

West Virginia Watershed Atlas

WATER USE SECTION



west virginia department of environmental protection

November 2013

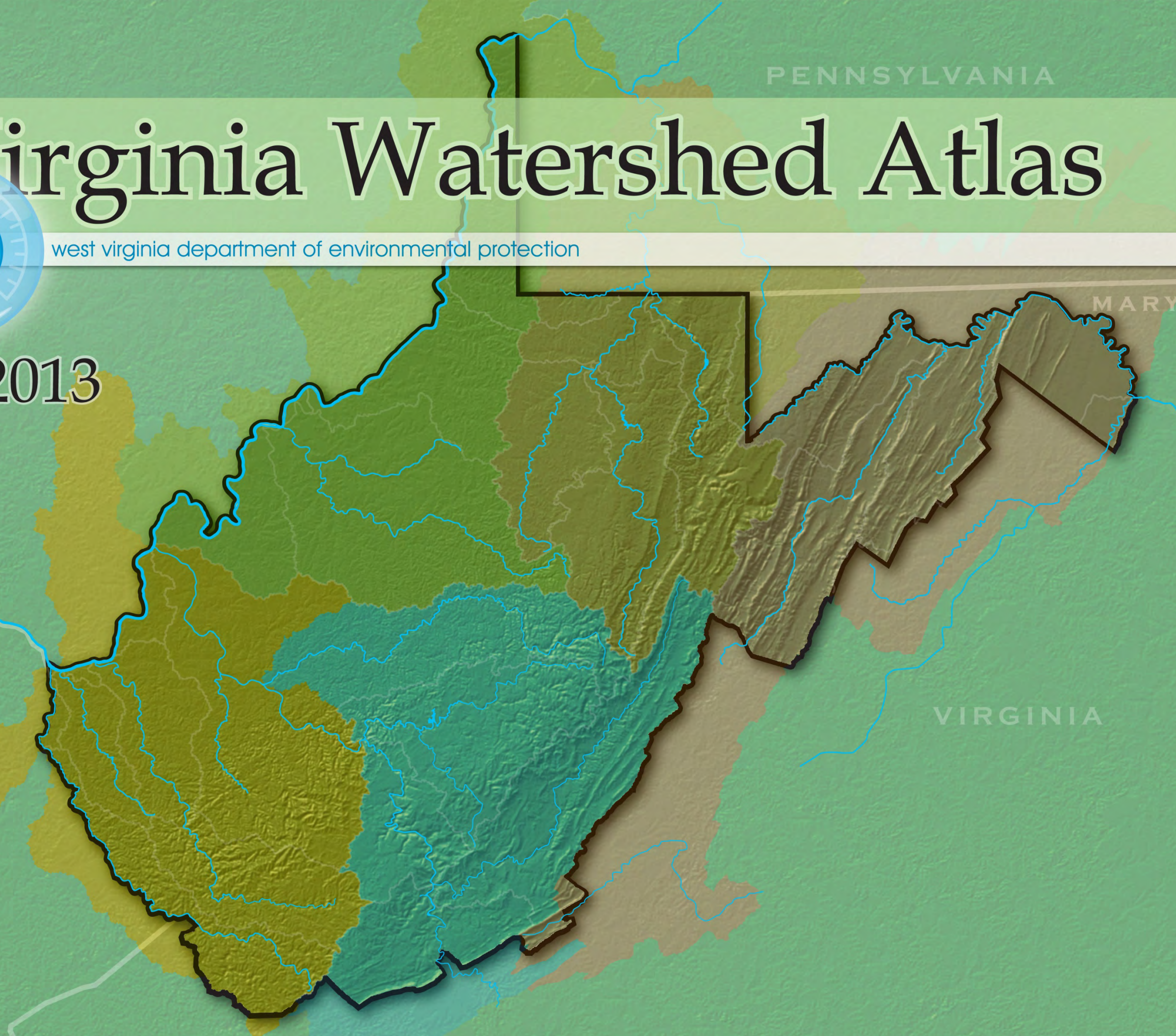
KENTUCKY

OHIO

PENNSYLVANIA

MARYLAND

VIRGINIA



Legal Disclaimer

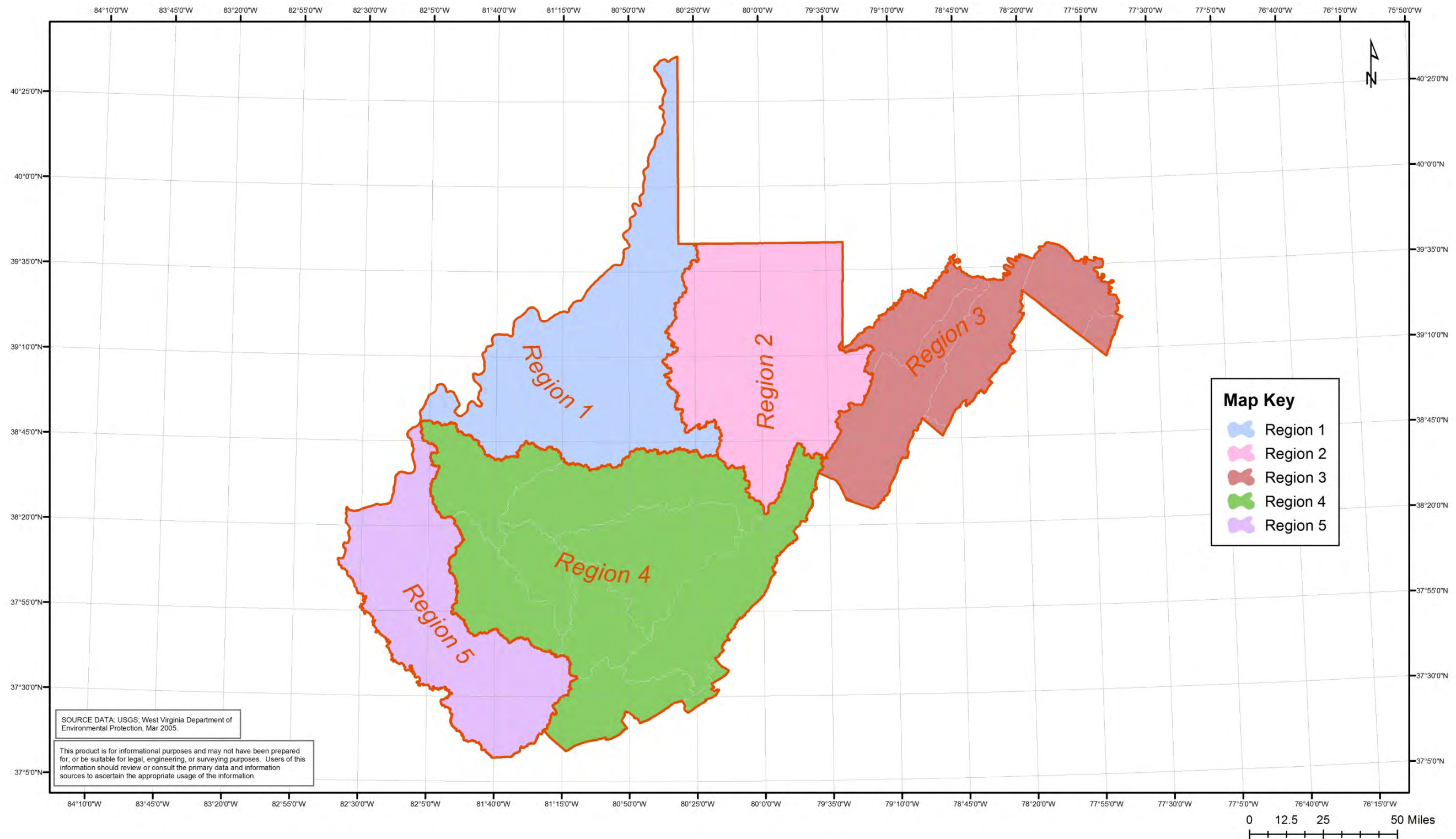


The West Virginia Department of Environmental Protection does not assume responsibility for the accuracy of this information. Persons using this information should verify its accuracy prior to use for any project.

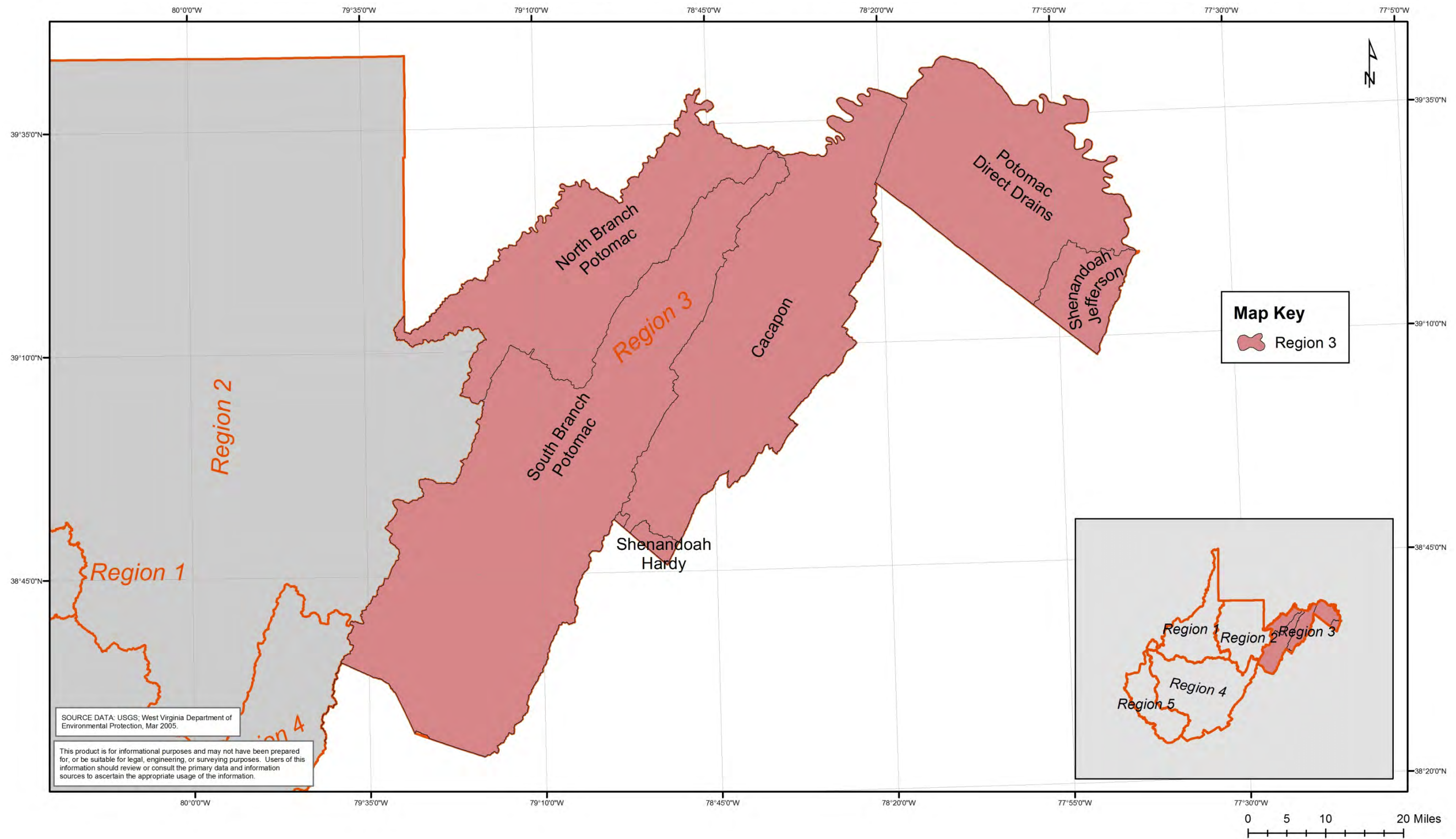
Table of Contents

West Virginia Watershed – Regional Map	3
Region 3	4
Eastern Panhandle HUC-8 Watershed (Cacapon, Potomac Direct Drains, Shenandoah Hardy, Shenandoah Jefferson).....	5
North Branch Potomac HUC-8 Watershed	25
South Branch Potomac HUC-8 Watershed	46

