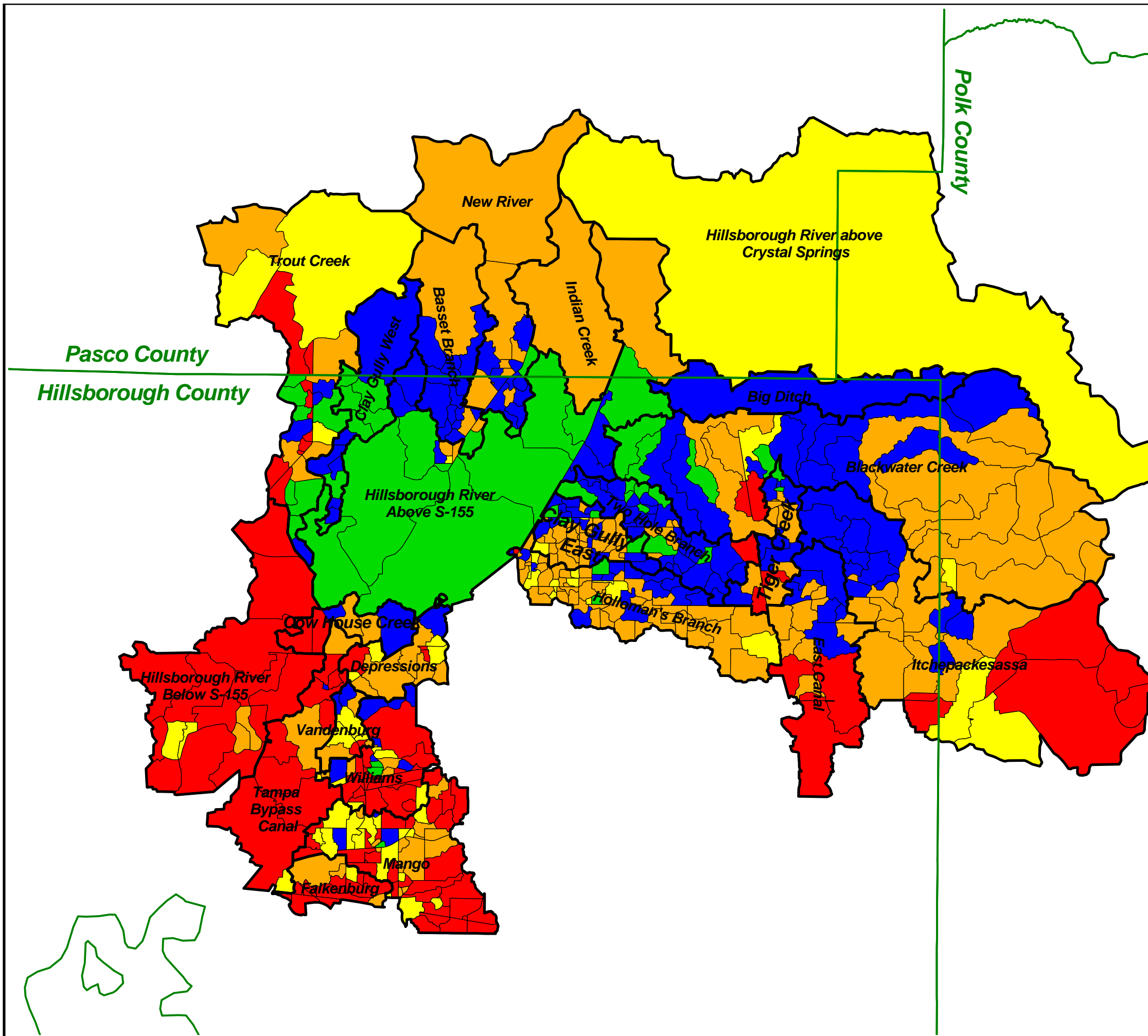








Figure 101

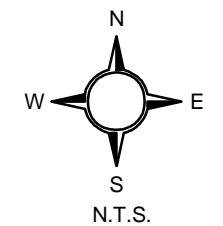
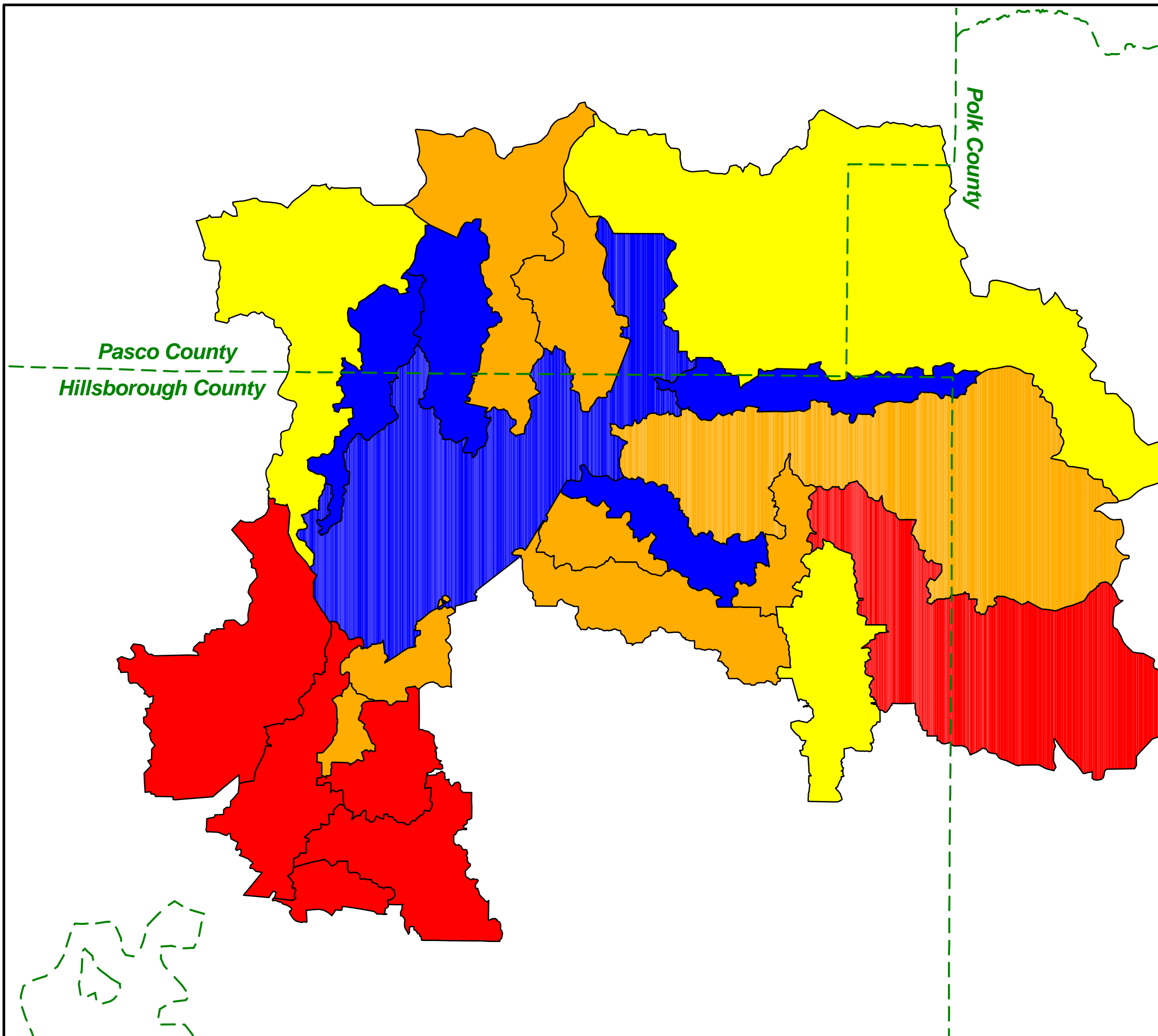
**Water Quality Treatment
Level of Service by
Subwatershed for
Hillsborough River
Watershed: TSS**

Legend:

 County Boundary

Level of Service:

-  A
-  B
-  C
-  D
-  F









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Figure 102

Water Quality Treatment Level of Service by Subbasin Based on Future Land Use Classifications and Future Treatment Conditions (lb/yr/acre): TSS

Legend:

-  County Boundary
- Level of Service:
 -  A
 -  B
 -  C
 -  D
 -  F

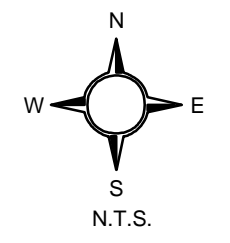
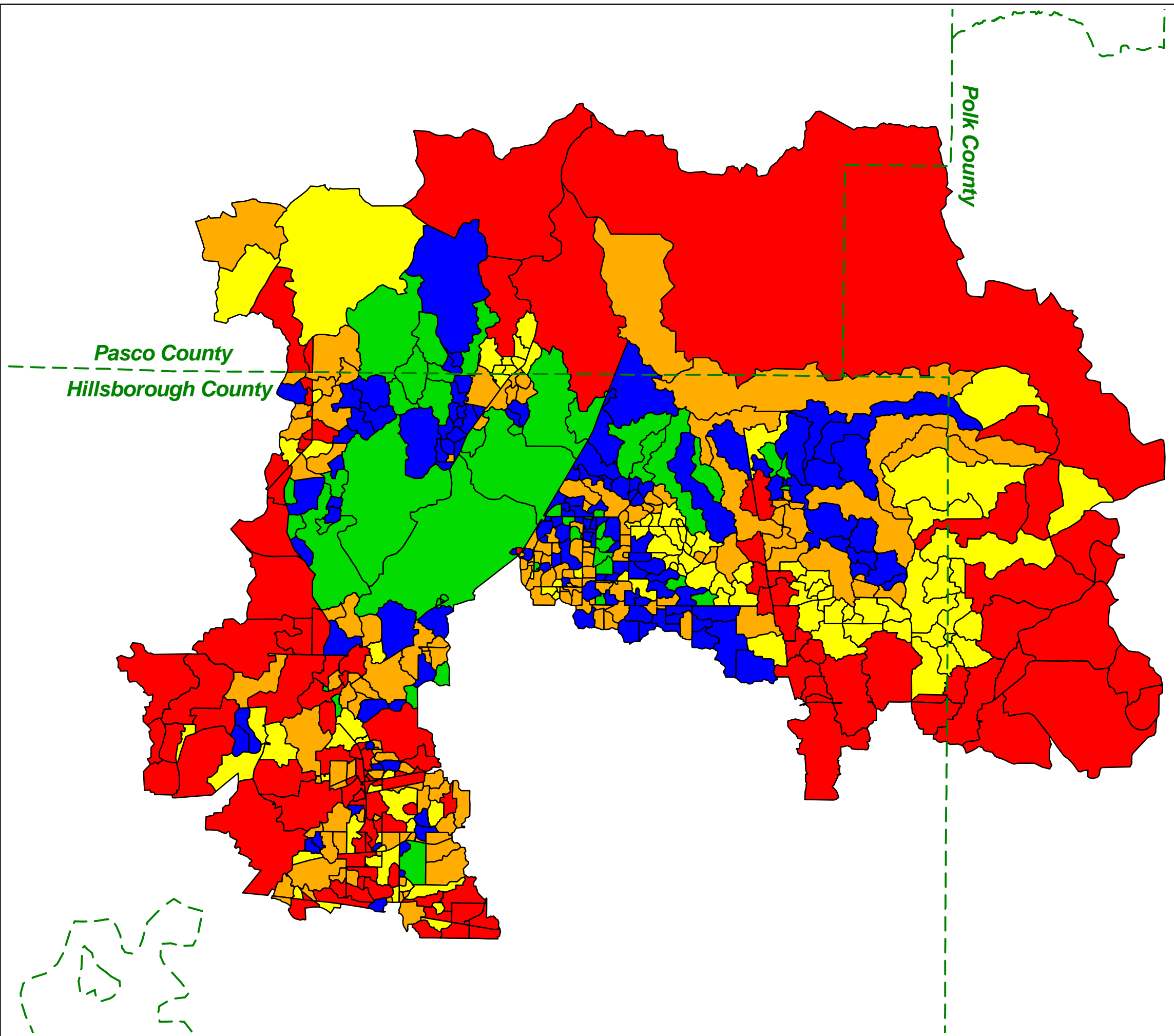








Figure 103

Water Quality Treatment Level of Service by Subwatershed Based on Future Land Use Classifications and Future Treatment Conditions (lb/yr/acre): TSS

Legend:

-  County Boundary
- Level of Service:
 -  A
 -  B
 -  C
 -  D
 -  F

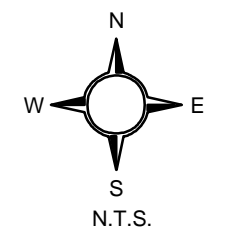
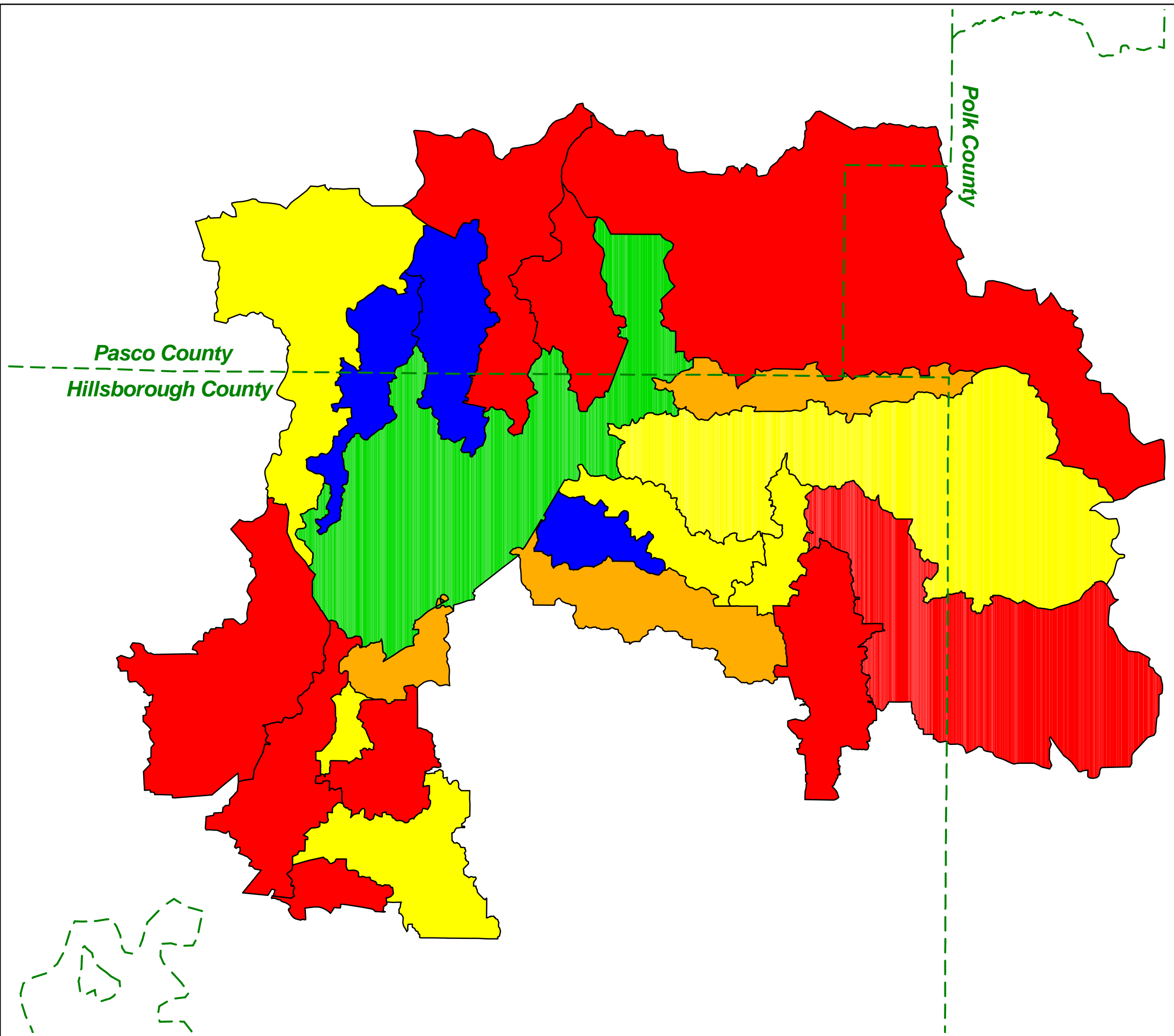







Figure 104

Water Quality Treatment
Level of Service by
Subbasin for
Hillsborough River
Watershed (lb/yr/acre): TN

Legend:

 County Boundary

Level of Service:

-  A
-  B
-  C
-  D
-  F

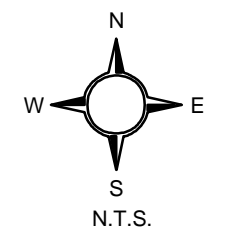
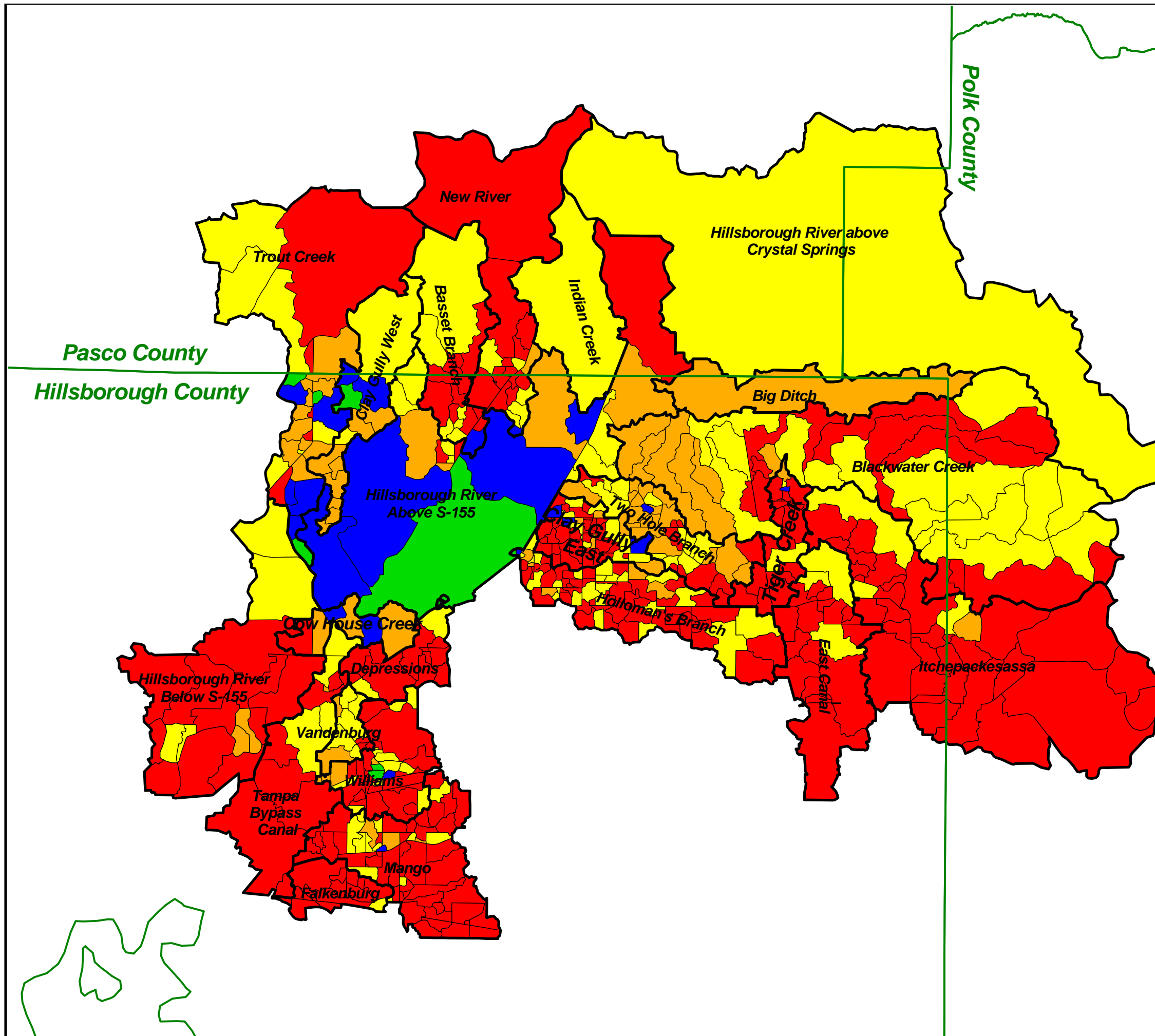








Figure 105

**Water Quality Treatment
Level of Service by
Subwatershed for
Hillsborough River
Watershed: TN**

Legend:

 County Boundary

Level of Service:

-  A
-  B
-  C
-  D
-  F

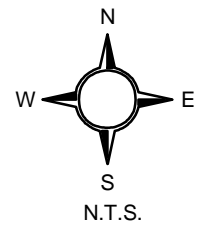
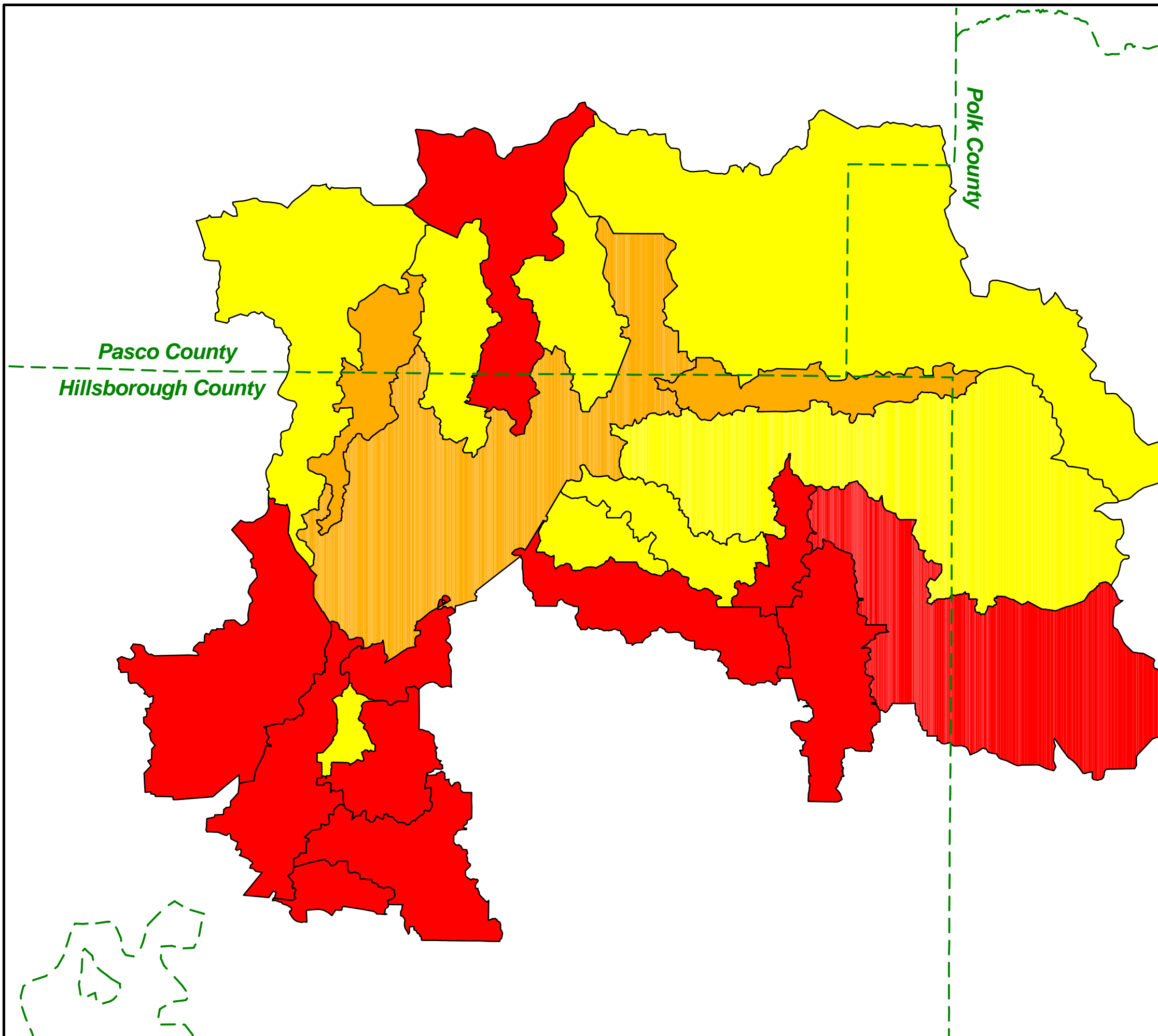








