



CSS Boundary Update

Chesapeake Bay Program Wastewater Treatment Workgroup Meeting

September 25, 2025

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U.S. Geological Survey¹

This information is preliminary and is subject to revision. It is being provided to meet the need for timely best science. The information is provided on the condition that neither the U.S. Geological Survey nor the U.S. Government shall be held liable for any damages resulting from the authorized or unauthorized use of the information.

Current CSS Status Overview:

STATE	current	former	Total
Delaware		1	1
District of Columbia	1		1
Maryland	3	5	8
New York	2		2
Pennsylvania	27	10	37
Virginia	3	1	4
West Virginia	3	1	4
Total	39	18	57

Combined Sewer Systems

State	Active (Hectares)	Former (Hectares)
Delaware	0	64
District of Columbia	5,102	0
Maryland	2,847	1,827
New York	5,136	0
Pennsylvania	42,231	3,436
Virginia	7,436	221
West Virginia	2,049	121
Total	64,801	5,670

Added model data to the spatial data:

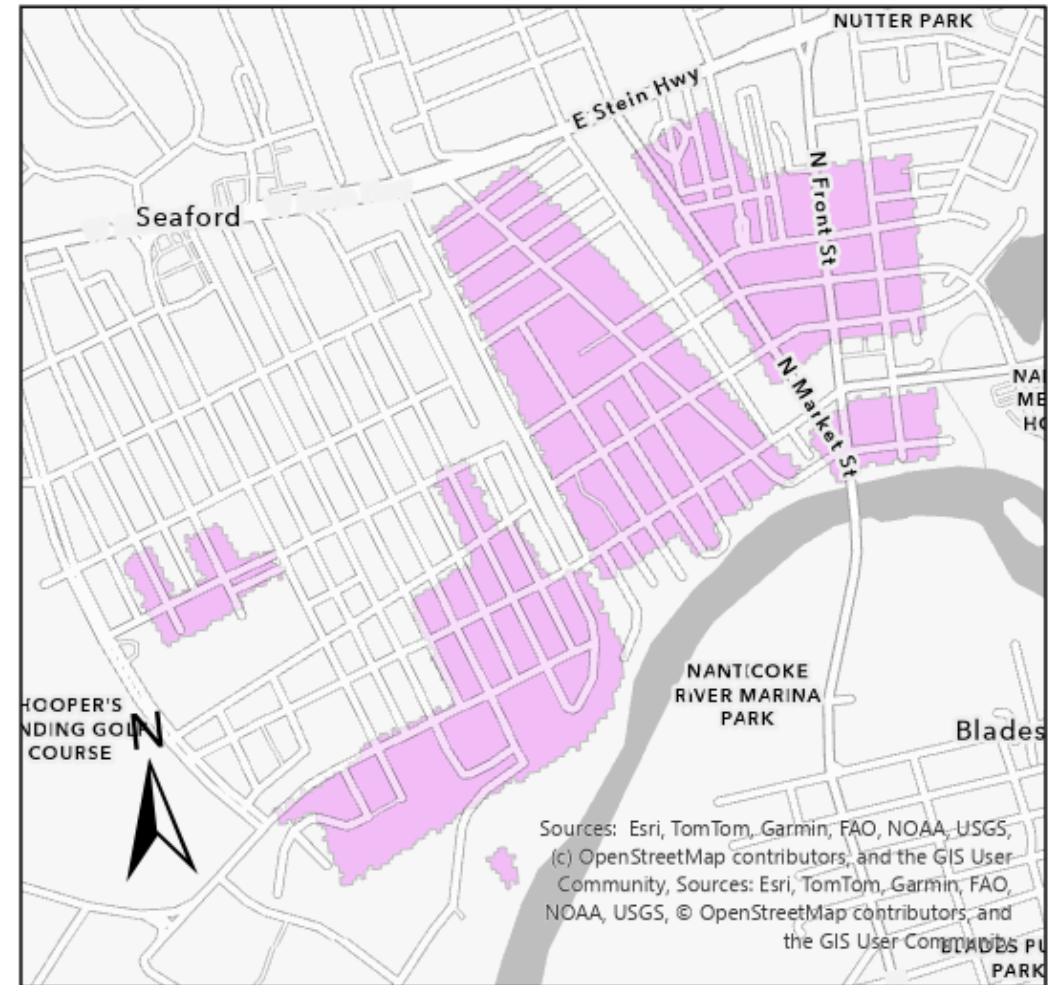
- Name
- River
- Flow__mgd__
- Nitrogen__lbs__
- Phosphorus__lbs__
- Sediment__lbs__
- Separation
- Flow_Control
- Existence
- Area_Hectares

CSS: Unassigned NPDES

Combined with another system	NPDES	Name
Yes, Most likely Frostburg	MD0067407	Allegany County CSO
Yes, part of Cumberland service area	MD0067547	LaVale Sanitary Commission CSO
Yes, Johnson City	NY0024406	Binghamton (C) CSO
Yes, part of Altoona's footprint	PA0027022	Altoona City Auth. - Westerly WWTF
Yes, Scranton	PAG062202	Lackawanna River Basin Sewer Auth.
Yes, part of Harrisburg's footprint	PAG063501	Steelton Boro Authority

Delaware

- Seaford is the only CSS we have for Delaware, and it is classified as a former combined sewer system.
- Decrease of 64 hectares