West Virginia Watershed – Regional Map

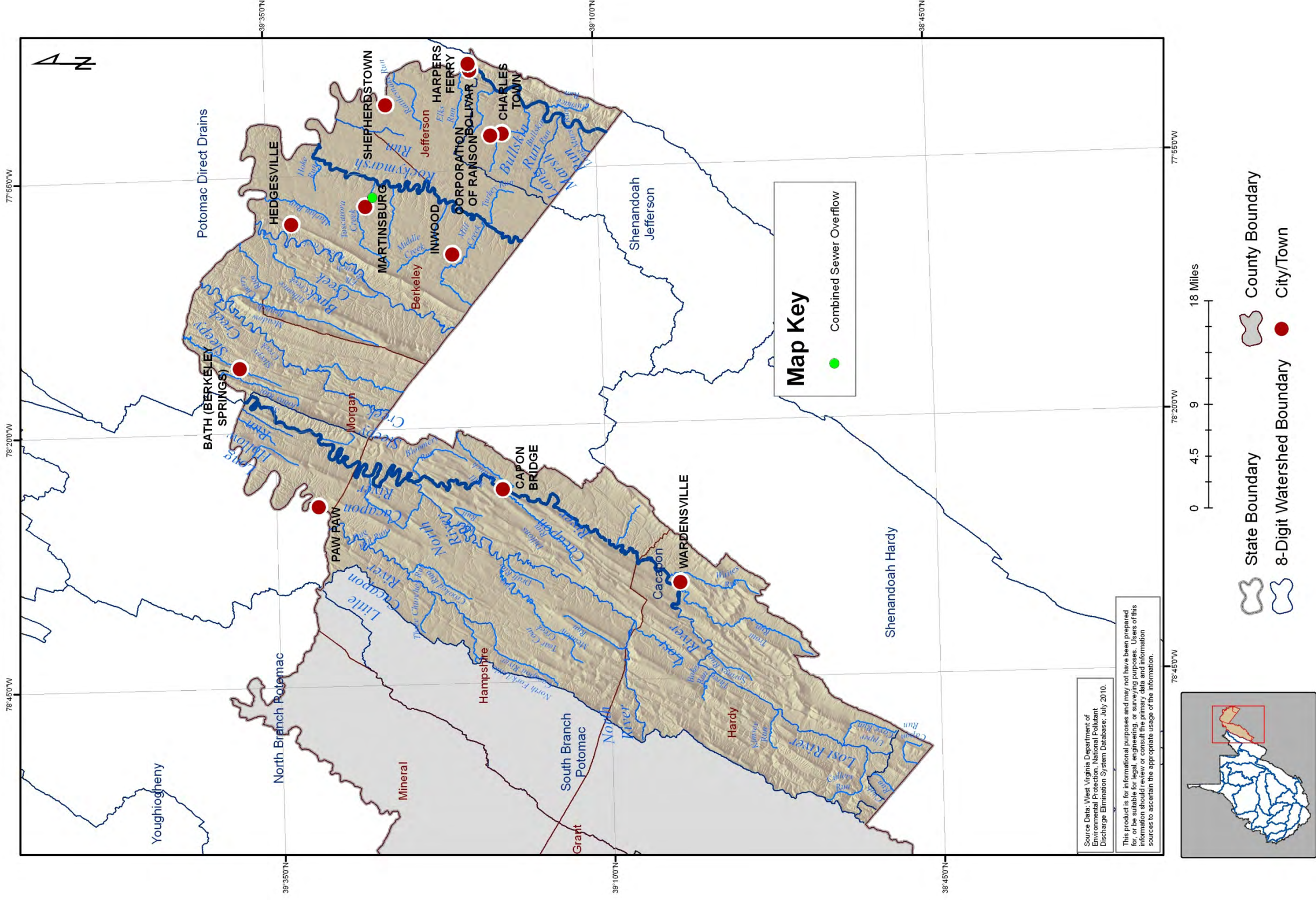


Region 3



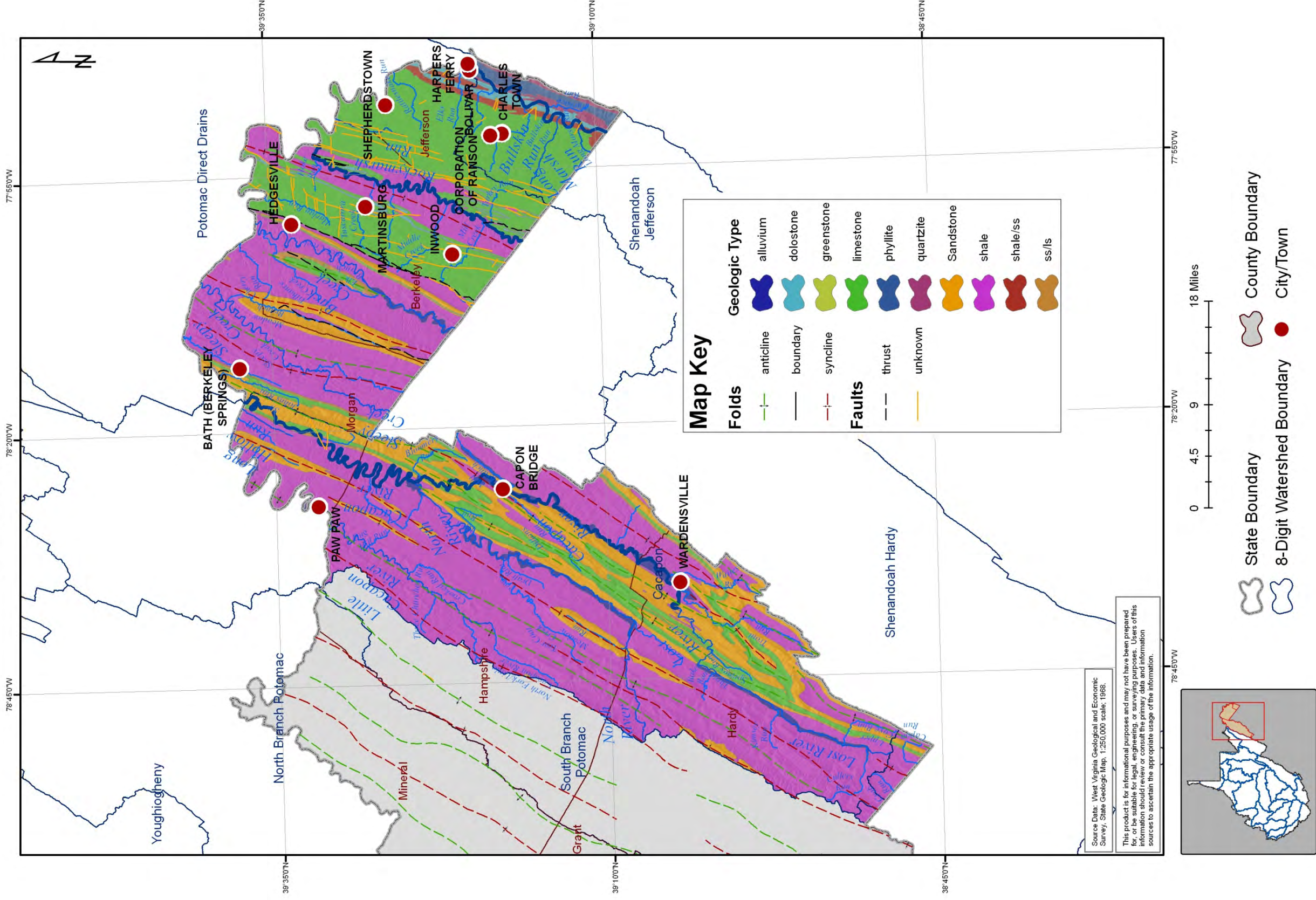
Eastern Panhandle HUC-8 Watersheds

Combined Sewer Overflows



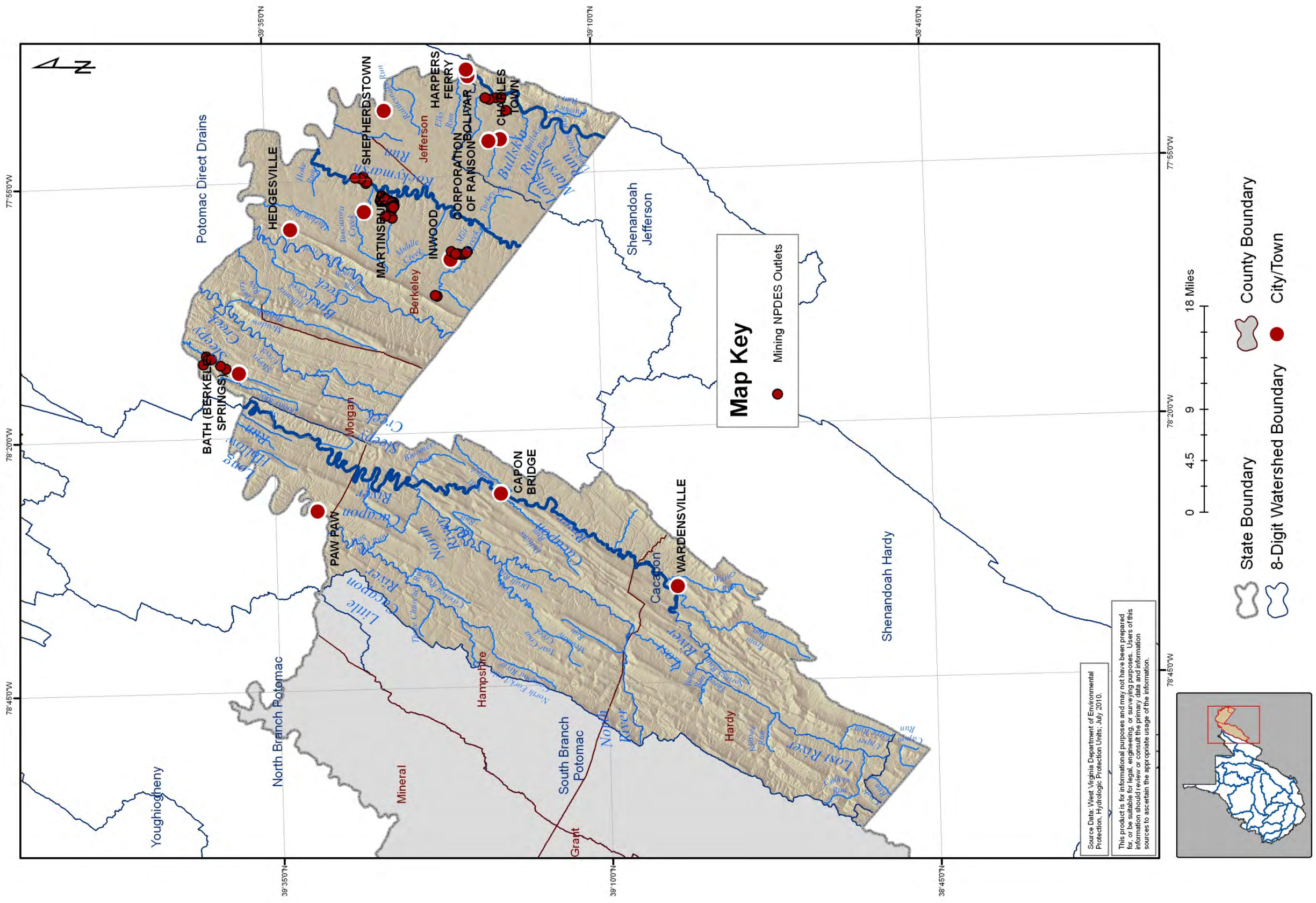
Eastern Panhandle HUC-8 Watersheds

Surface Geology



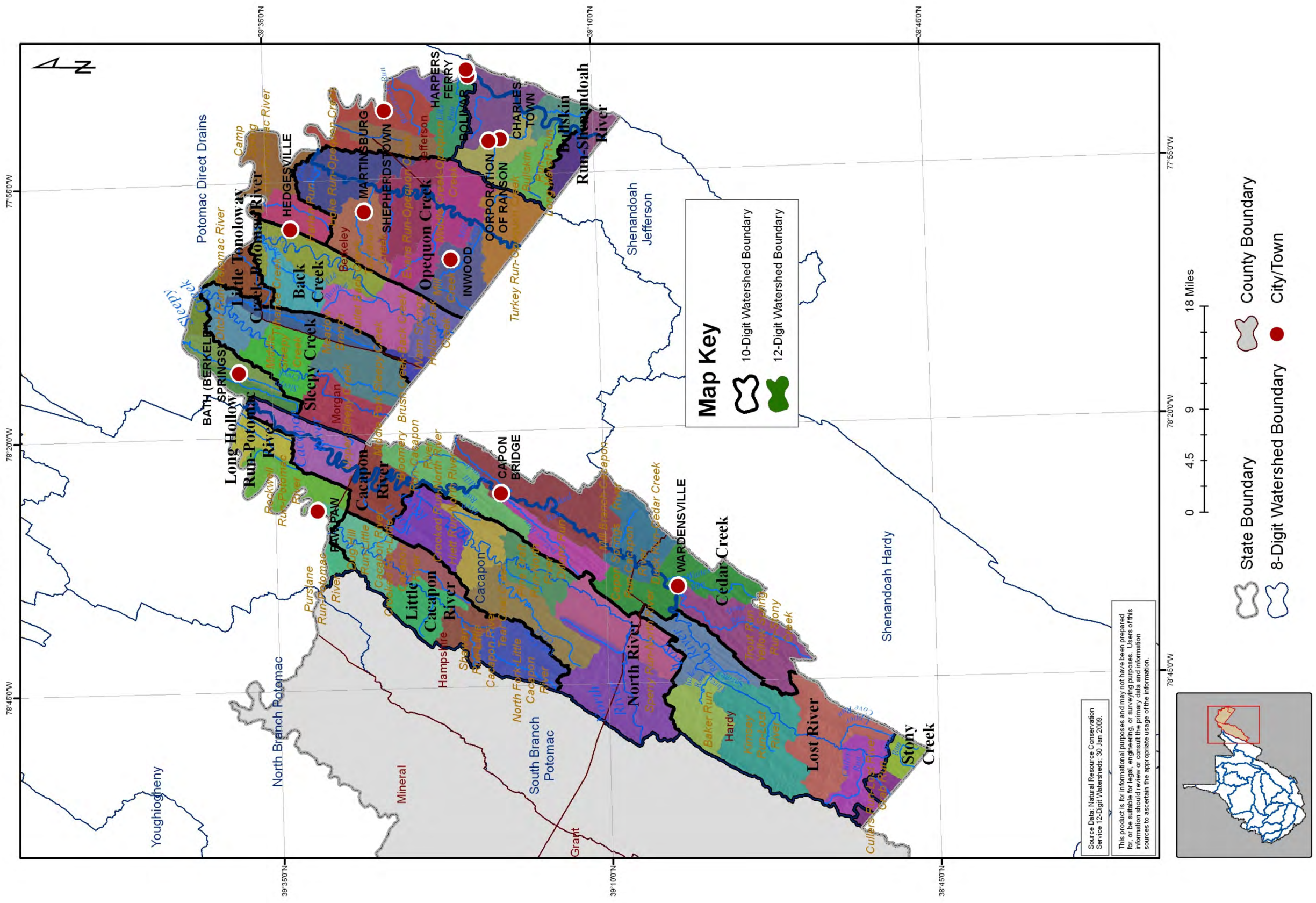
Eastern Panhandle HUC-8 Watersheds

Mining Related NPDES Outlets



Eastern Panhandle HUC-8 Watersheds

HUC 10 and HUC 12 Watersheds

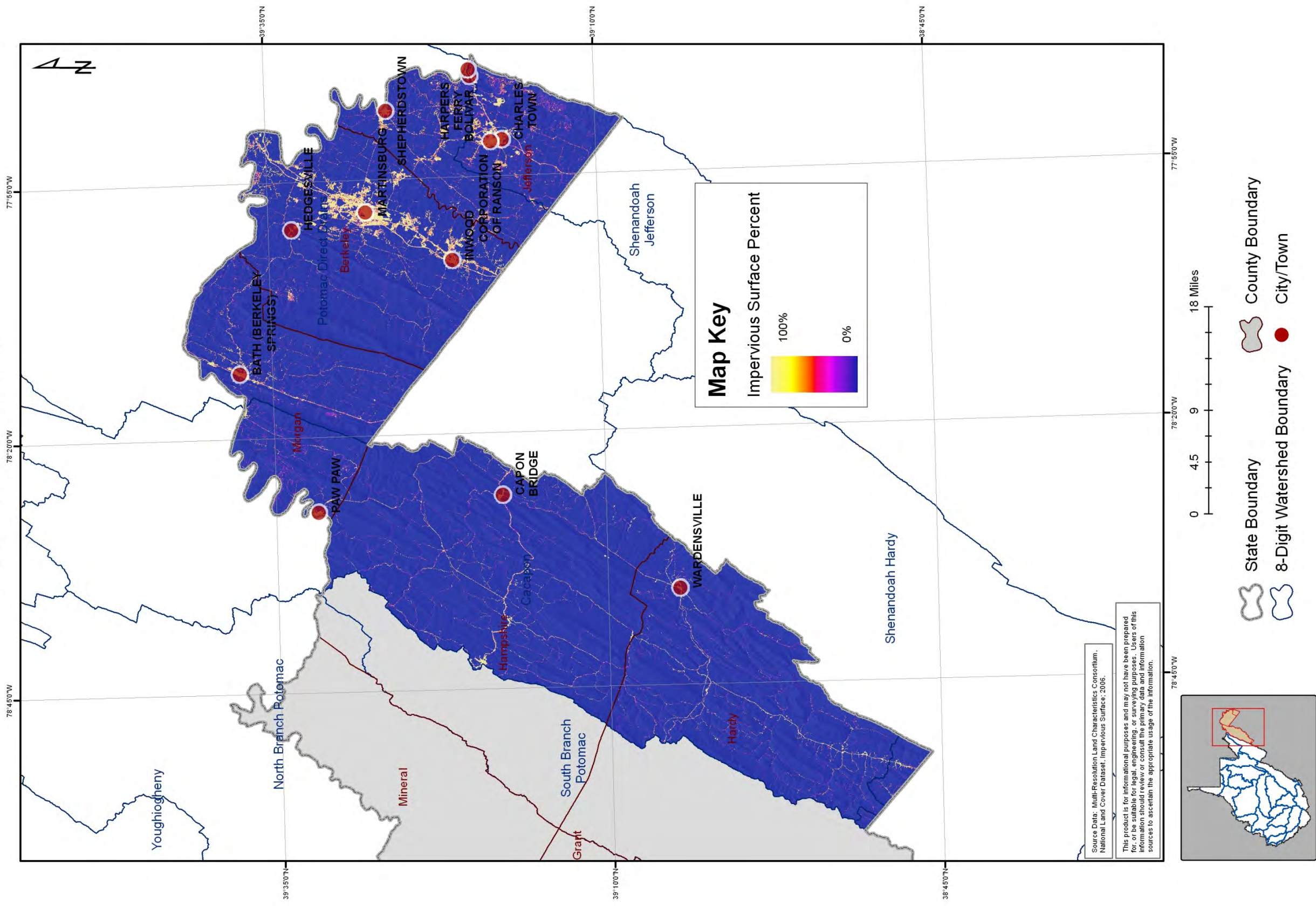


Source Data: Natural Resource Conservation Service 12-Digit Watersheds: 30 Jan 2009.

This product is for informational purposes and may not have been prepared for, or used in, any legal, engineering, or surveying purposes. Users of this product should consult with appropriate information sources to ascertain the appropriate usage of the information.