Figure 106

Water Quality Treatment
Level of Service
by Subbasin
Based on Future Land Use
Classifications and
Future Treatment Conditions
(lb/yr/acre): TN

Legend:

-  County Boundary
- Level of Service:
 -  A
 -  B
 -  C
 -  D
 -  F

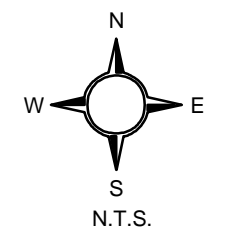
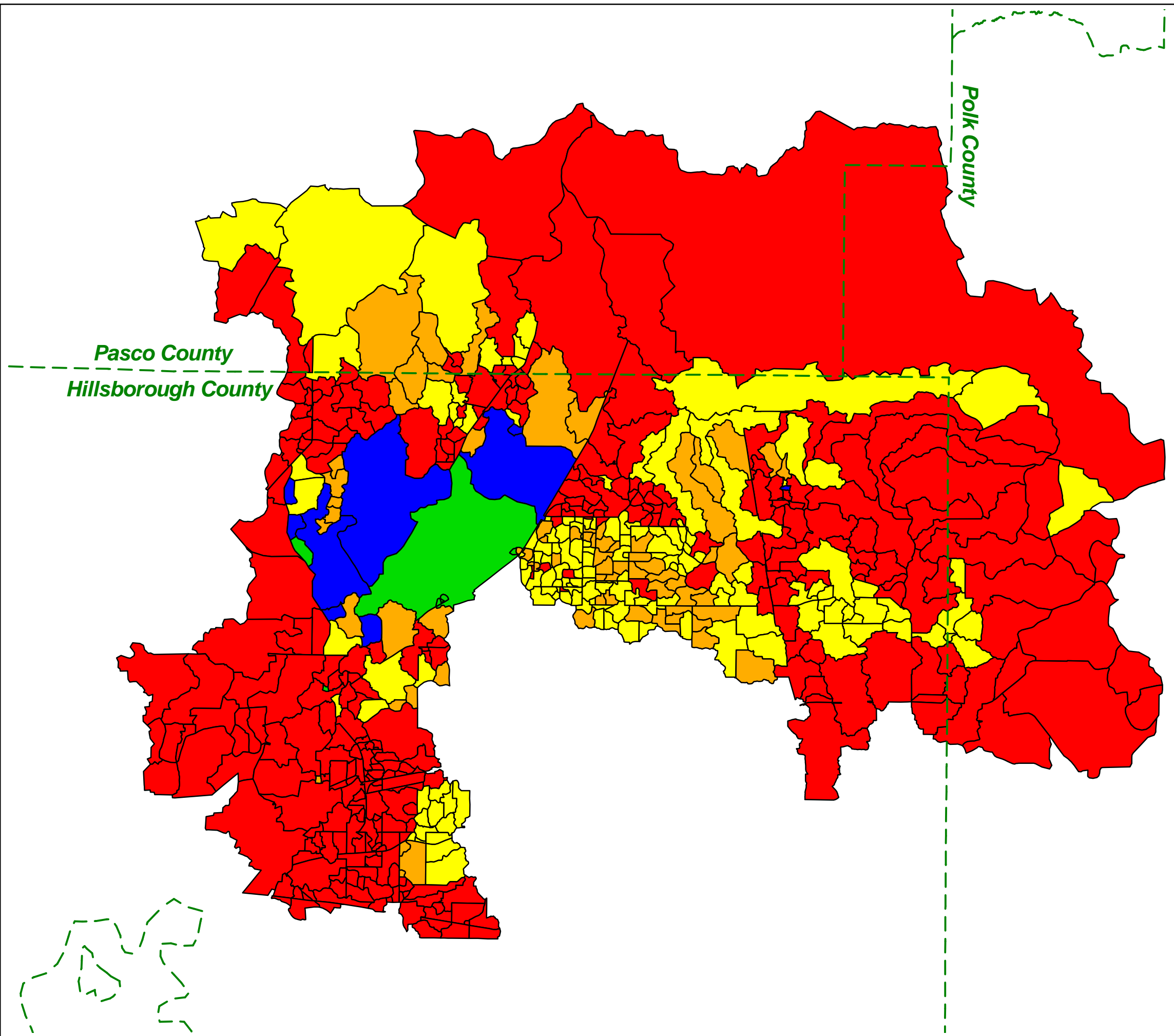








Figure 107

Water Quality Treatment Level of Service by Subwatershed Based on Future Land Use Classifications and Future Treatment Conditions (lb/yr/acre): TN

Legend:

-  County Boundary
- Level of Service:
 -  A
 -  B
 -  C
 -  D
 -  F

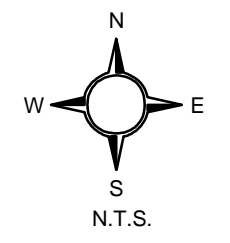
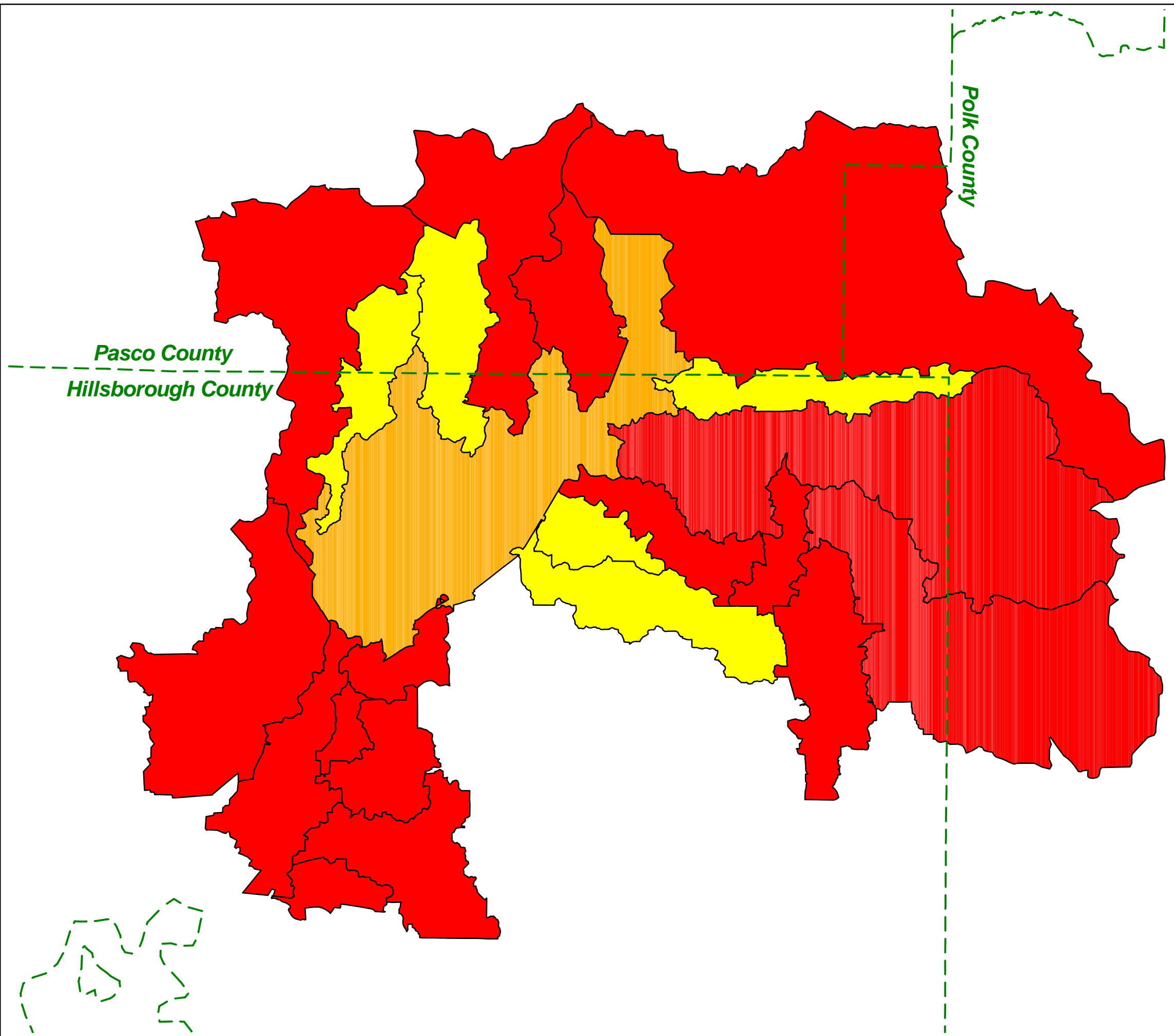







Figure 108

**Water Quality Treatment
Level of Service by
Subbasin for
Hillsborough River
Watershed (lb/yr/acre): NO3NO2**

Legend:

 County Boundary

Level of Service:

-  A
-  B
-  C
-  D
-  F

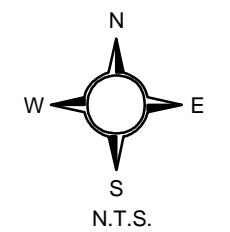
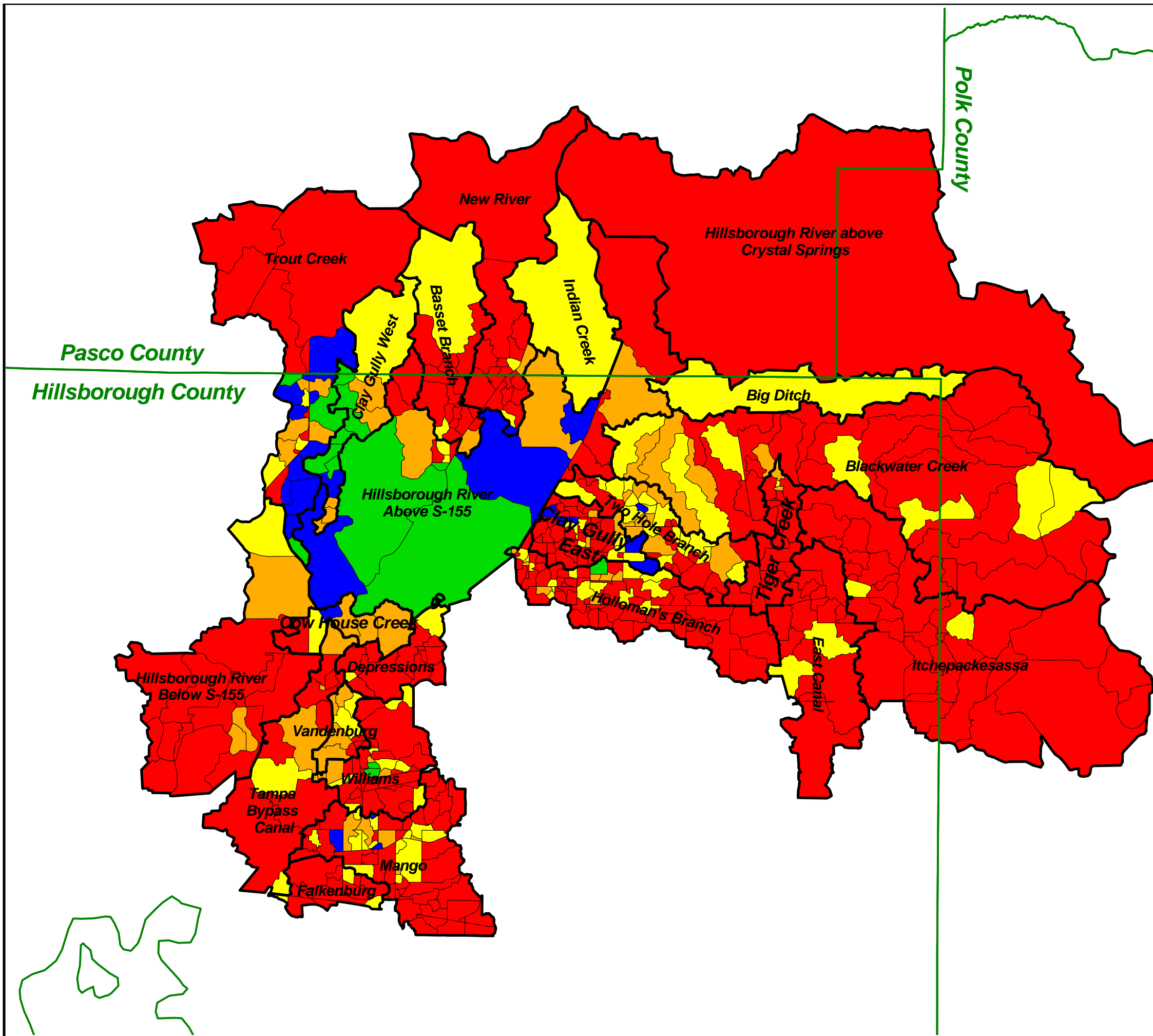








Figure 109

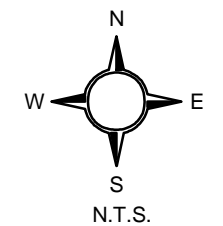
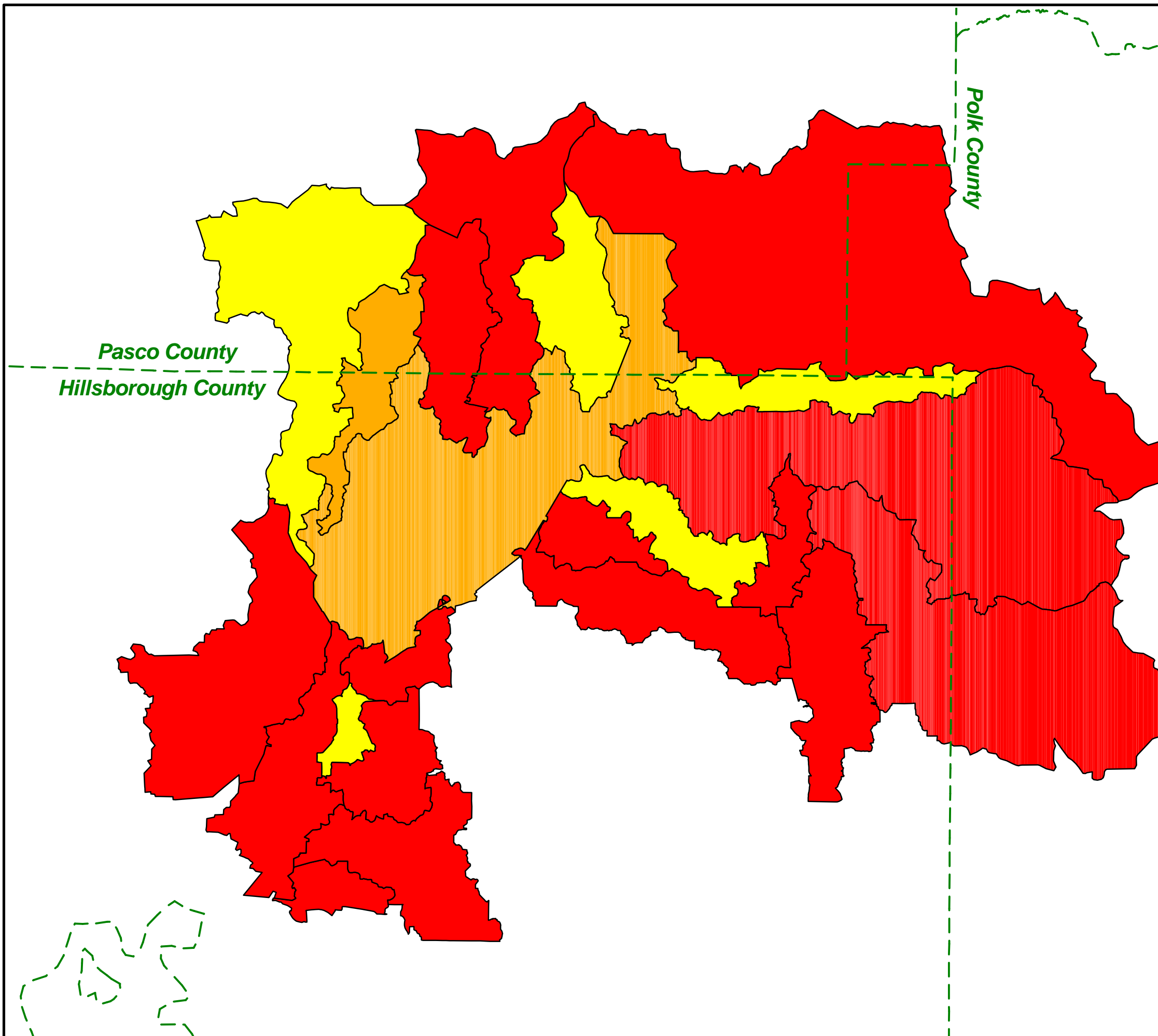
**Water Quality Treatment
Level of Service by
Subwatershed for
Hillsborough River
Watershed: NO3NO2**

Legend:

 County Boundary

Level of Service:

-  A
-  B
-  C
-  D
-  F









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Figure 110

Water Quality Treatment Level of Service by Subbasin Based on Future Land Use Classifications and Future Treatment Conditions (lb/yr/acre): NO3NO2

Legend:

-  County Boundary
- Level of Service:
 -  A
 -  B
 -  C
 -  D
 -  F

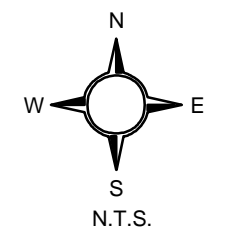
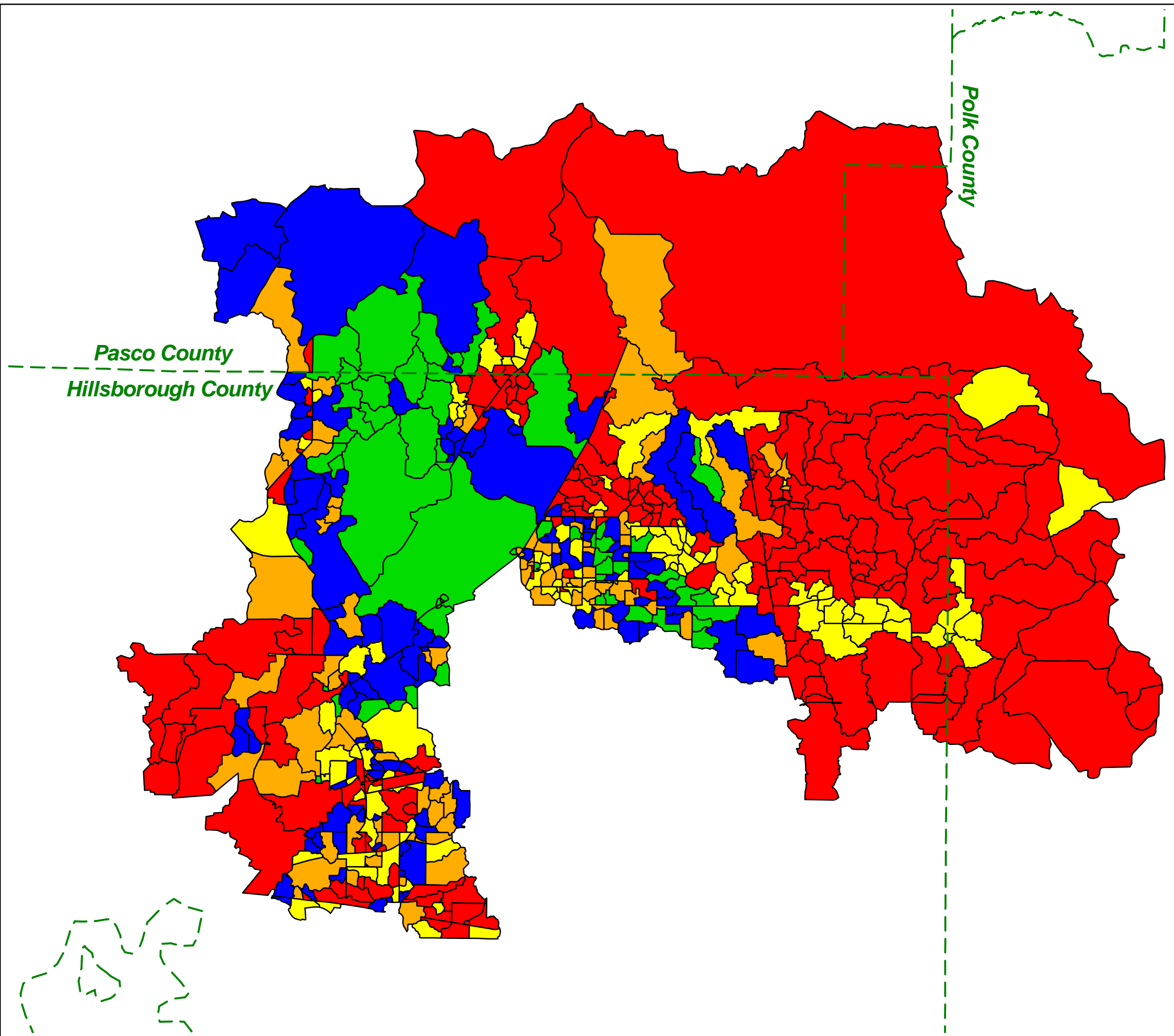








Figure 111

Water Quality Treatment Level of Service by Subwatershed Based on Future Land Use Classifications and Future Treatment Conditions (lb/yr/acre): NO3NO2

Legend:

-  County Boundary
- Level of Service:
 -  A
 -  B
 -  C
 -  D
 -  F

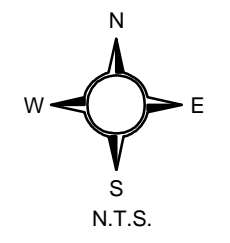
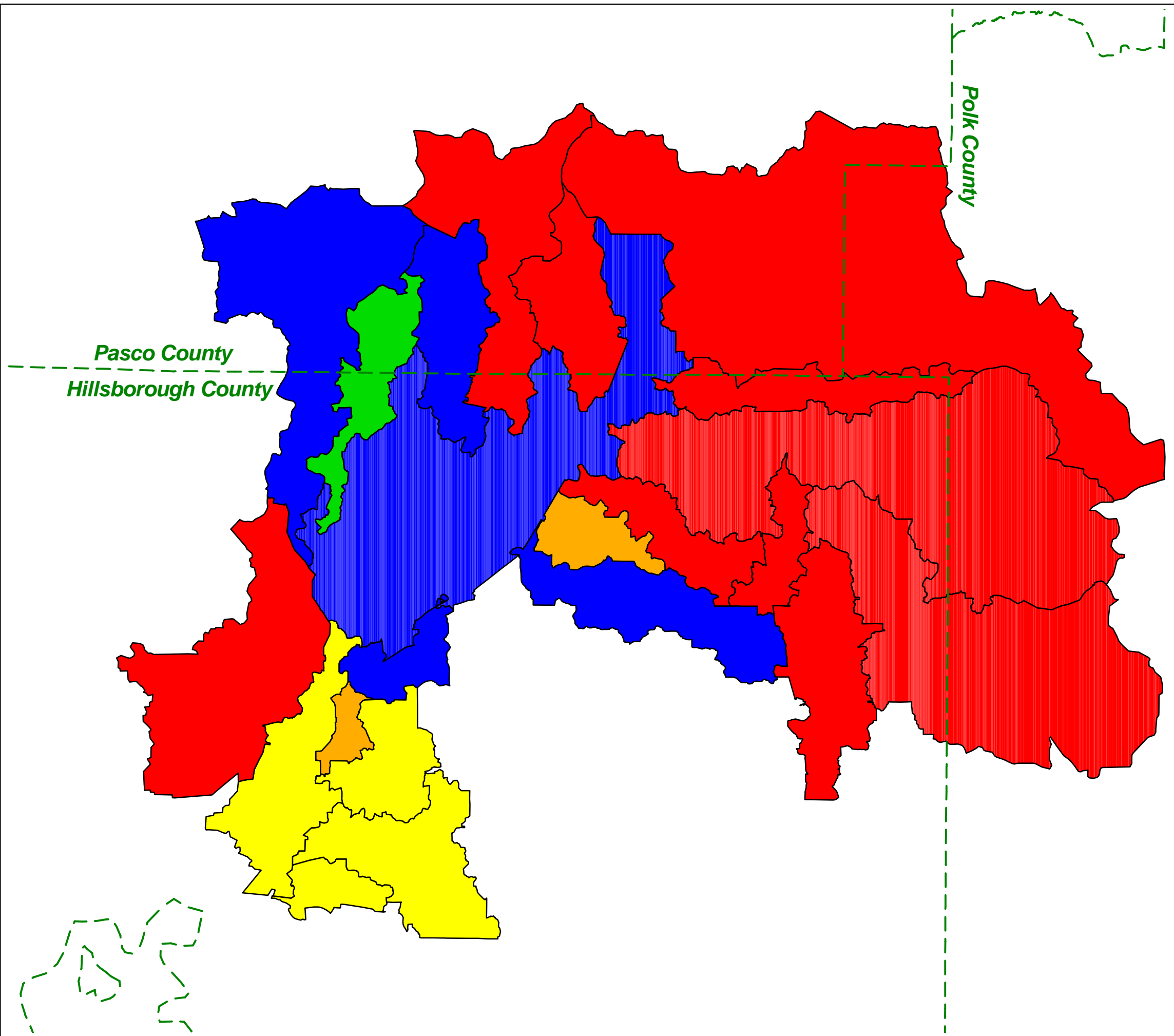







Figure 112

Water Quality Treatment
Level of Service by
Subbasin for
Hillsborough River
Watershed (lb/yr/acre): TKN

Legend:

 County Boundary

Level of Service:

-  A
-  B
-  C
-  D
-  F

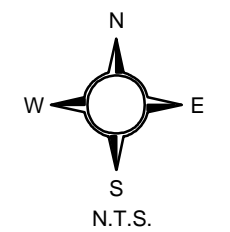
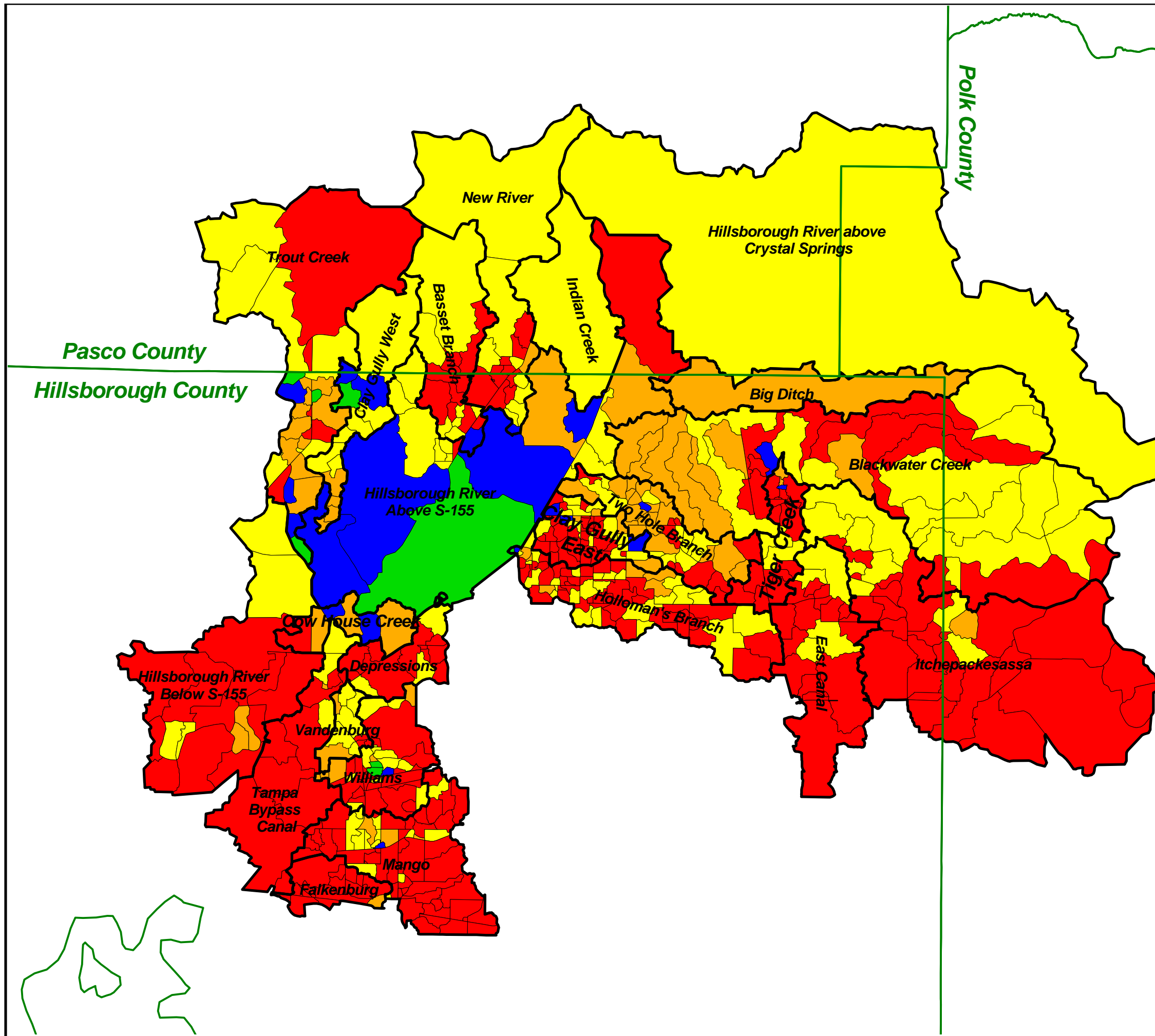






Figure 113

**Water Quality Treatment
Level of Service by
Subwatershed for
Hillsborough River
Watershed: TKN**

Legend:

 County Boundary

Level of Service:

-  A
-  B
-  C
-  D
-  F

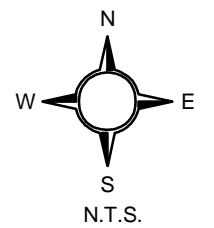
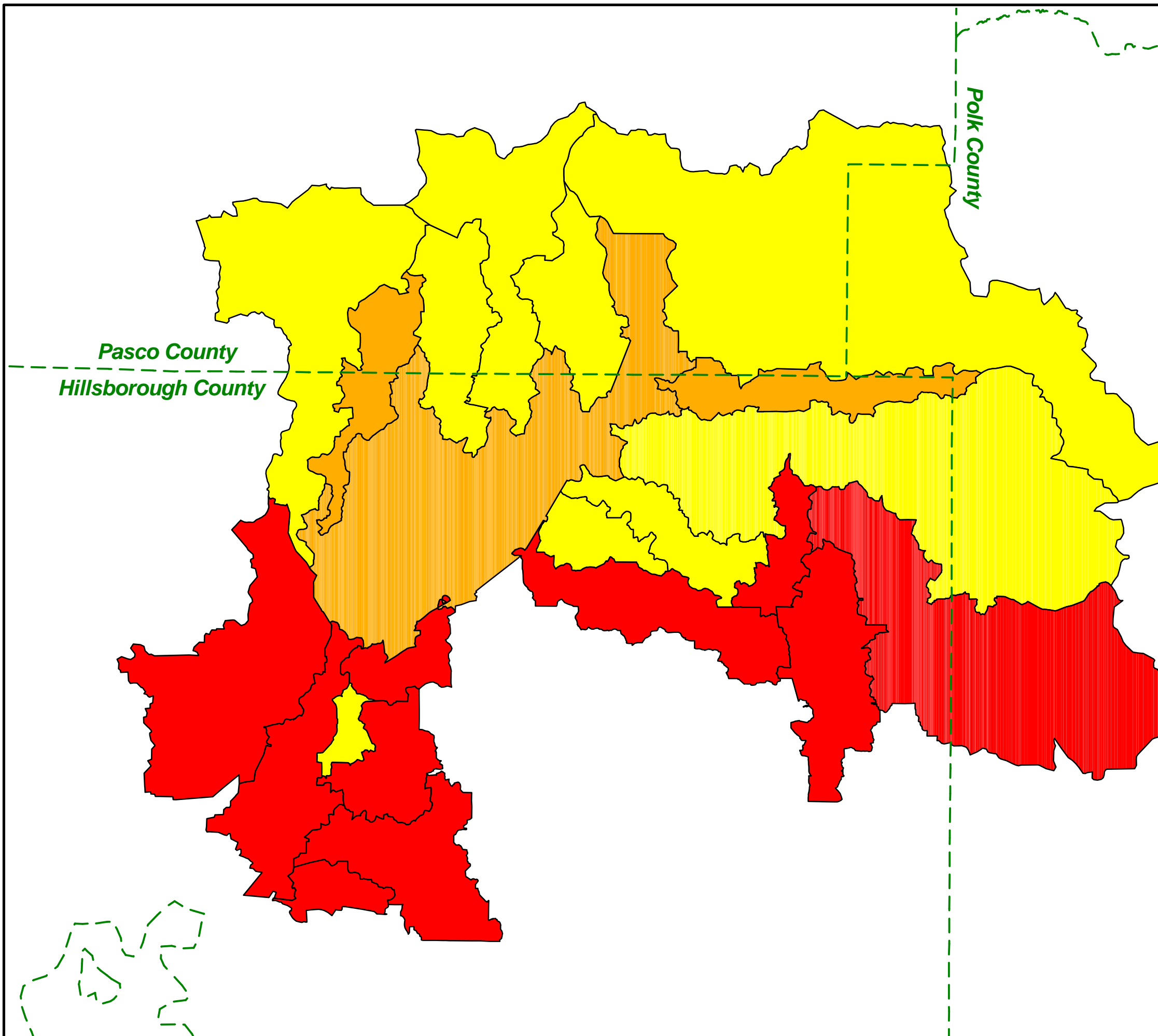








Figure 114

Water Quality Treatment Level of Service by Subbasin Based on Future Land Use Classifications and Future Treatment Conditions (lb/yr/acre): TKN

Legend:

-  County Boundary
- Level of Service:
 -  A
 -  B
 -  C
 -  D
 -  F

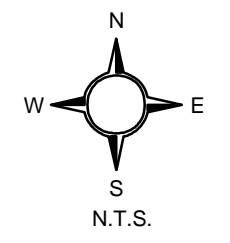
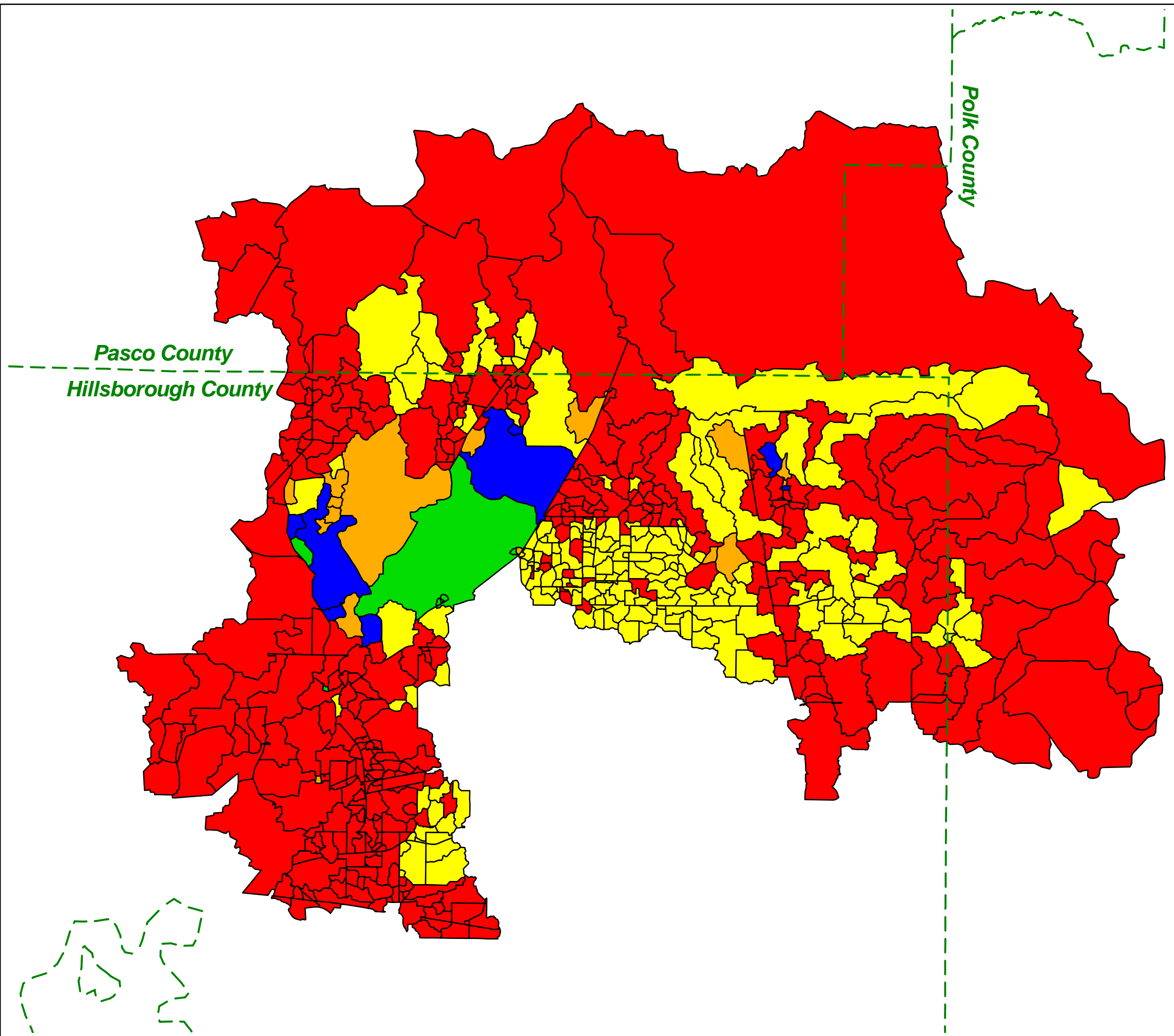








Figure 115

Water Quality Treatment
Level of Service
by Subwatershed
Based on Future Land Use
Classifications and
Future Treatment Conditions
(lb/yr/acre): TKN

Legend:

-  County Boundary
- Level of Service:
 -  A
 -  B
 -  C
 -  D
 -  F

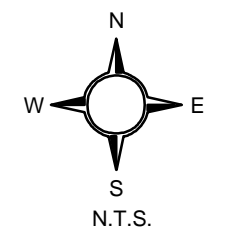
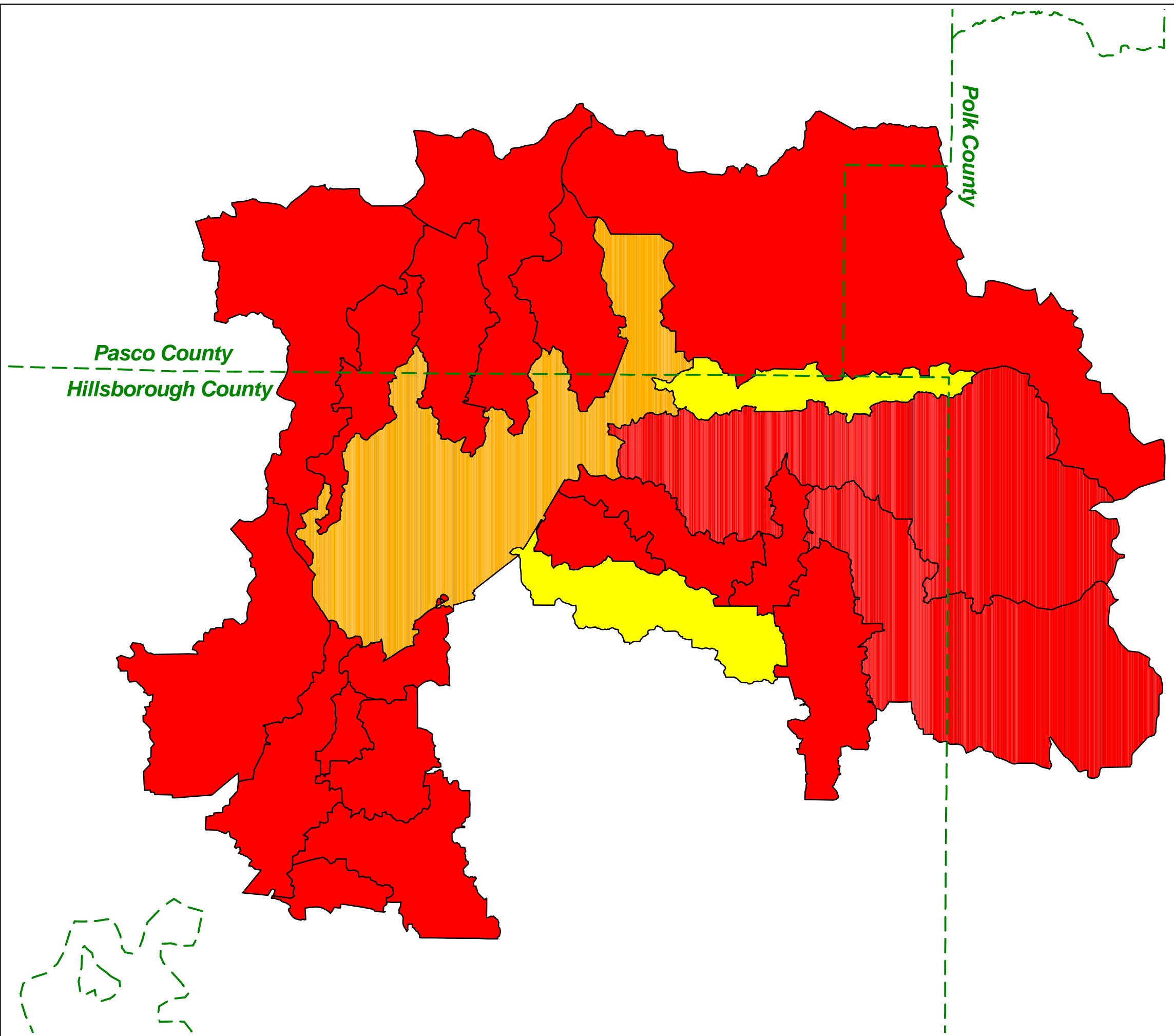







Figure 116

Water Quality Treatment
Level of Service by
Subbasin for
Hillsborough River
Watershed (lb/yr/acre): TP

Legend:

 County Boundary

Level of Service:

-  A
-  B
-  C
-  D
-  F

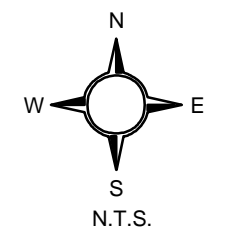
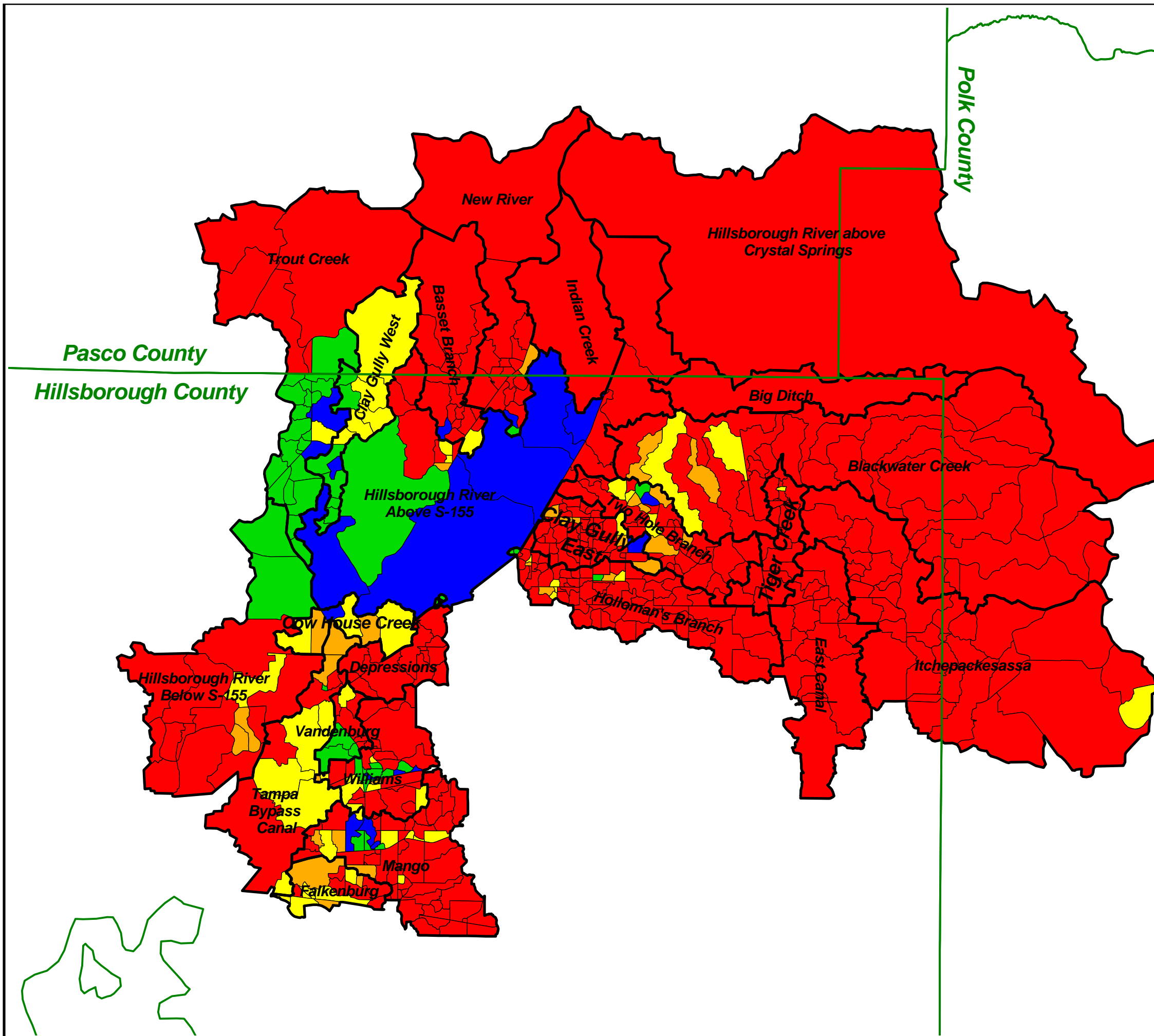