Explanation

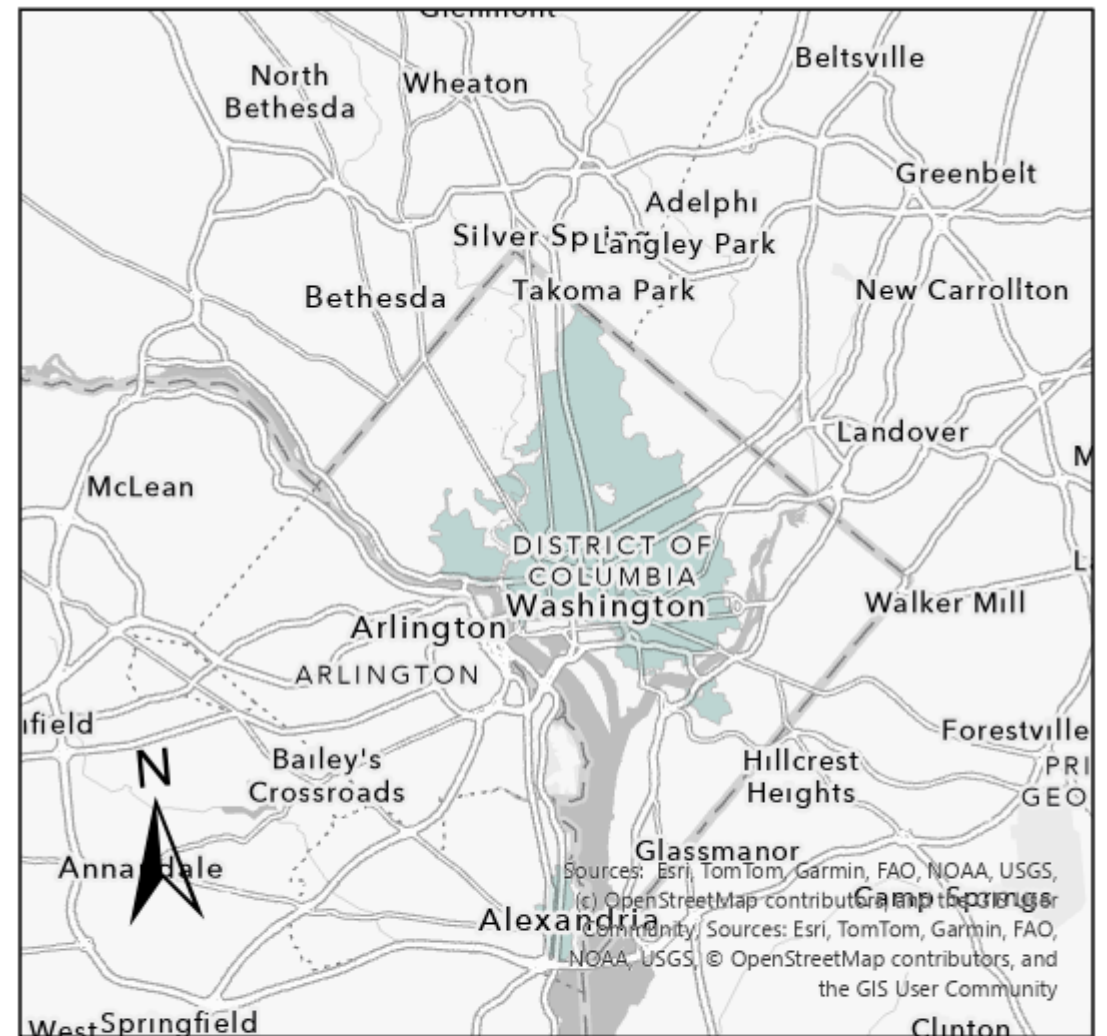
Existence

current

former

District of Columbia

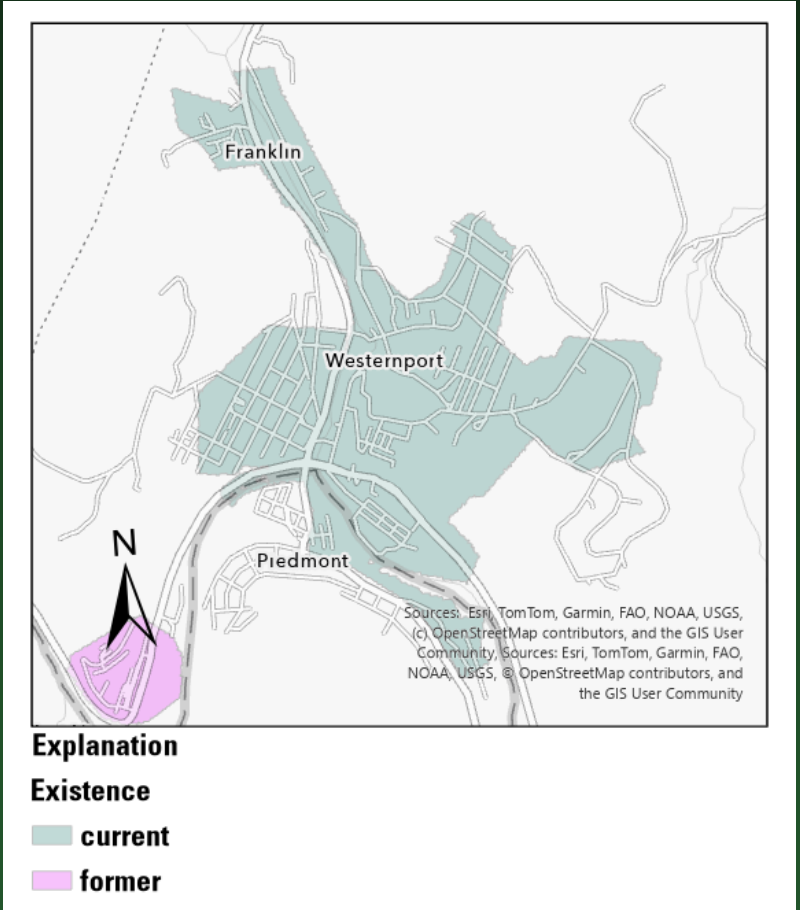
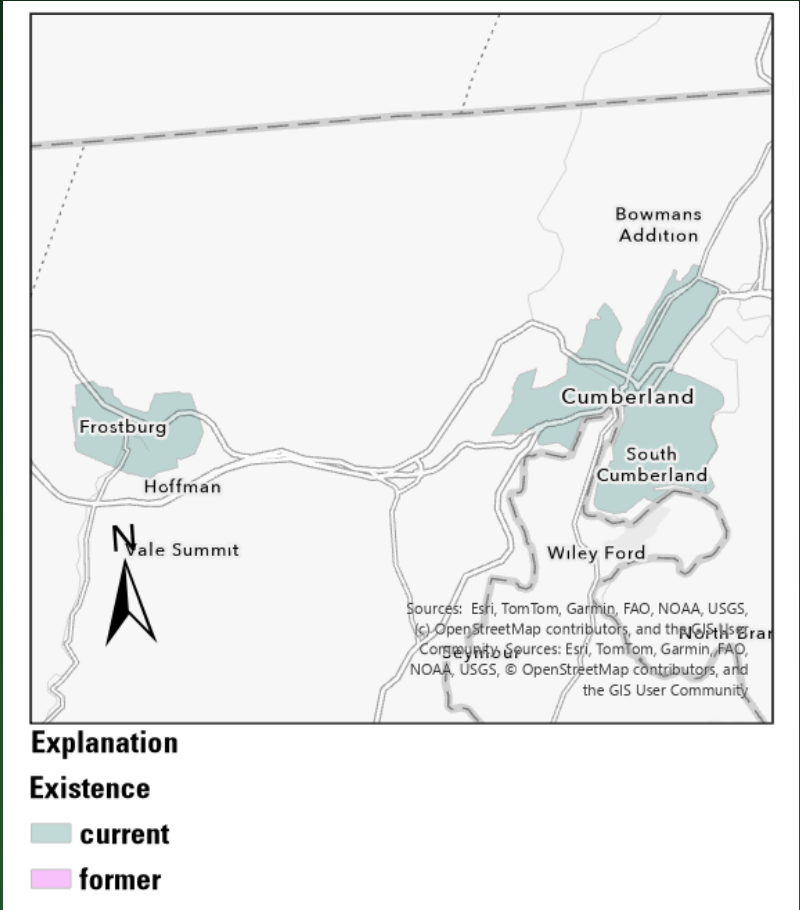
- CSS area remains current and unchanged from version 6.
- CSS area of 5102 hectares remains unchanged from Phase 6