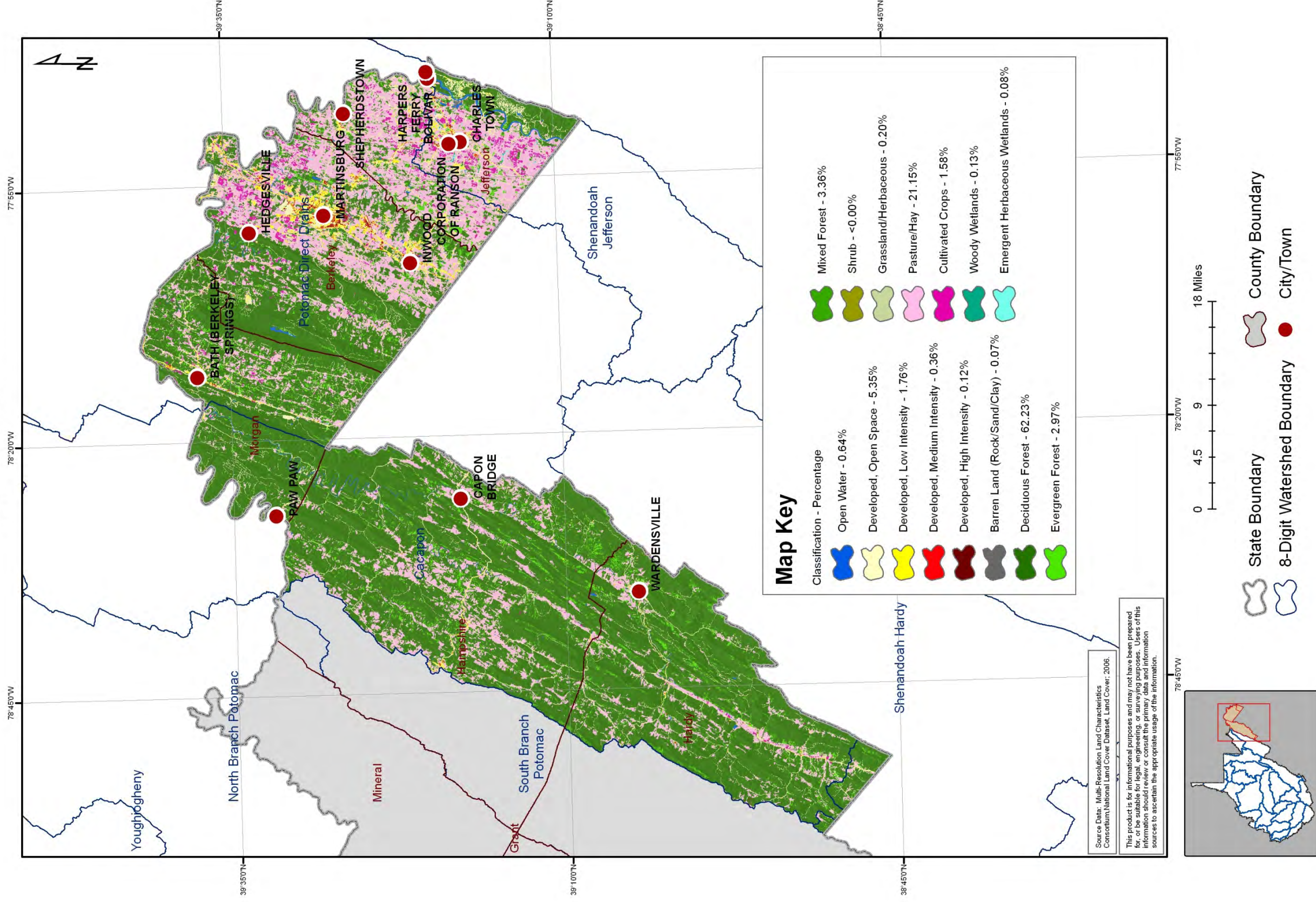
Eastern Panhandle HUC-8 Watersheds

2006 Impervious Surfaces



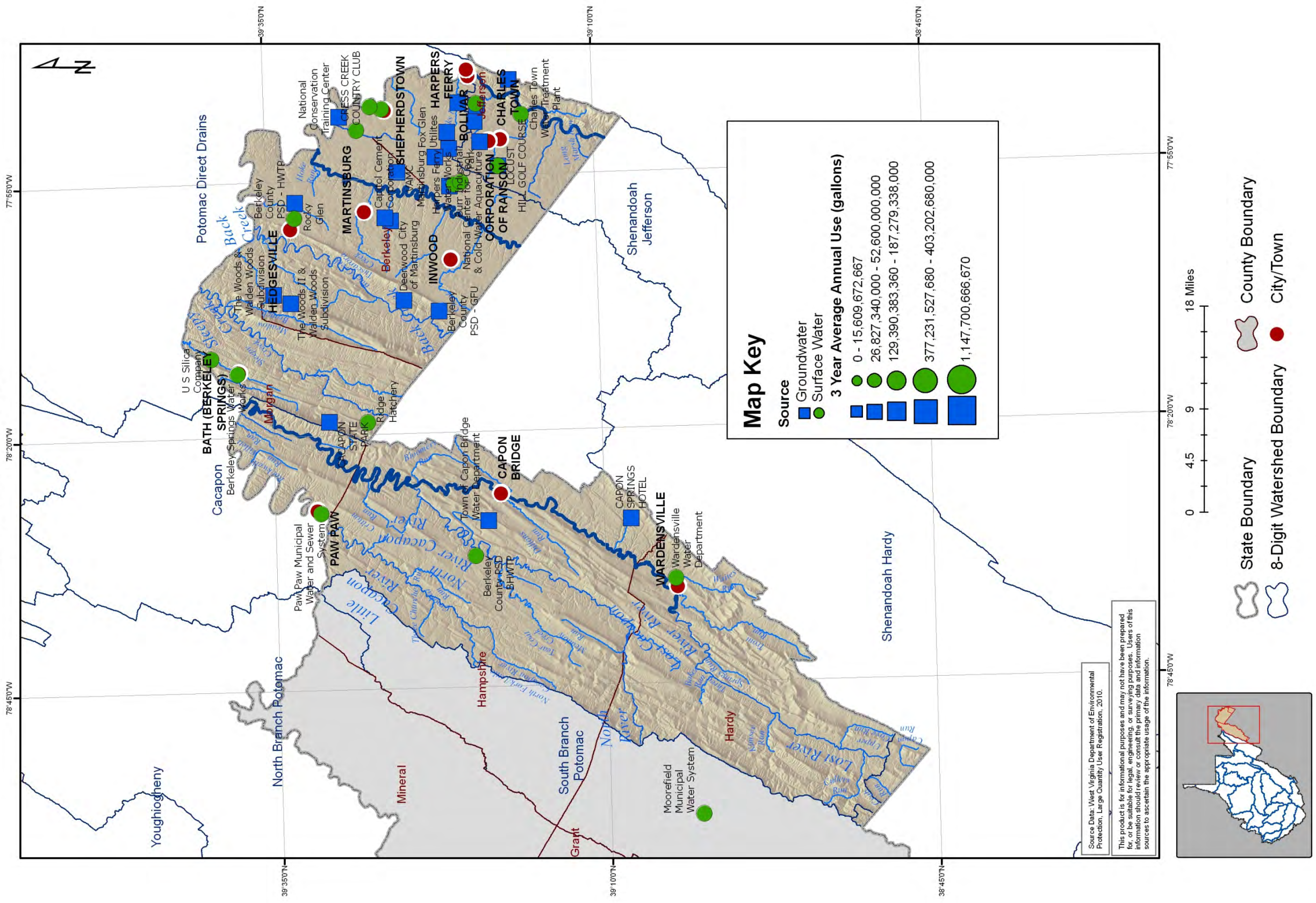
Eastern Panhandle HUC-8 Watersheds

2006 Land Cover



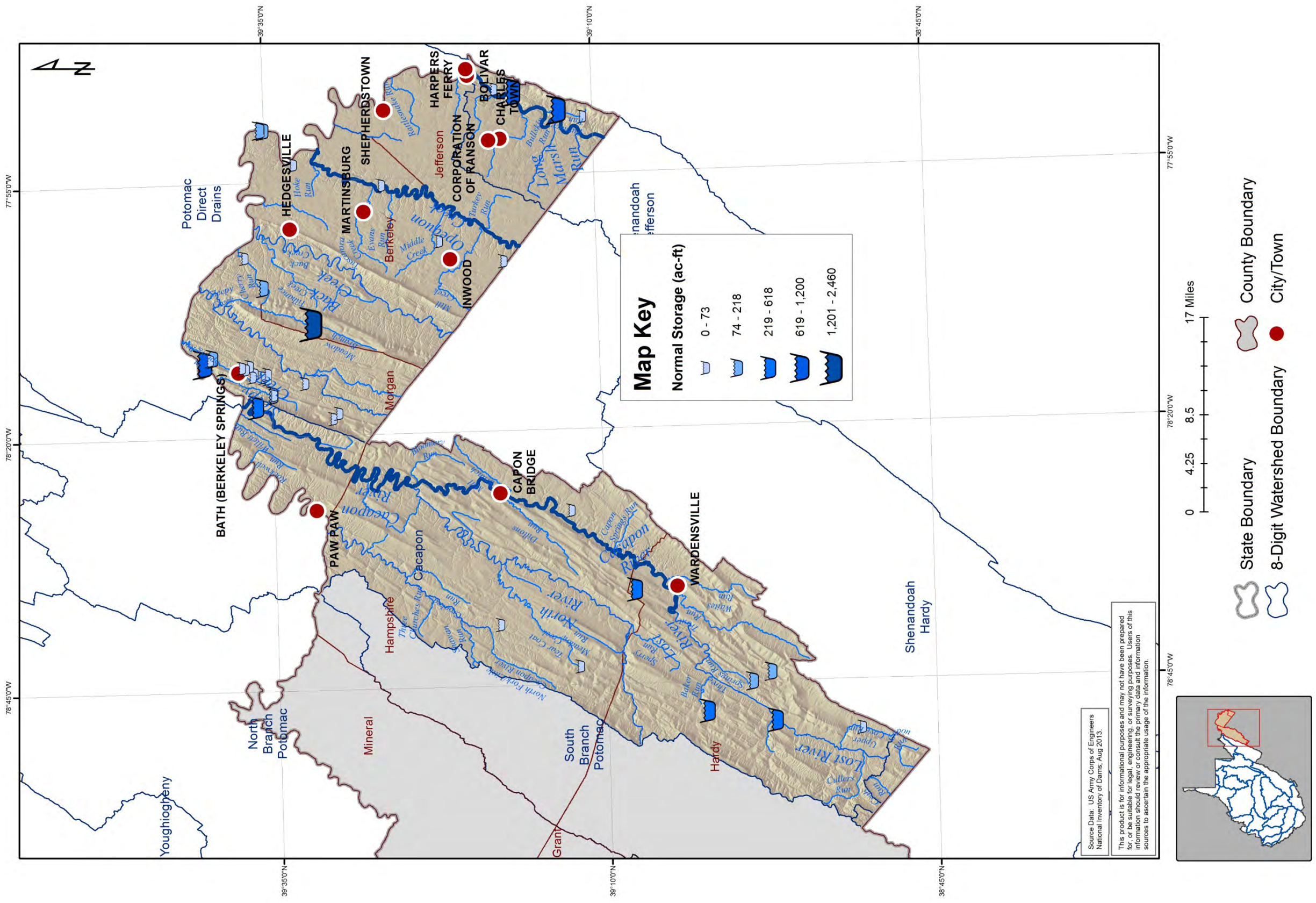
Eastern Panhandle HUC-8 Watersheds

Large Quantity Users



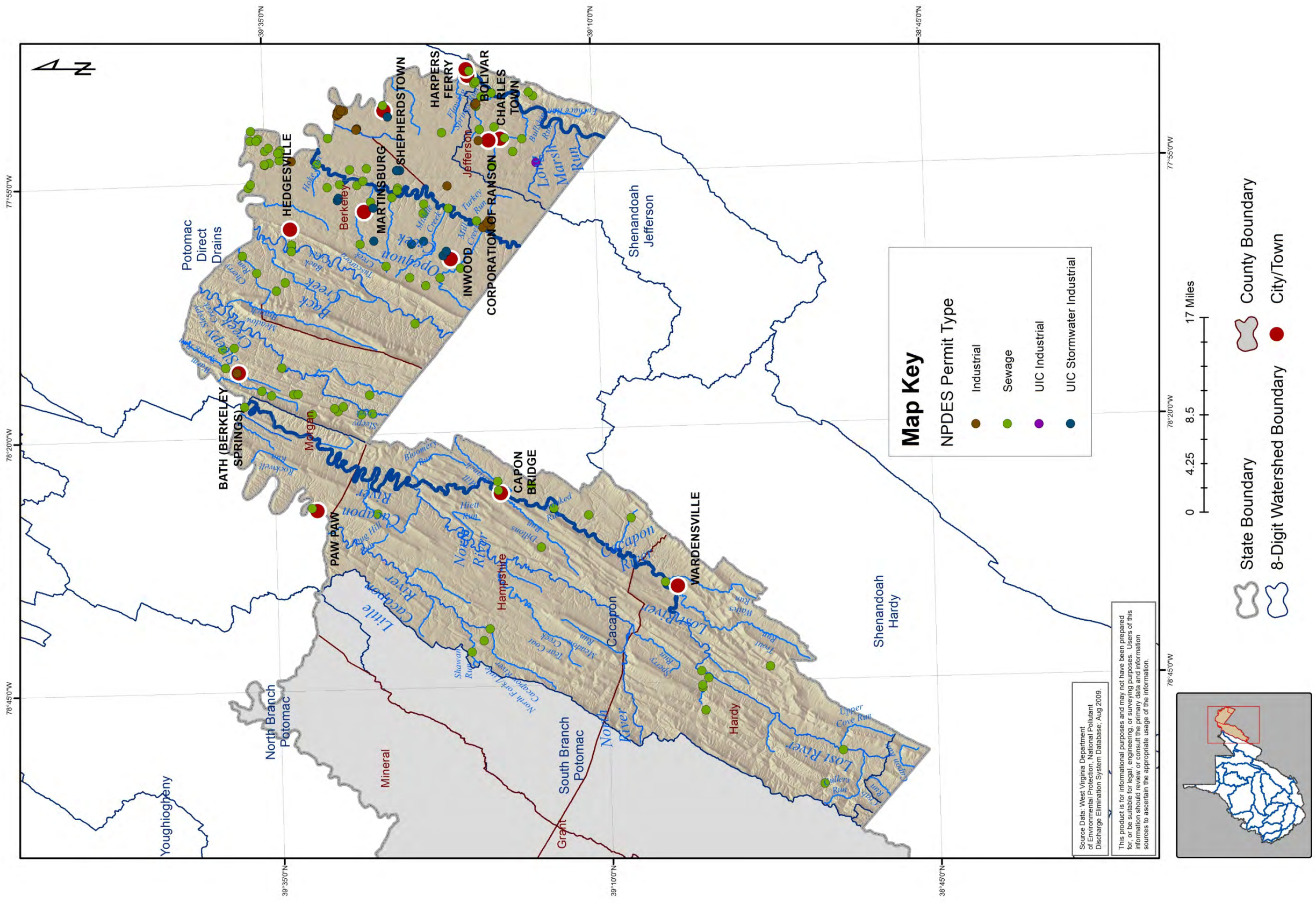
Eastern Panhandle HUC-8 Watersheds

Permitted Dams



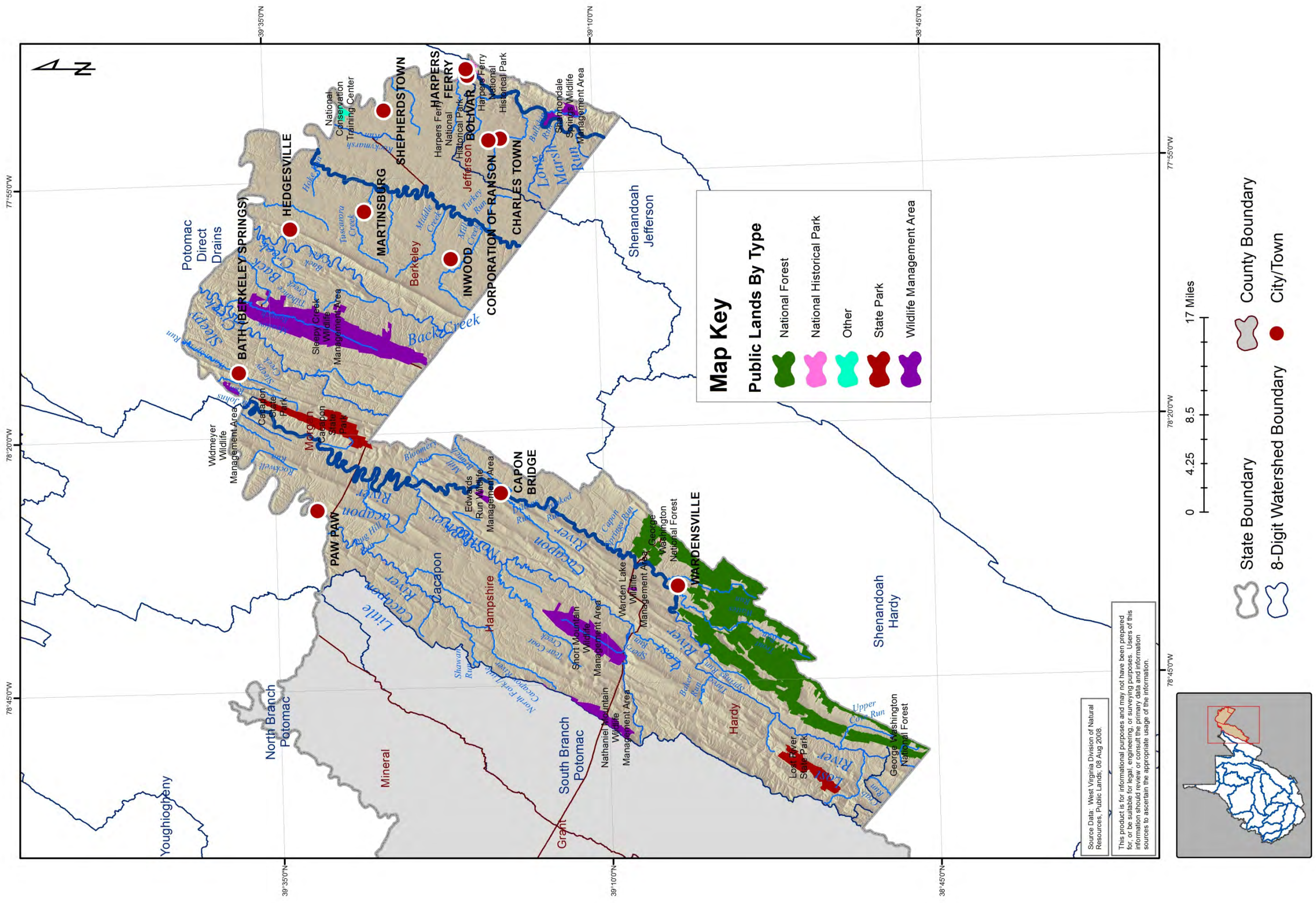
Eastern Panhandle HUC-8 Watersheds

Non-Mining NPDES Outlets



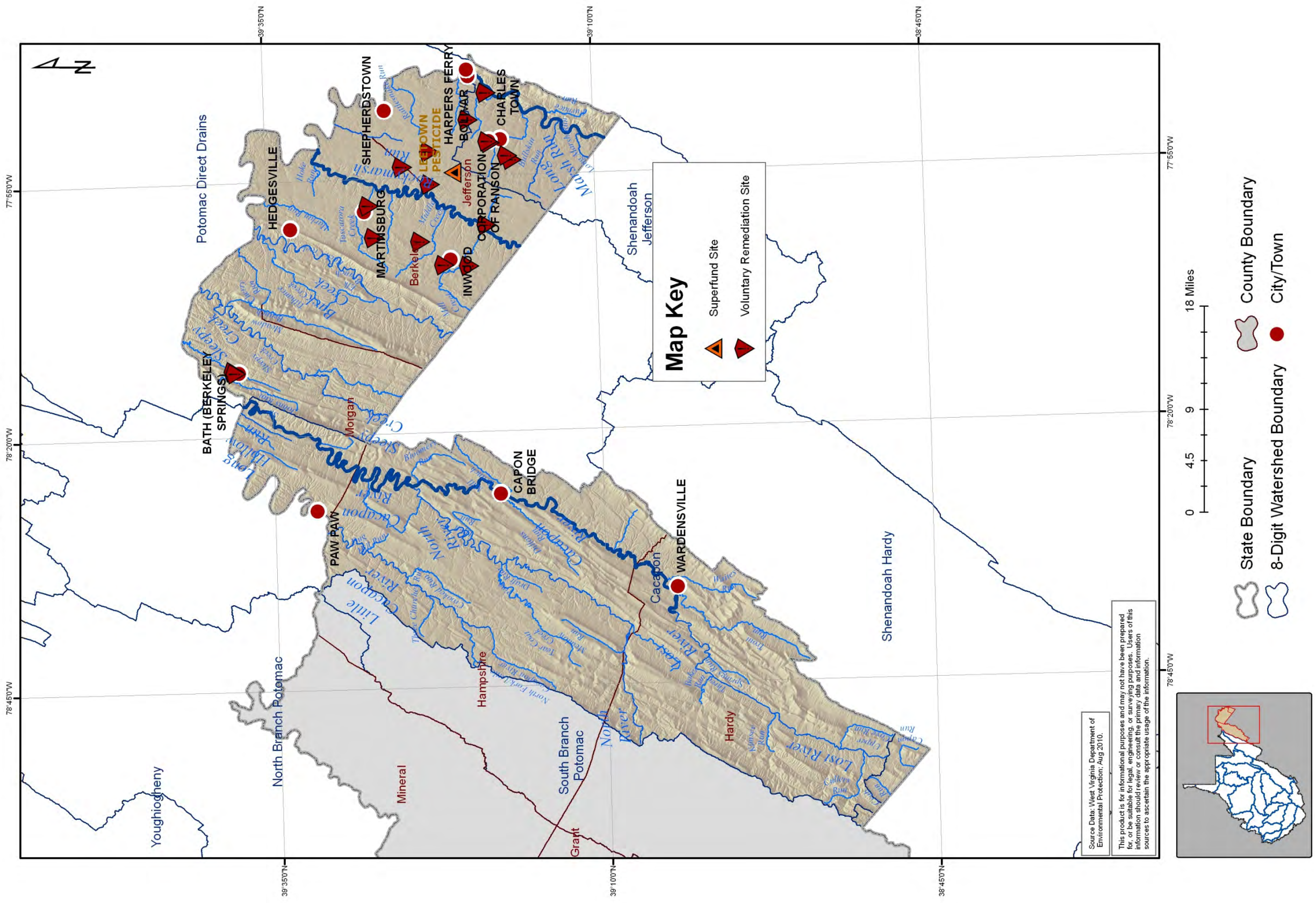
Eastern Panhandle HUC-8 Watersheds

Public Lands



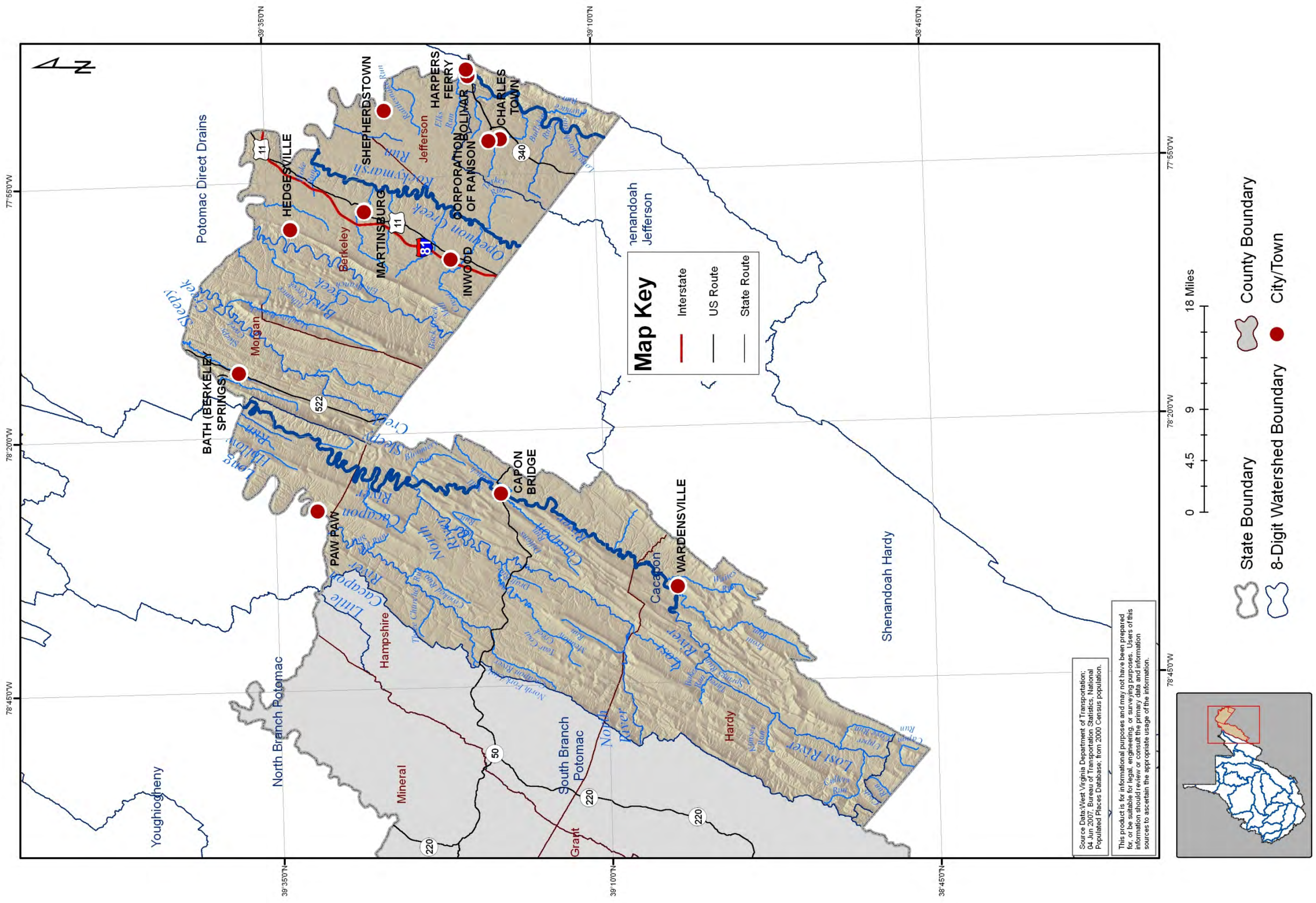
Eastern Panhandle HUC-8 Watersheds

Remediation Sites



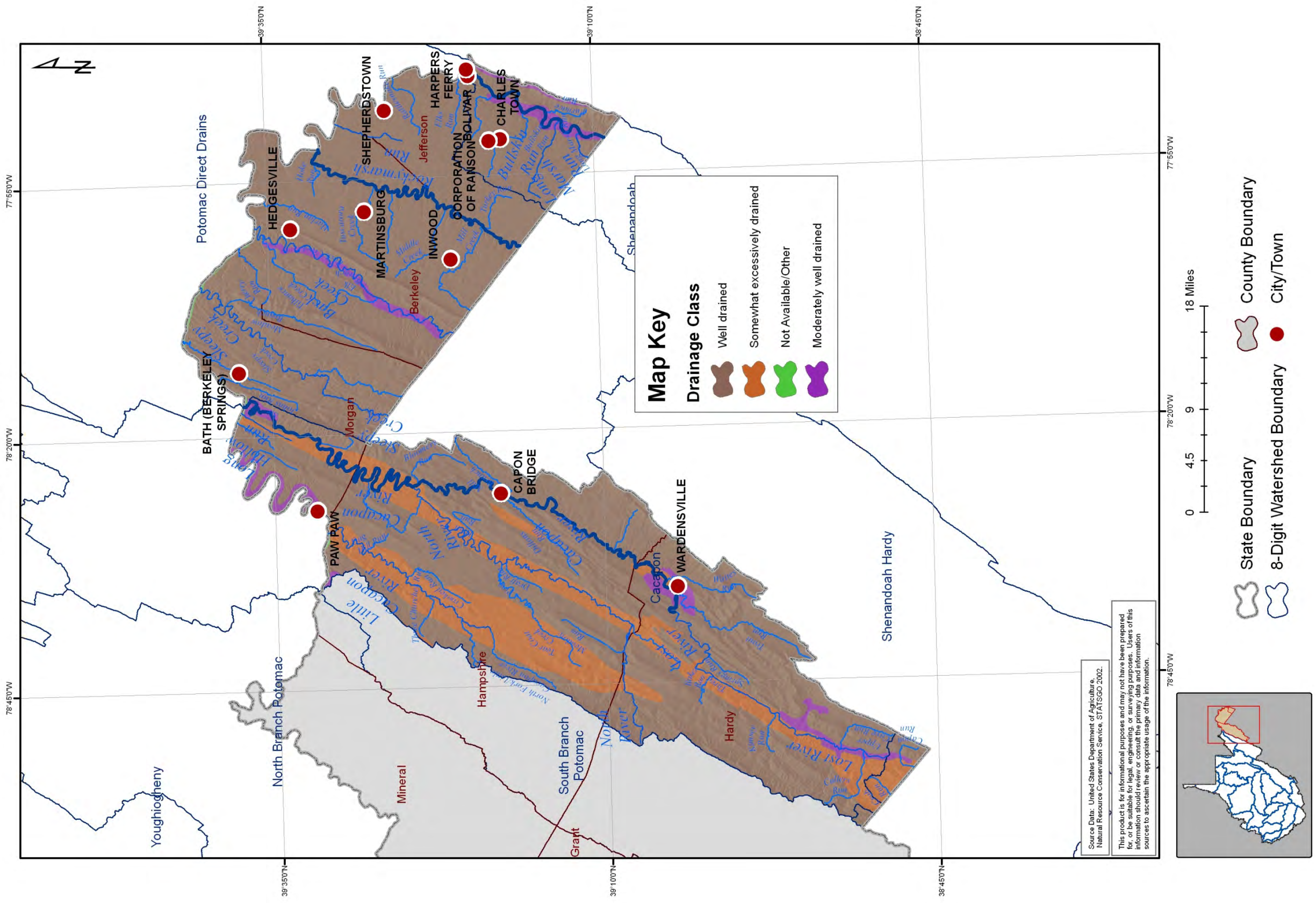
Eastern Panhandle HUC-8 Watersheds

Major Roads and Cities



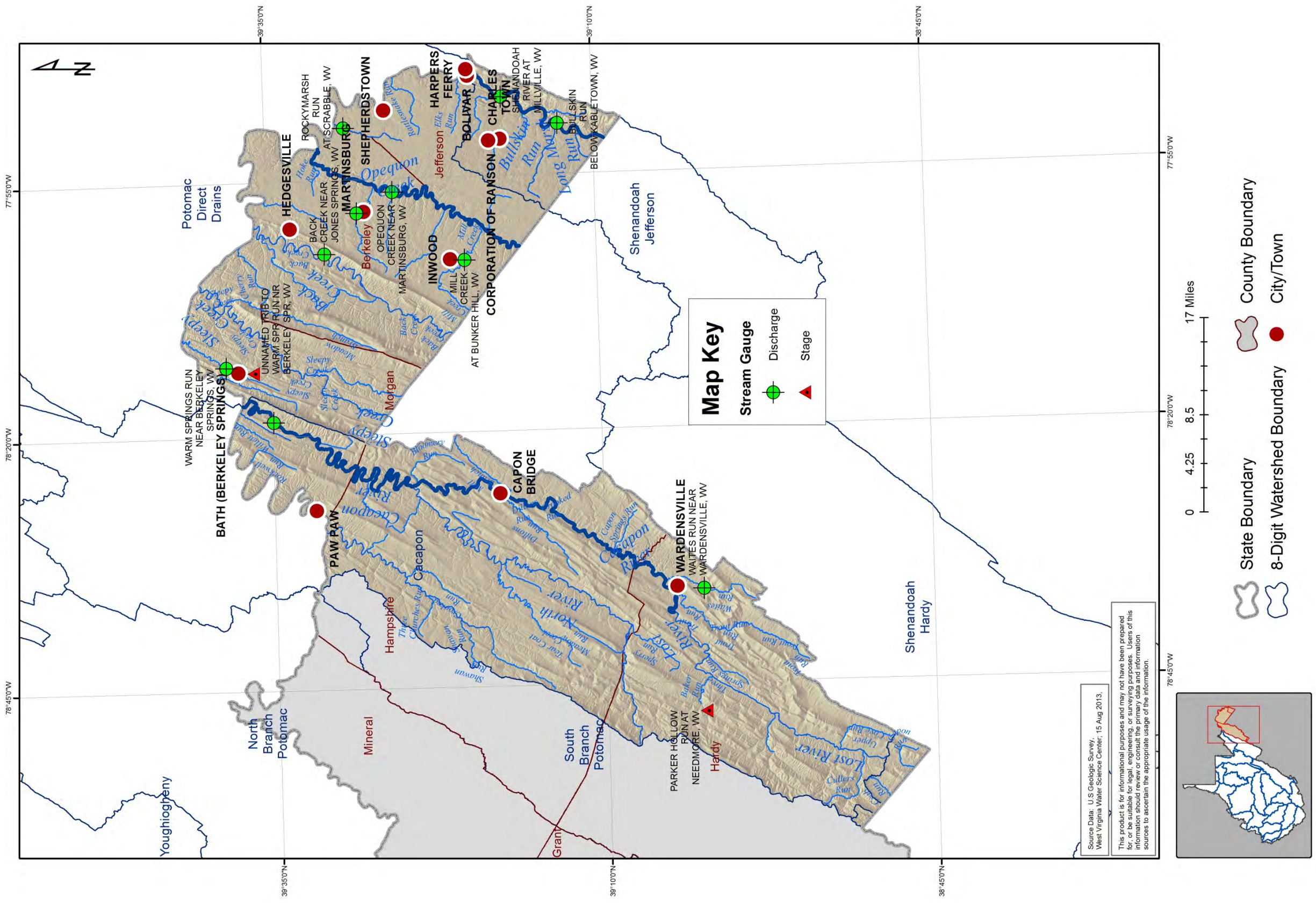
Eastern Panhandle HUC-8 Watersheds

Soil Drainage Classes



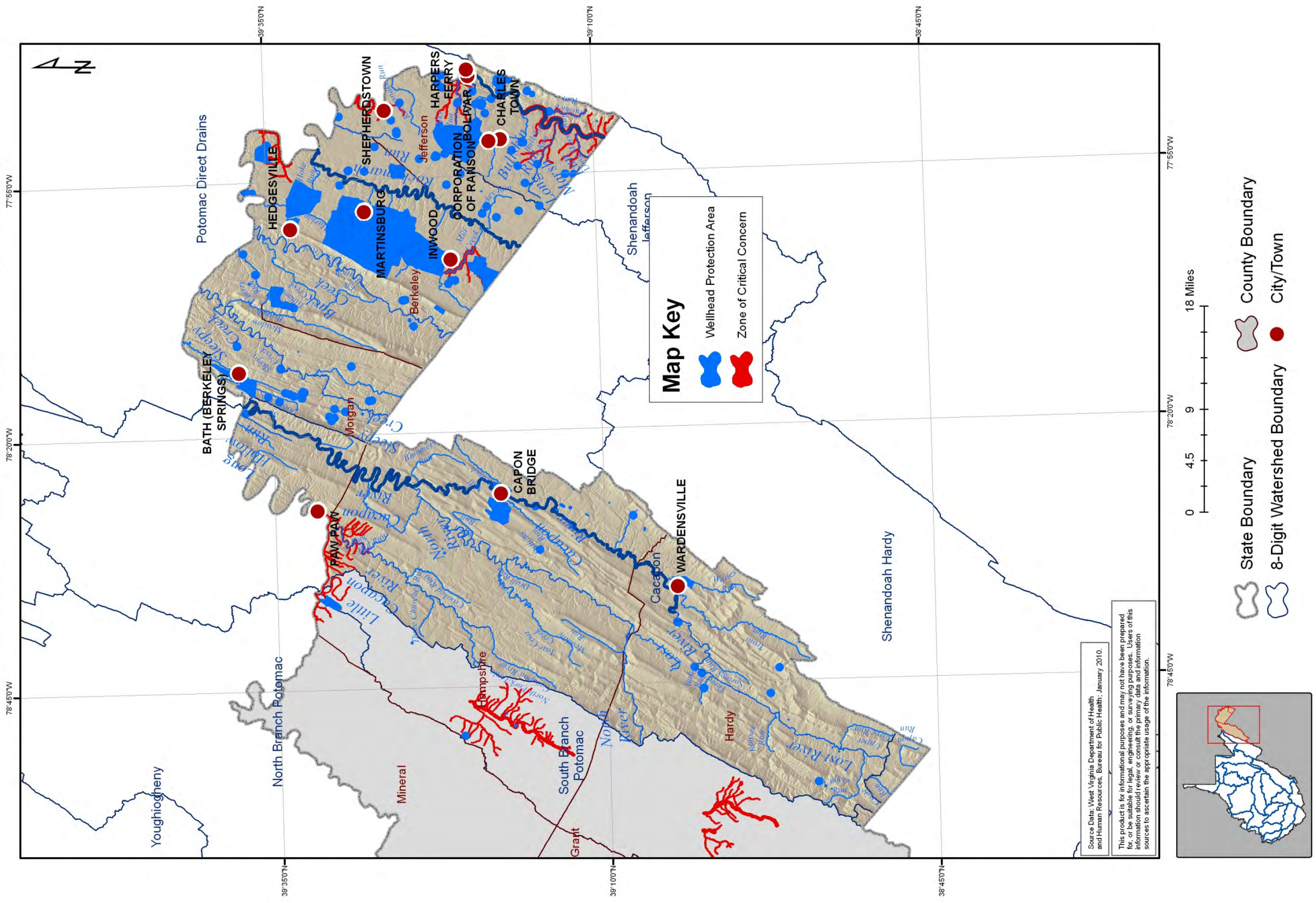
Eastern Panhandle HUC-8 Watersheds

Stream Gauges



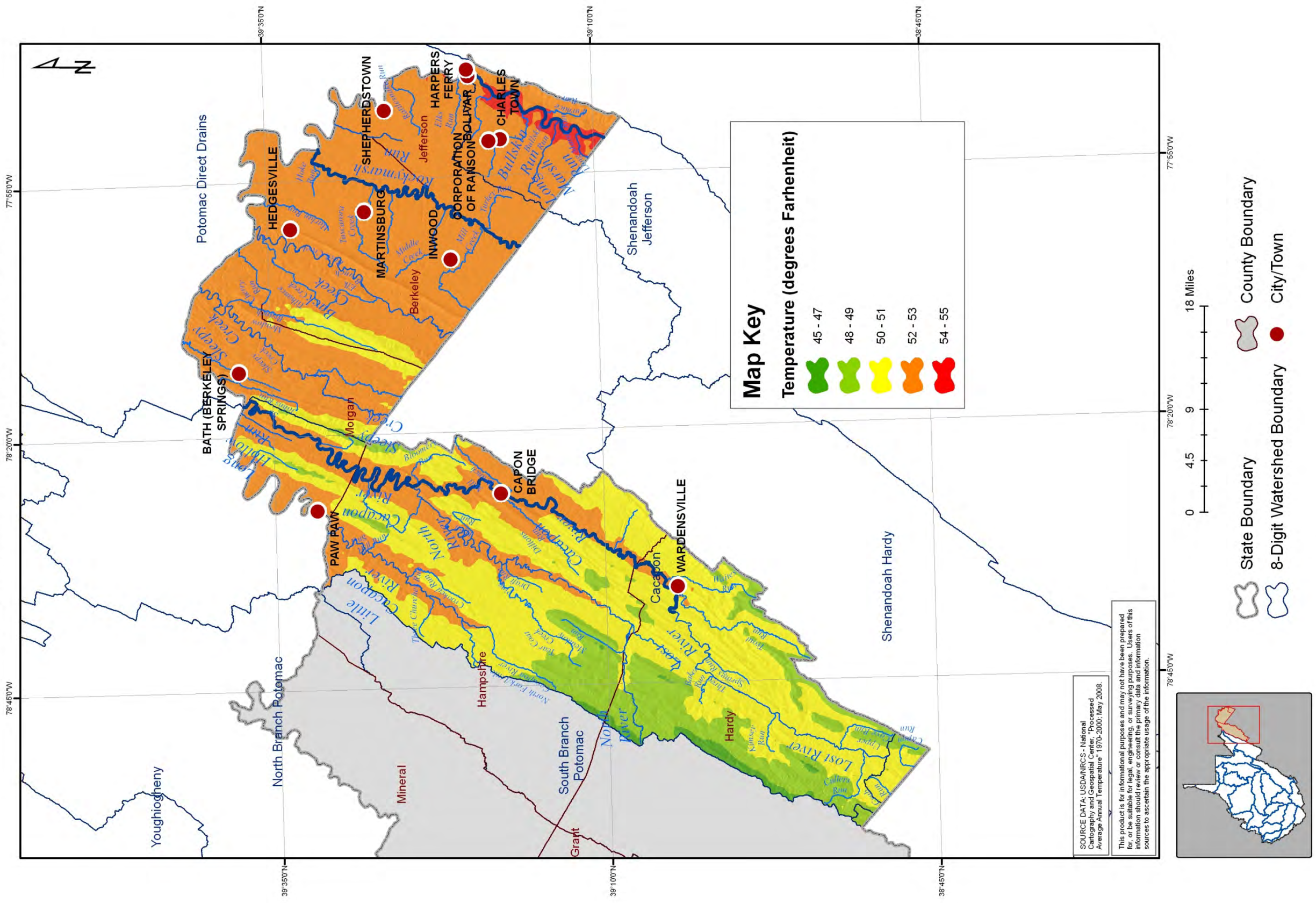
Eastern Panhandle HUC-8 Watersheds

Source Water Assessment and Wellhead Protection Programs



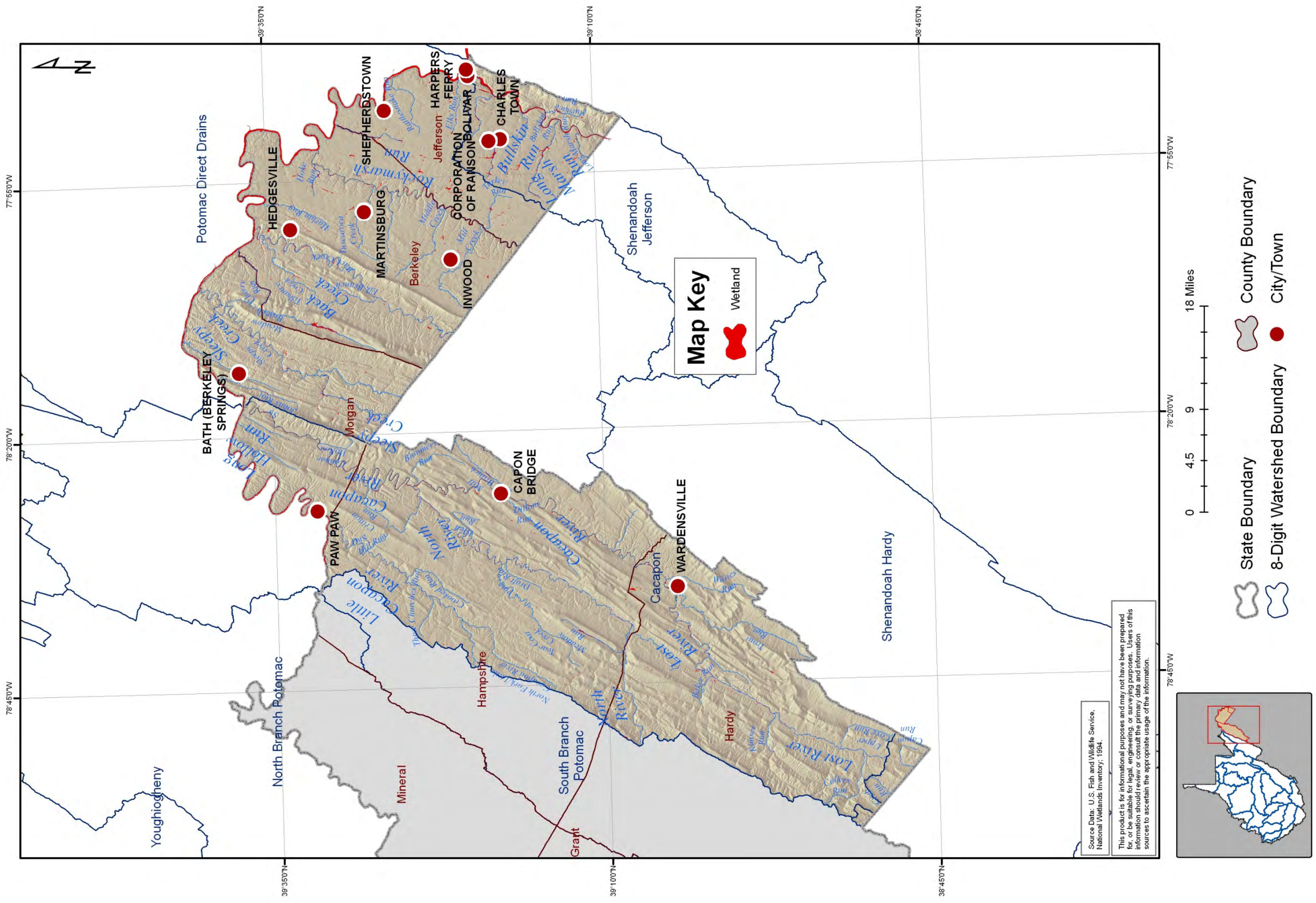
Eastern Panhandle HUC-8 Watersheds

Average Annual Temperature (1971-2000)