Figure 117

**Water Quality Treatment
Level of Service by
Subwatershed for
Hillsborough River
Watershed: TP**

Legend:

 County Boundary

Level of Service:

-  A
-  B
-  C
-  D
-  F

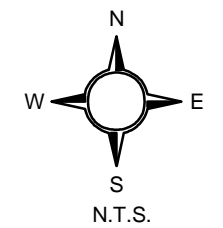
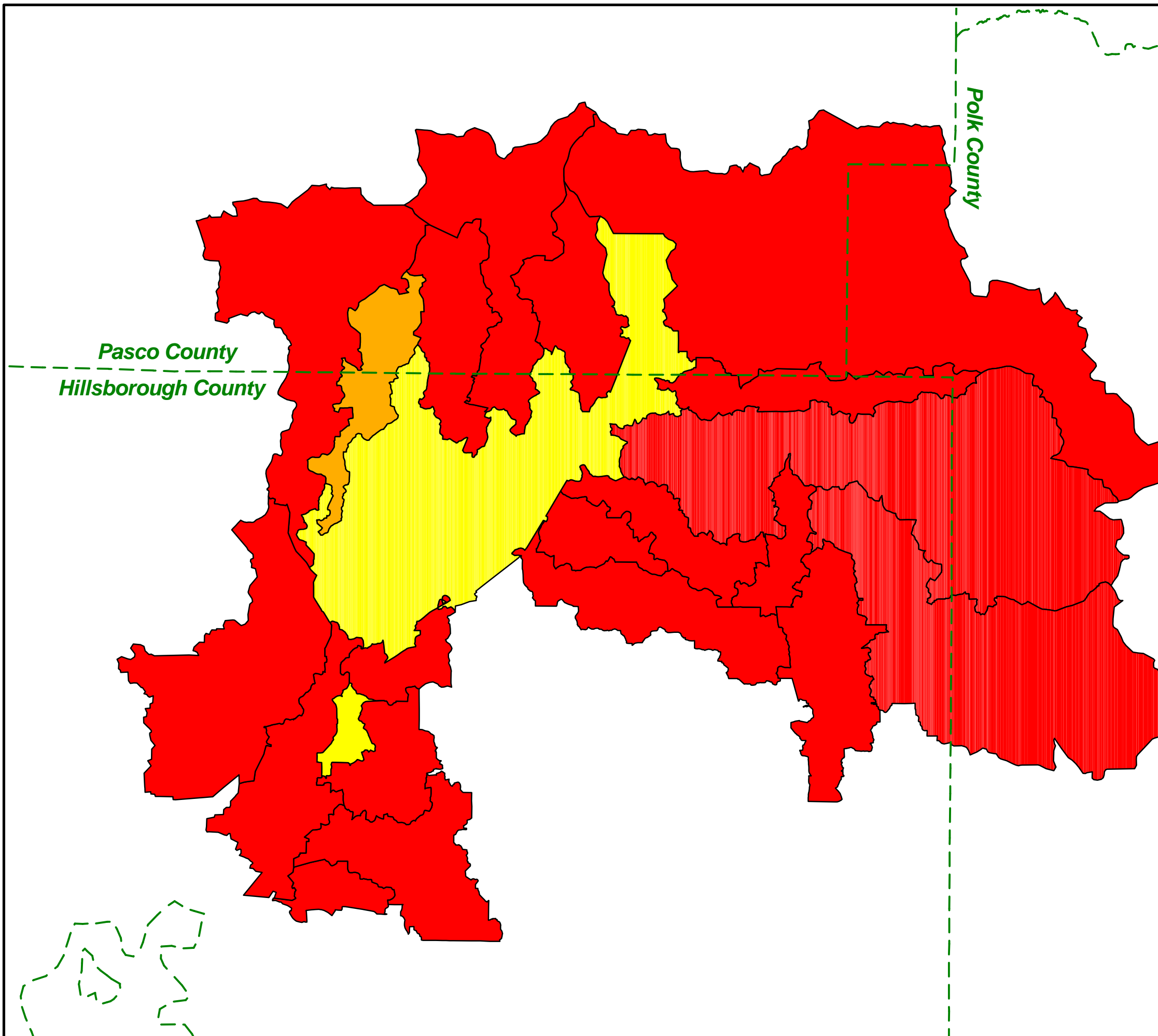








Figure 118

Water Quality Treatment
Level of Service
by Subbasin
Based on Future Land Use
Classifications and
Future Treatment Conditions
(lb/yr/acre): TP

Legend:

-  County Boundary
- Level of Service:
 -  A
 -  B
 -  C
 -  D
 -  F

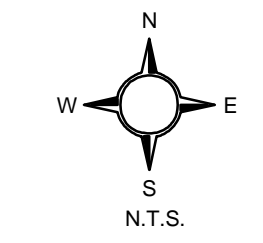
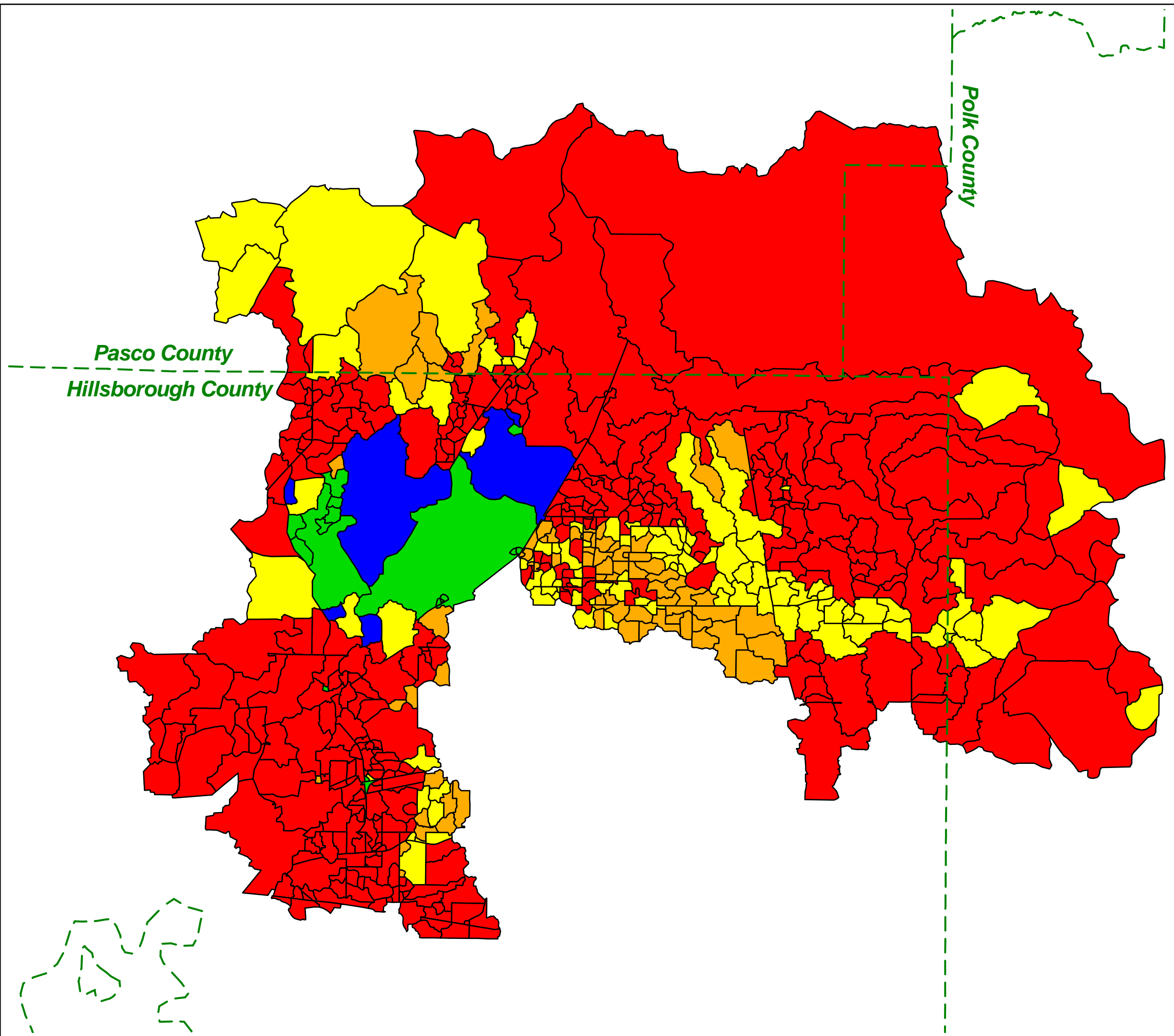








Figure 119

Water Quality Treatment Level of Service by Subwatershed Based on Future Land Use Classifications and Future Treatment Conditions (lb/yr/acre): TP

Legend:

-  County Boundary
- Level of Service:
 -  A
 -  B
 -  C
 -  D
 -  F

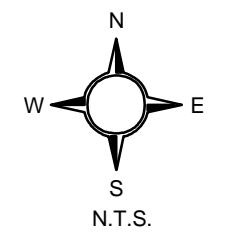
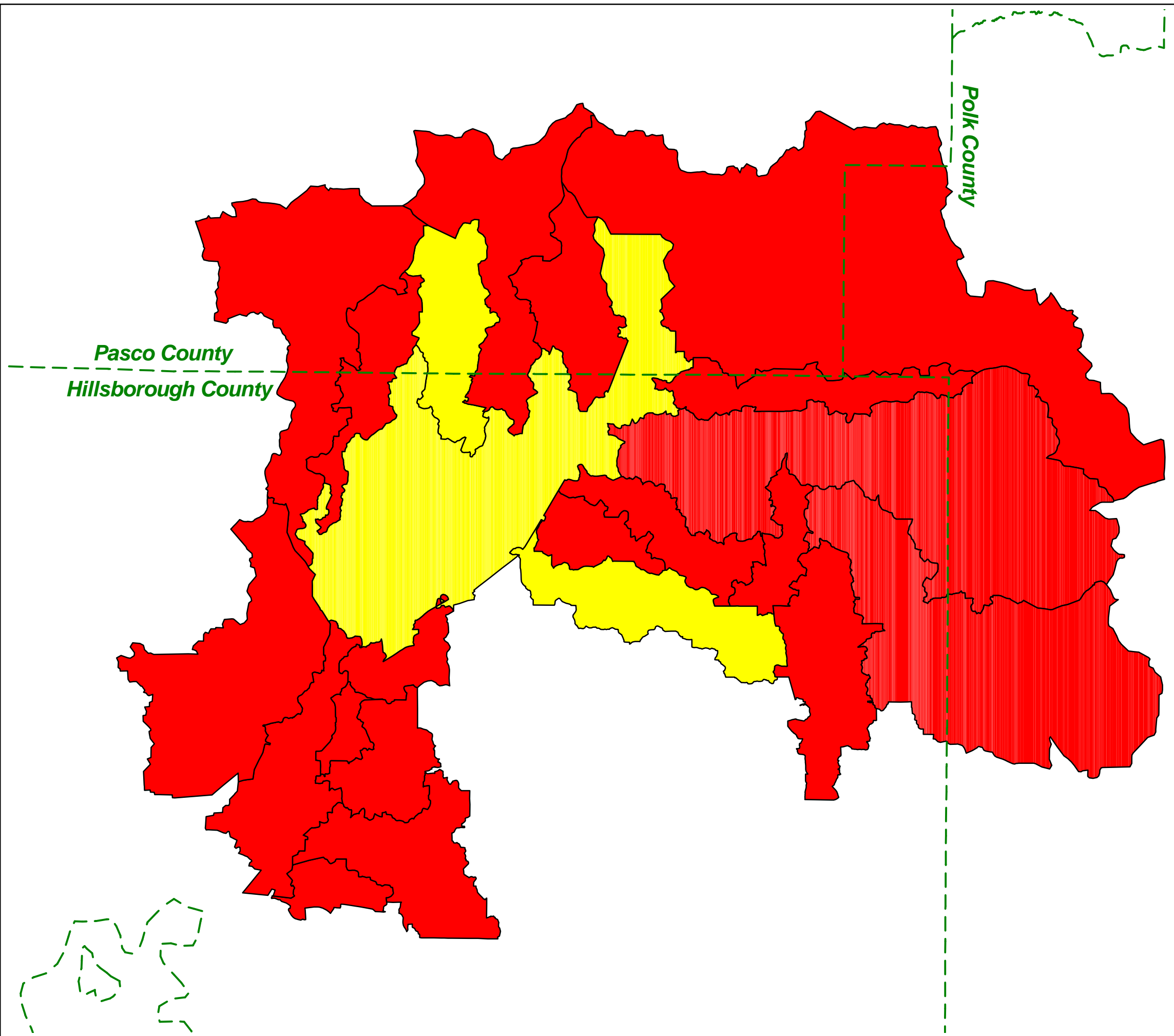







Figure 120

Water Quality Treatment
Level of Service by
Subbasin for
Hillsborough River
Watershed (lb/yr/acre): TDP

Legend:

 County Boundary

Level of Service:

-  A
-  B
-  C
-  D
-  F

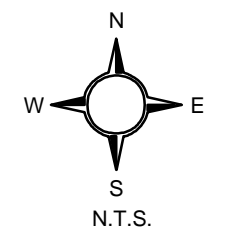
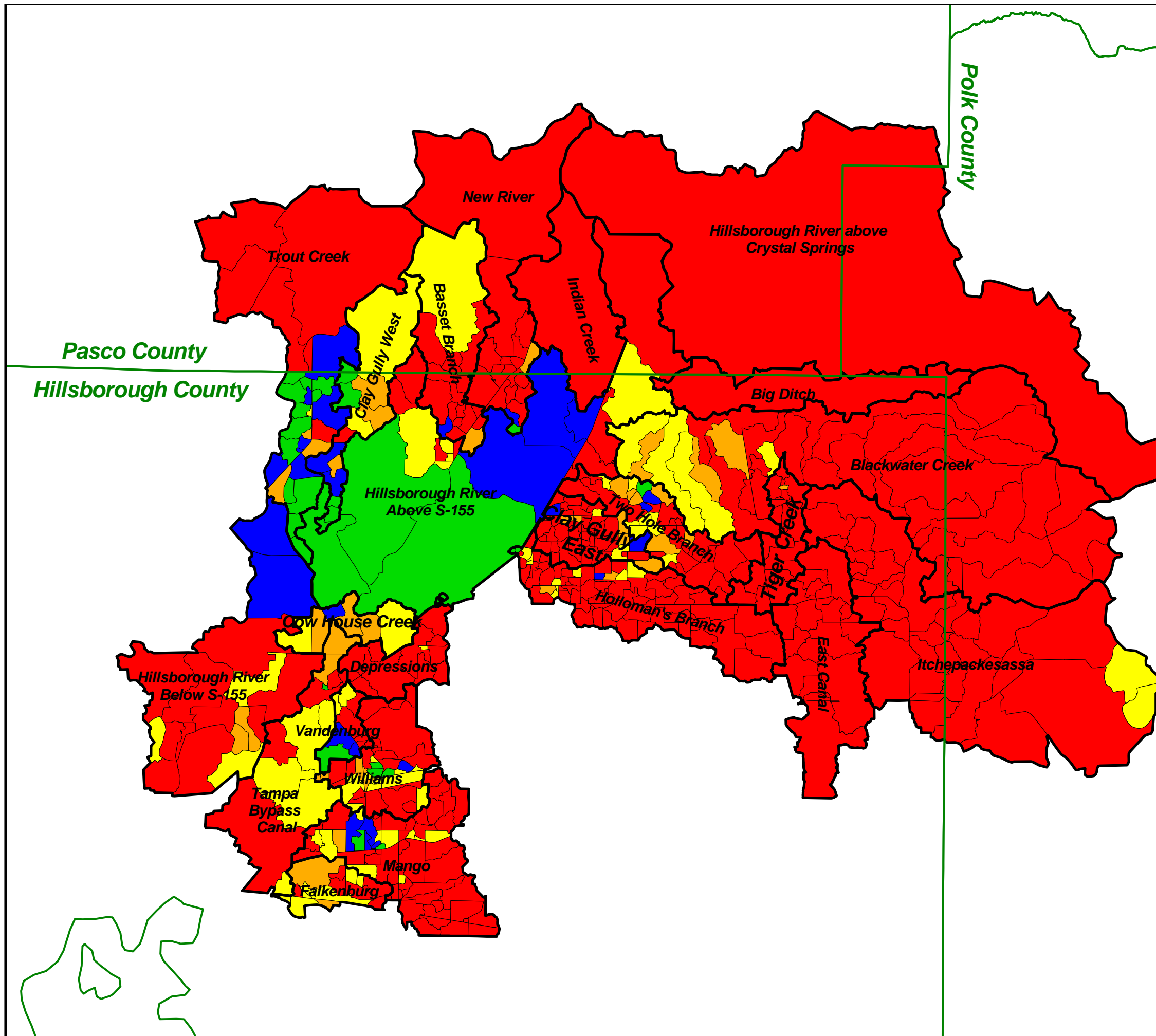






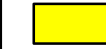

Figure 121

**Water Quality Treatment
Level of Service by
Subwatershed for
Hillsborough River
Watershed: TDP**

Legend:

 County Boundary

Level of Service:

-  A
-  B
-  C
-  D
-  F

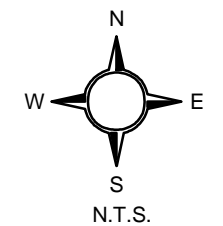
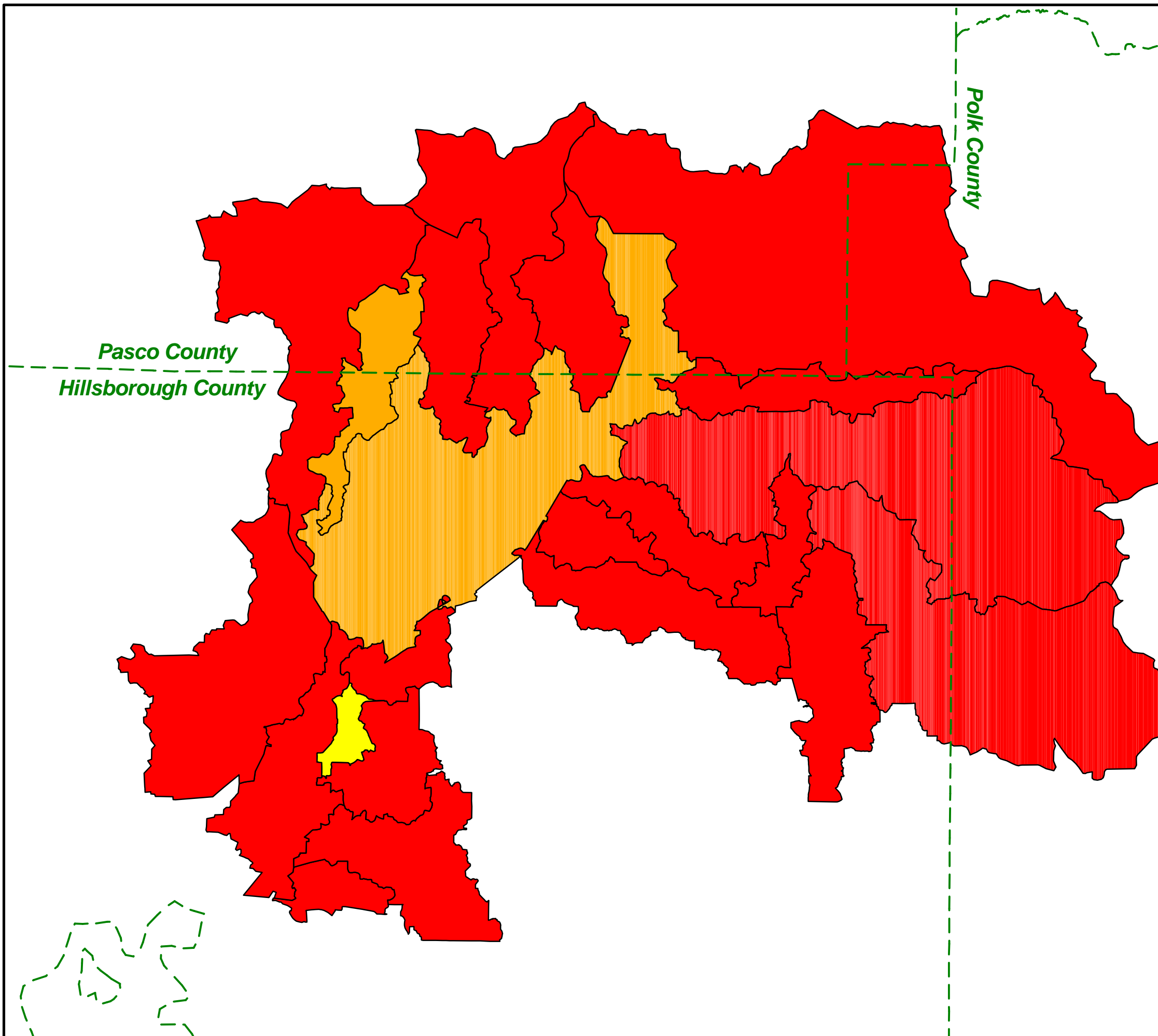








Figure 122

Water Quality Treatment Level of Service by Subbasin Based on Future Land Use Classifications and Future Treatment Conditions (lb/yr/acre): TDP

Legend:

-  County Boundary
- Level of Service:
 -  A
 -  B
 -  C
 -  D
 -  F

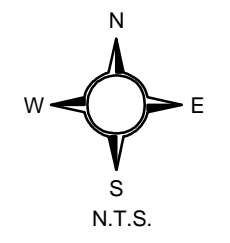
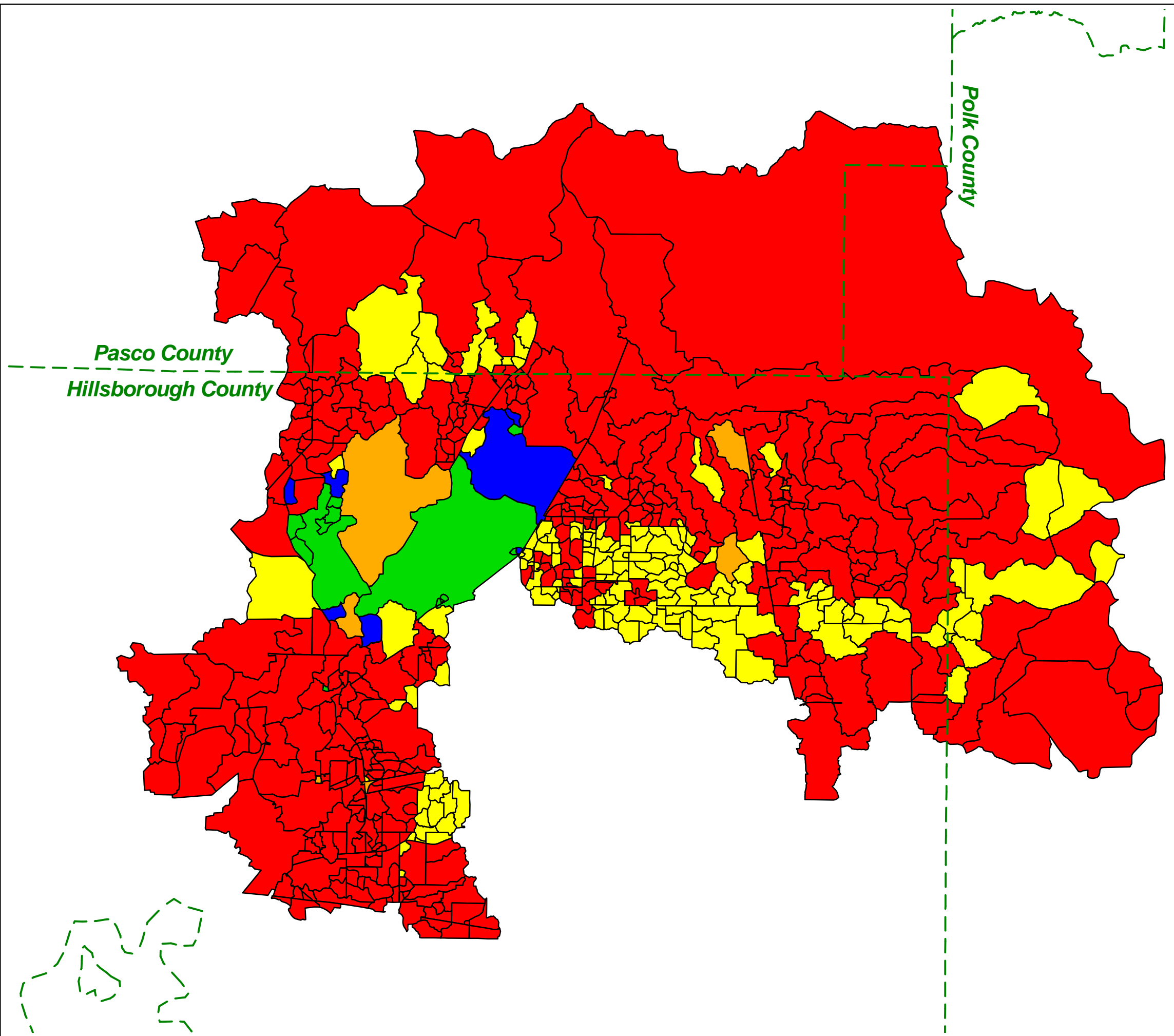








Figure 123

Water Quality Treatment Level of Service by Subwatershed Based on Future Land Use Classifications and Future Treatment Conditions (lb/yr/acre): TDP

Legend:

-  County Boundary
- Level of Service:
 -  A
 -  B
 -  C
 -  D
 -  F

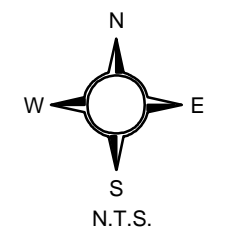
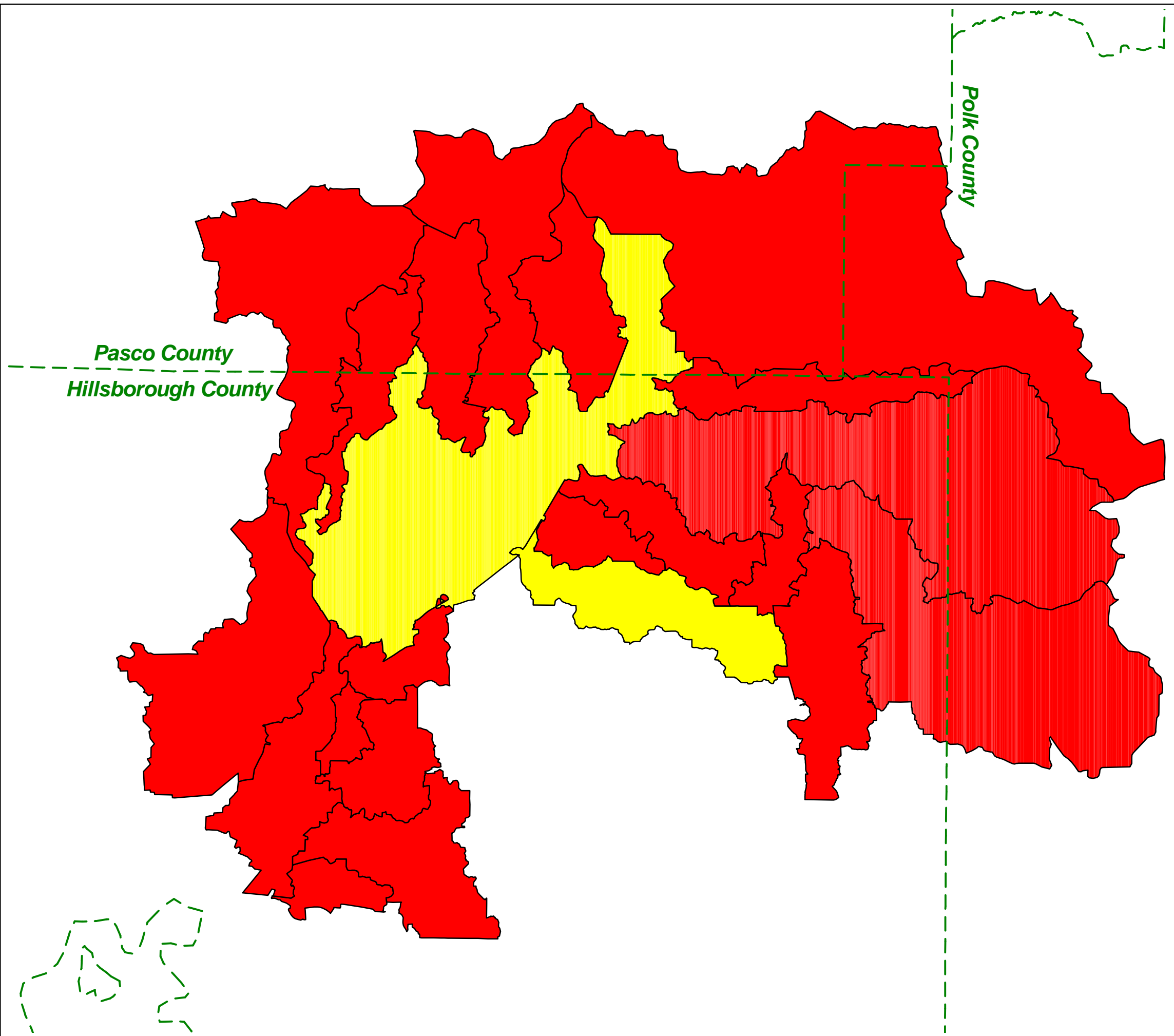








Figure 124

**Water Quality Treatment
Level of Service by
Subbasin for
Hillsborough River
Watershed (lb/yr/acre):
Oil and Grease**

Legend:

 County Boundary

Level of Service:

-  A
-  B
-  C
-  D
-  F

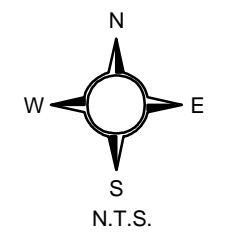
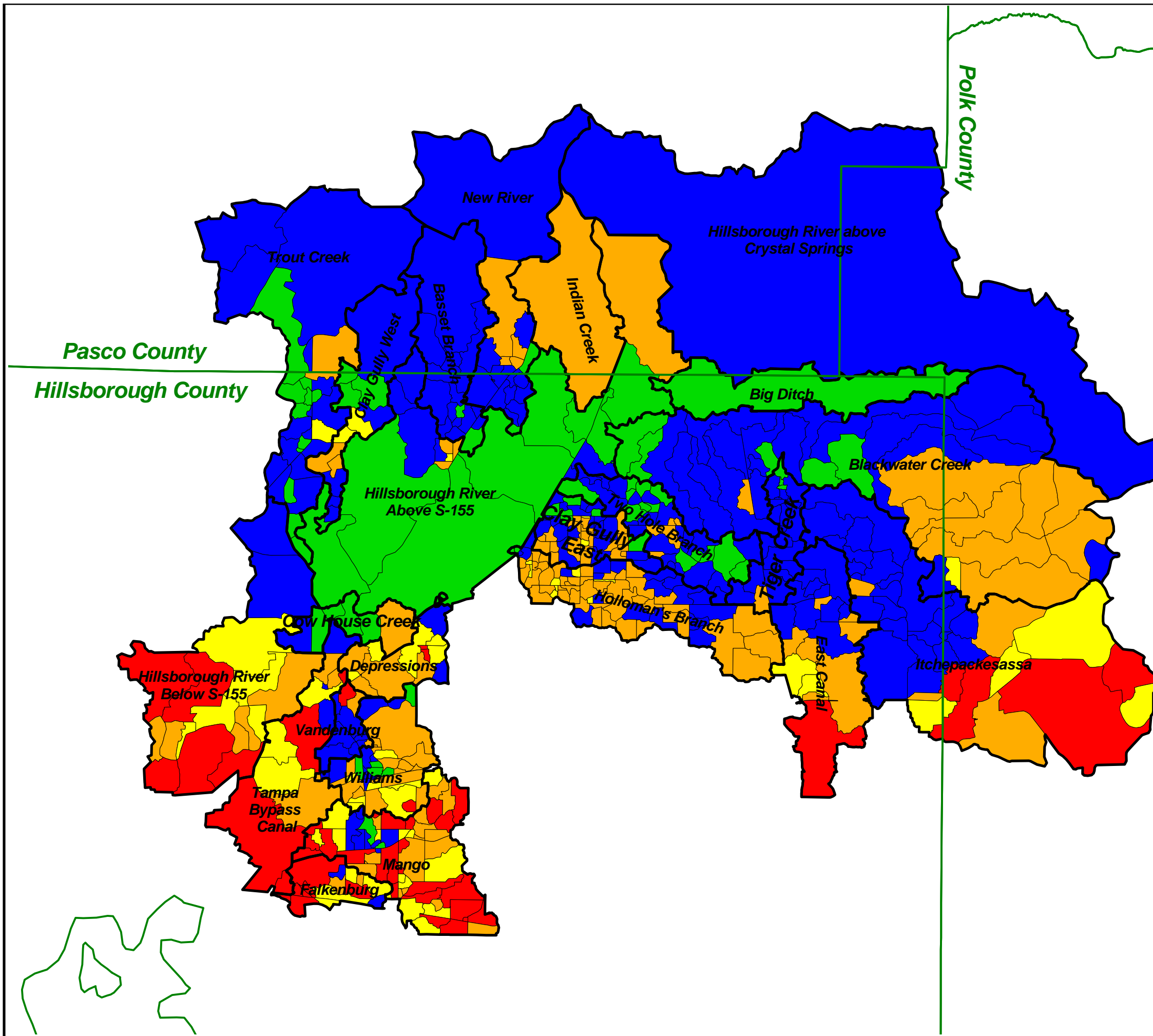






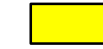

Figure 125

**Water Quality Treatment
Level of Service by
Subwatershed for
Hillsborough River
Watershed: Oil and Grease**

Legend:

 County Boundary

Level of Service:

-  A
-  B
-  C
-  D
-  F

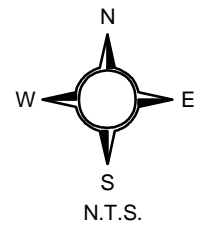
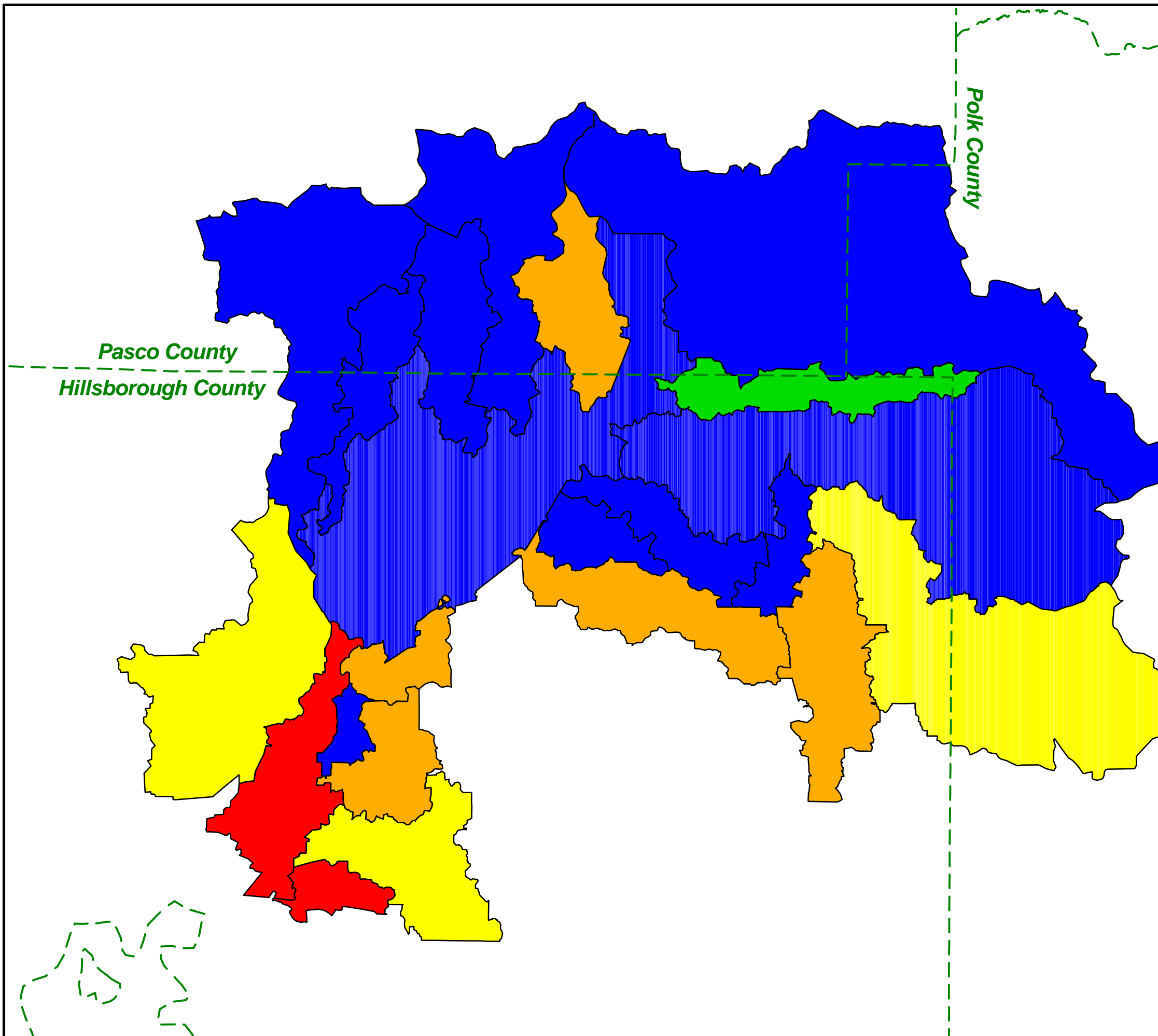








Figure 126

Water Quality Treatment Level of Service by Subbasin Based on Future Land Use Classifications and Future Treatment Conditions (lb/yr/acre): Oil and Grease

Legend:

-  County Boundary
- Level of Service:
 -  A
 -  B
 -  C
 -  D
 -  F

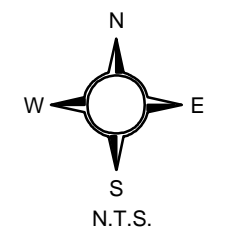
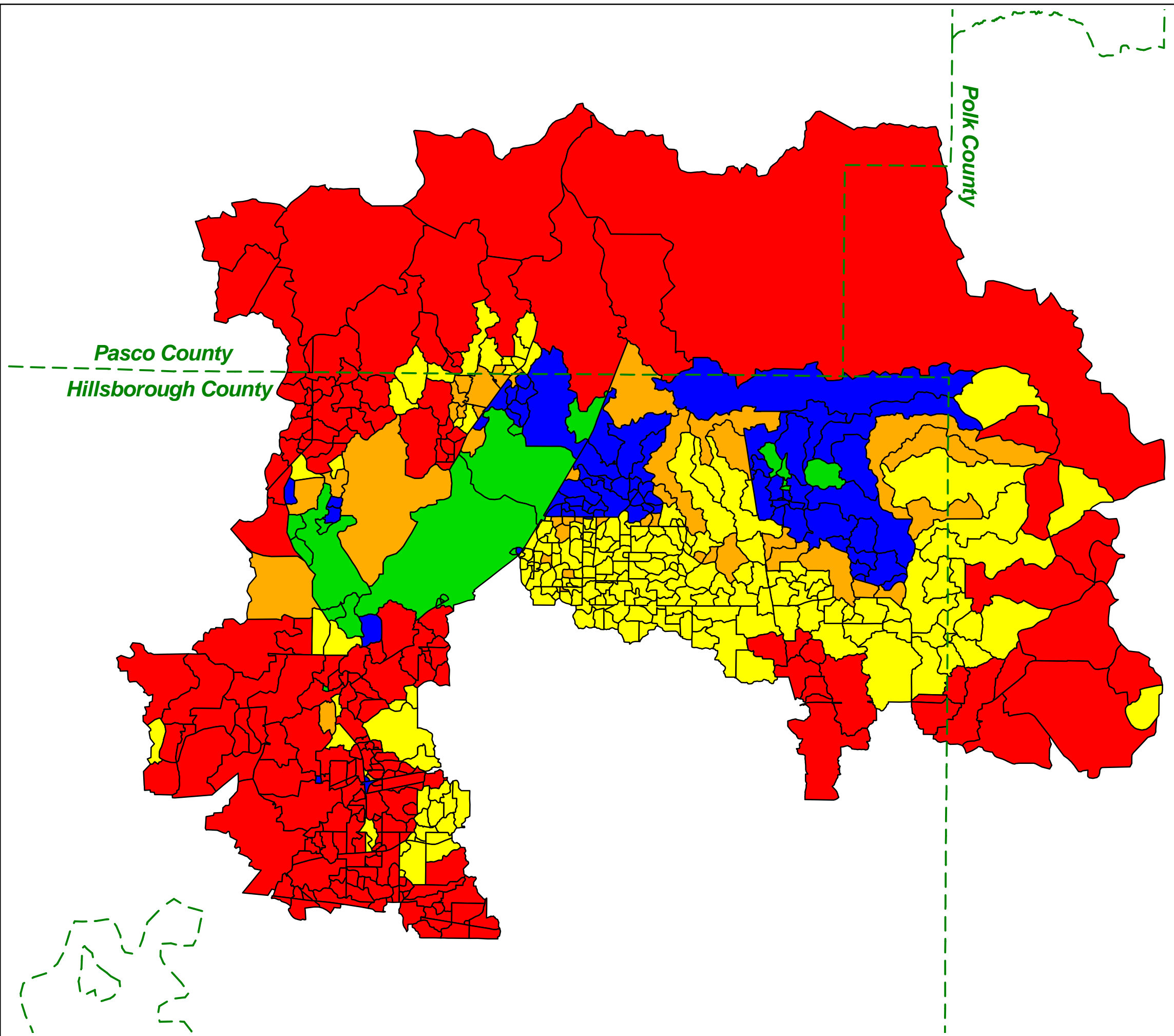








Figure 127

Water Quality Treatment Level of Service by Subwatershed Based on Future Land Use Classifications and Future Treatment Conditions (lb/yr/acre): Oil and Grease

Legend:

-  County Boundary
- Level of Service:
 -  A
 -  B
 -  C
 -  D
 -  F

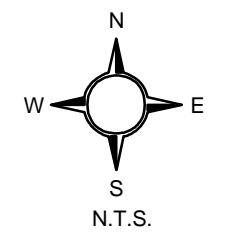
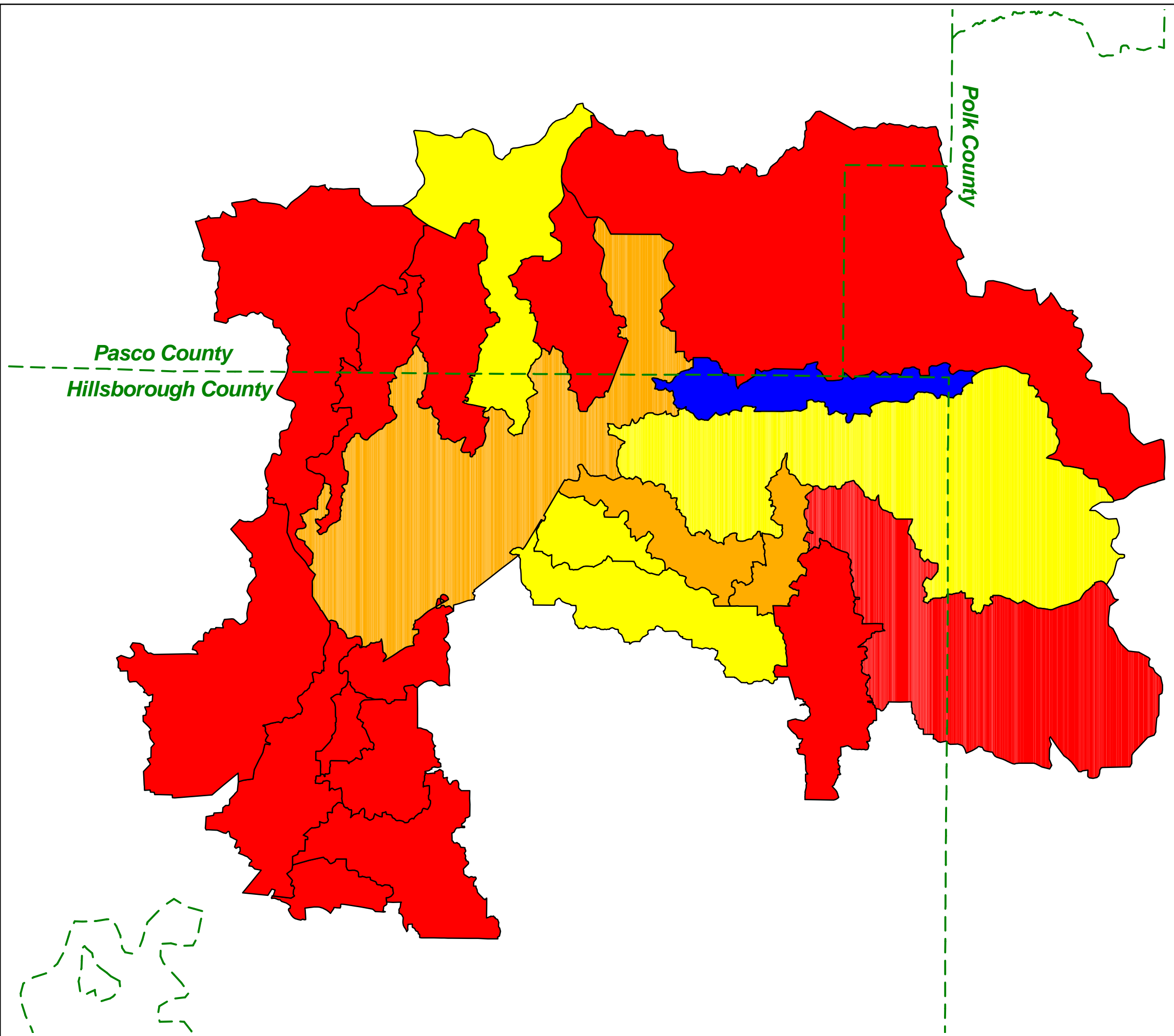