Maryland

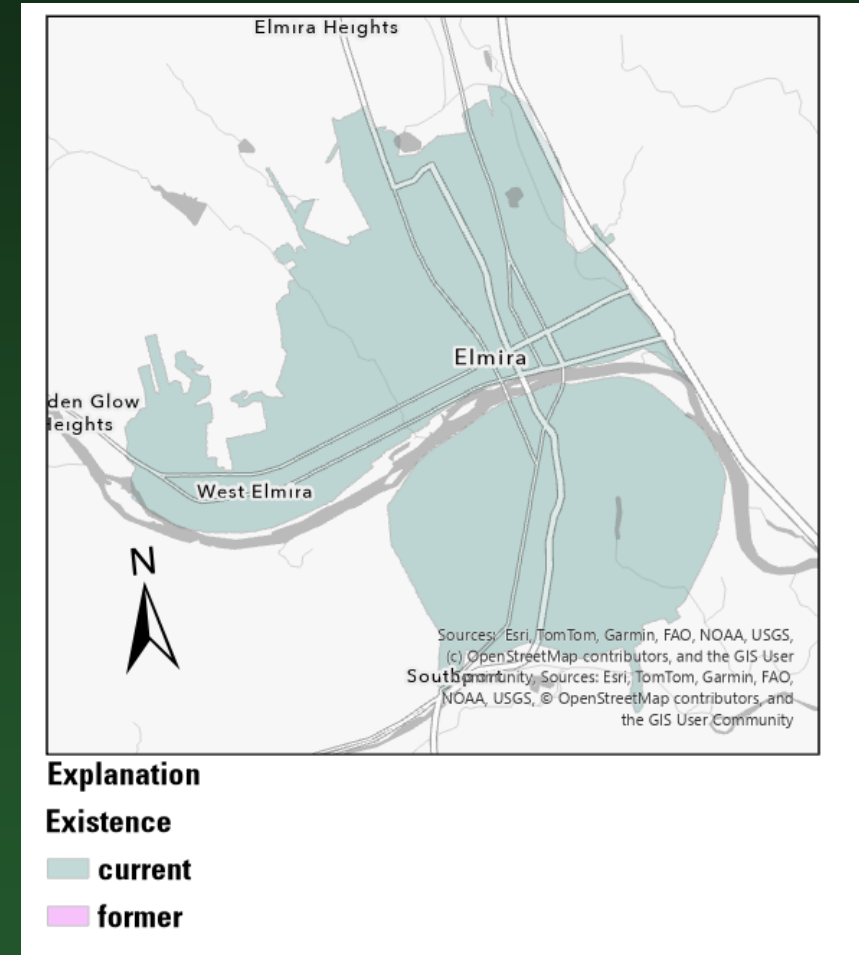
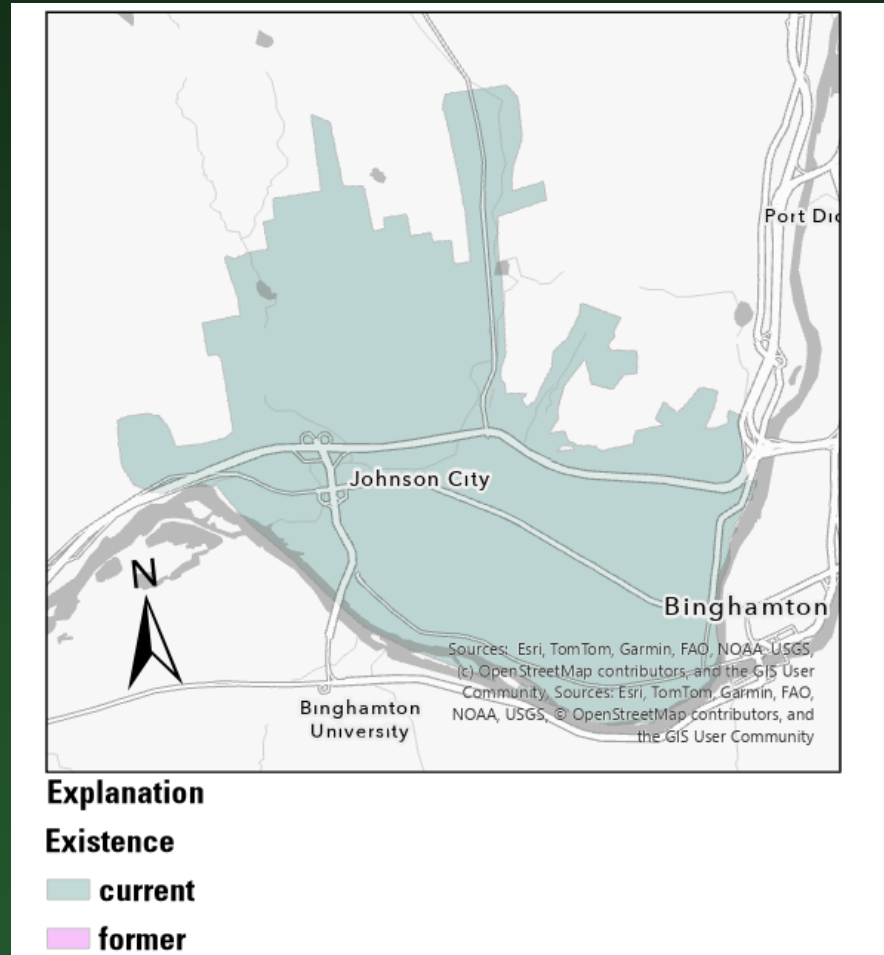
- Maryland has indicated it has 3 current CSS communities in Cumberland (1932 hectares), Westernport (266 hectares), and Frostburg (648 hectares).
 - These three current CSS areas cover 2847 hectares in Alleghany county
- The former CSS communities that have achieved separation are:
 - Baltimore (151 hectares)
 - Cambridge (966 hectares)
 - Federalsburg (244 hectares)
 - Salisbury (5 hectares)
 - Snow Hill (462 hectares)
 - Total (1827 hectares)

Maryland



New York

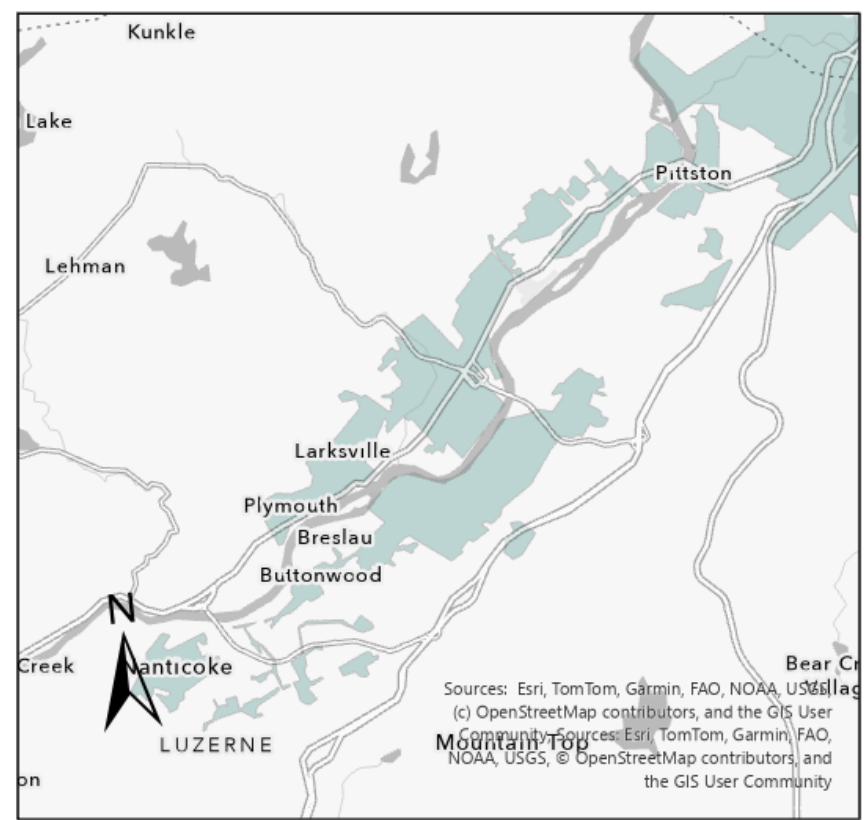
New York has two current CSS communities, Binghamton/Johnson City (2581 hectares) and Elmira (2556 hectares).



Pennsylvania

- **Pennsylvania has 37 current and former CSS communities.**
 - **10 former CSS (3463 hectares)**
 - Berwick, Burnham, Canton, Everett, Gallitzen, Houtzdale, Marysville, Mount Carmel, Tunkhannock, and Williamsburg
 - **27 Current CSS (42231 hectares)**
 - Altoona, Ashland, Bedford, Clearfield, Emporium, Galeton, Harrisburg, Hazleton, Hollidaysburg, Huntingdon, Lancaster, Mansfield, Newport, Ranshaw, Scranton, Shamokin, Shenandoah, Sunbury, Susquehanna Depot, Uniontown, Wellsboro, Williamsport, Forest City