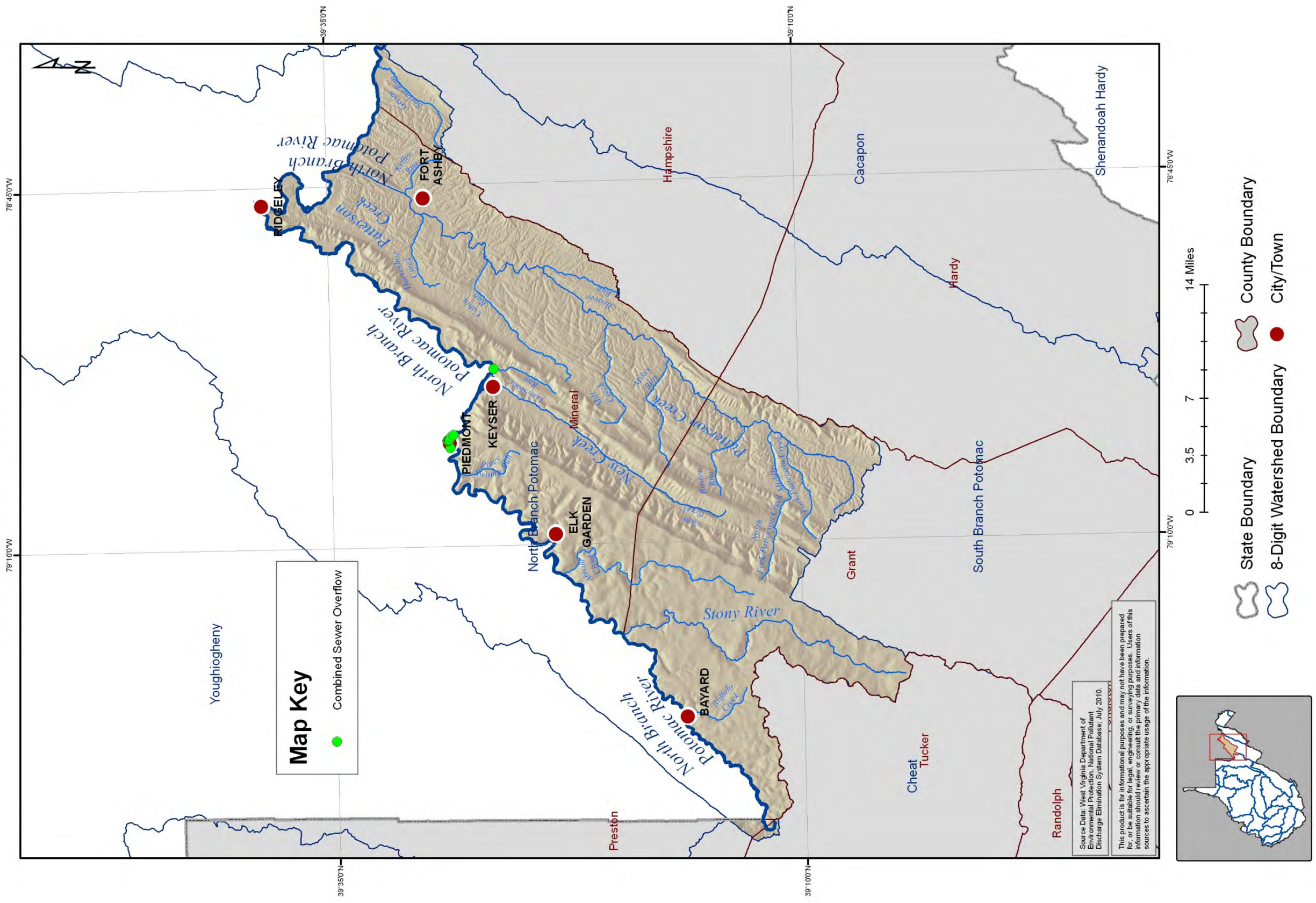
Eastern Panhandle HUC-8 Watersheds

Wetlands



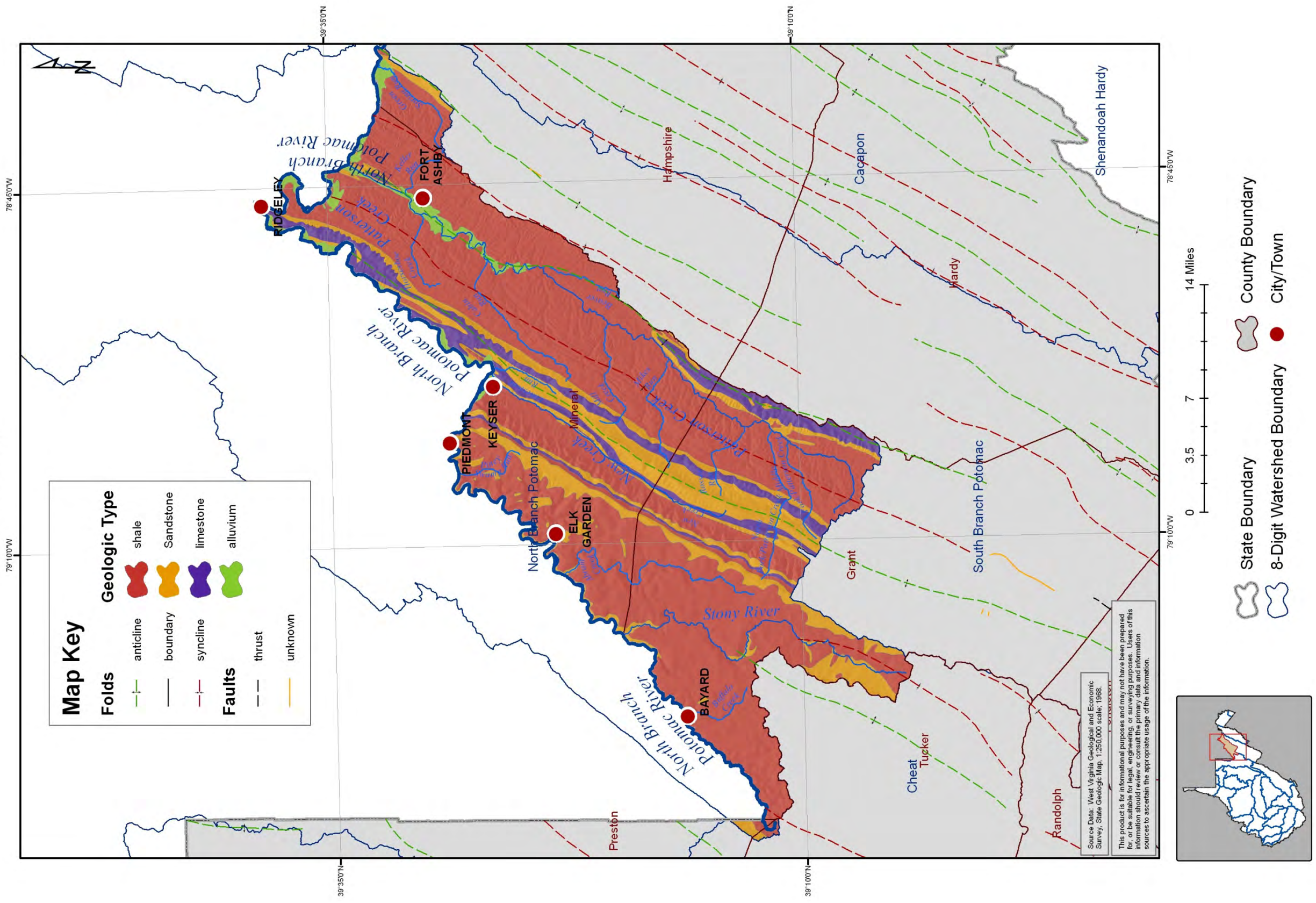
North Branch Potomac HUC-8 Watershed

Combined Sewer Overflow



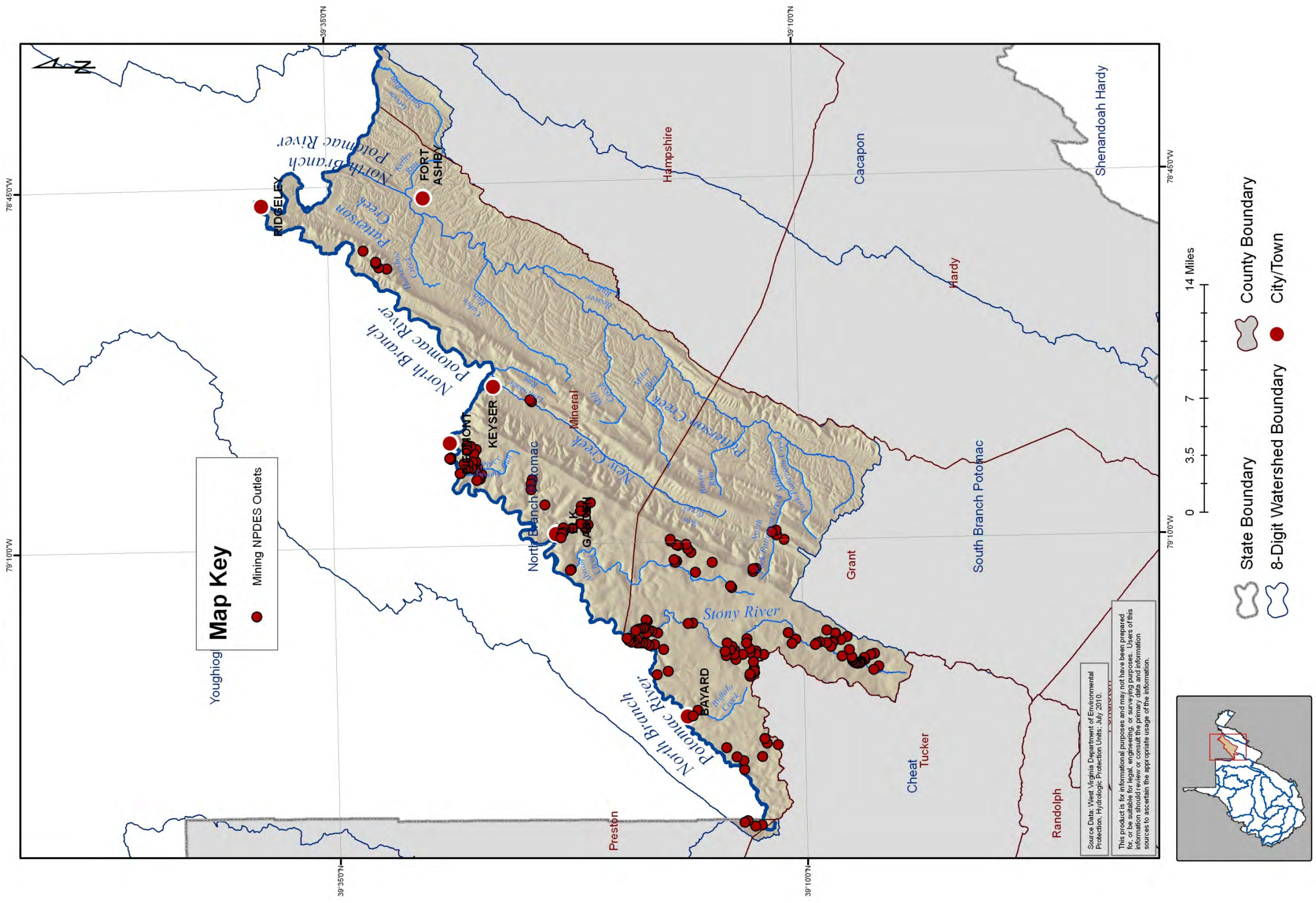
North Branch Potomac HUC-8 Watershed

Surface Geology



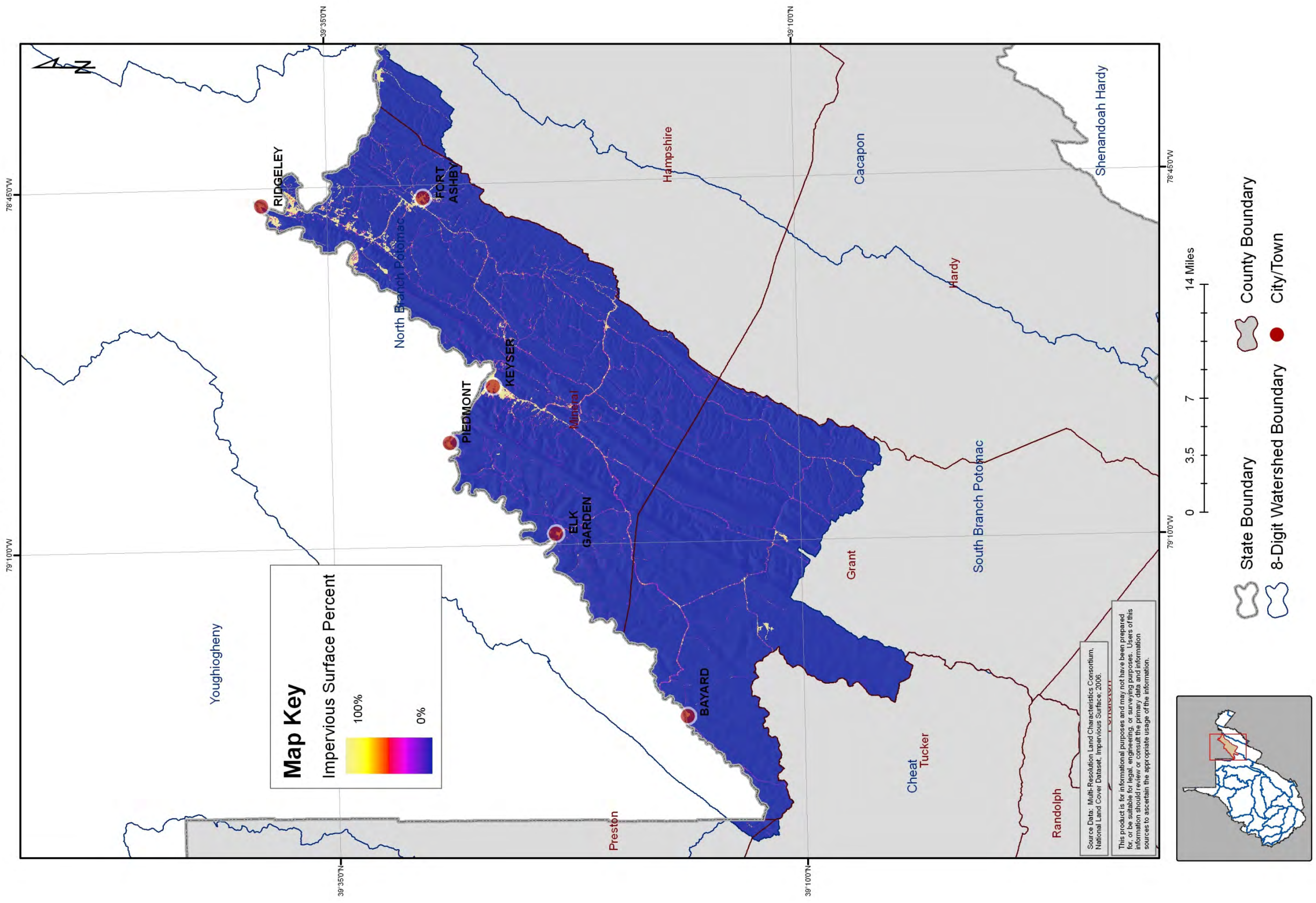
North Branch Potomac HUC-8 Watershed

Mining Related NPDES Outlets



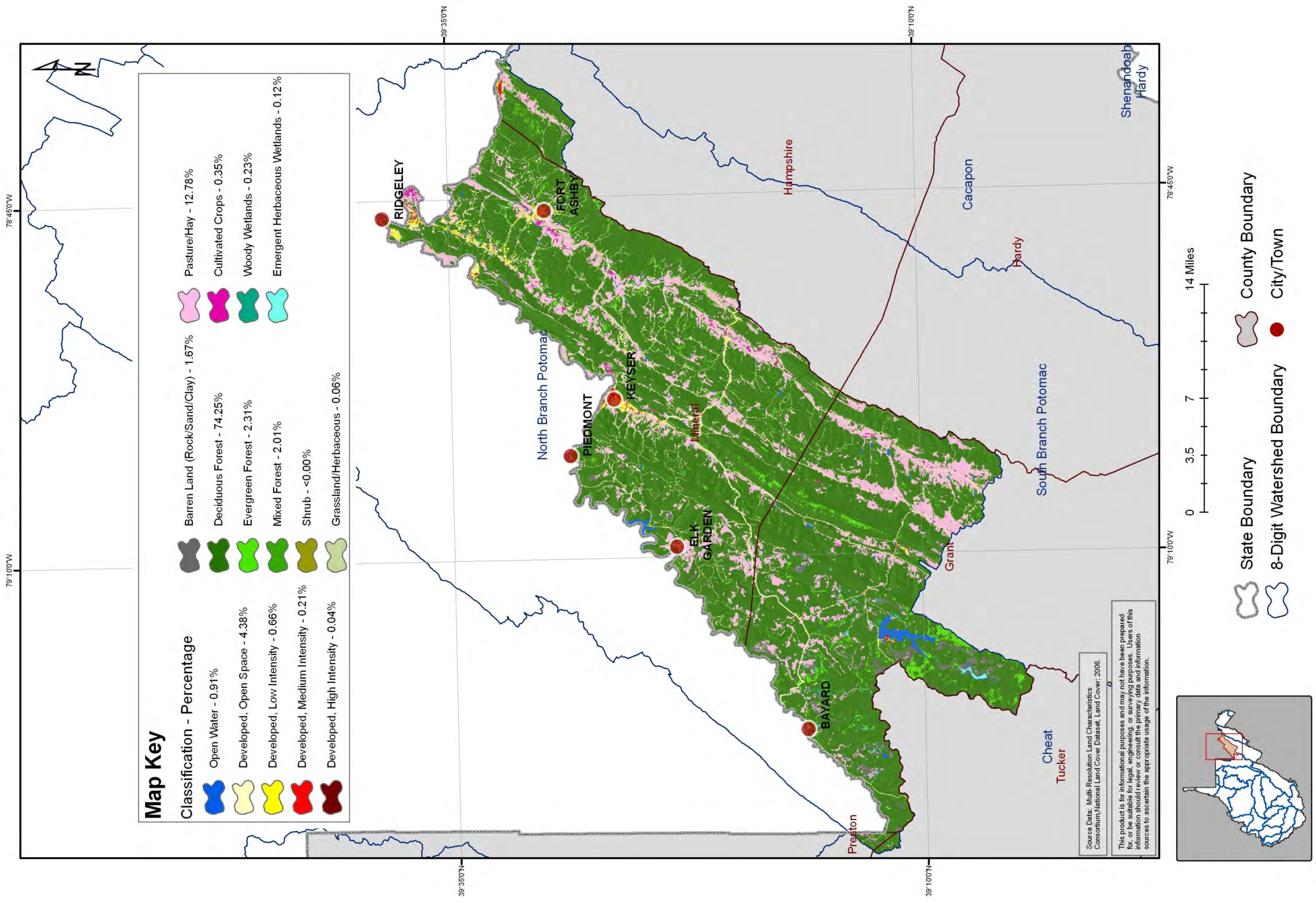
North Branch Potomac HUC-8 Watershed

2006 Impervious Surfaces



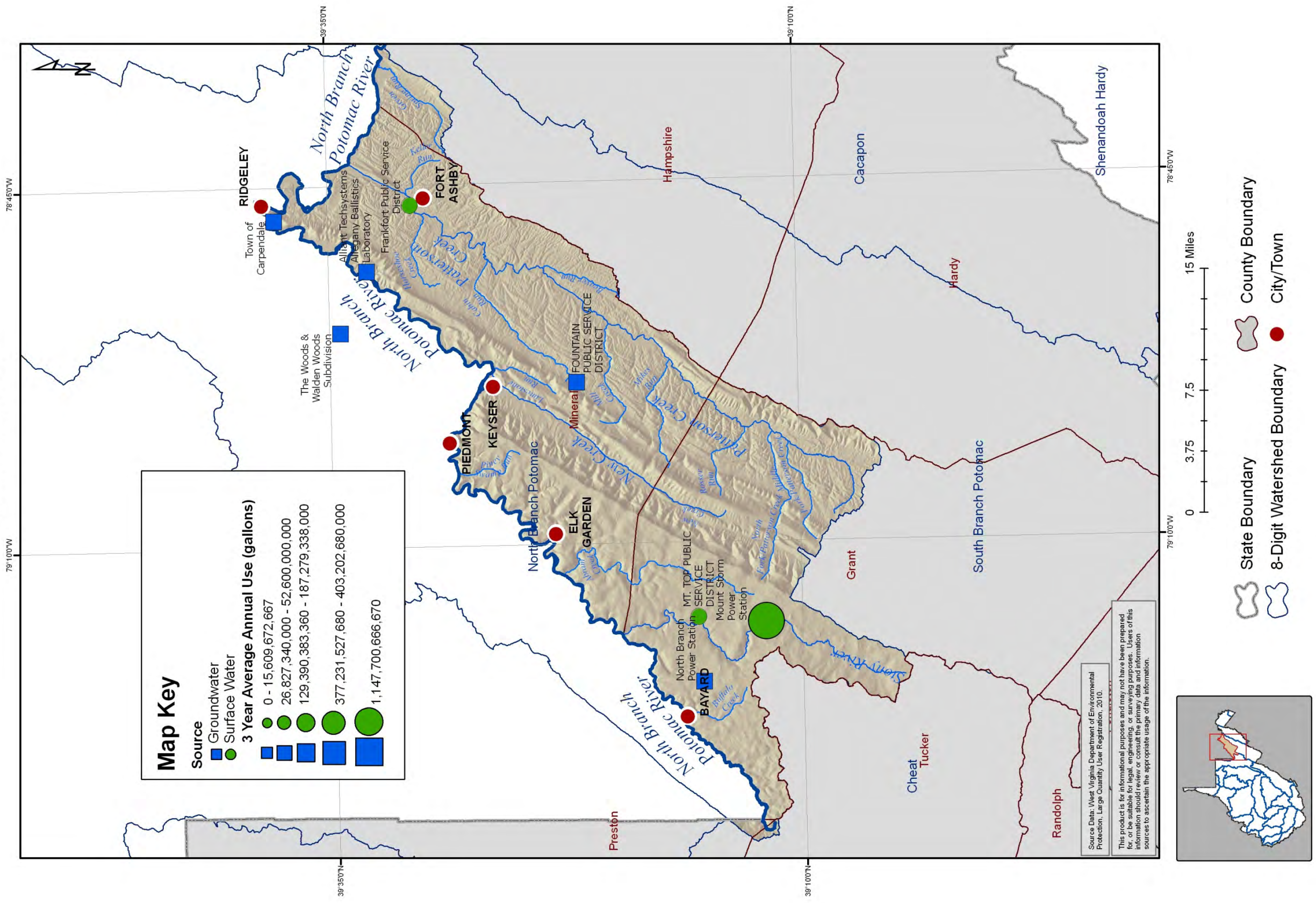
North Branch Potomac HUC-8 Watershed

2006 Land Cover



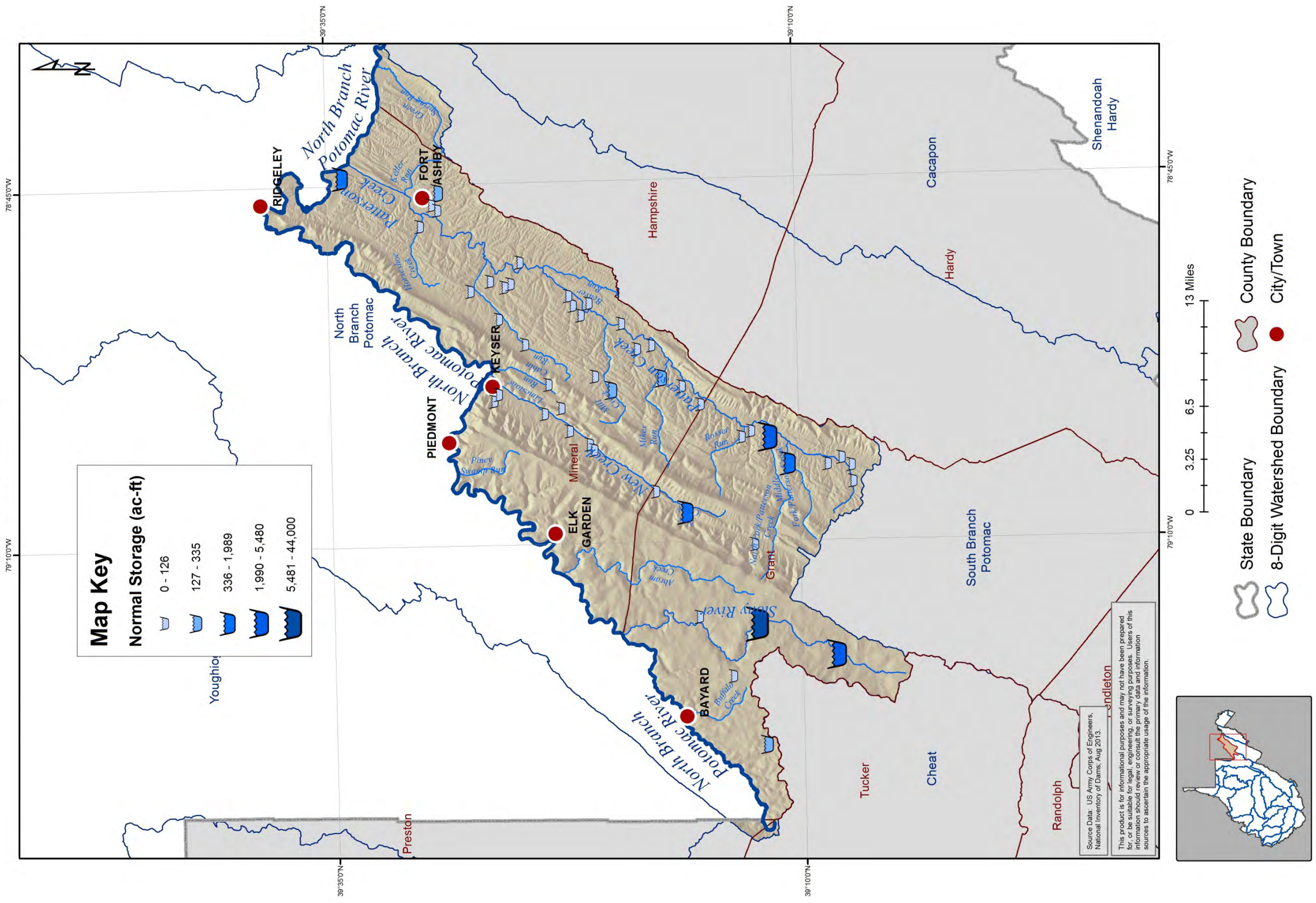
North Branch Potomac HUC-8 Watershed

Large Quantity Users



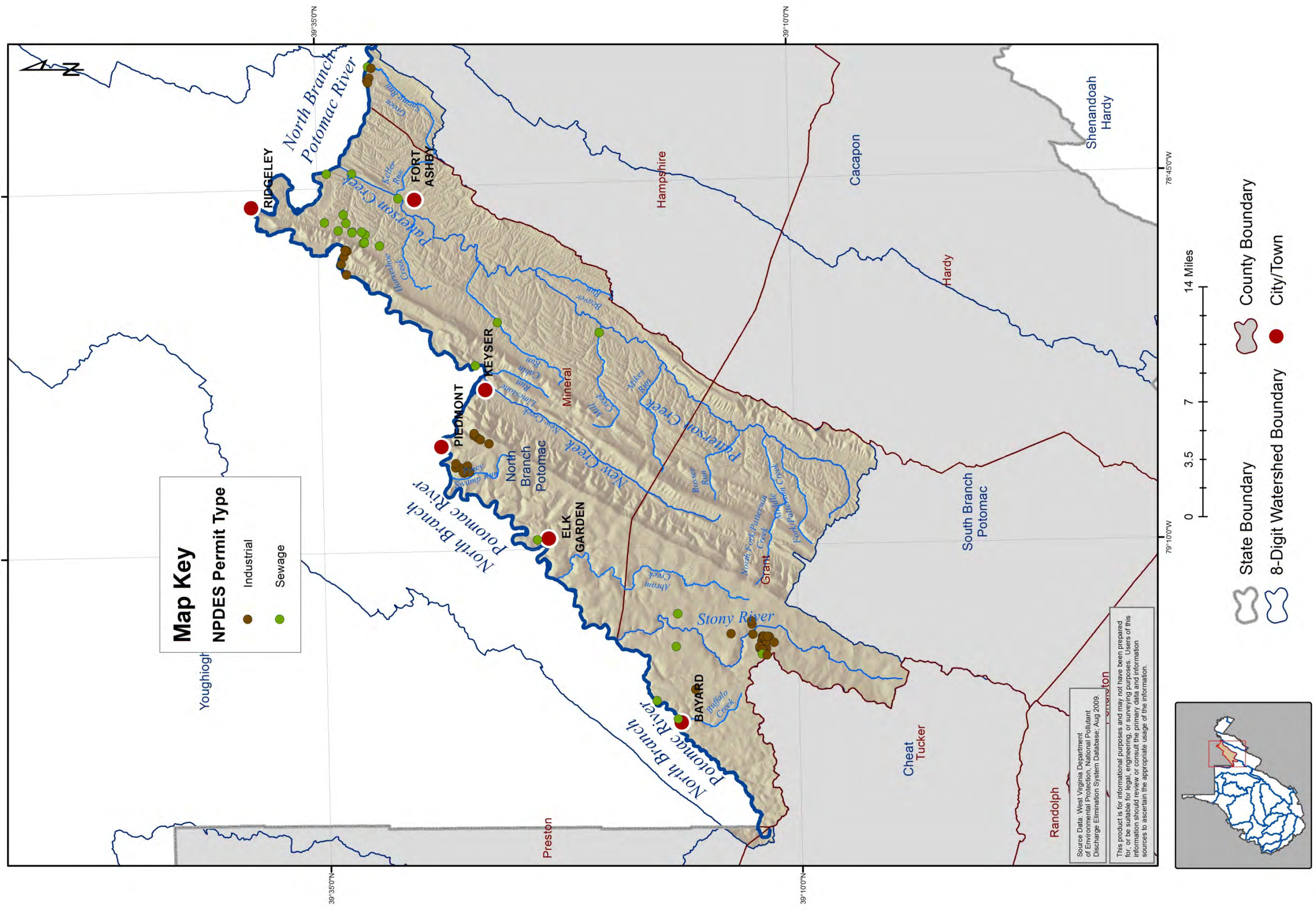
North Branch Potomac HUC-8 Watershed

Permitted Dams



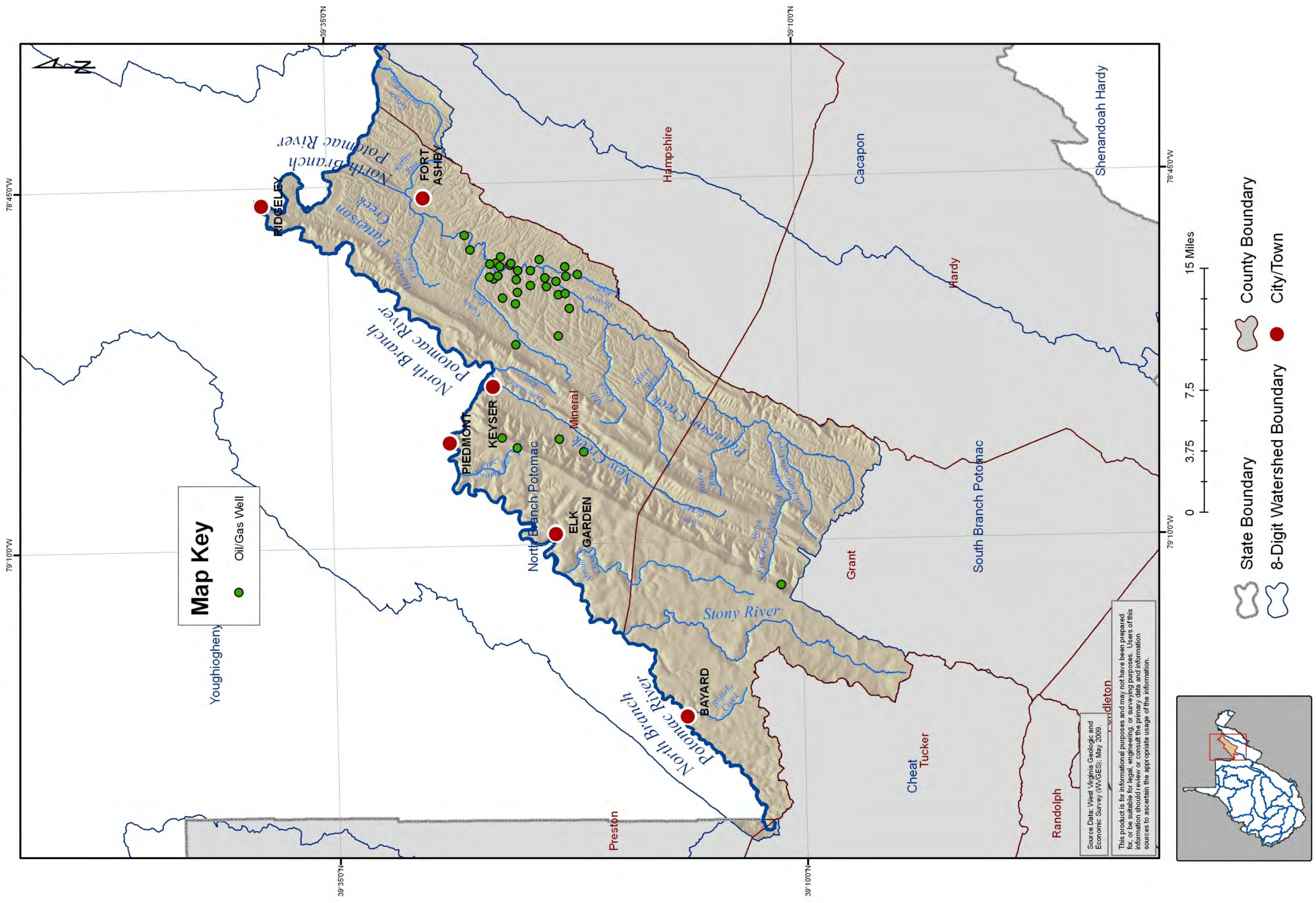