Figure 128

Water Quality Treatment
Level of Service by
Subbasin for
Hillsborough River
Watershed (lb/yr/acre): Pb

Legend:

 County Boundary

Level of Service:

-  A
-  B
-  C
-  D
-  F

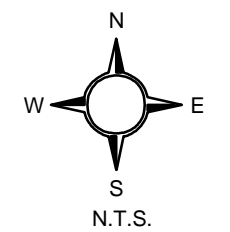
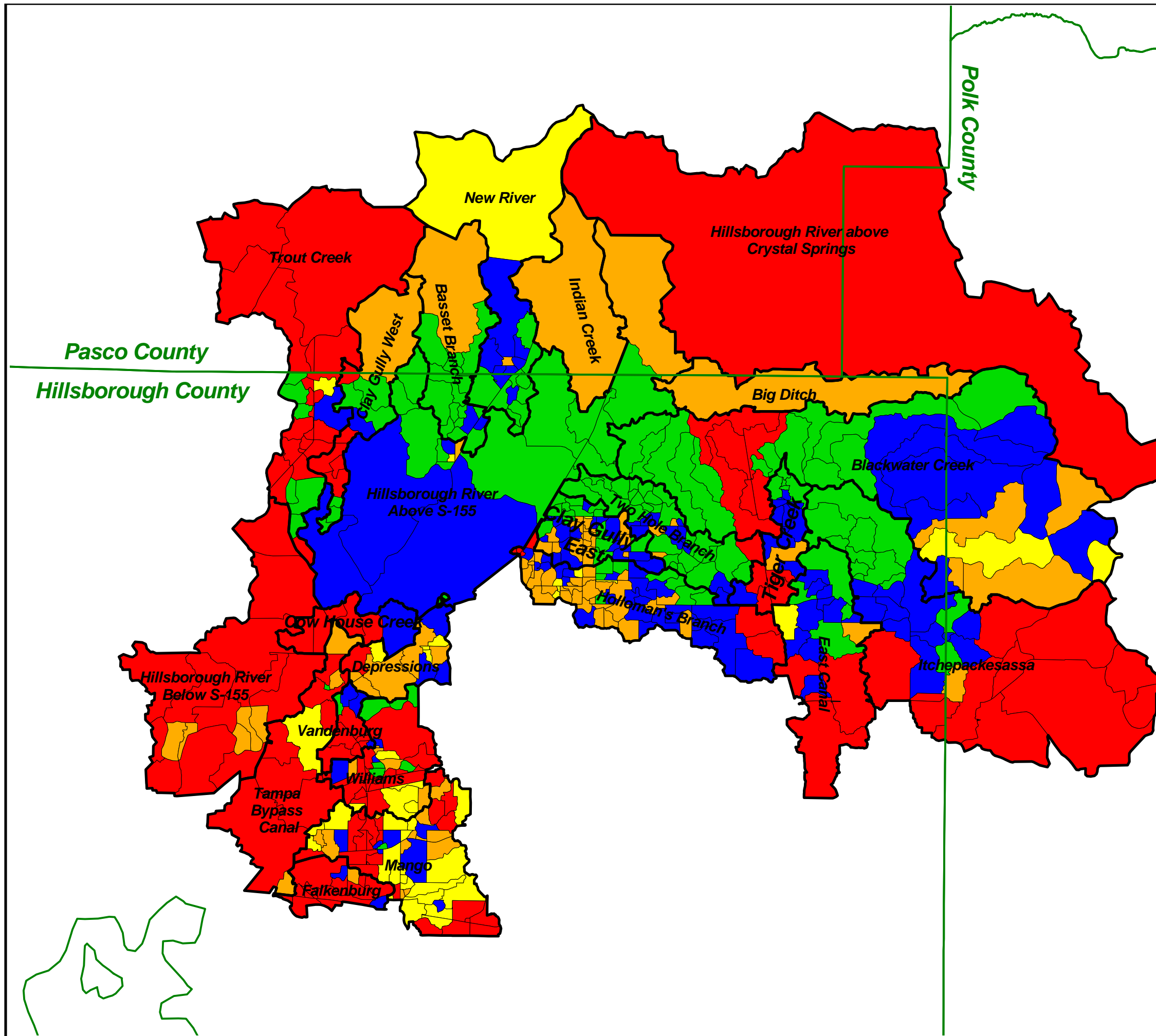






Figure 129

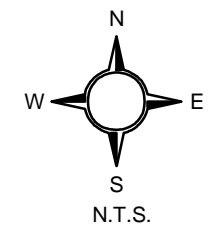
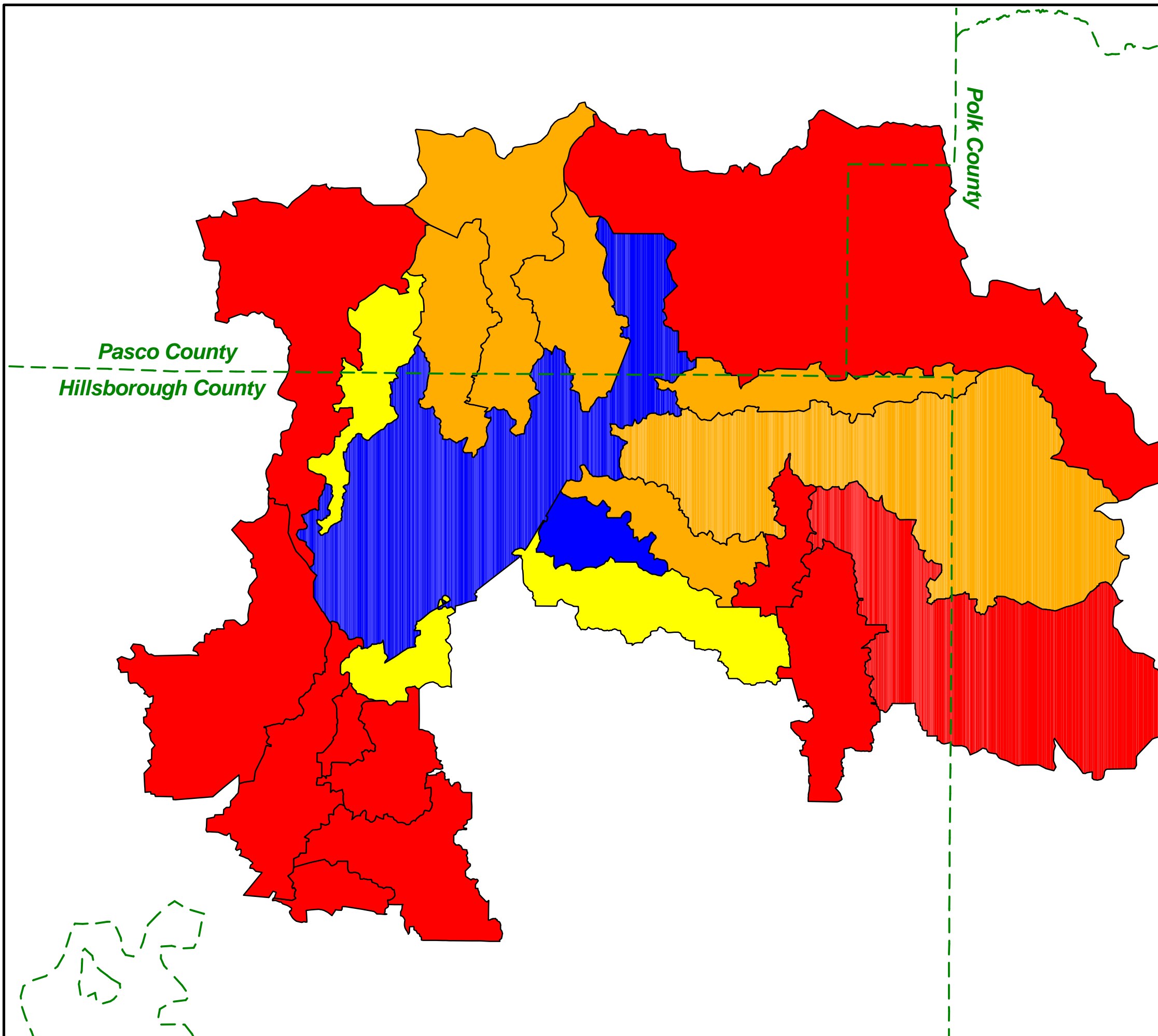
**Water Quality Treatment
Level of Service by
Subwatershed for
Hillsborough River
Watershed: Pb**

Legend:

 County Boundary

Level of Service:

-  A
-  B
-  C
-  D
-  F









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Figure 130

Water Quality Treatment Level of Service by Subbasin Based on Future Land Use Classifications and Future Treatment Conditions (lb/yr/acre): Pb

Legend:

-  County Boundary
- Level of Service:
 -  A
 -  B
 -  C
 -  D
 -  F

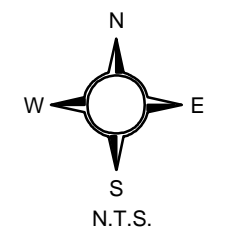
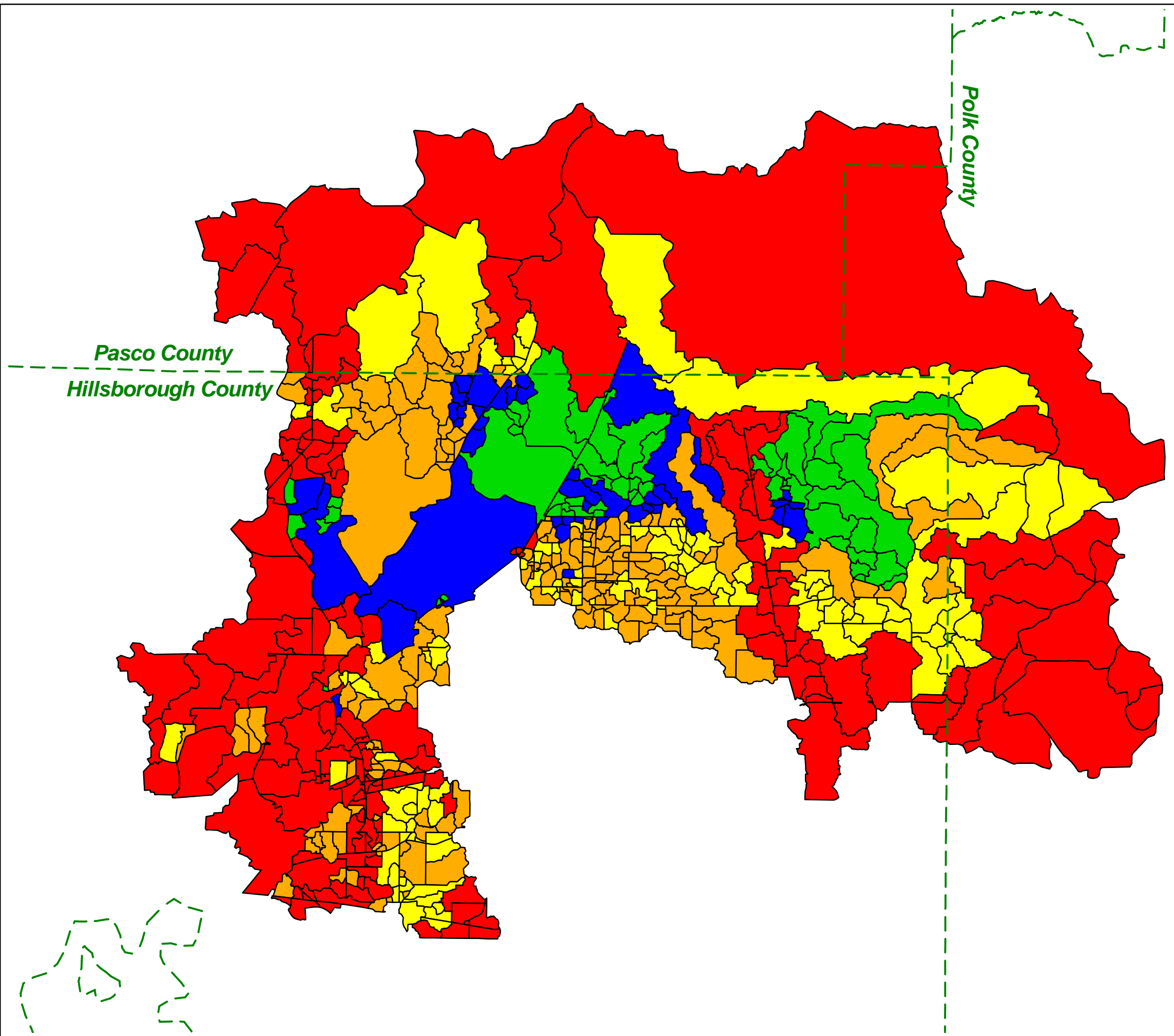








Figure 131

Water Quality Treatment Level of Service by Subwatershed Based on Future Land Use Classifications and Future Treatment Conditions (lb/yr/acre): Pb

Legend:

-  County Boundary
- Level of Service:
 -  A
 -  B
 -  C
 -  D
 -  F

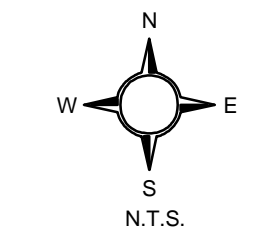
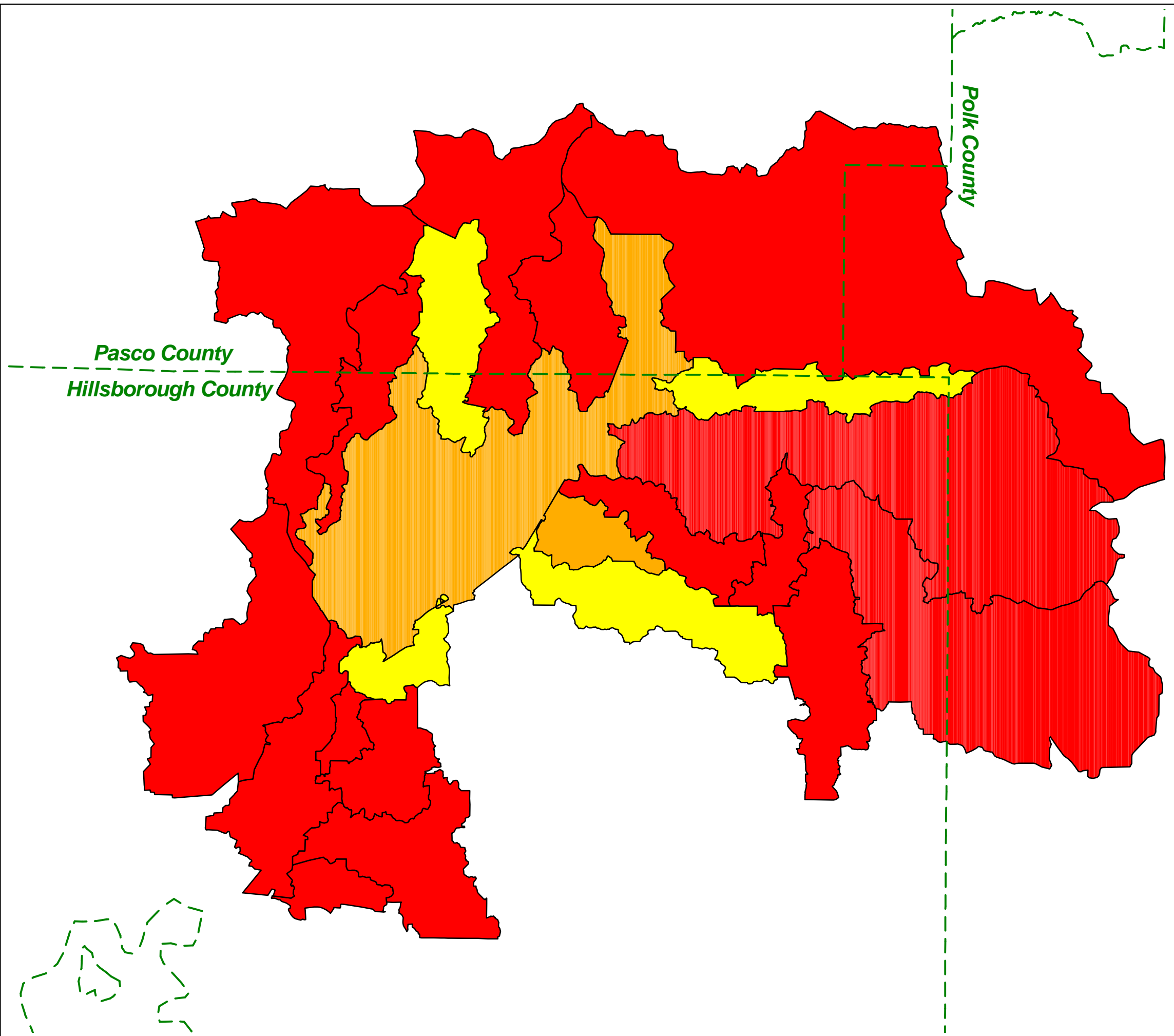







Figure 132

Water Quality Treatment
Level of Service by
Subbasin for
Hillsborough River
Watershed (lb/yr/acre): Cu

Legend:

 County Boundary

Level of Service:

-  A
-  B
-  C
-  D
-  F

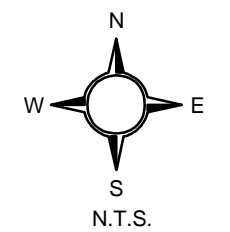
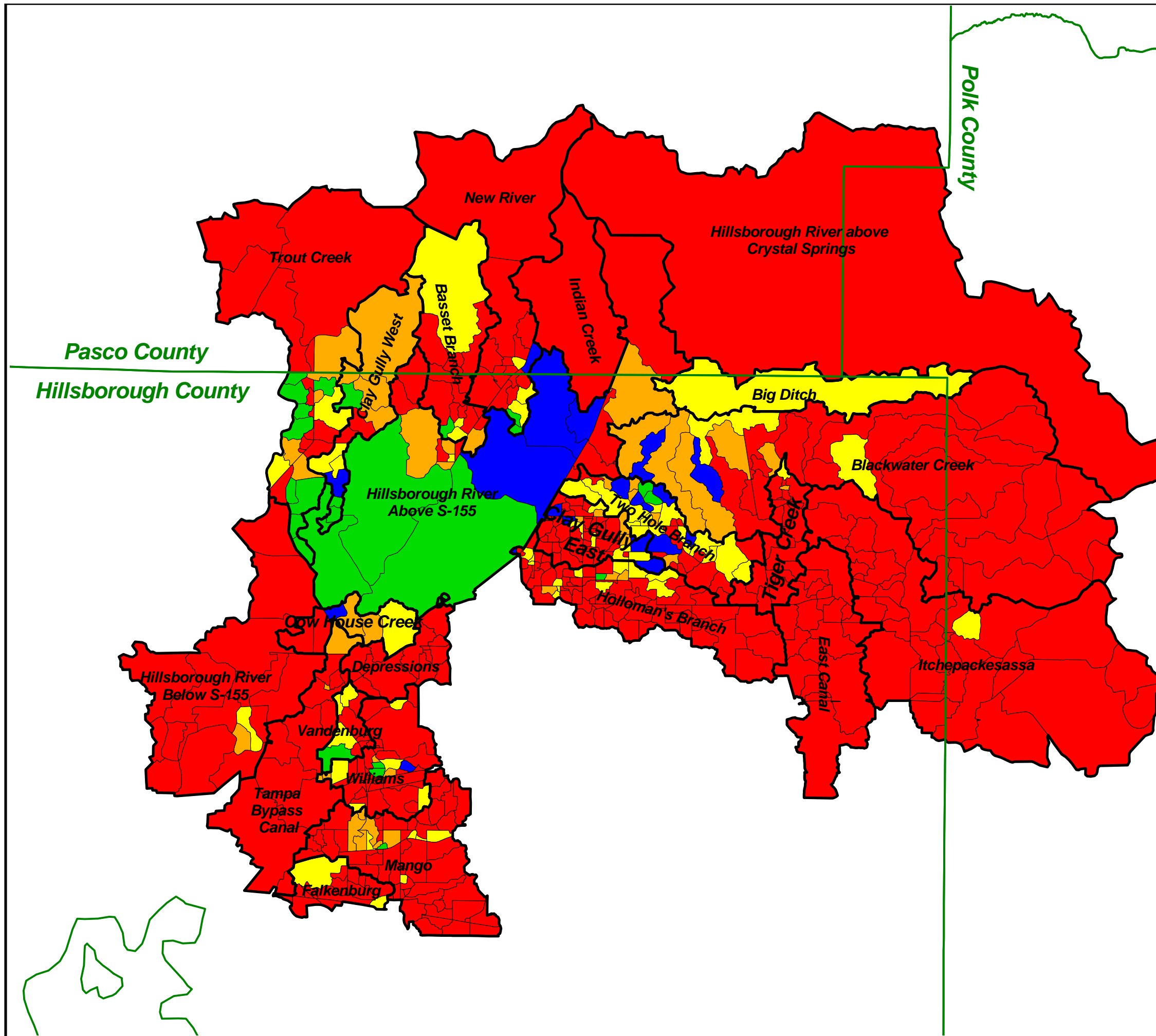







Figure 133

**Water Quality Treatment
Level of Service by
Subwatershed for
Hillsborough River
Watershed: Cu**

Legend:

 County Boundary

Level of Service:

-  A
-  B
-  C
-  D
-  F

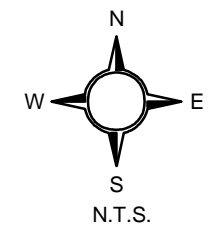
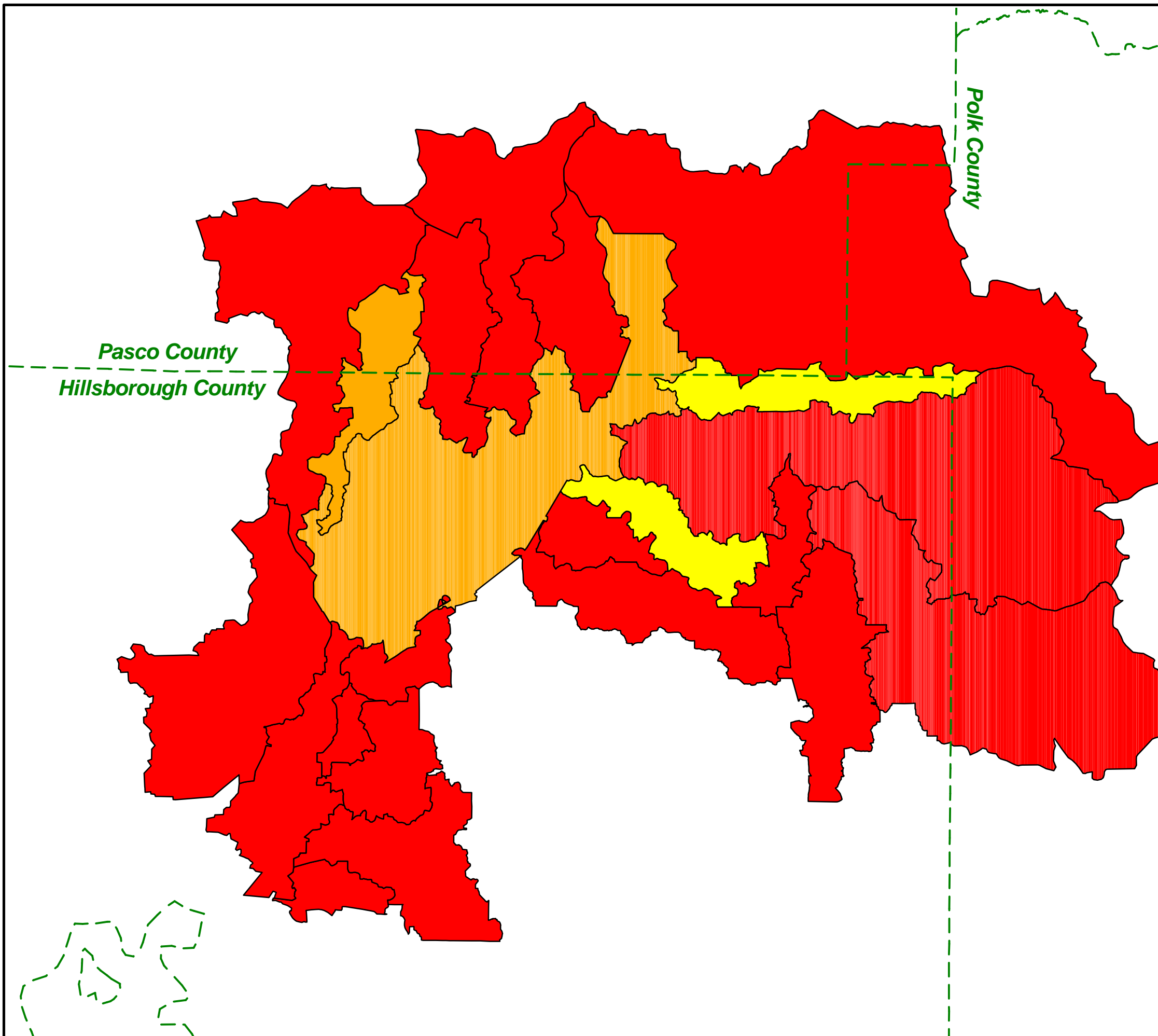








Figure 134

Water Quality Treatment Level of Service by Subbasin Based on Future Land Use Classifications and Future Treatment Conditions (lb/yr/acre): Cu

Legend:

-  County Boundary
- Level of Service:
 -  A
 -  B
 -  C
 -  D
 -  F

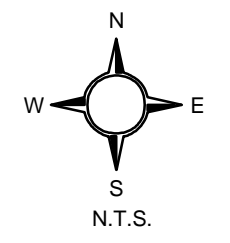
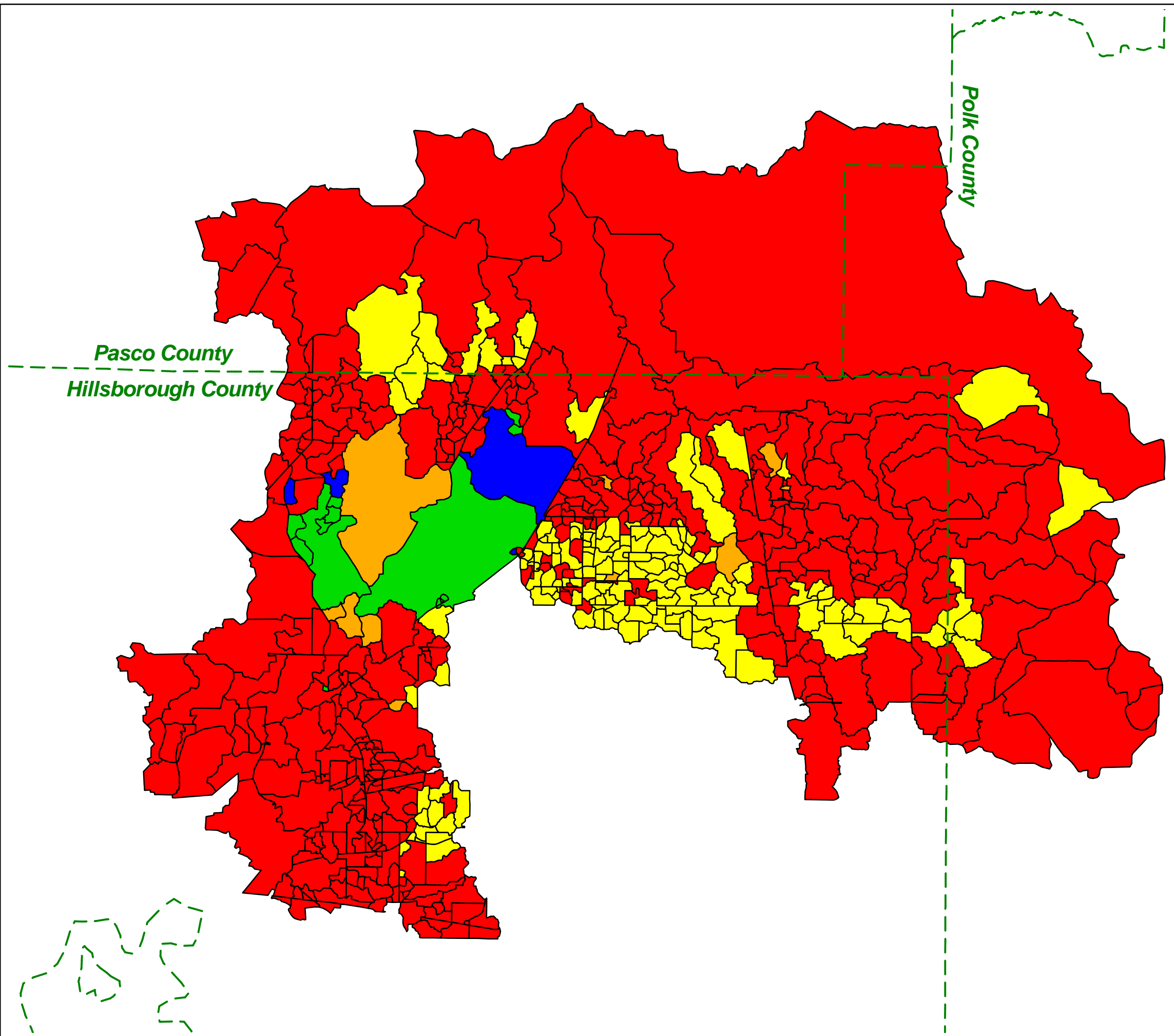








Figure 135

Water Quality Treatment Level of Service by Subwatershed Based on Future Land Use Classifications and Future Treatment Conditions (lb/yr/acre): Cu

Legend:

-  County Boundary
- Level of Service:
 -  A
 -  B
 -  C
 -  D
 -  F

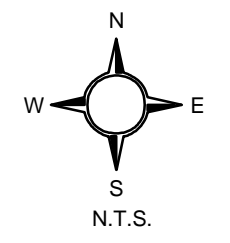
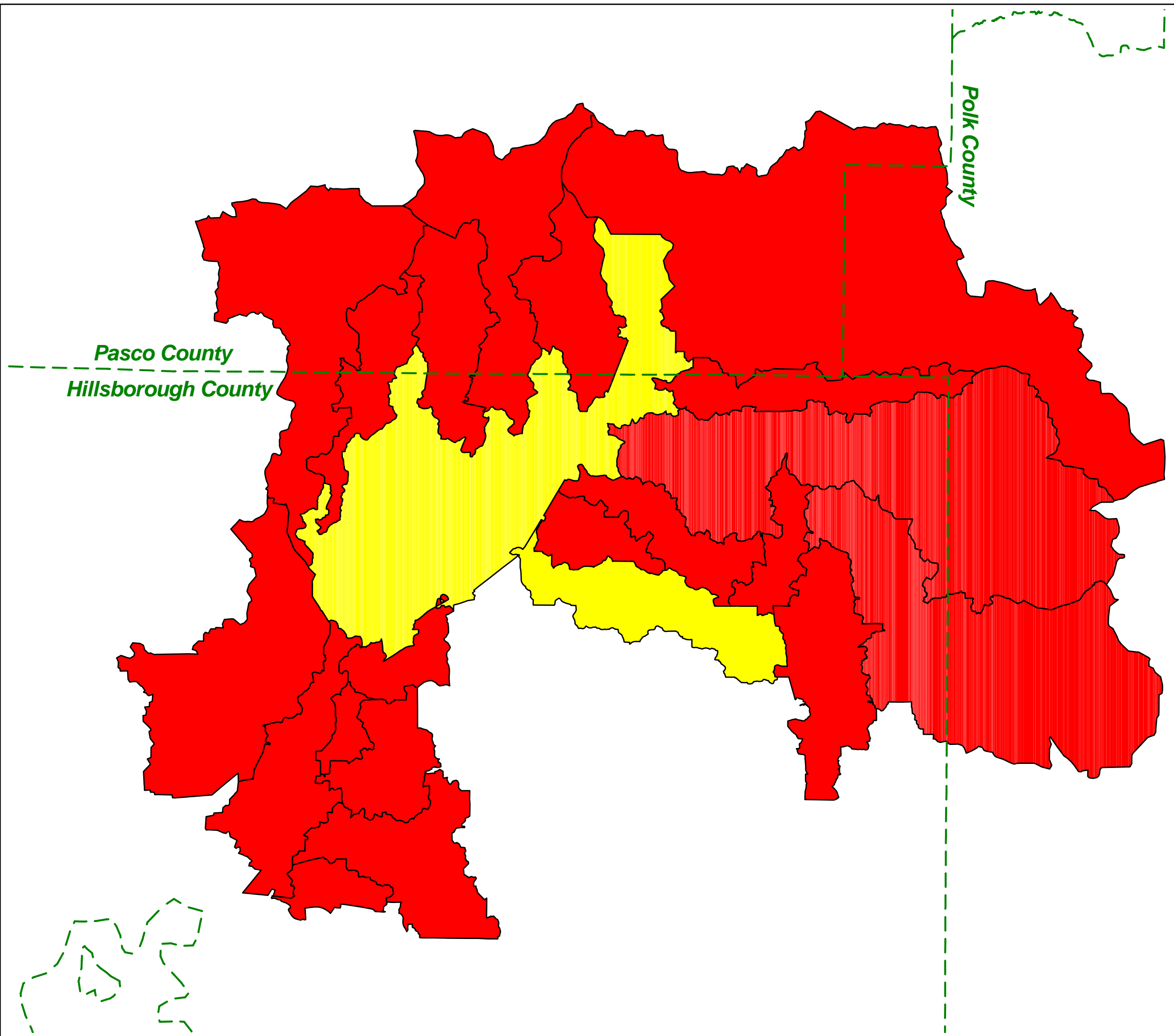







Figure 136

Water Quality Treatment
Level of Service by
Subbasin for
Hillsborough River
Watershed (lb/yr/acre): Cd

Legend:

 County Boundary

Level of Service:

-  A
-  B
-  C
-  D
-  F

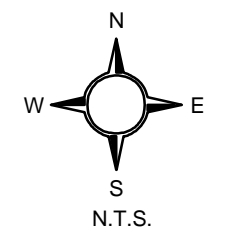
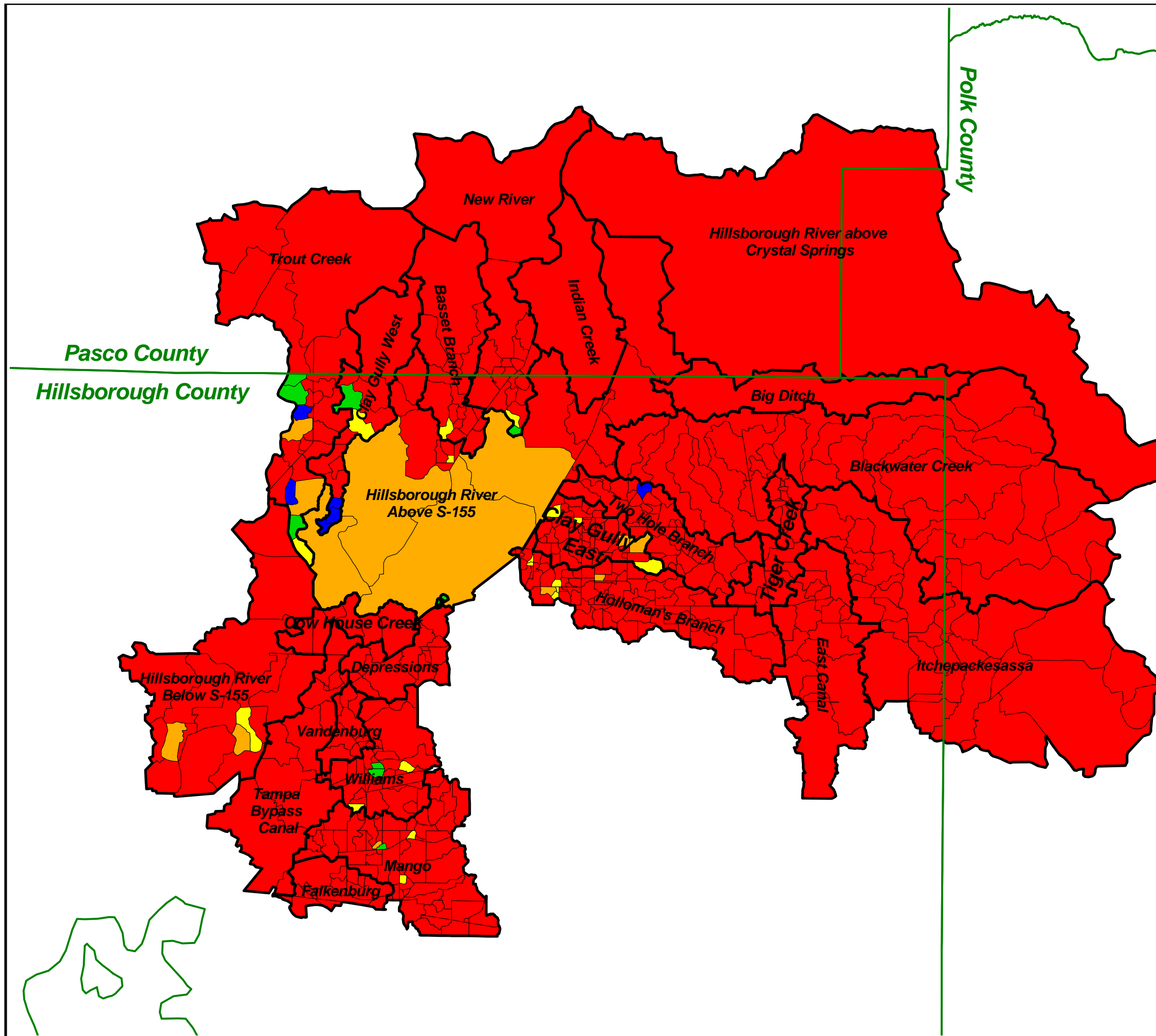








Figure 137

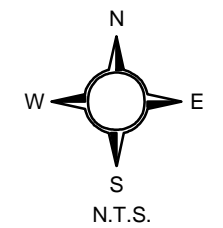
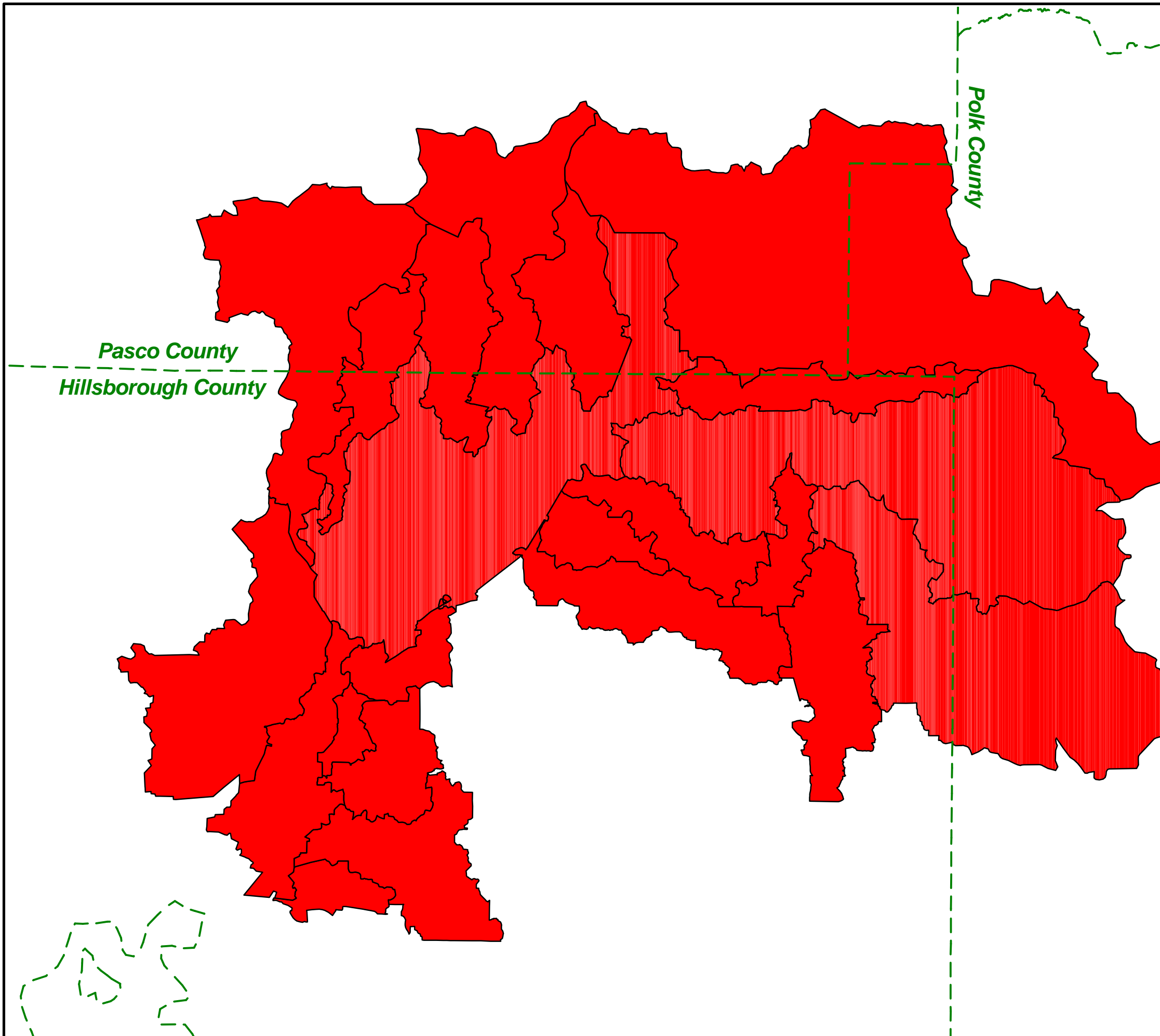
**Water Quality Treatment
Level of Service by
Subwatershed for
Hillsborough River
Watershed: Cd**

Legend:

 County Boundary

Level of Service:

-  A
-  B
-  C
-  D
-  F









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Figure 138

Water Quality Treatment Level of Service by Subbasin Based on Future Land Use Classifications and Future Treatment Conditions (lb/yr/acre): Cd

Legend:

-  County Boundary
- Level of Service:
 -  A
 -  B
 -  C
 -  D
 -  F

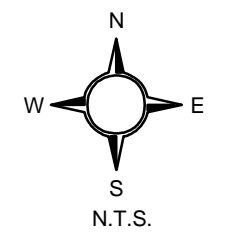
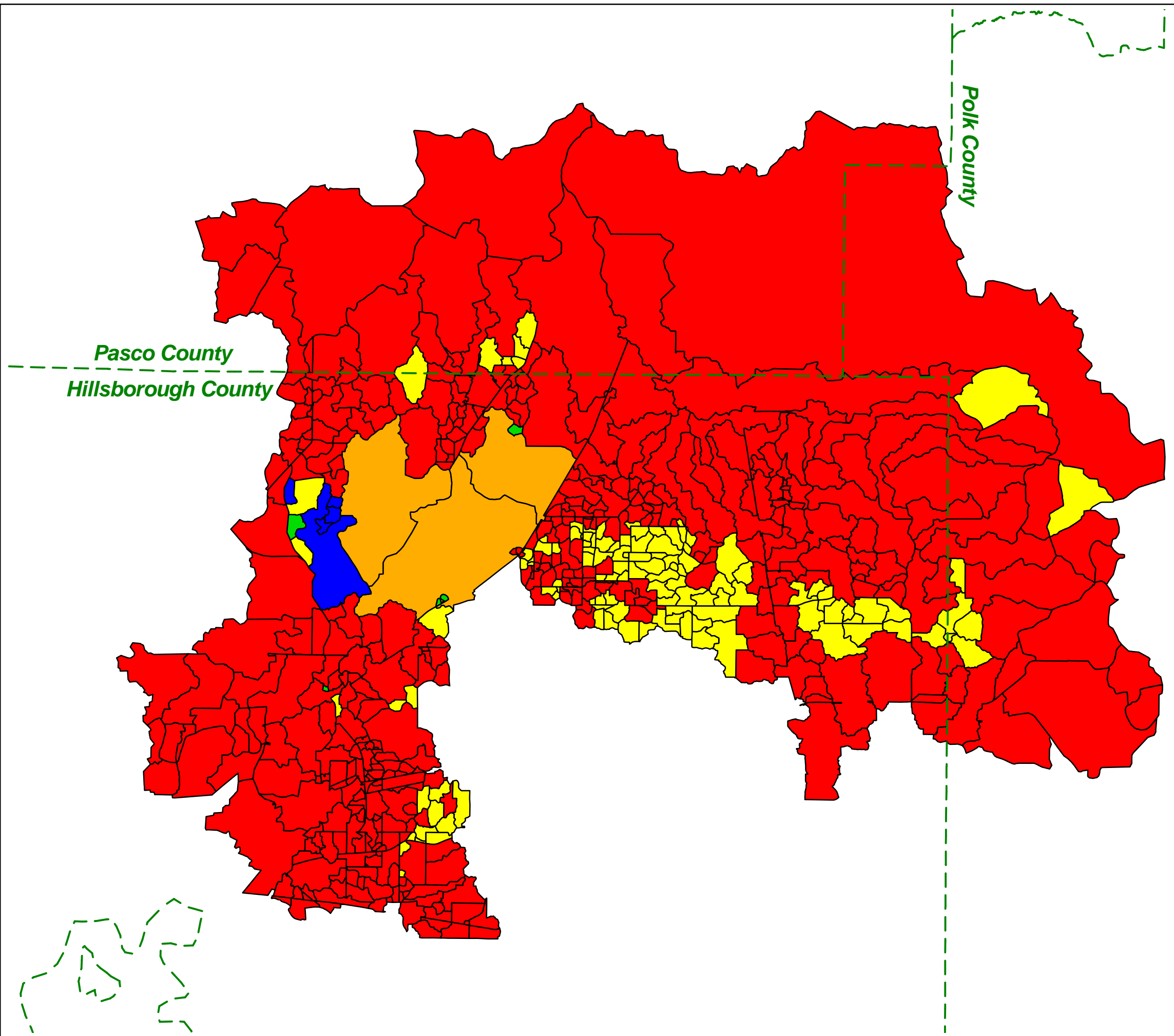