Pennsylvania: Scranton

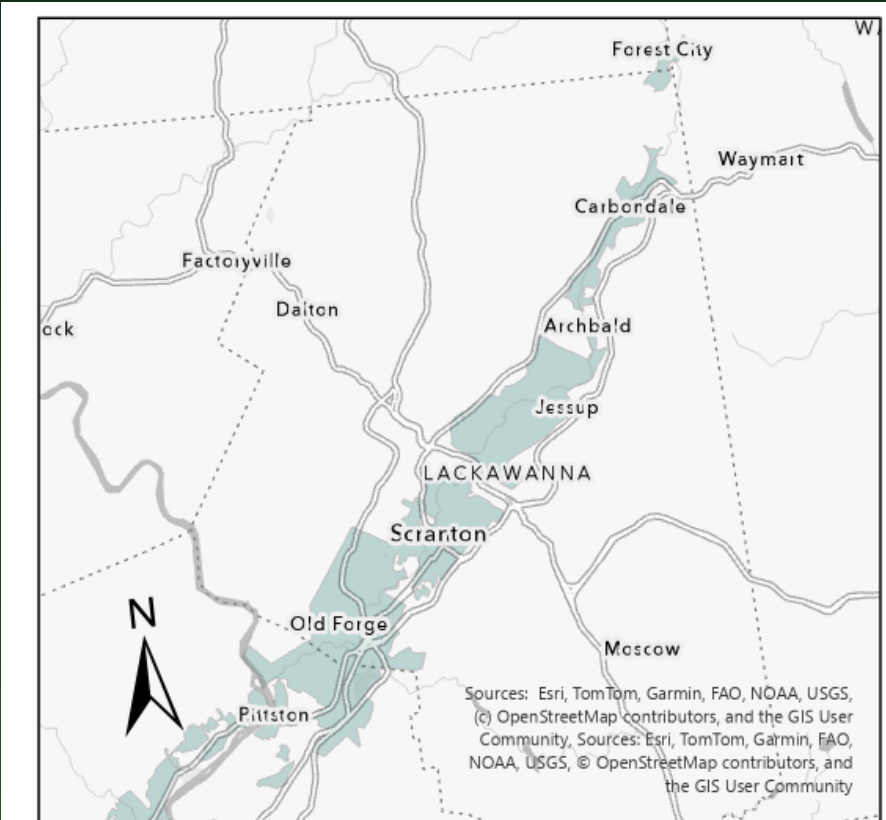


Explanation

Existence

current

former



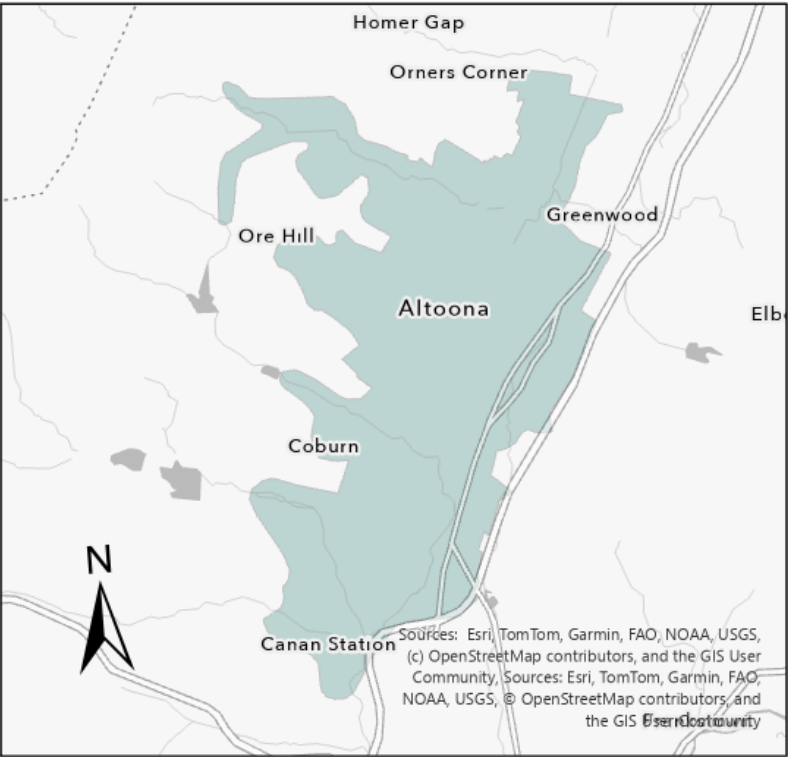
Explanation

Existence

current

former

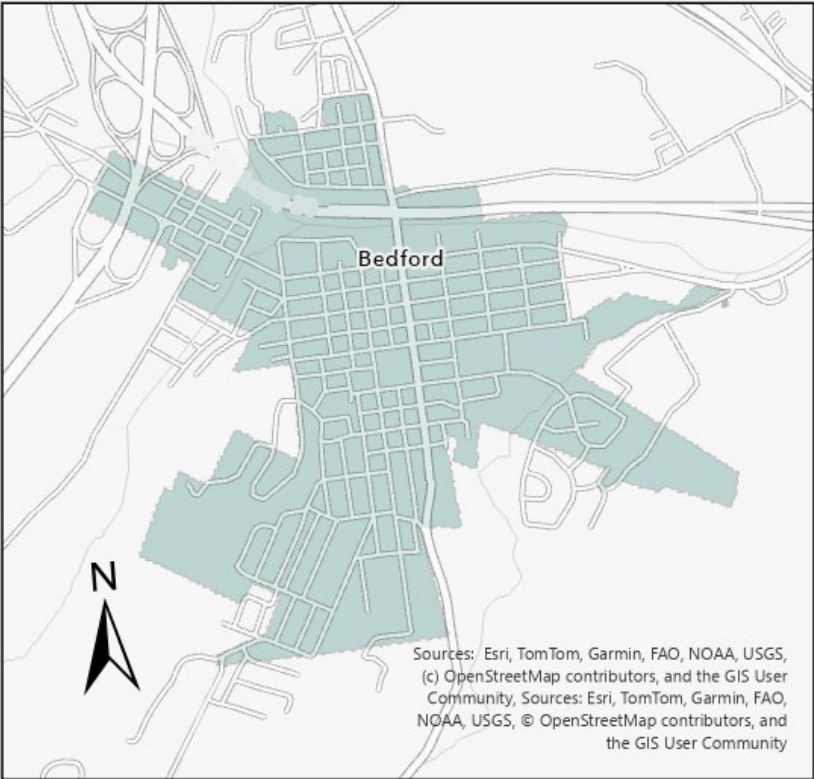
Pennsylvania