North Branch Potomac HUC-8 Watershed

Non-Mining NPDES Outlets



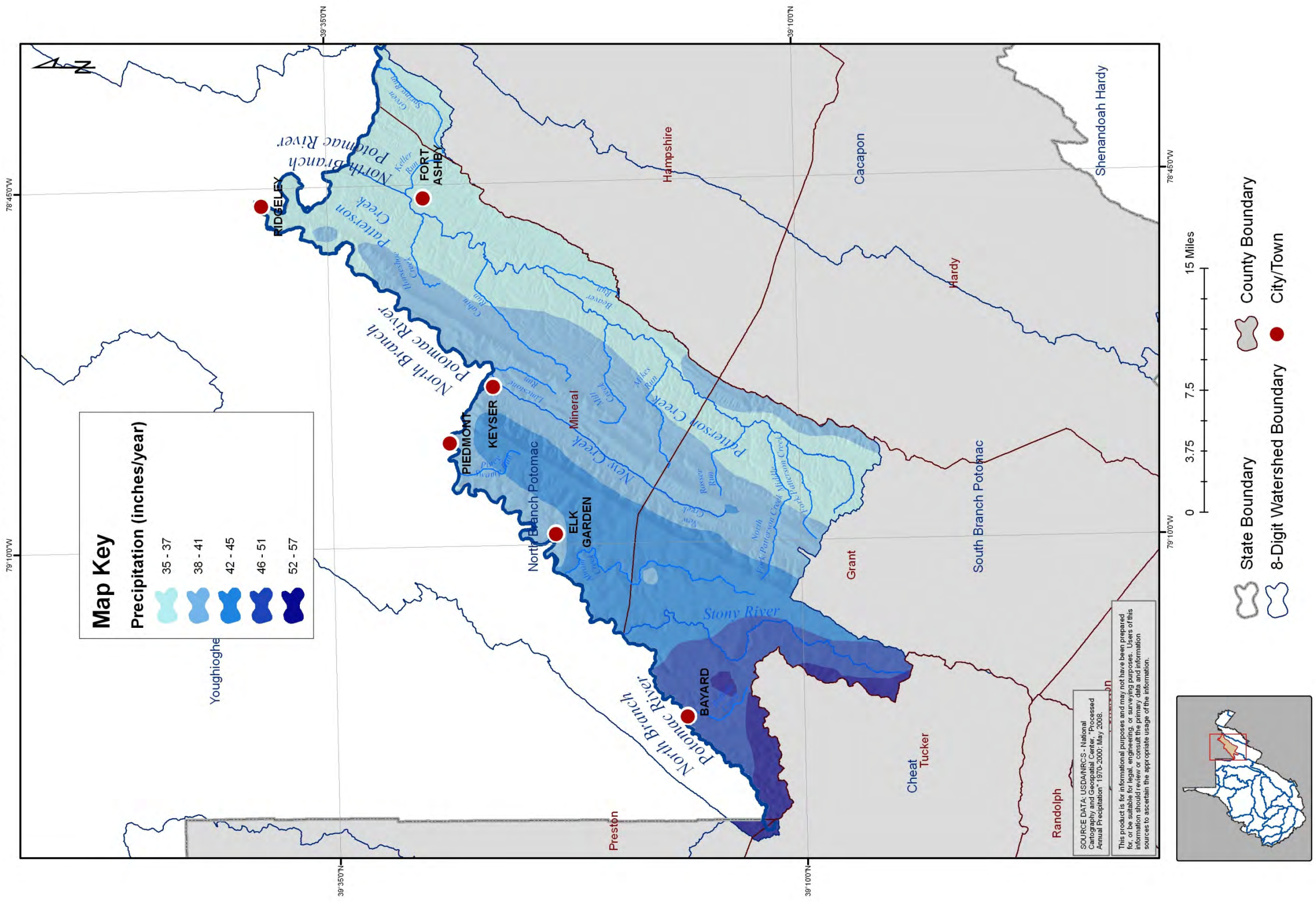
North Branch Potomac HUC-8 Watershed

Well Logs with Gamma Rays and Water Shows



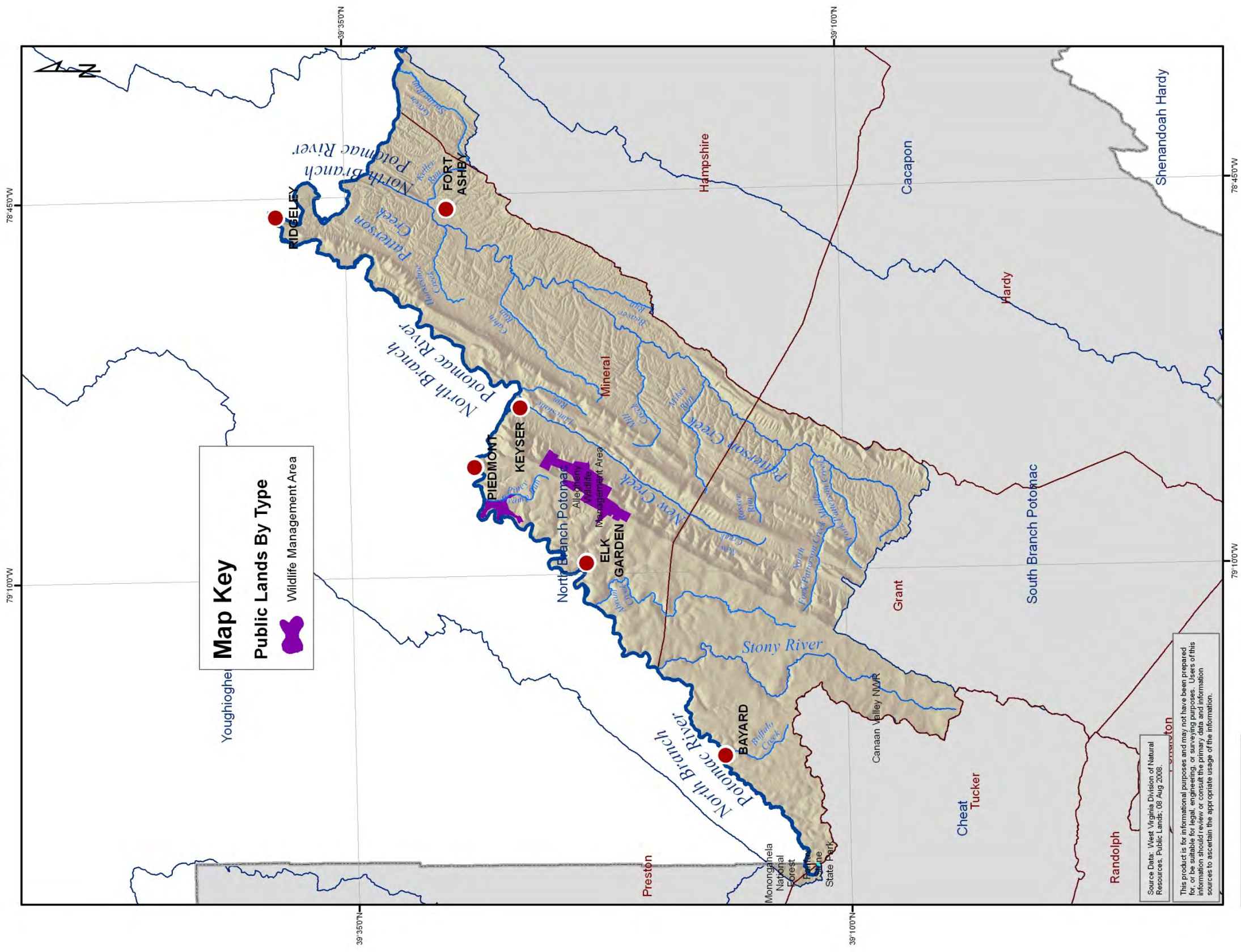
North Branch Potomac HUC-8 Watershed

Average Annual Precipitation (1971-2000)



North Branch Potomac HUC-8 Watershed

Public Lands



Map Key

Public Lands By Type

- Wildlife Management Area

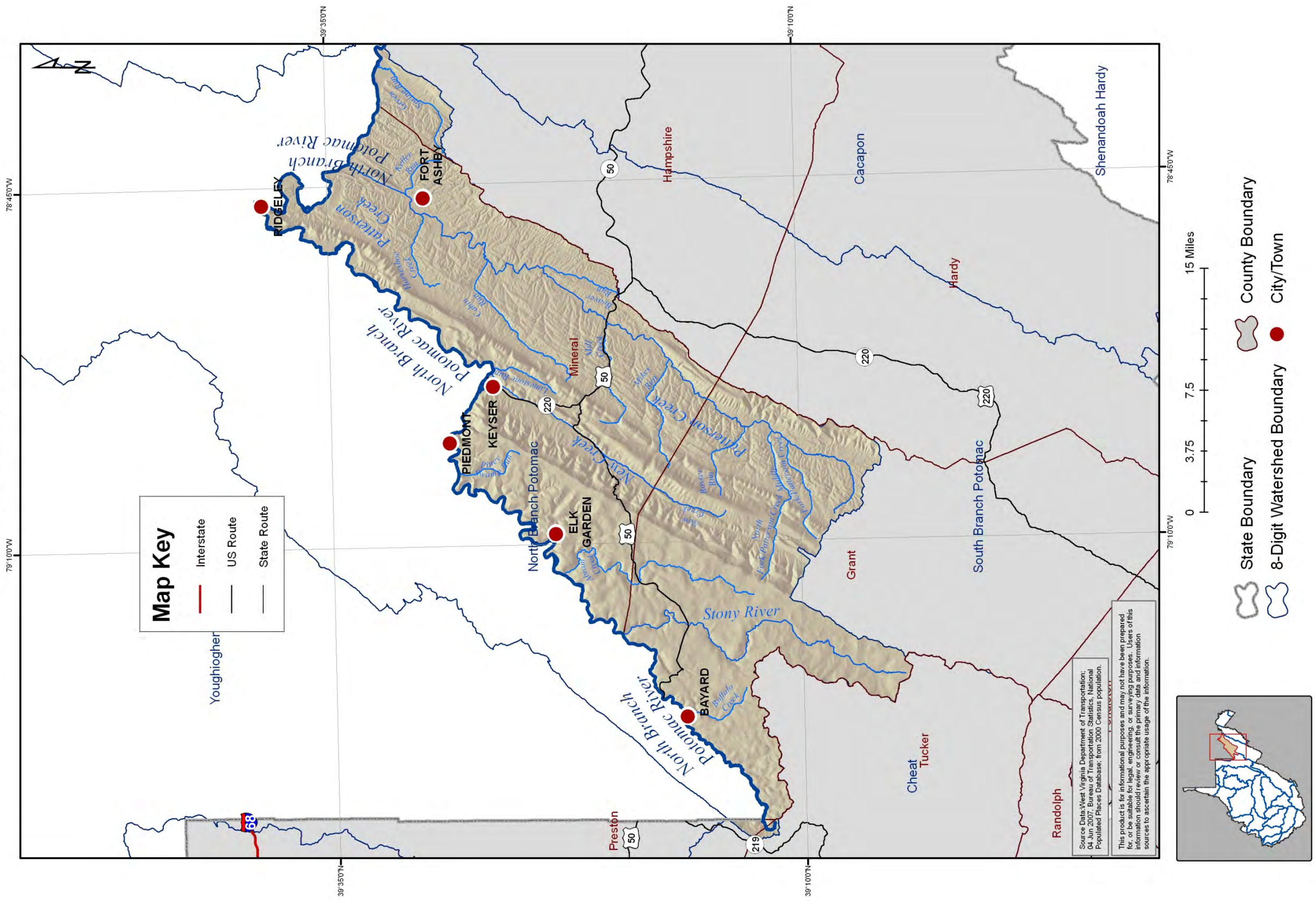
This product is for informational purposes and may not have been prepared for, or used in, legal, engineering, or surveying purposes. Users of this information should consult with appropriate data information sources to ascertain the appropriate usage of the information.

Source Data: West Virginia Division of Natural Resources, Public Lands; 08 Aug 2008.