Figure 139

Water Quality Treatment
Level of Service
by Subwatershed
Based on Future Land Use
Classifications and
Future Treatment Conditions
(lb/yr/acre): Cd

Legend:

-  County Boundary
- Level of Service:
 -  A
 -  B
 -  C
 -  D
 -  F

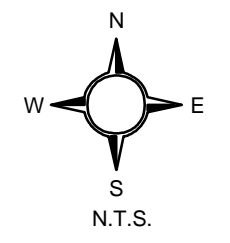
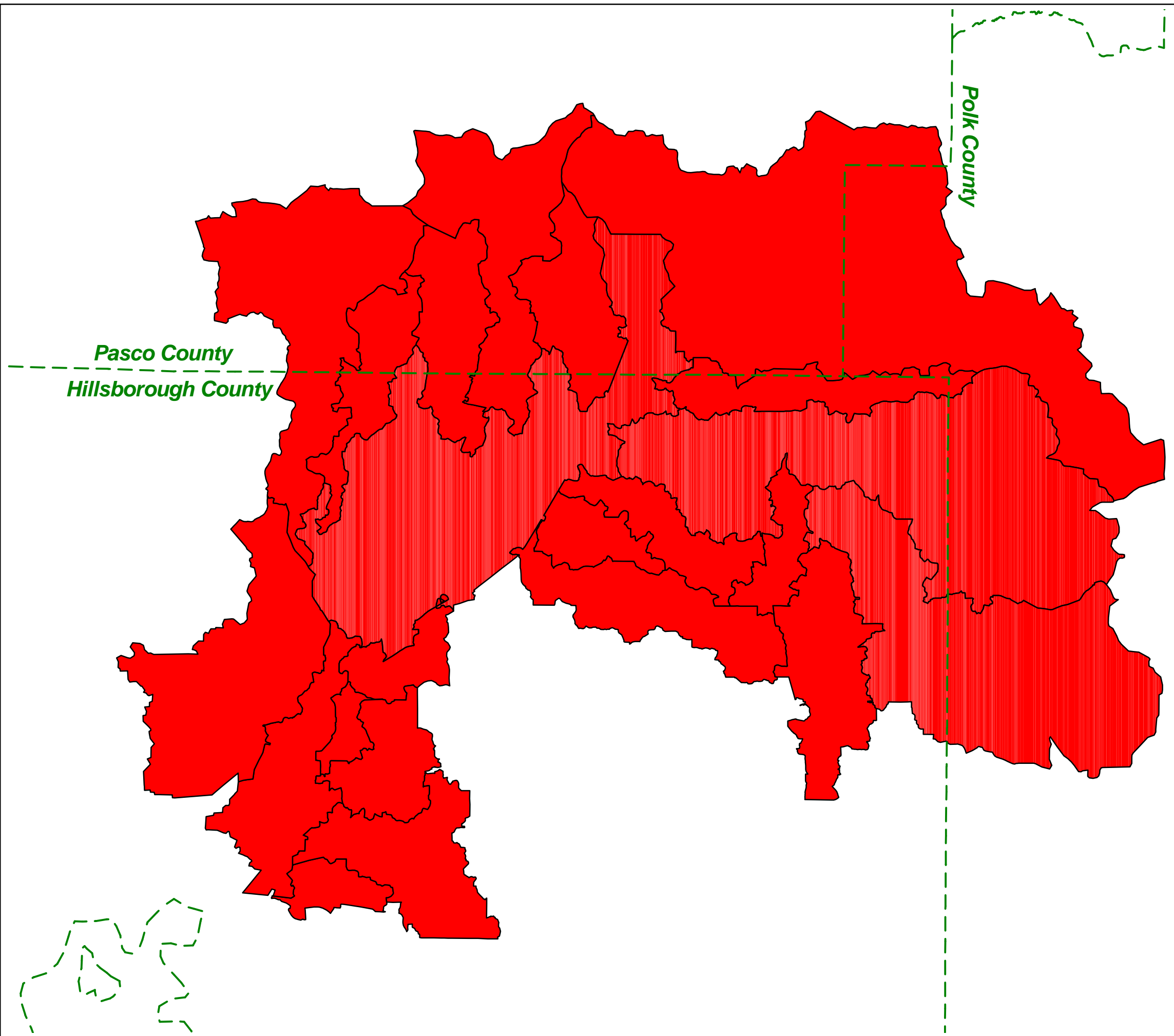







Figure 140

Water Quality Treatment
Level of Service by
Subbasin for
Hillsborough River
Watershed (lb/yr/acre): Zn

Legend:

 County Boundary

Level of Service:

-  A
-  B
-  C
-  D
-  F

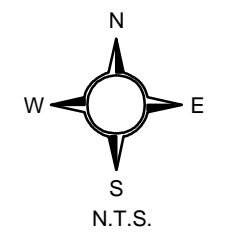
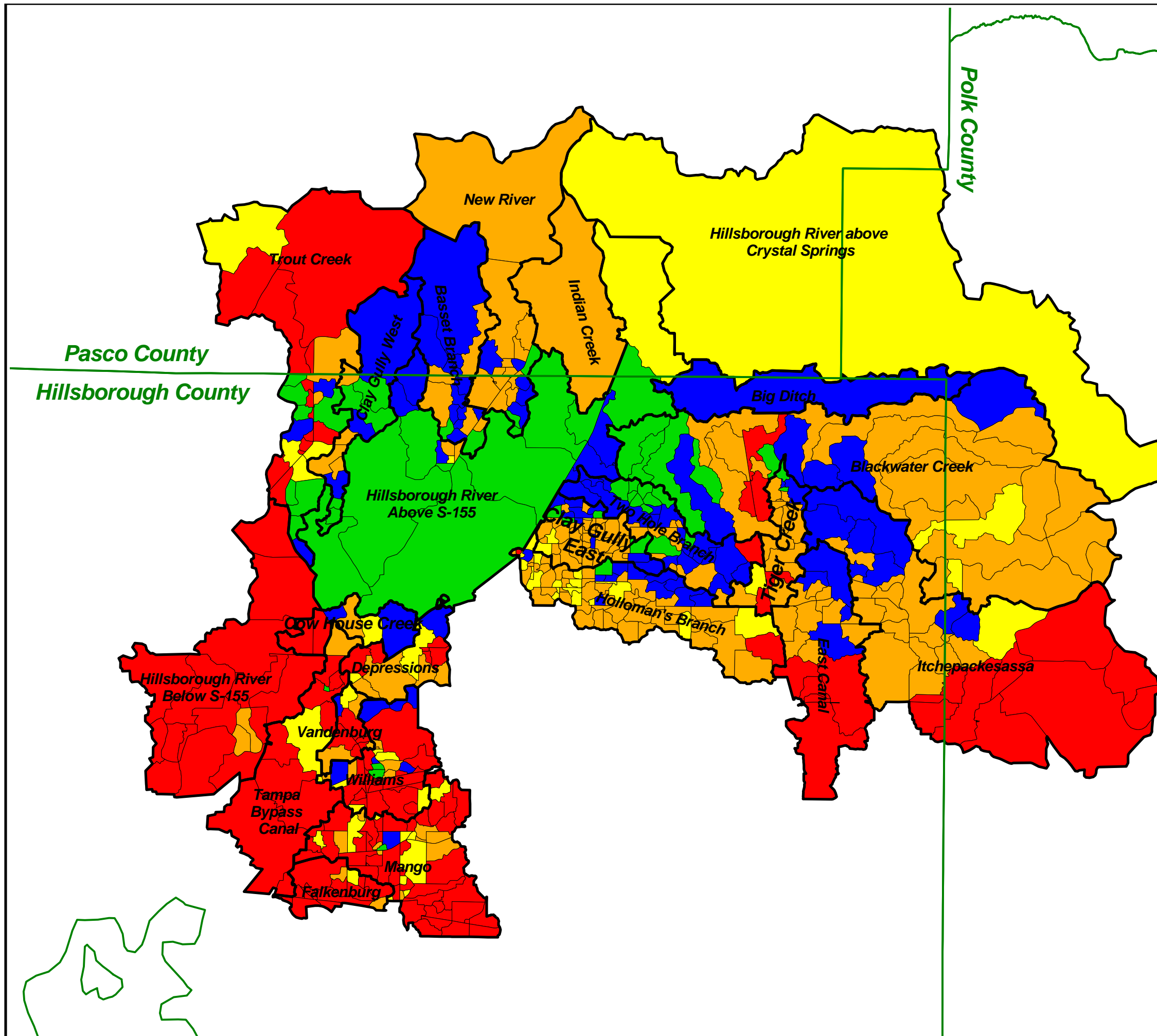







Figure 141

**Water Quality Treatment
Level of Service by
Subwatershed for
Hillsborough River
Watershed: Zn**

Legend:

 County Boundary

Level of Service:

-  A
-  B
-  C
-  D
-  F

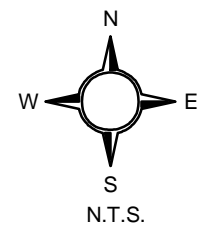
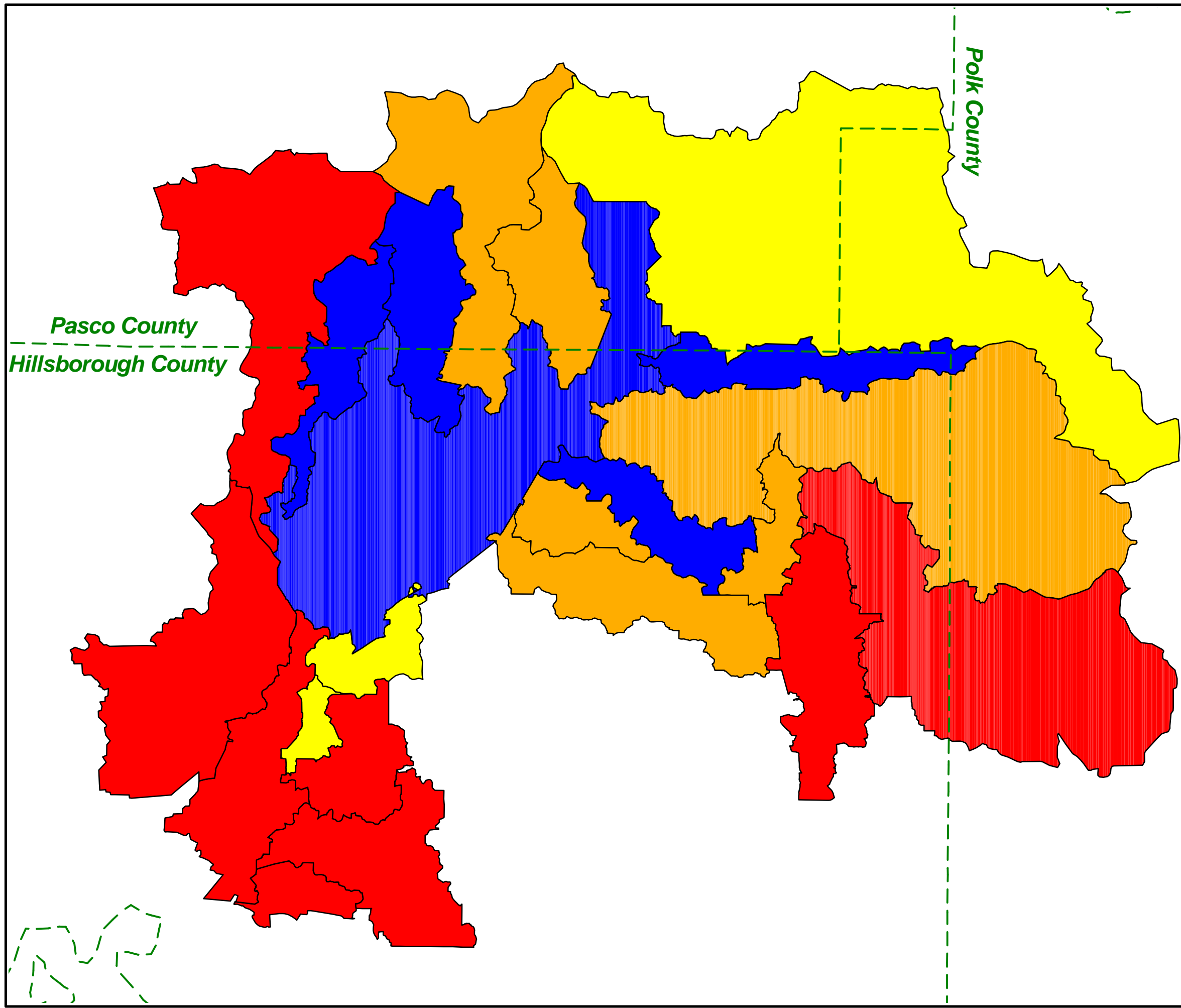








Figure 142

Water Quality Treatment
Level of Service
by Subbasin
Based on Future Land Use
Classifications and
Future Treatment Conditions
(lb/yr/acre): Zn

Legend:

-  County Boundary
- Level of Service:
 -  A
 -  B
 -  C
 -  D
 -  F

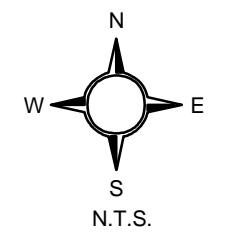
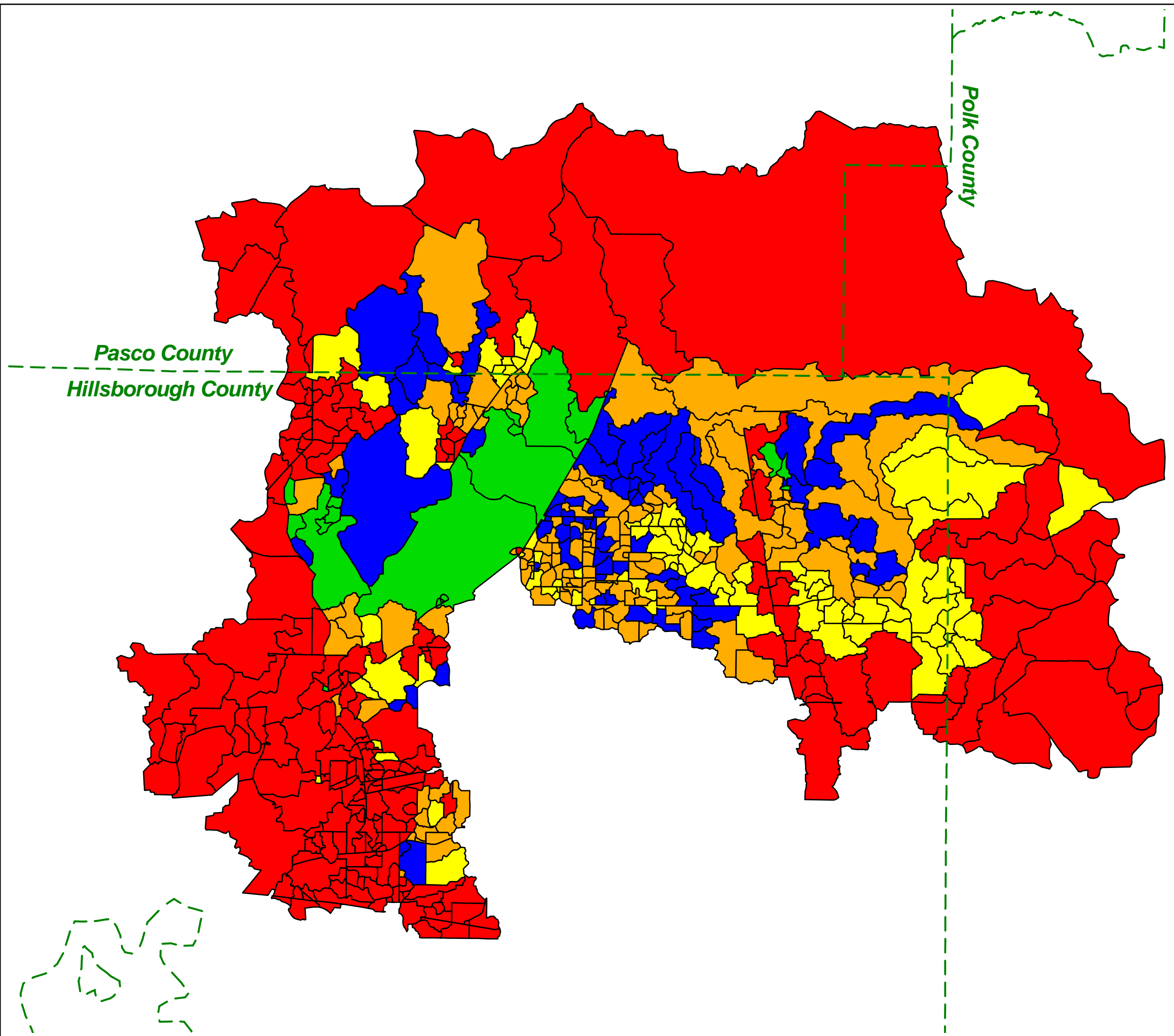








Figure 143

Water Quality Treatment Level of Service by Subwatershed Based on Future Land Use Classifications and Future Treatment Conditions (lb/yr/acre): Zn

Legend:

-  County Boundary
- Level of Service:
 -  A
 -  B
 -  C
 -  D
 -  F

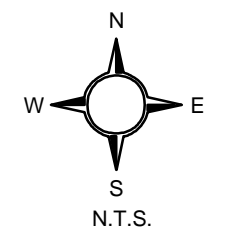
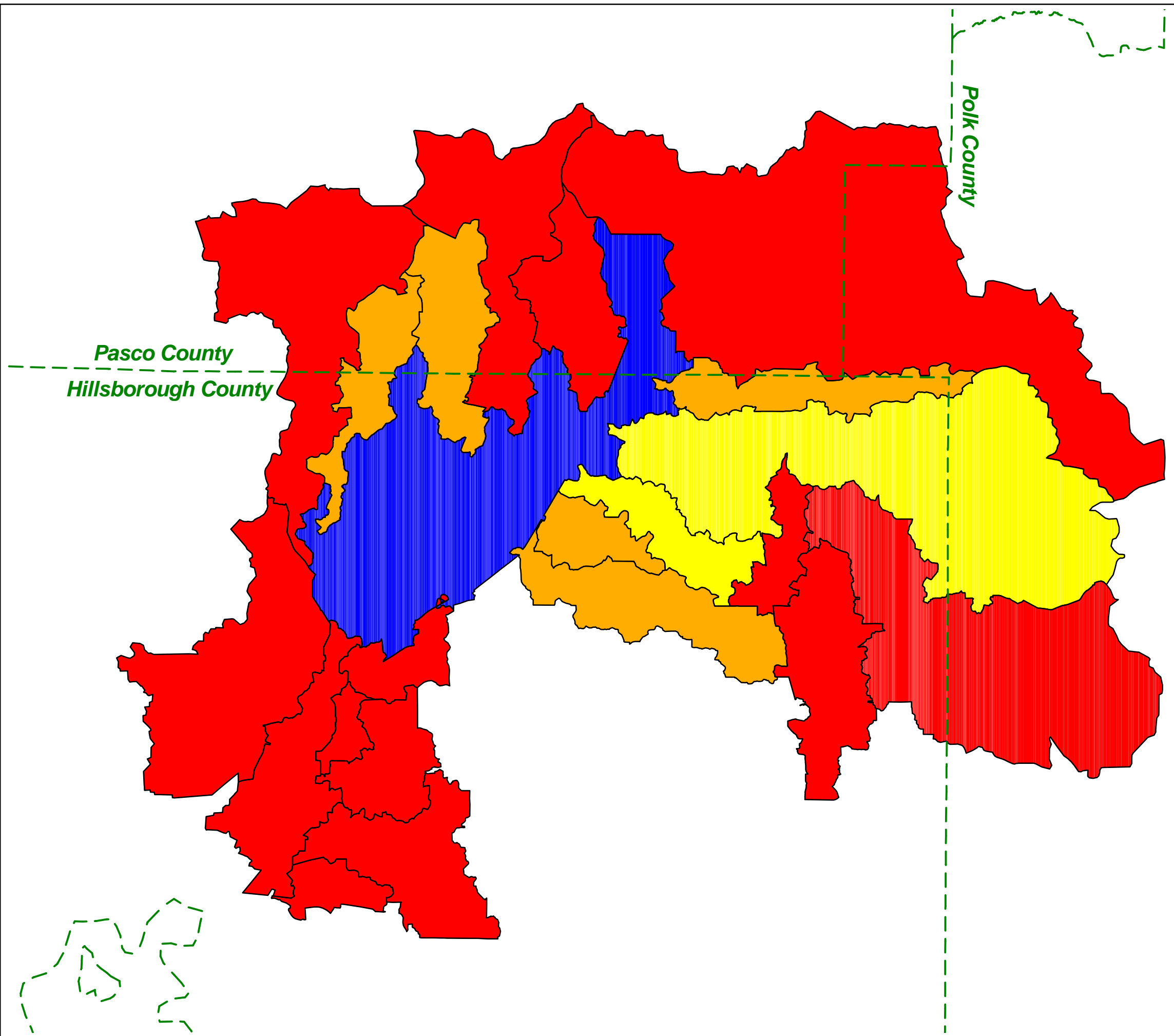


Figure 144