Explanation

Existence

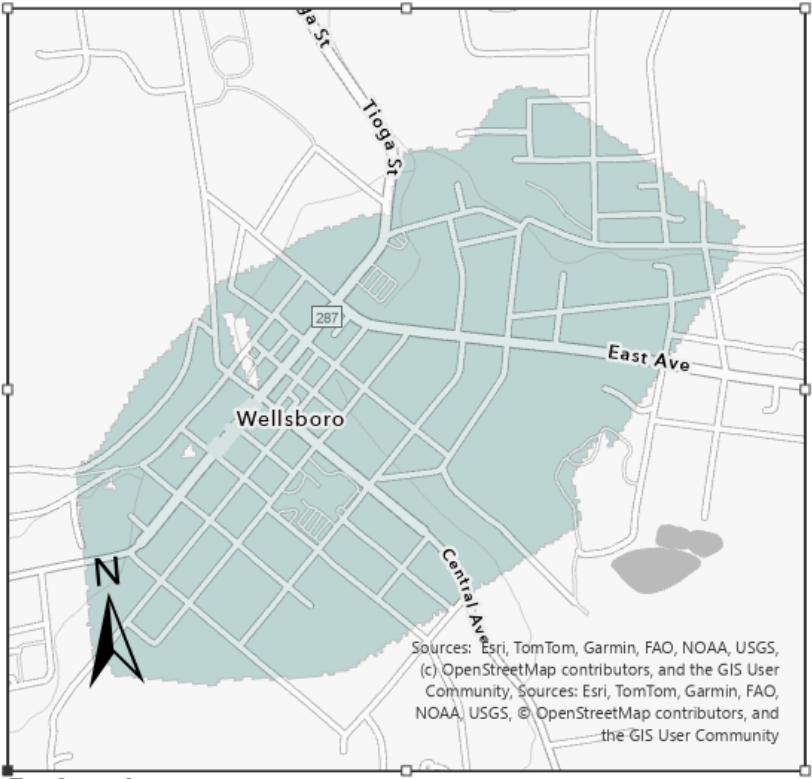
- current
- former



Explanation

Existence

- current
- former

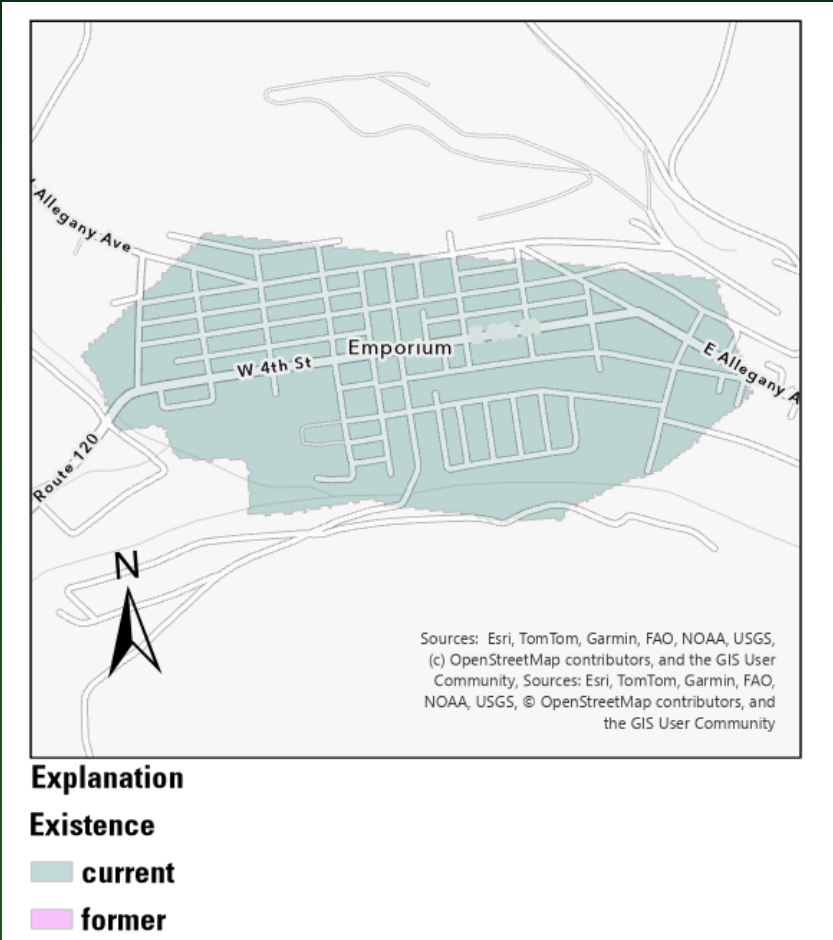
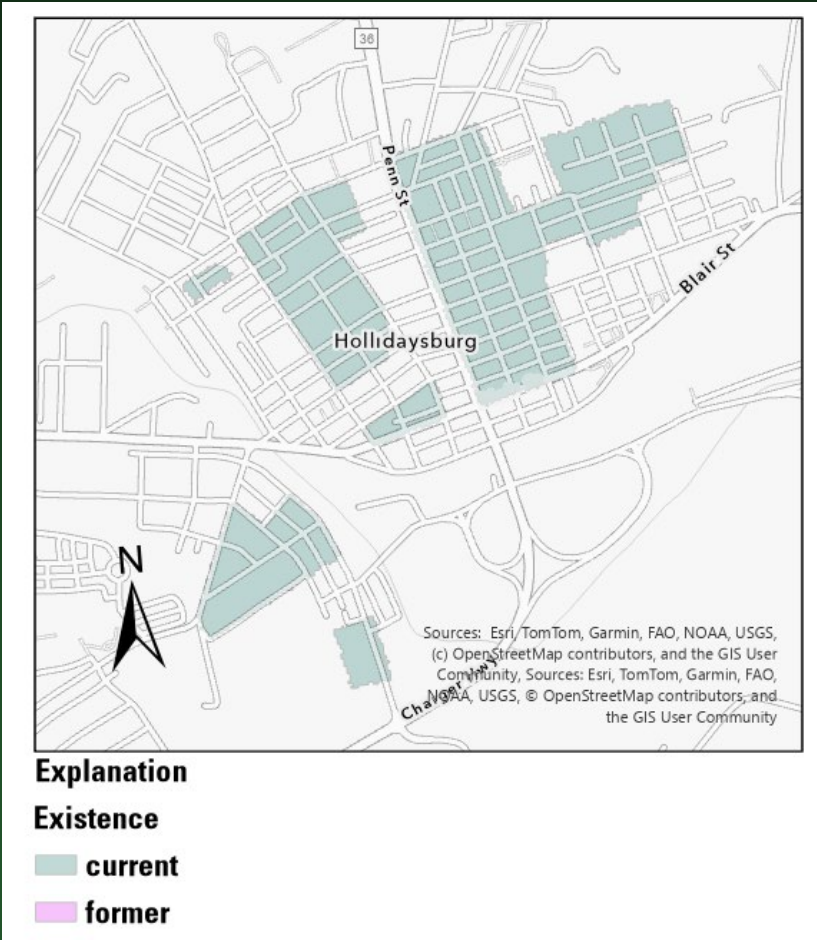
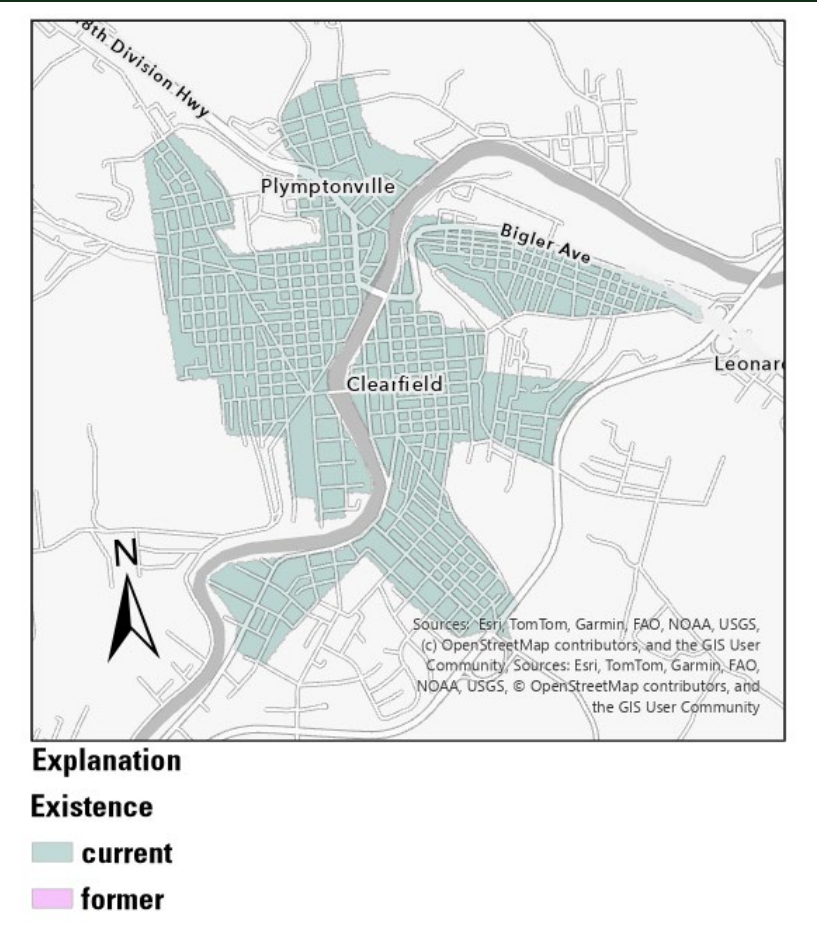