- State Boundary
- 8-Digit Watershed Boundary
- County Boundary
- City/Town

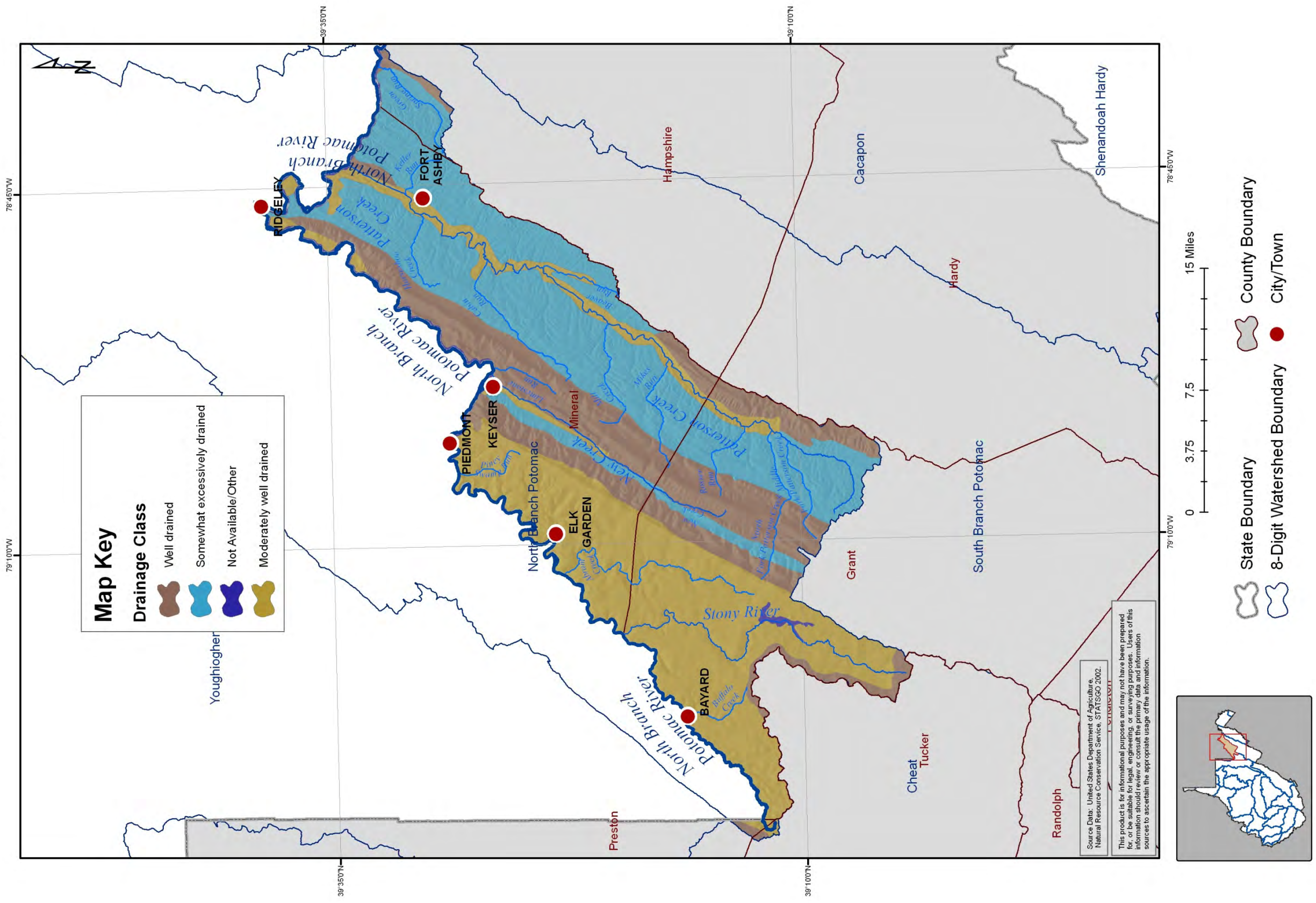
North Branch Potomac HUC-8 Watershed

Major Roads and Cities



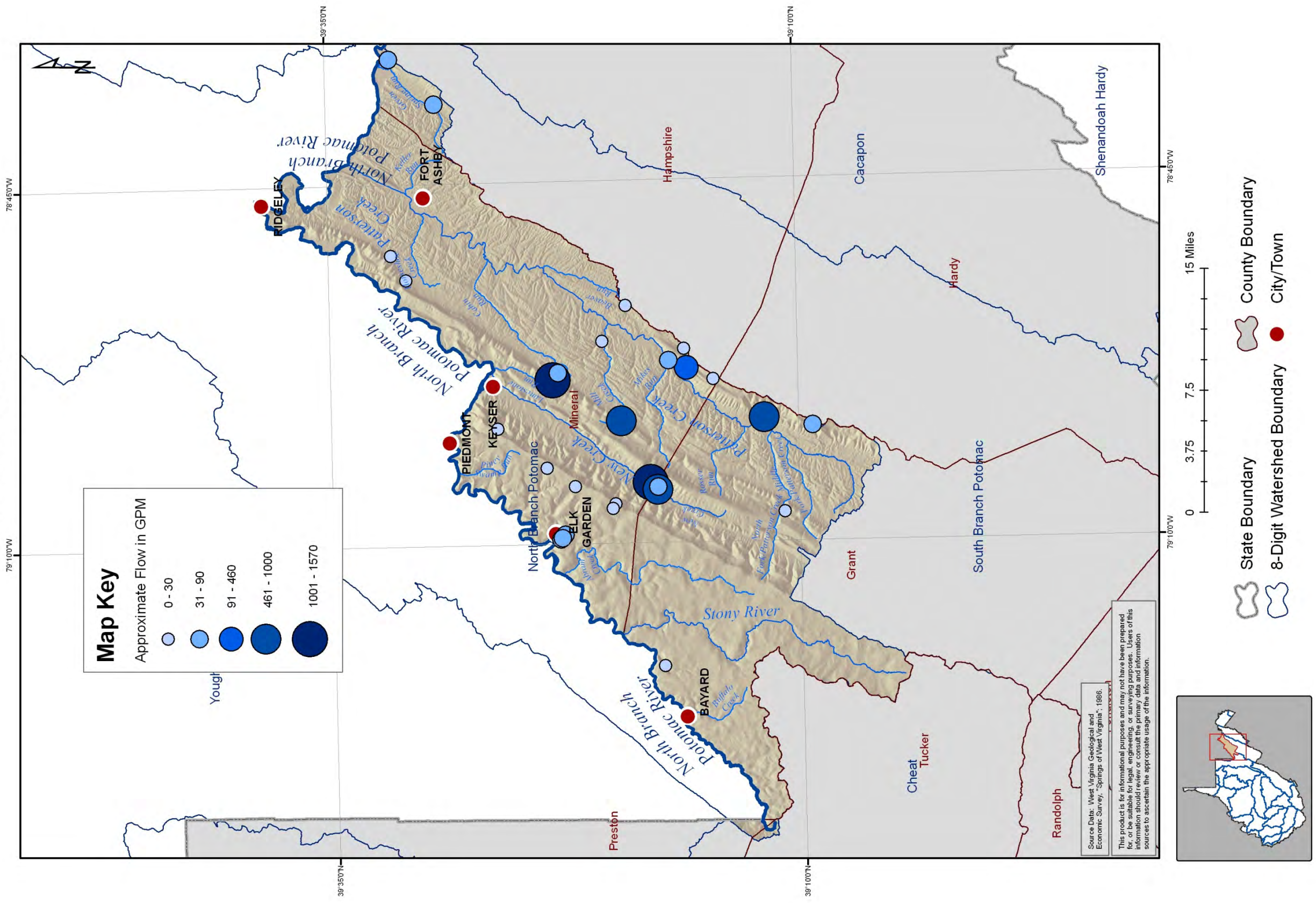
North Branch Potomac HUC-8 Watershed

Soil Drainage



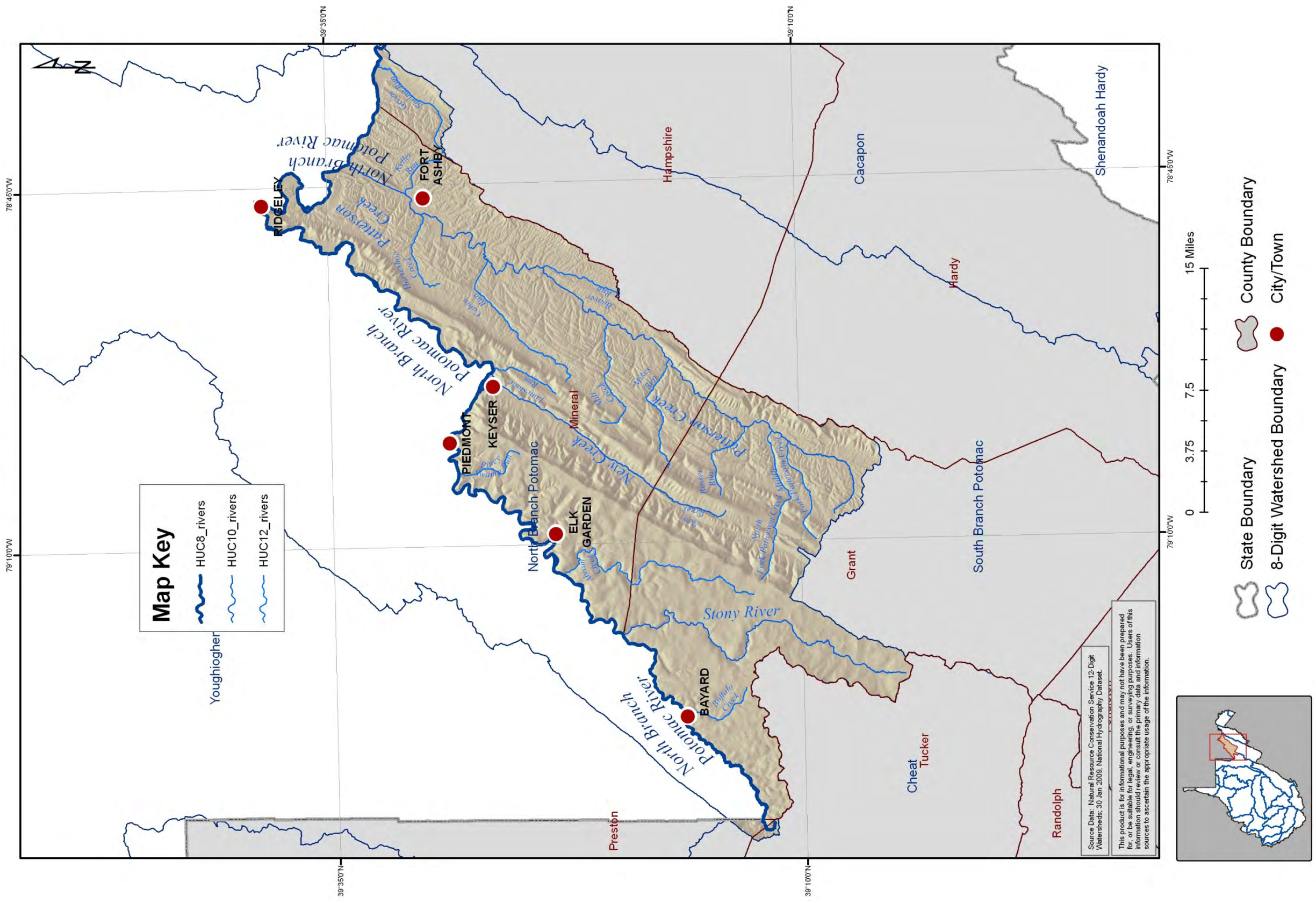
North Branch Potomac HUC-8 Watershed

Documented Springs



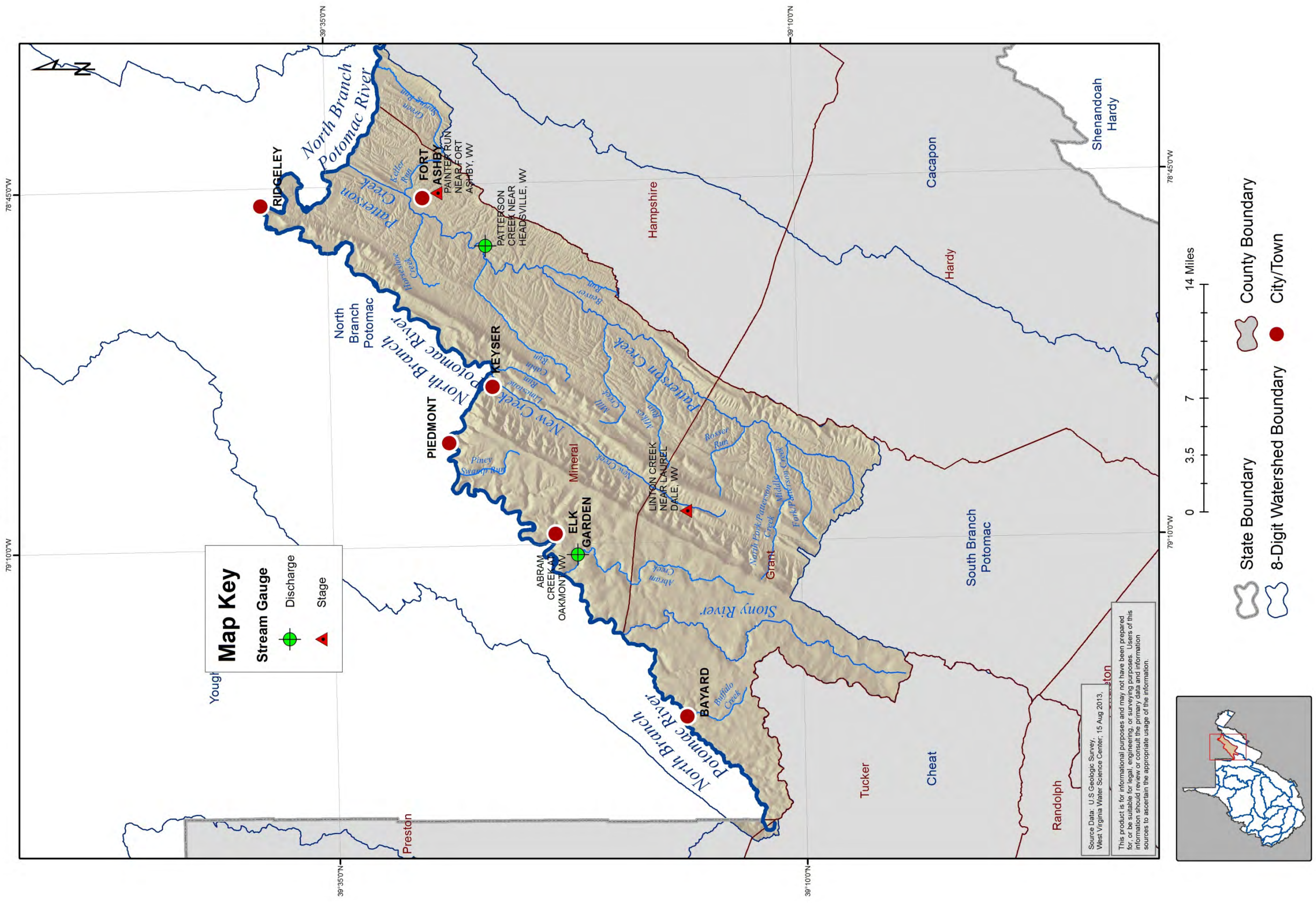
North Branch Potomac HUC-8 Watershed

Stream Connections



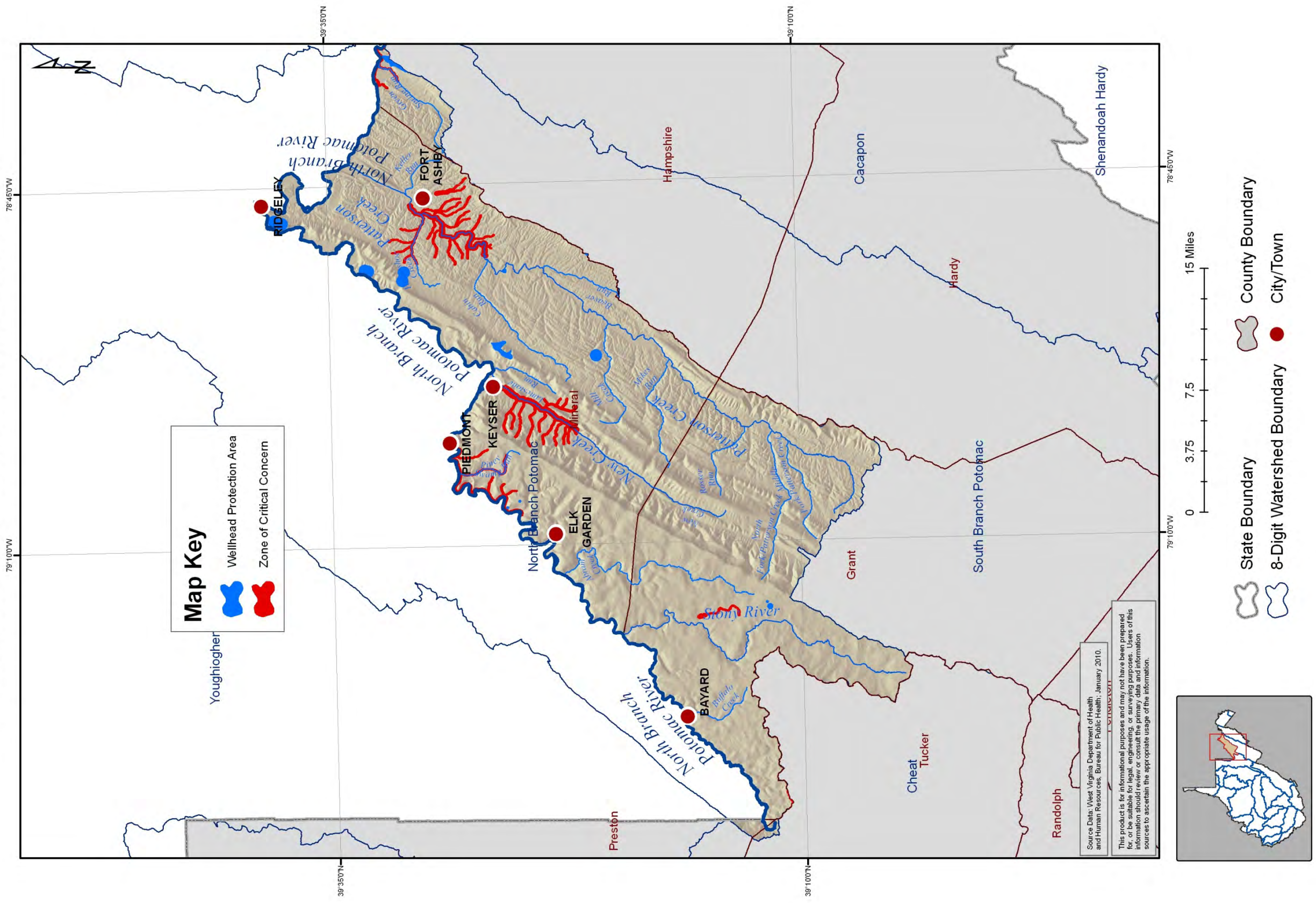
North Branch Potomac HUC-8 Watershed

Stream Gauges



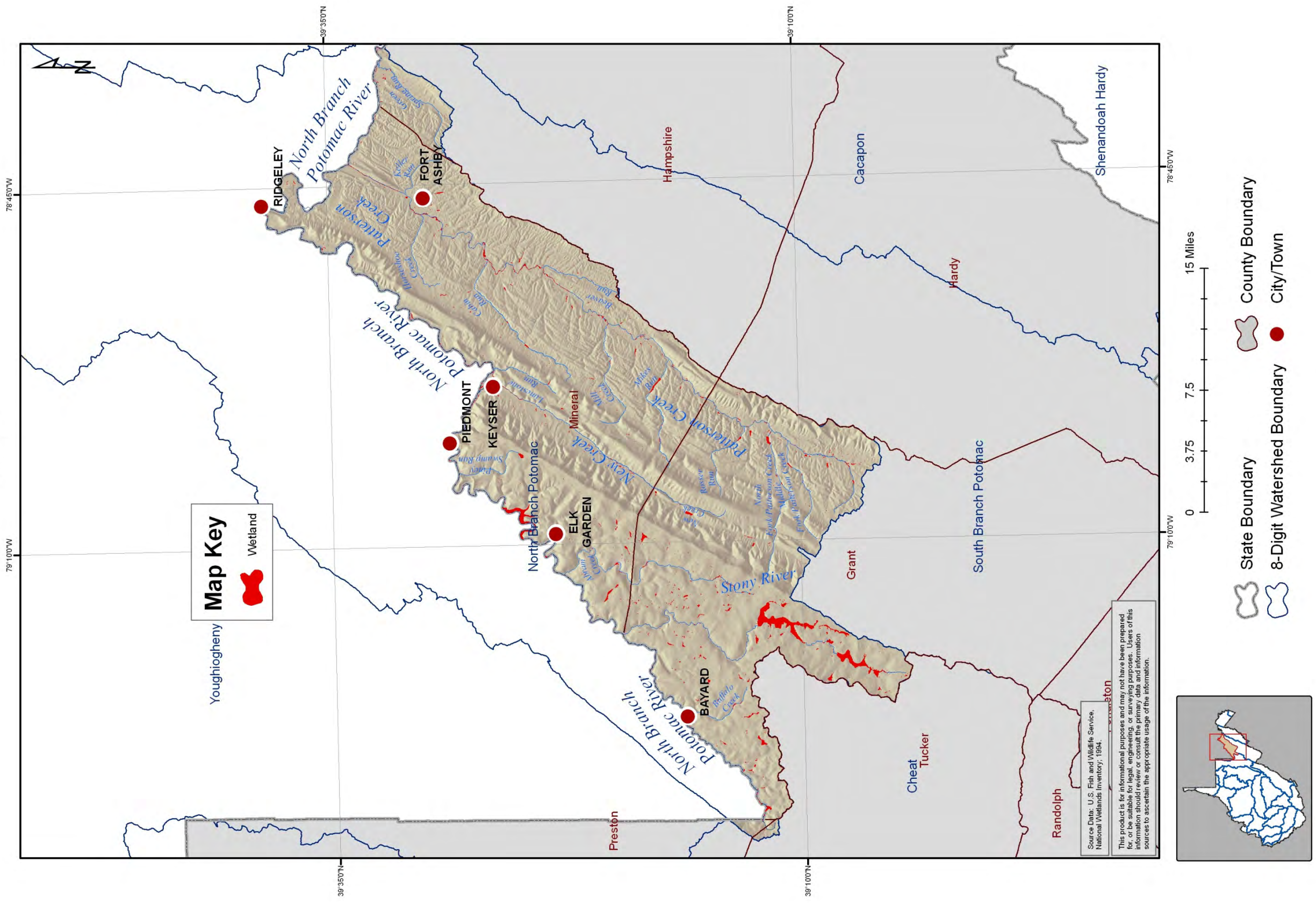
North Branch Potomac HUC-8 Watershed

Source Water Assessment and Wellhead Protection Programs



North Branch Potomac HUC-8 Watershed

Wetlands



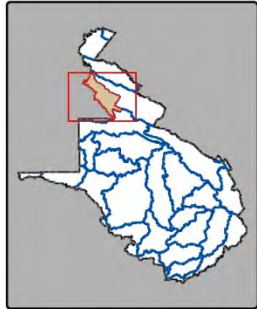
Map Key

- Wetland

- State Boundary
- 8-Digit Watershed Boundary
- County Boundary
- City/Town

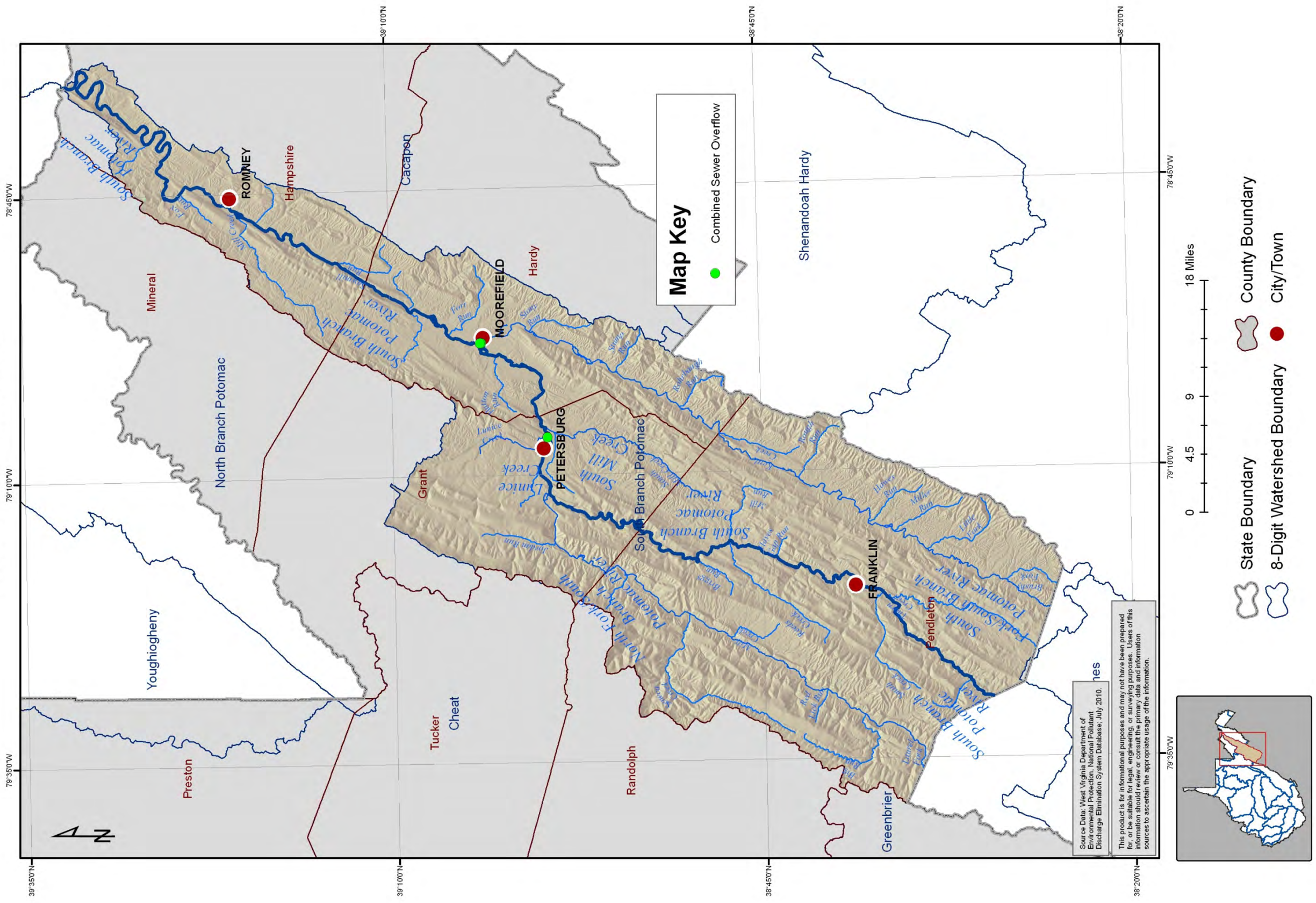
Source Data: U.S. Fish and Wildlife Service, National Wetlands Inventory, 1994.

This product is for informational purposes and may not have been prepared for, or used in, legal, engineering, or advertising purposes. Users of this information should consult other appropriate data and information sources to ascertain the appropriate usage of the information.



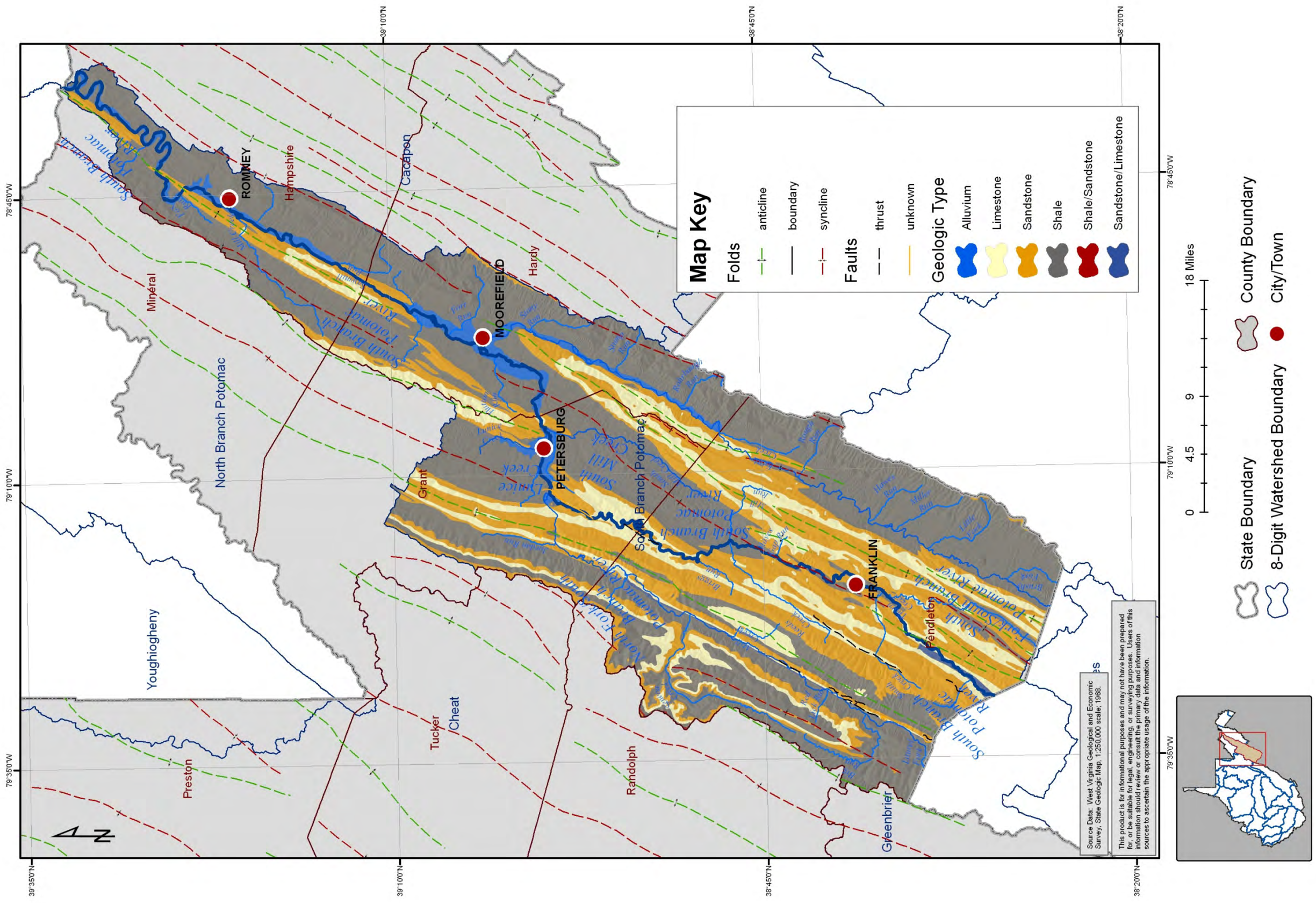
South Branch Potomac HUC-8 Watershed

Combined Sewer Overflows



South Branch Potomac HUC-8 Watershed

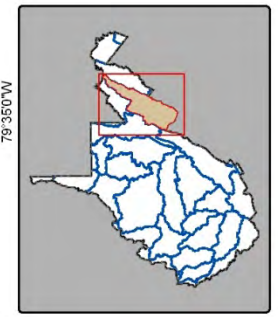
Surface Geology



Map Key

Folds	— — anticline	— — boundary	— — syncline
Faults	— — thrust	— — unknown	
Geologic Type	Alluvium	Limestone	Sandstone
	Shale	Shale/Sandstone	Sandstone/Limestone

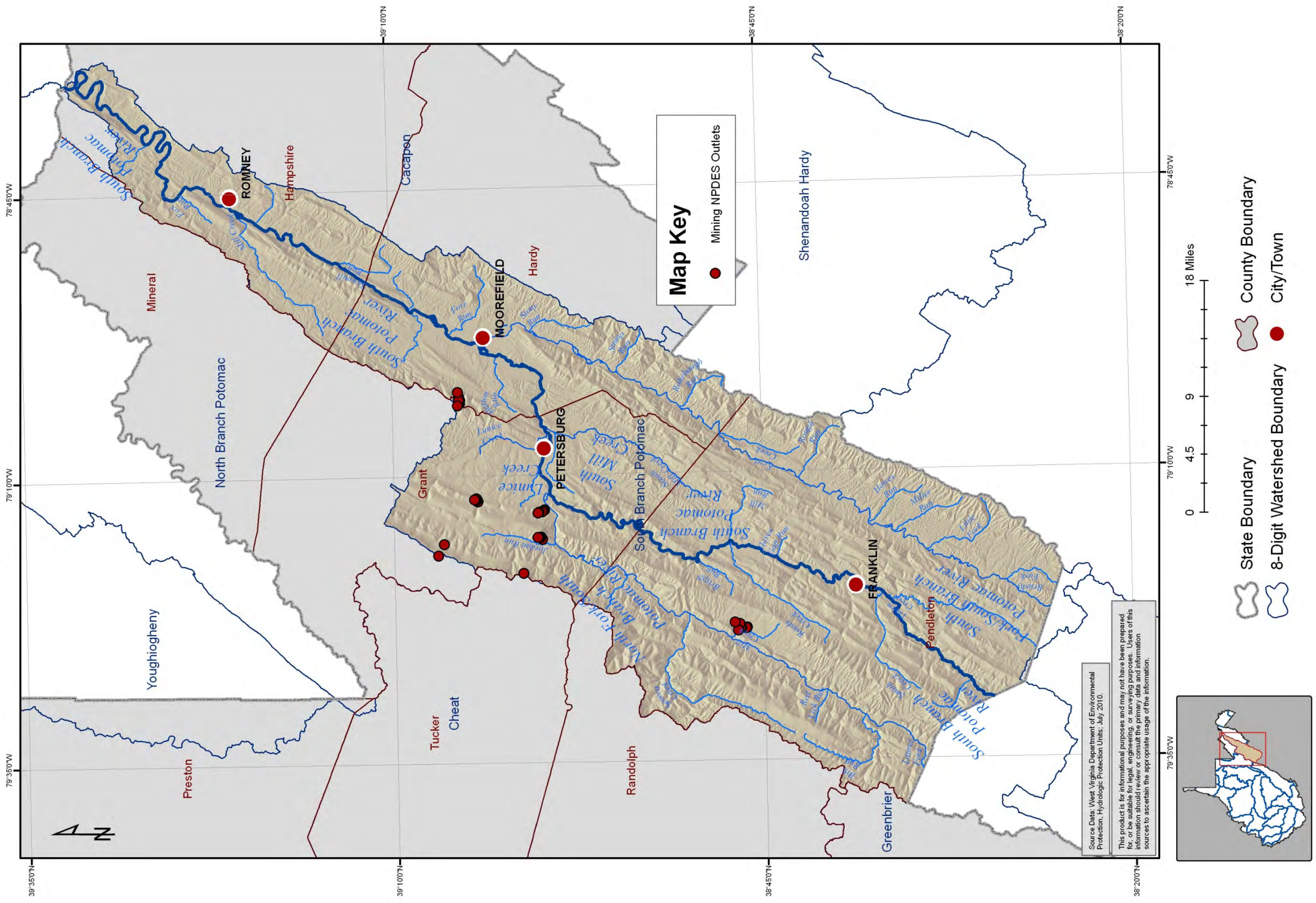
This product is for informational purposes and may not have been prepared for, or used in, any legal, engineering, or surveying purposes. Users of this product should consult appropriate data sources to ascertain the appropriate usage of the information.