Explanation

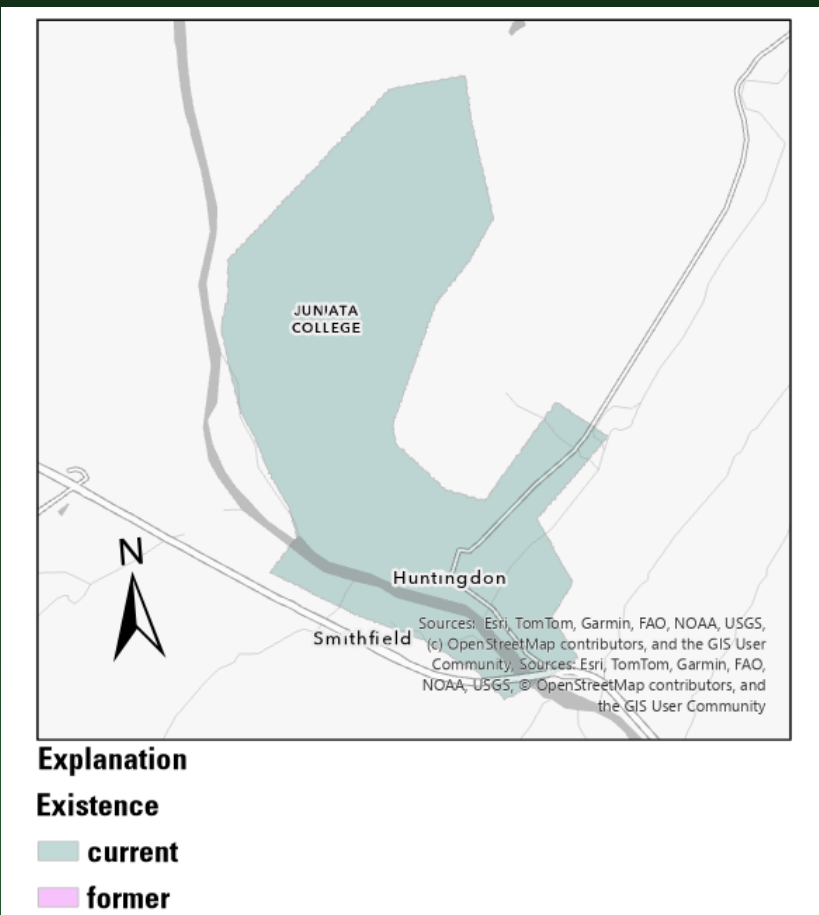
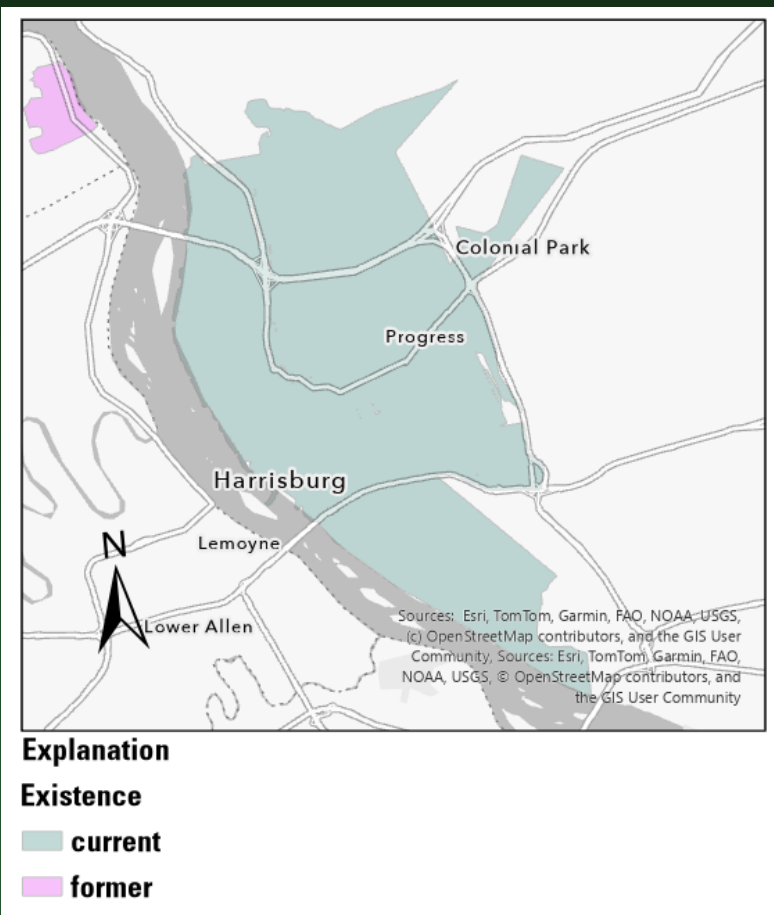
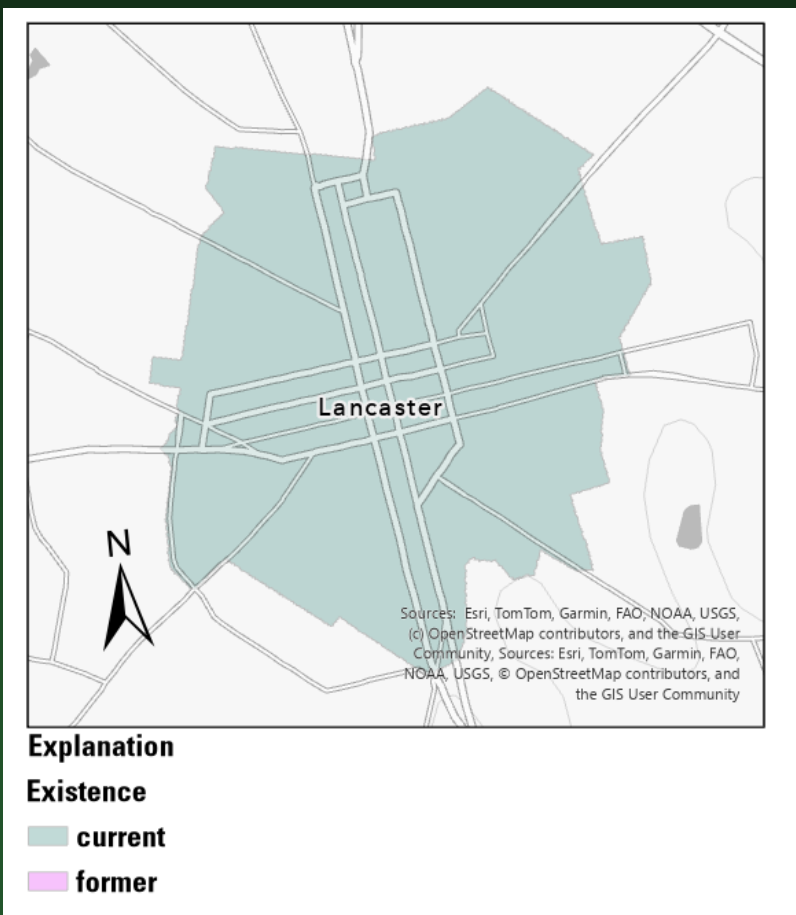
Existence

- current
- former

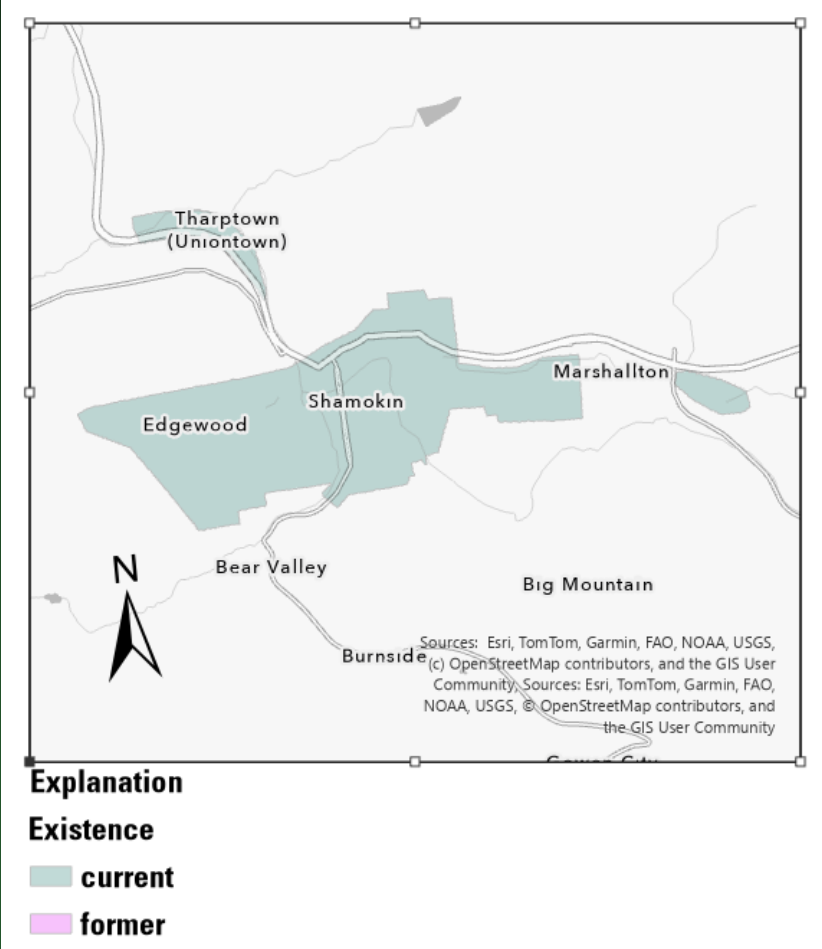
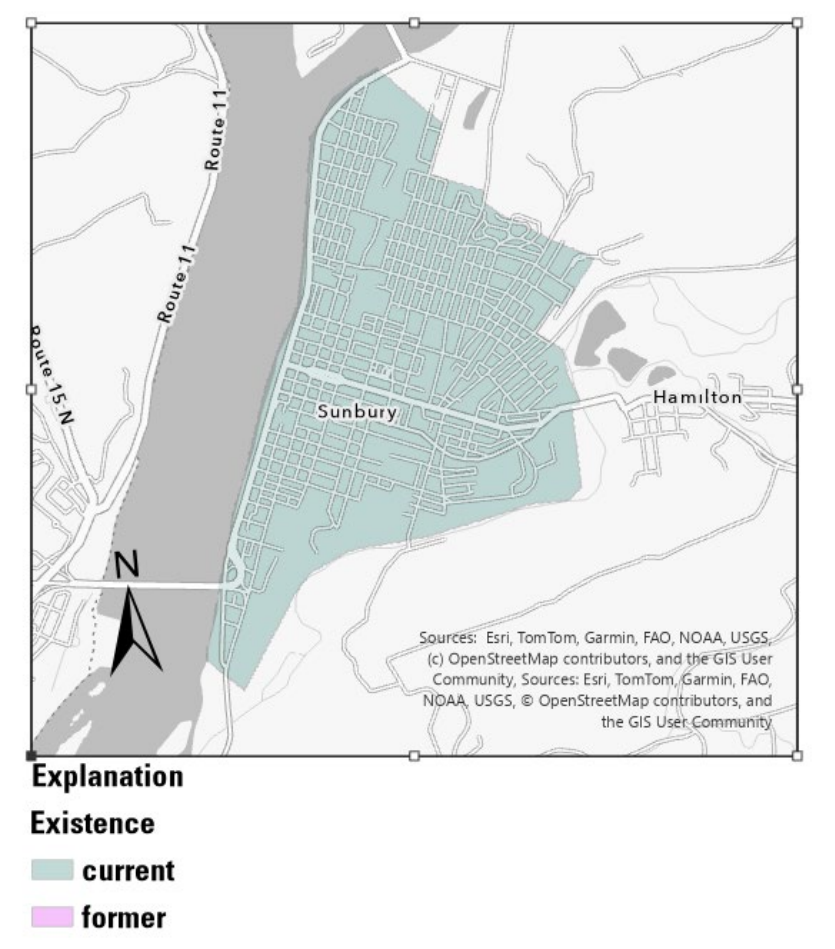
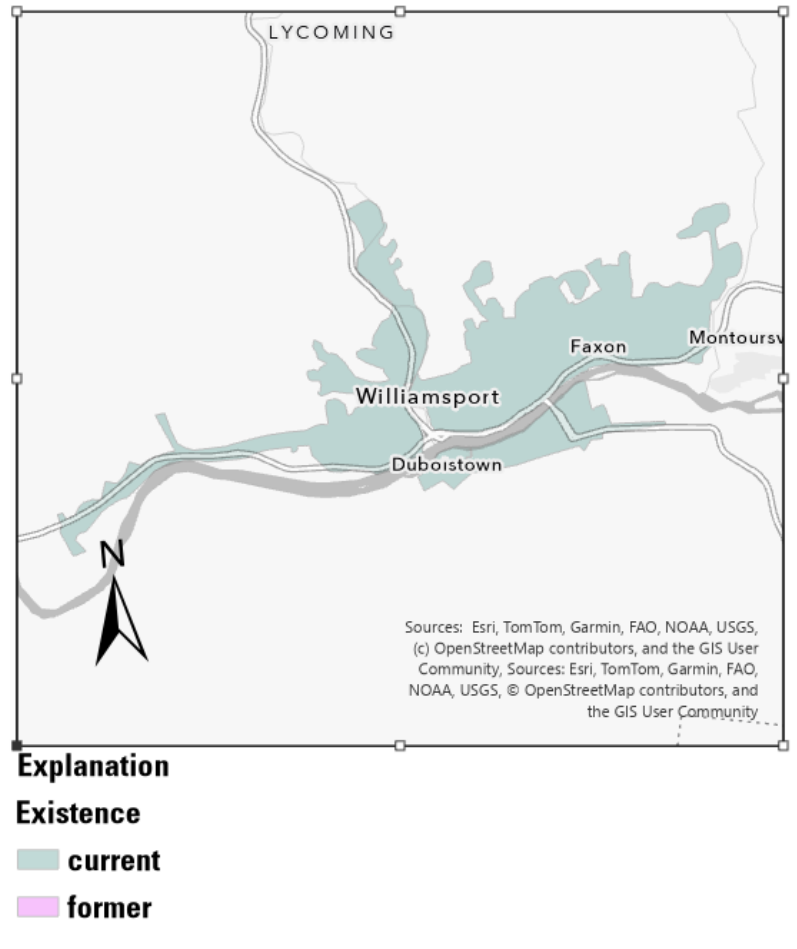
Pennsylvania