- State Boundary
- 8-Digit Watershed Boundary
- County Boundary
- City/Town

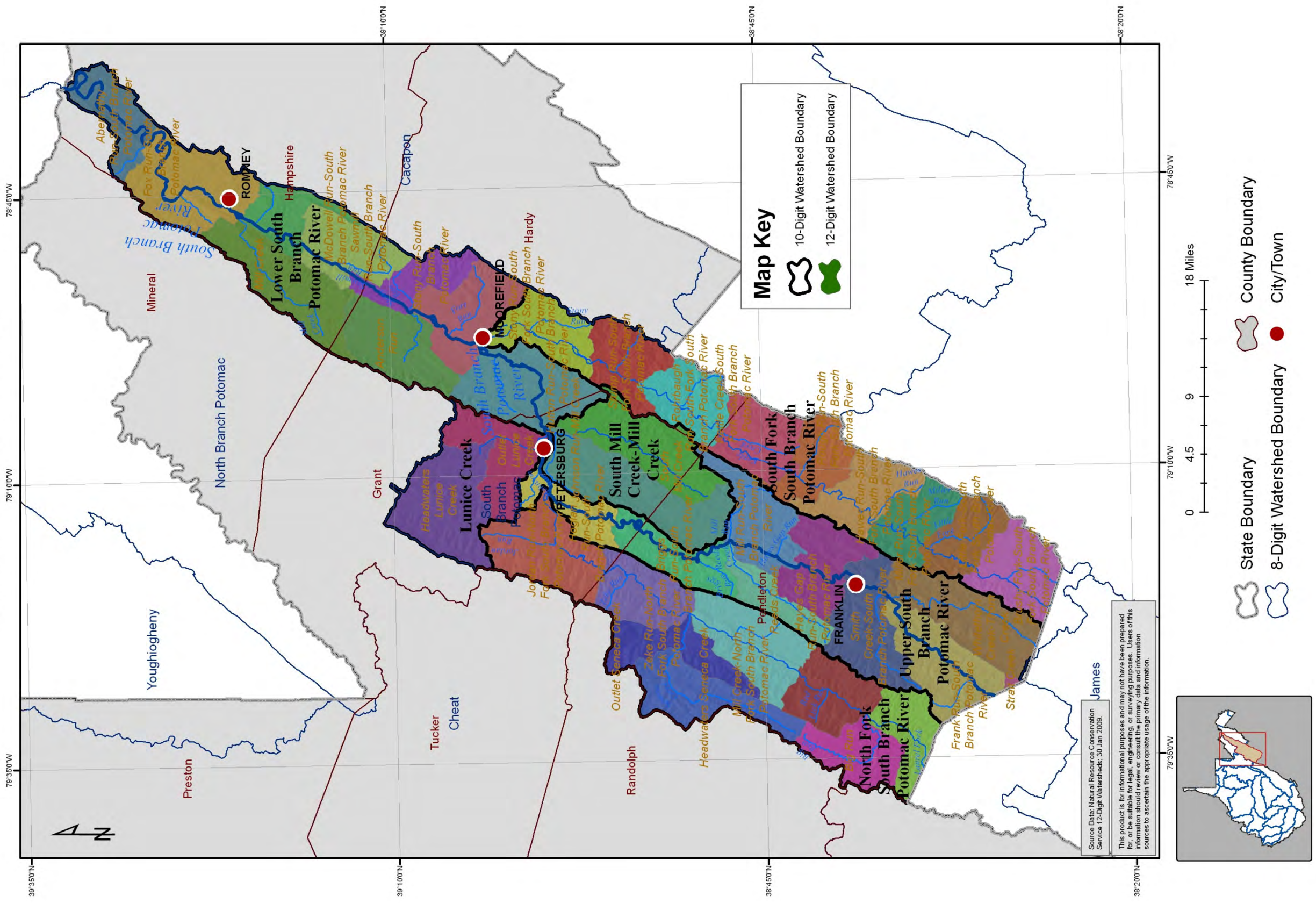
South Branch Potomac HUC-8 Watershed

Mining Related NPDES Outlets



South Branch Potomac HUC-8 Watershed

HUC 10 and HUC 12 Watersheds



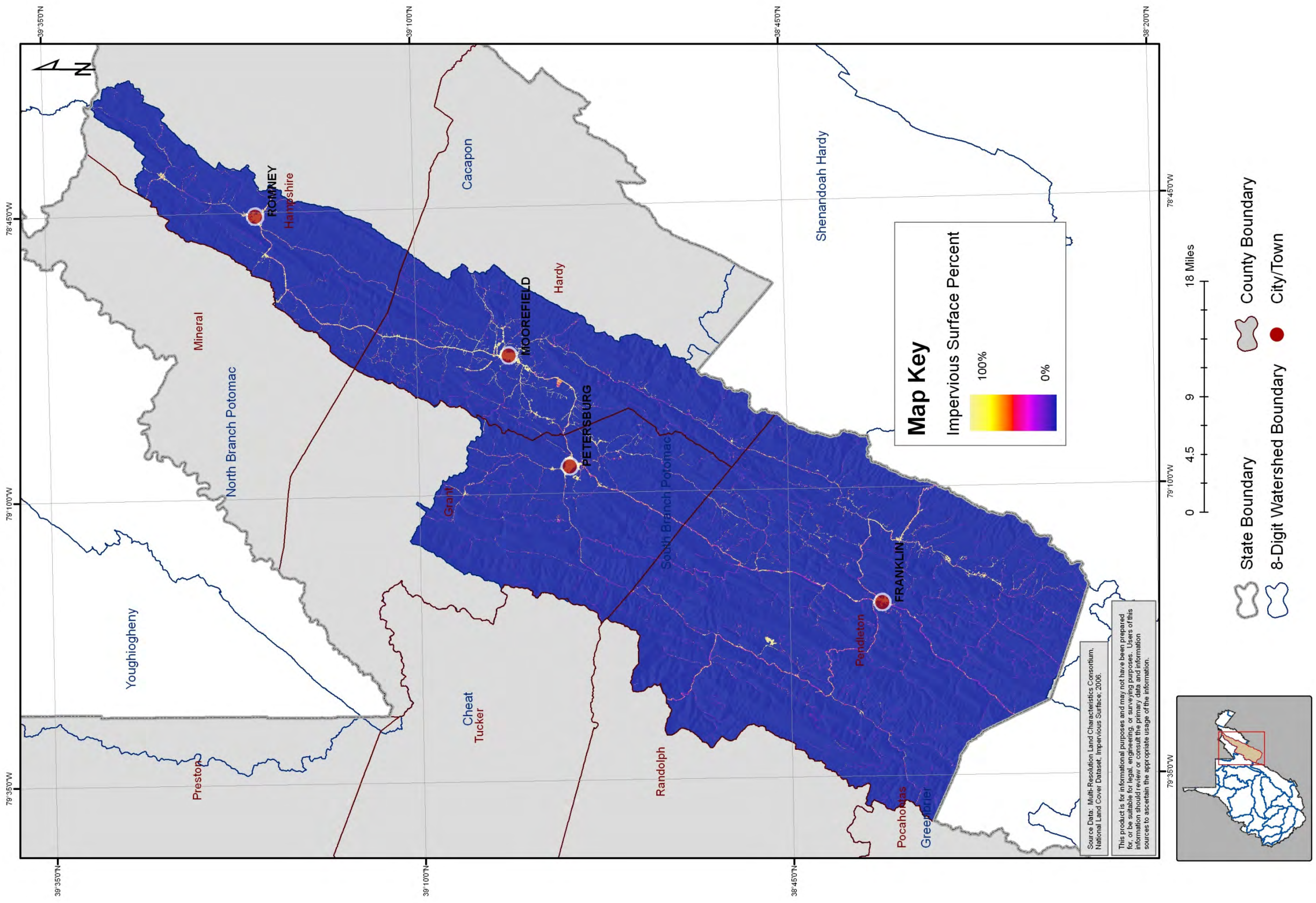
Source Data: Natural Resource Conservation Service 12-Digit Watersheds; 30 Jan 2009.

This product is for informational purposes and may not have been prepared for, or used in, any legal, engineering, or advertising purposes. Users of this information should consult appropriate data sources to ascertain the appropriate usage of the information.

James

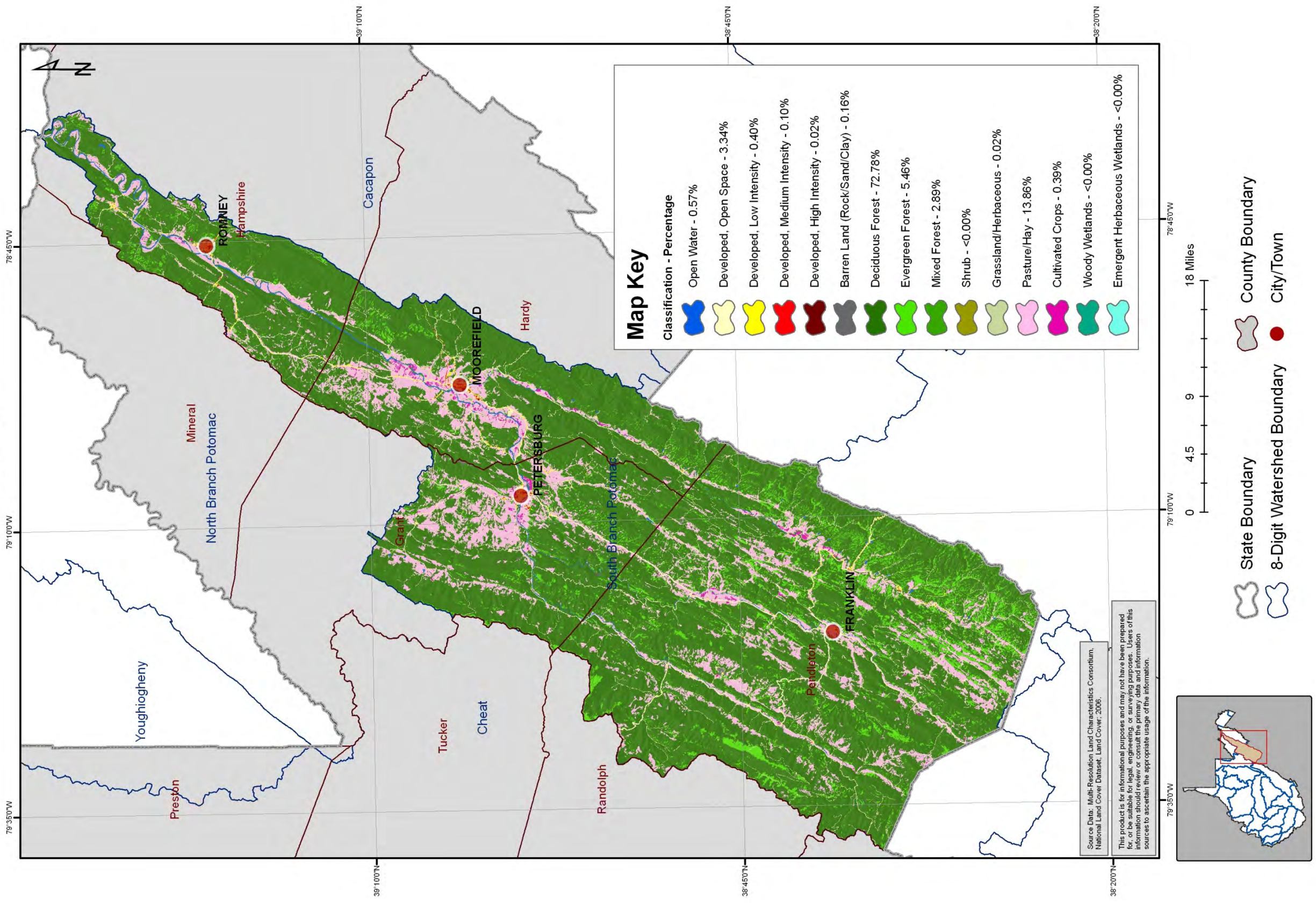
South Branch Potomac HUC-8 Watershed

2006 Impervious Surfaces



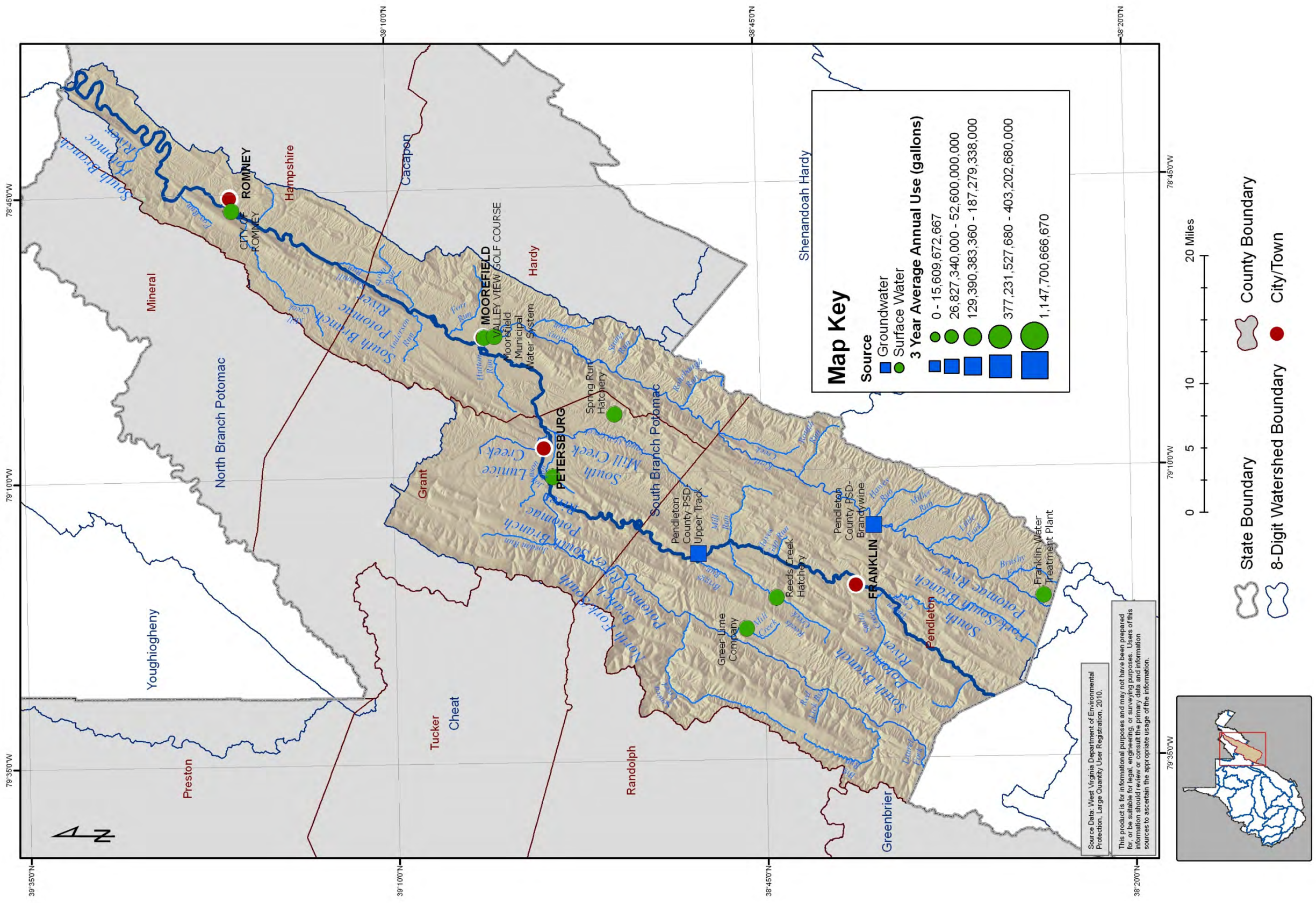
South Branch Potomac HUC-8 Watershed

2006 Land Cover



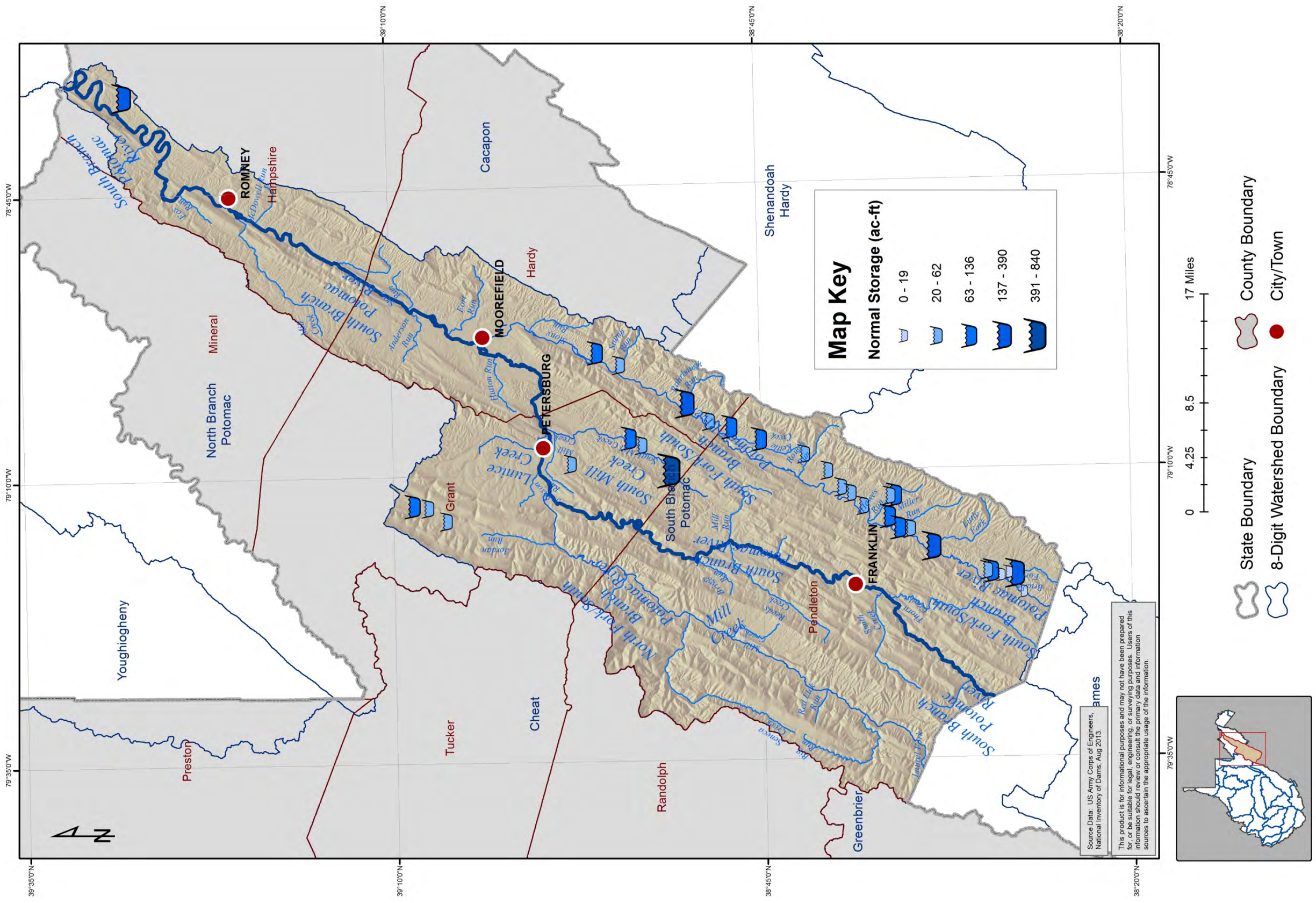
South Branch Potomac HUC-8 Watershed

Large Quantity Users



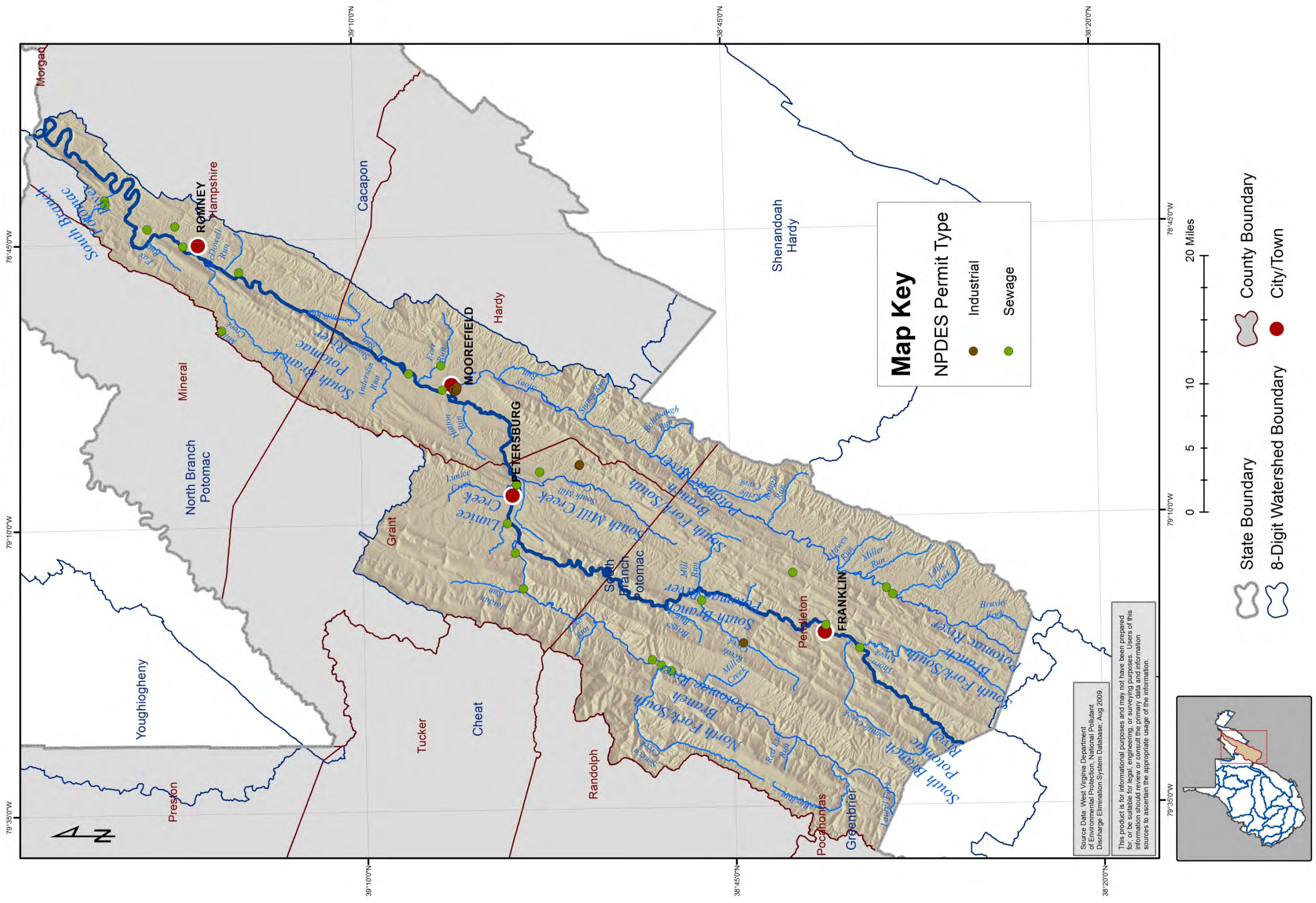
South Branch Potomac HUC-8 Watershed

Permitted Dams



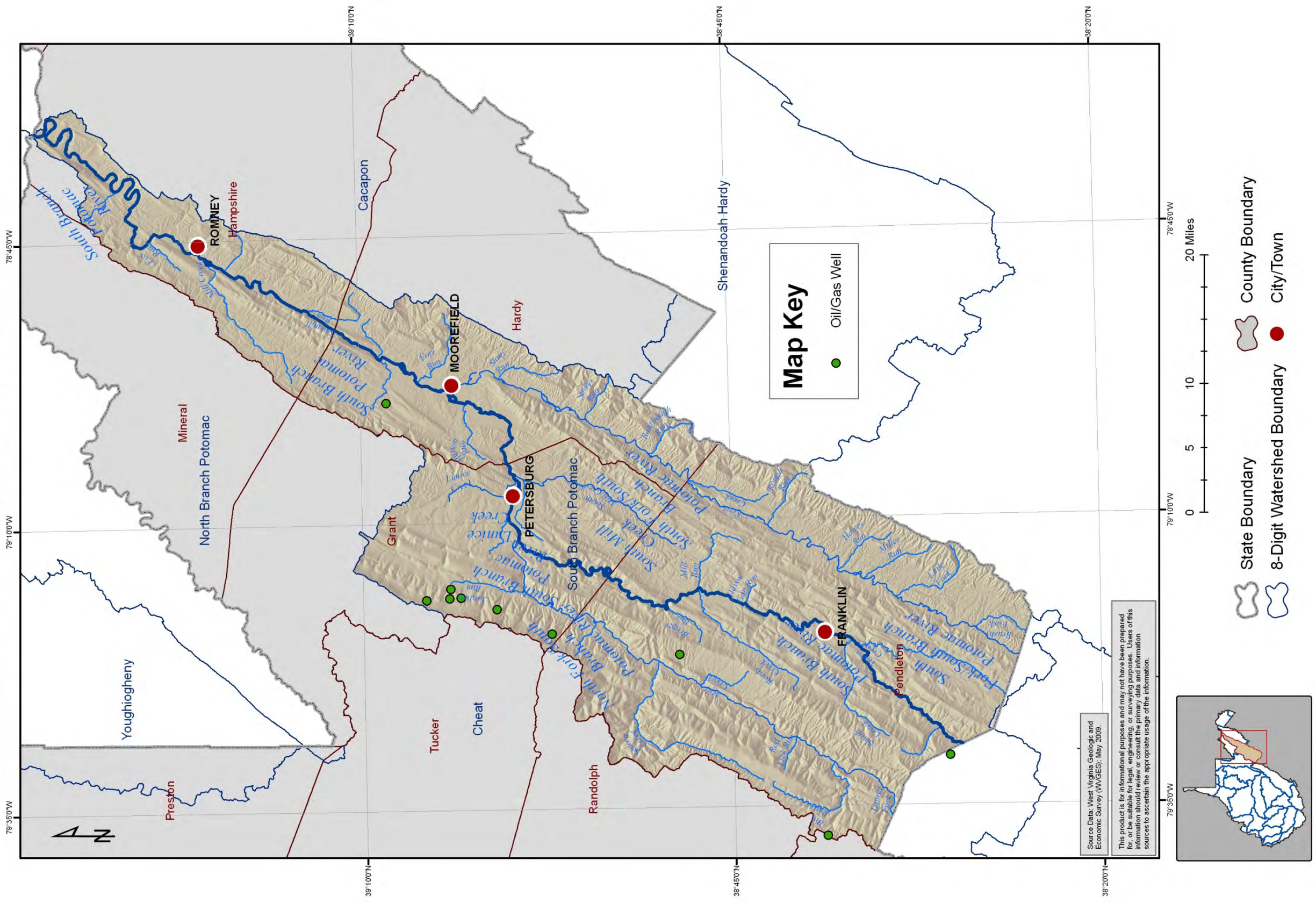
South Branch Potomac HUC-8 Watershed

Non-Mining NPDES Outlets



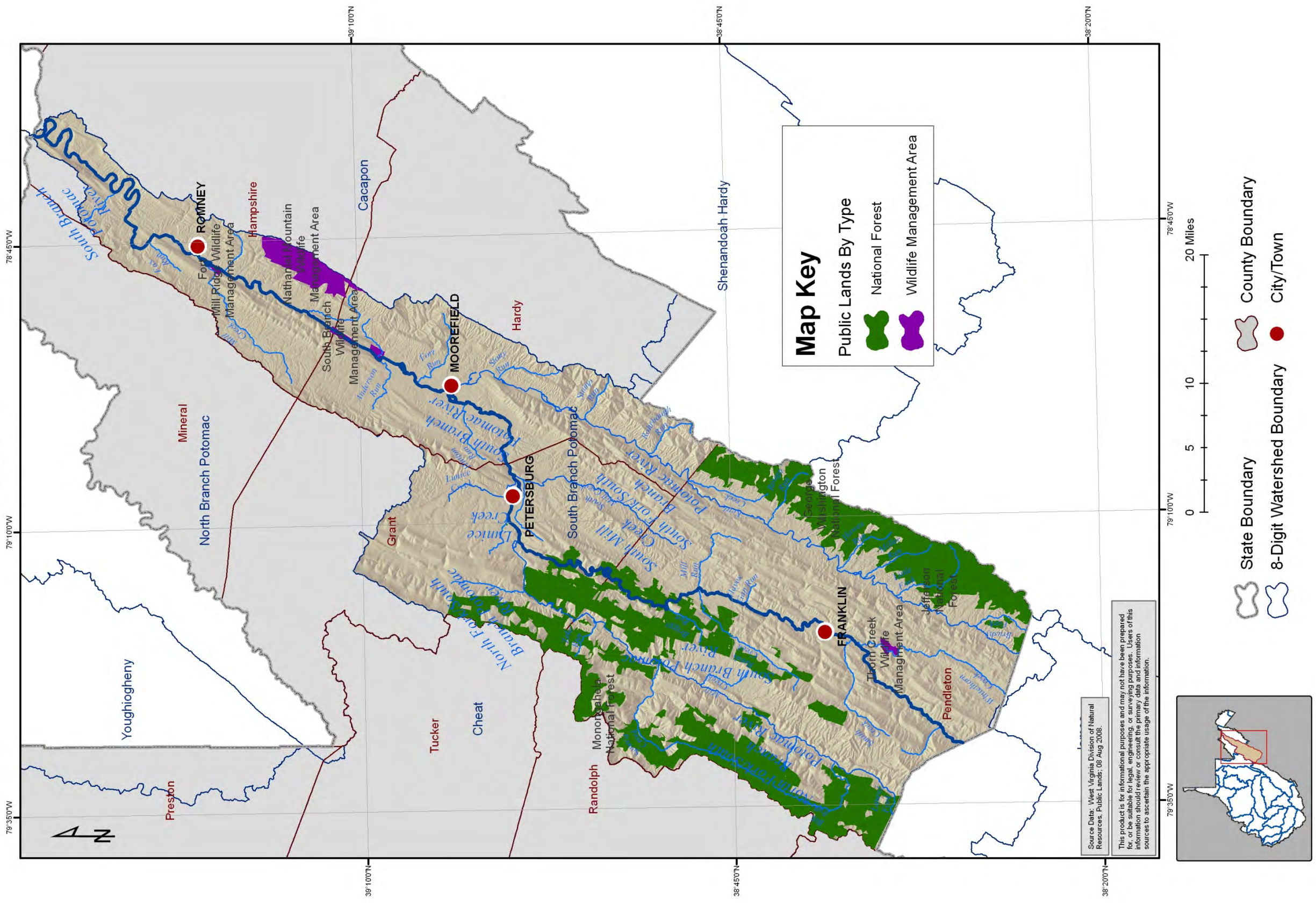
South Branch Potomac HUC-8 Watershed

Well Logs with Gamma Rays and Water Shows



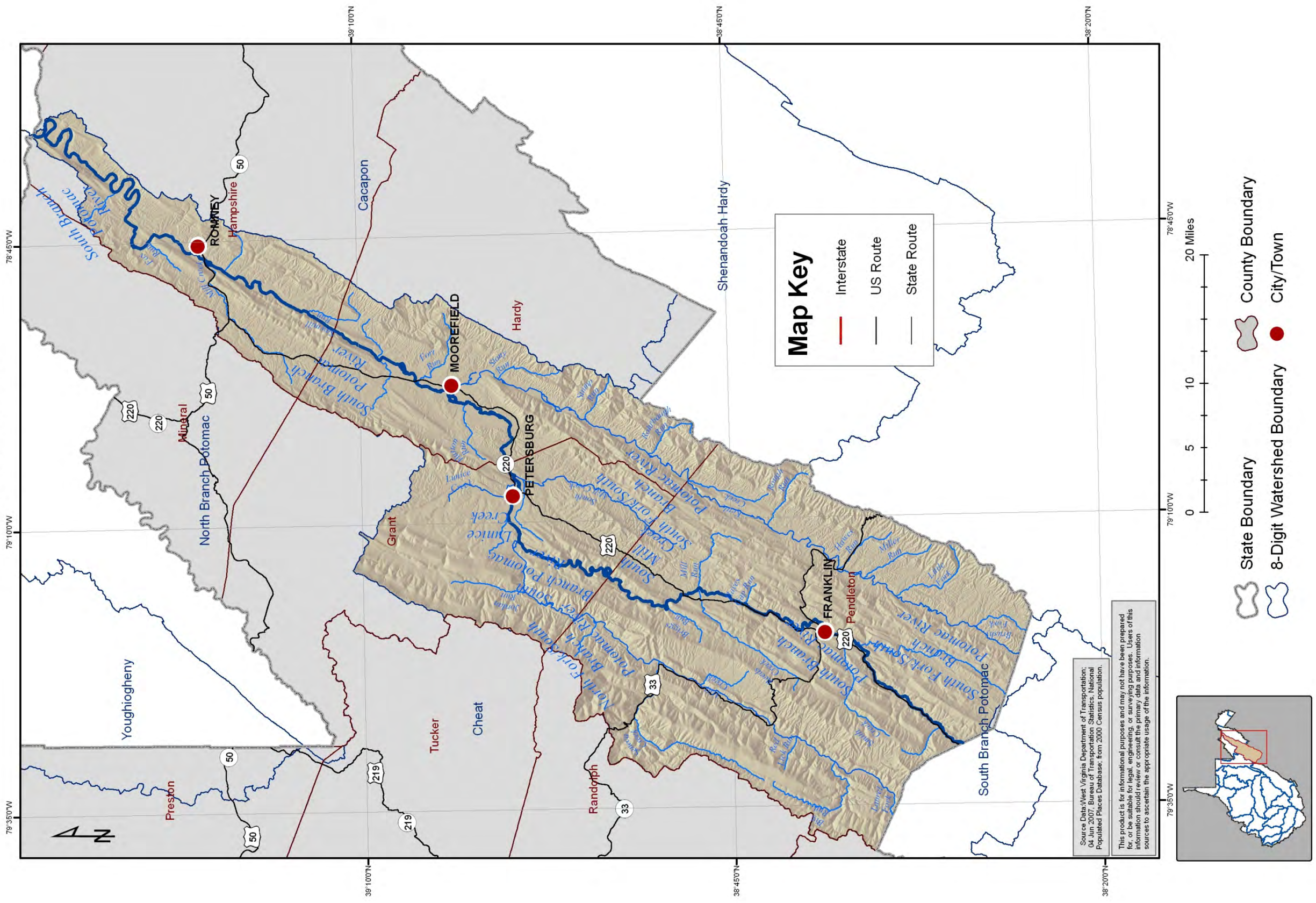
South Branch Potomac HUC-8 Watershed

Public Lands



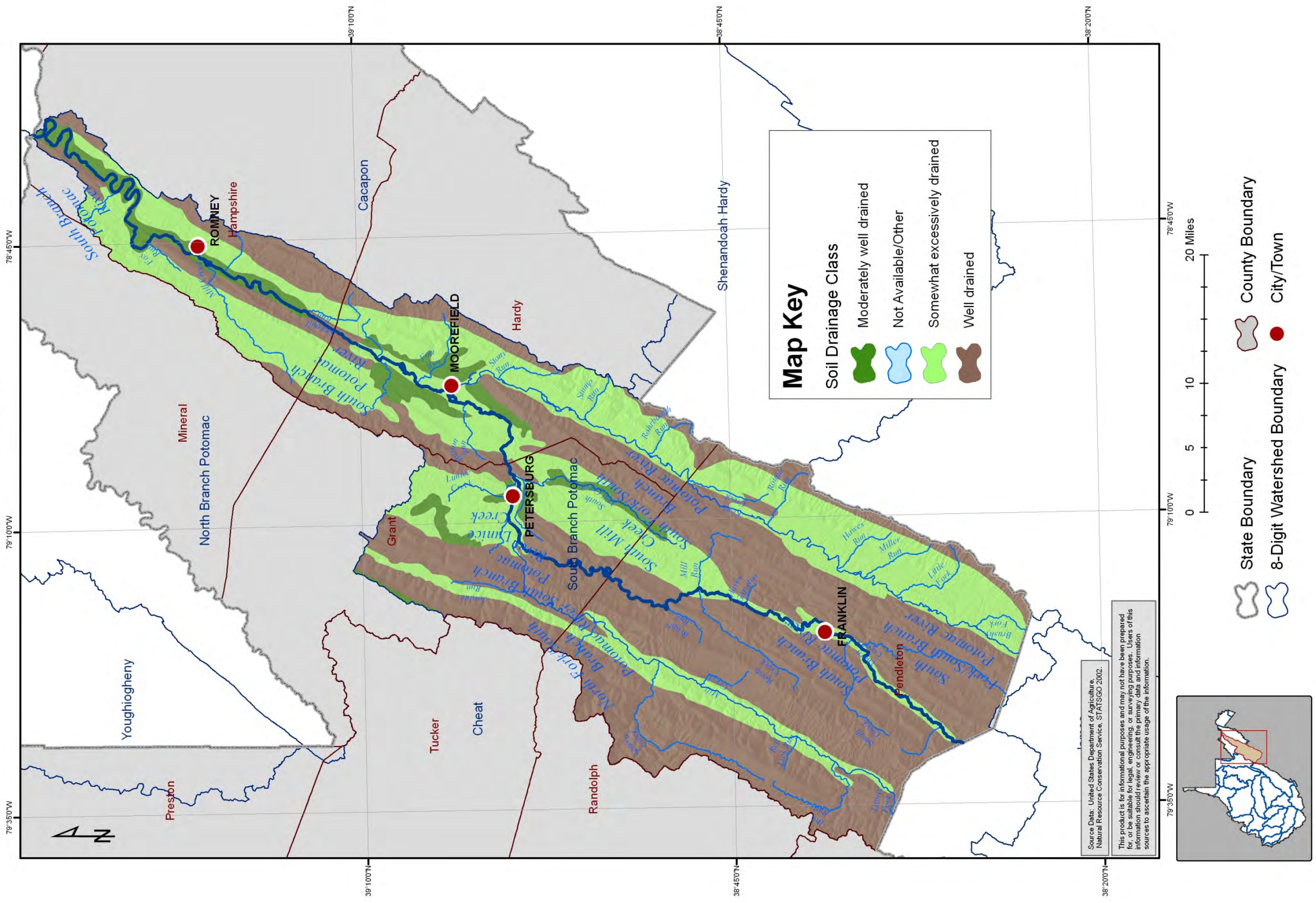
South Branch Potomac HUC-8 Watershed

Major Roads and Cities



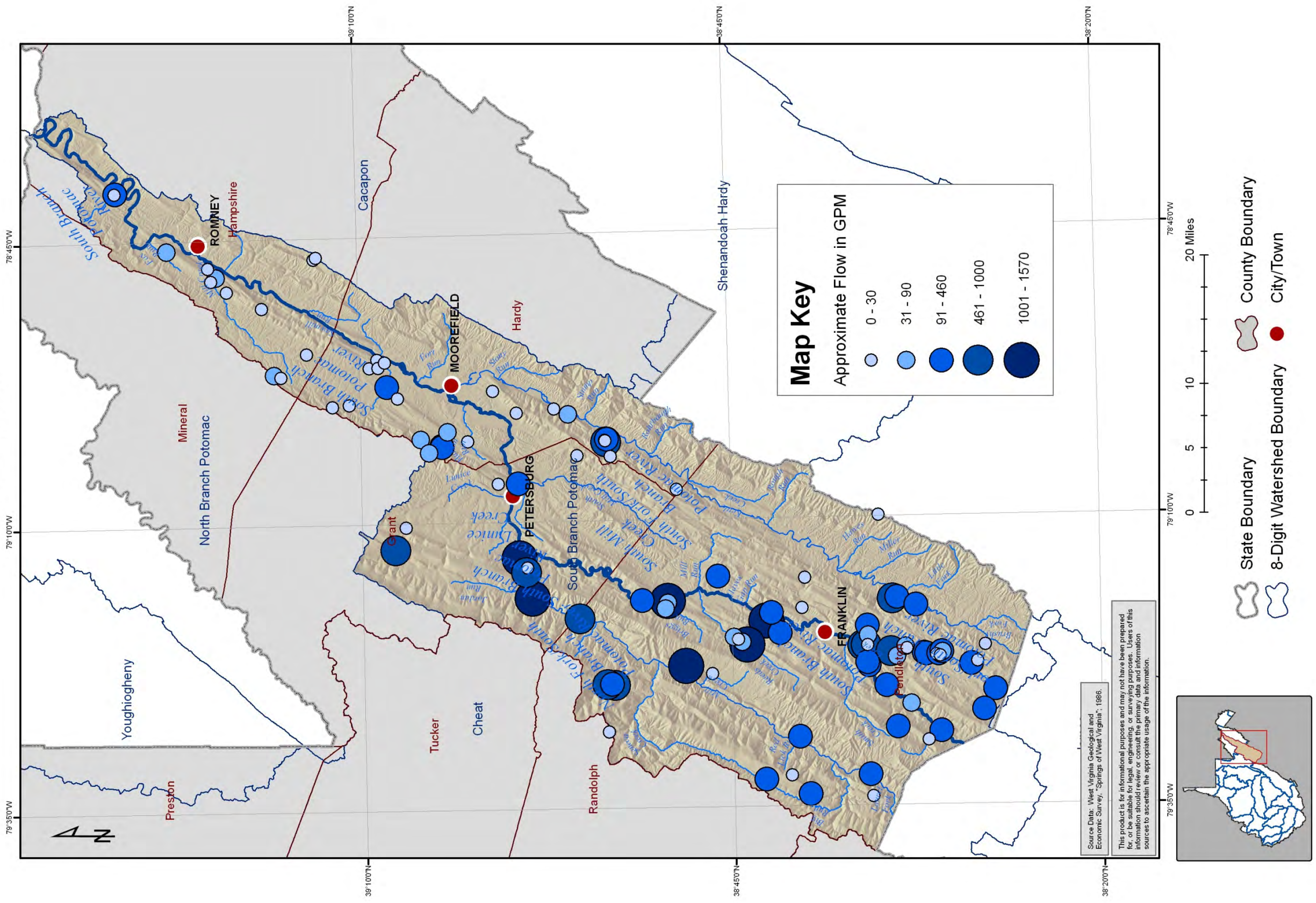
South Branch Potomac HUC-8 Watershed

Soil Drainage Class



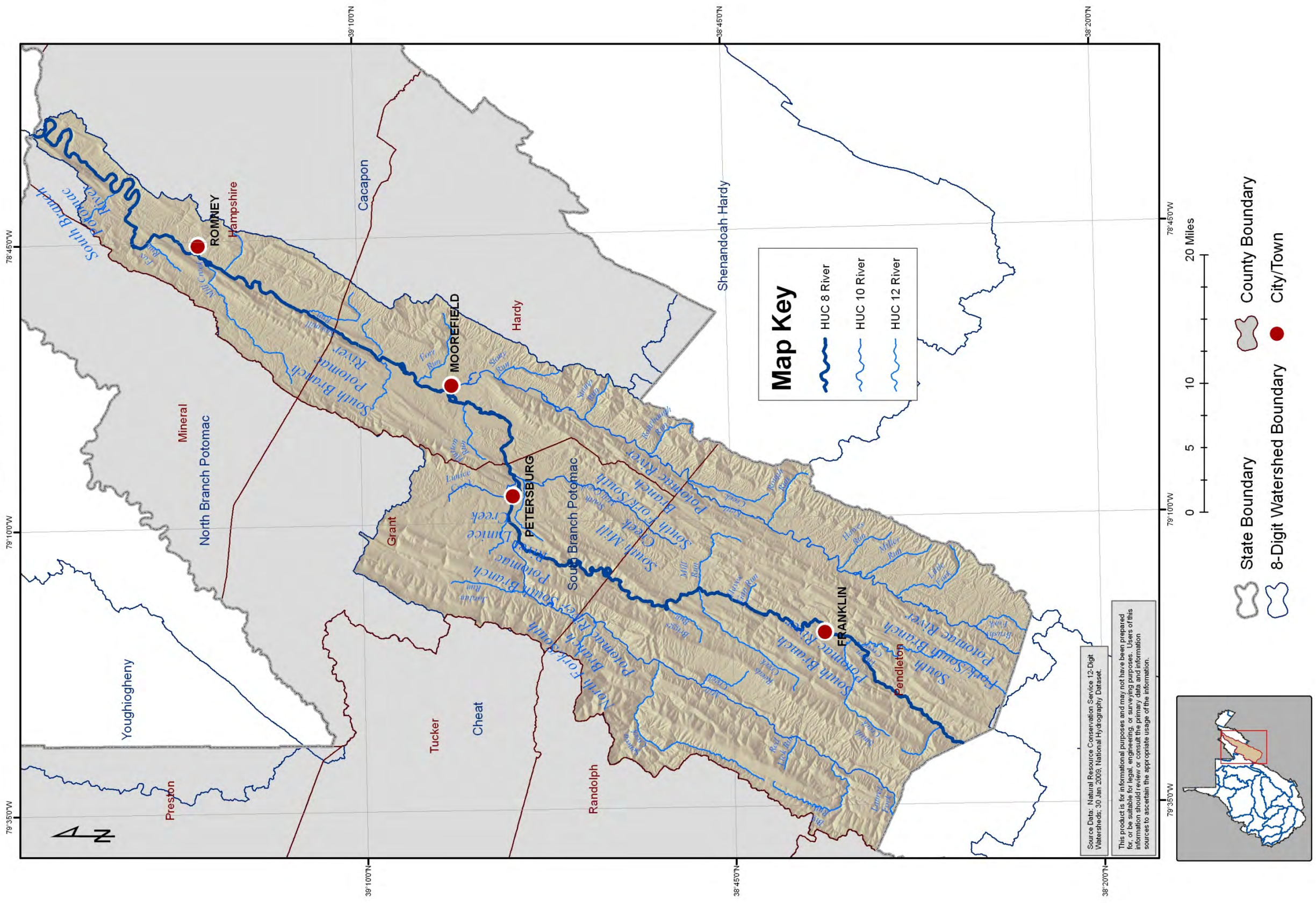
South Branch Potomac HUC-8 Watershed

Documented Springs



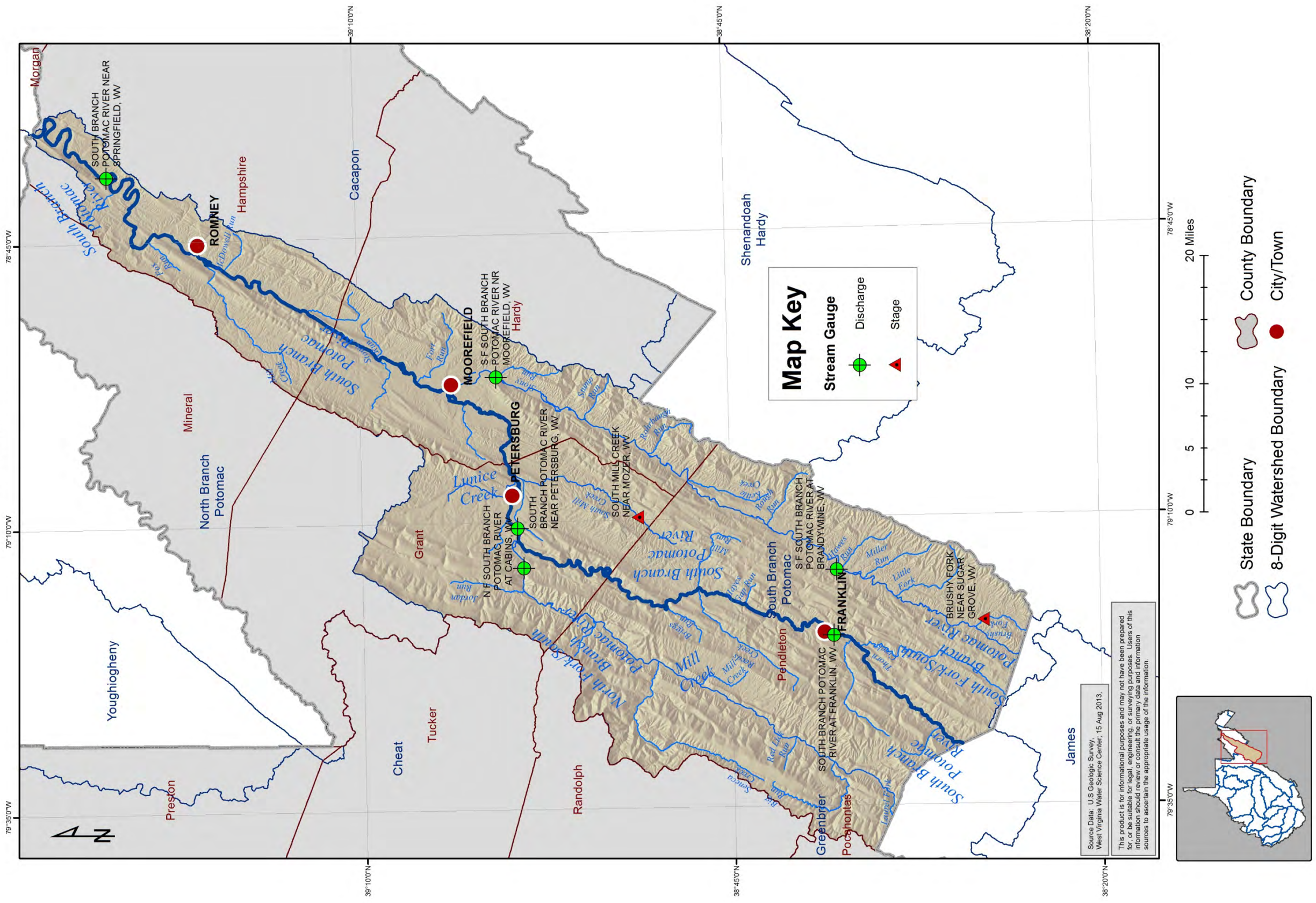
South Branch Potomac HUC-8 Watershed

Stream Connections



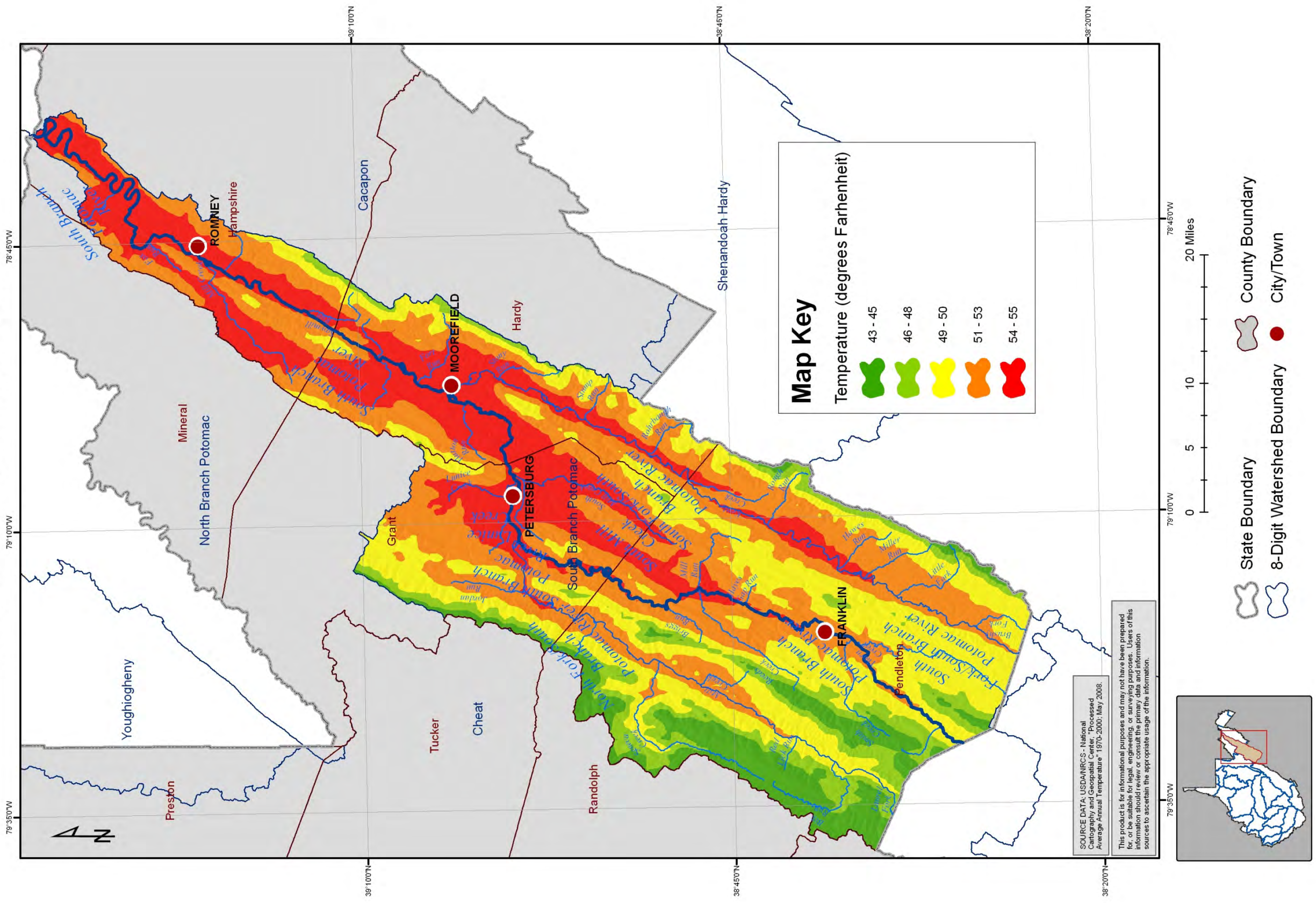
South Branch Potomac HUC-8 Watershed

Stream Gauges



South Branch Potomac HUC-8 Watershed

Average Annual Temperature (1971-2000)



South Branch Potomac HUC-8 Watershed

Wetlands