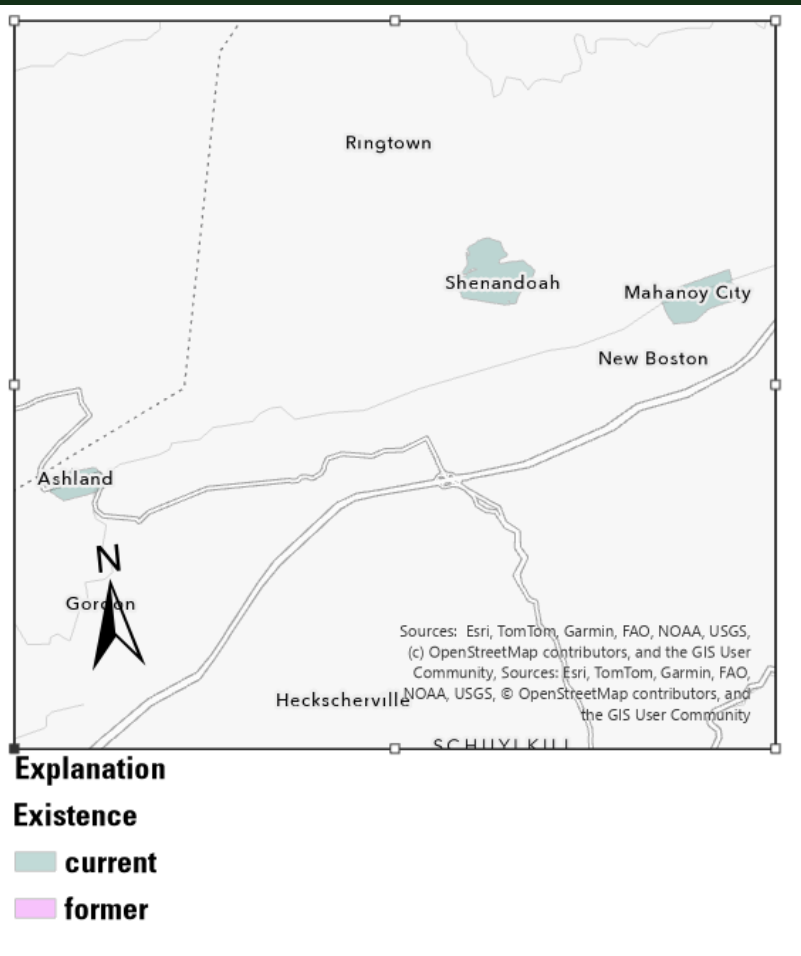
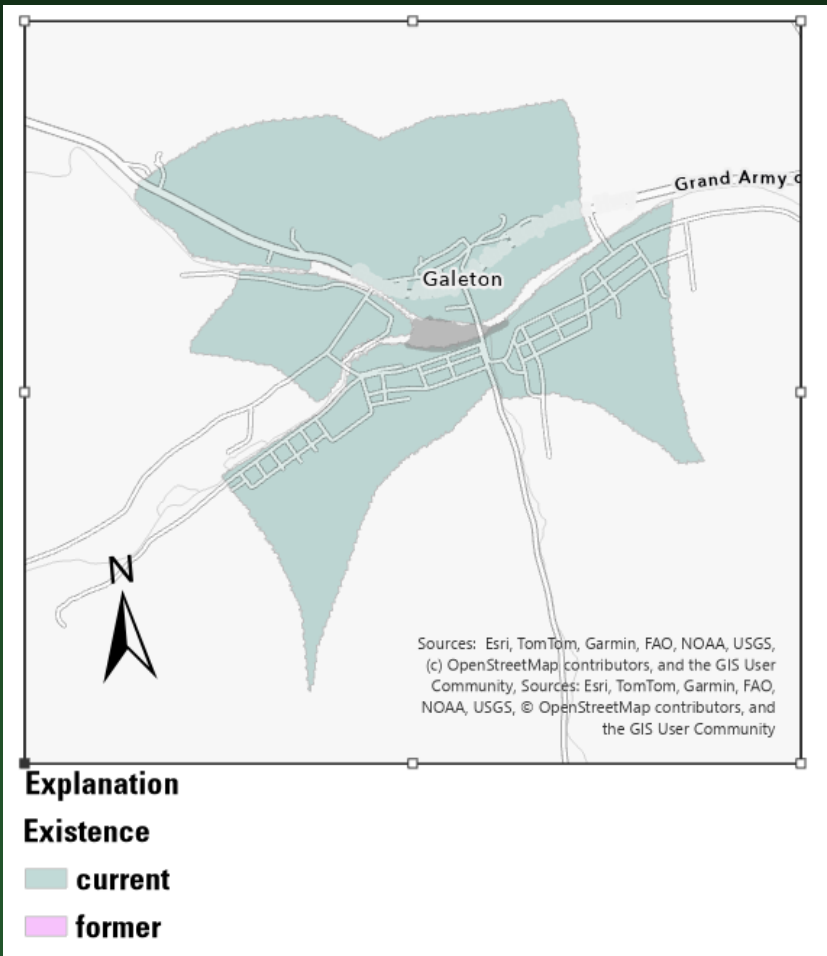
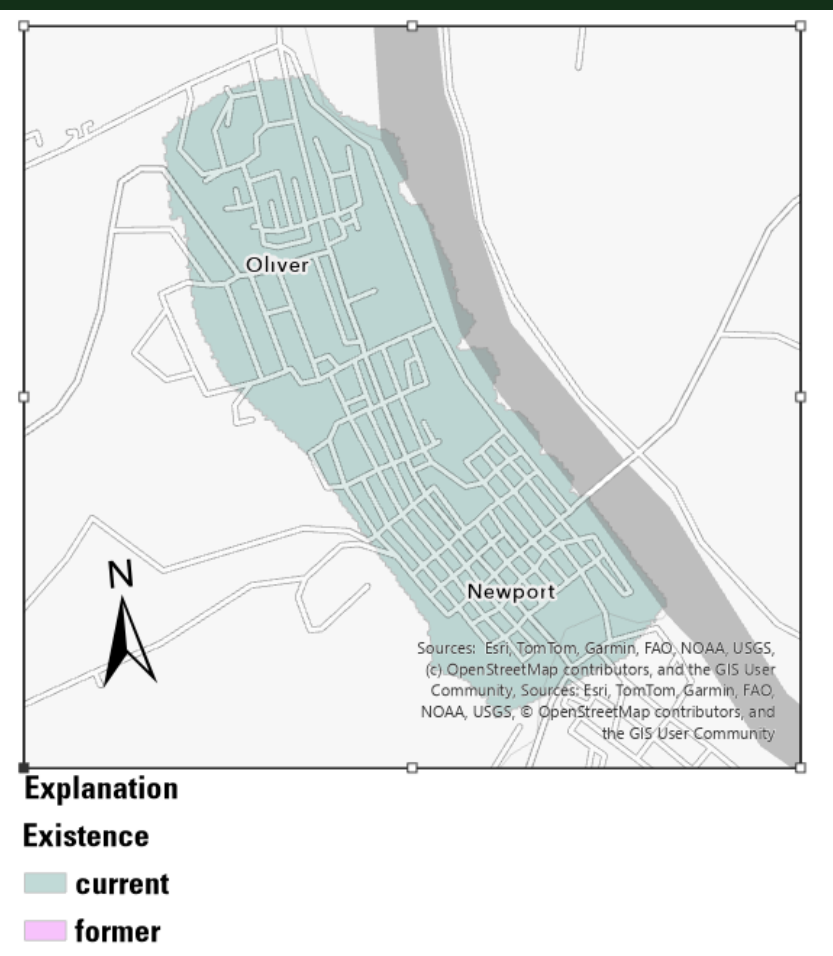
Pennsylvania



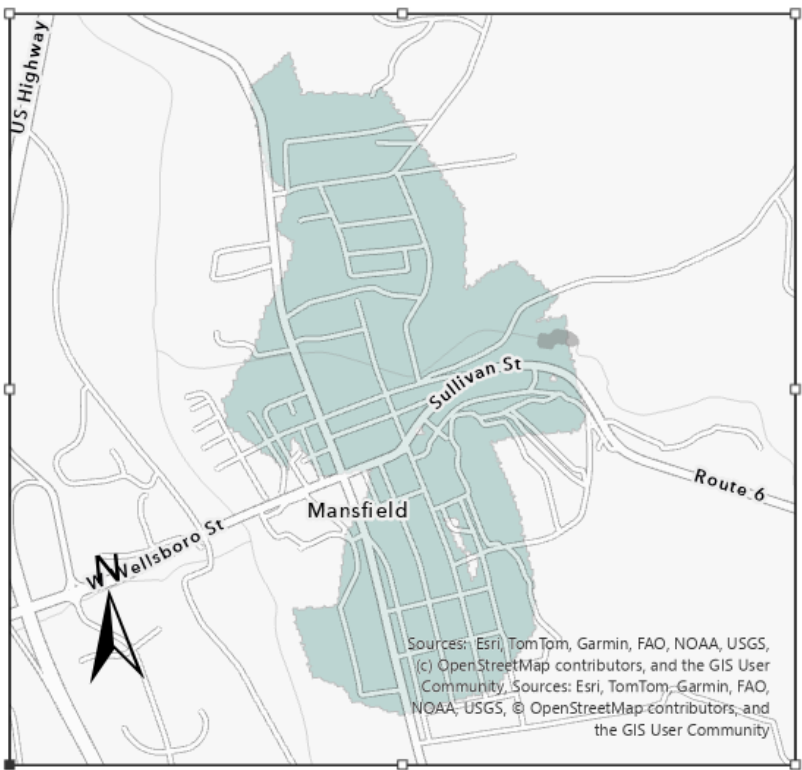
Pennsylvania



Pennsylvania



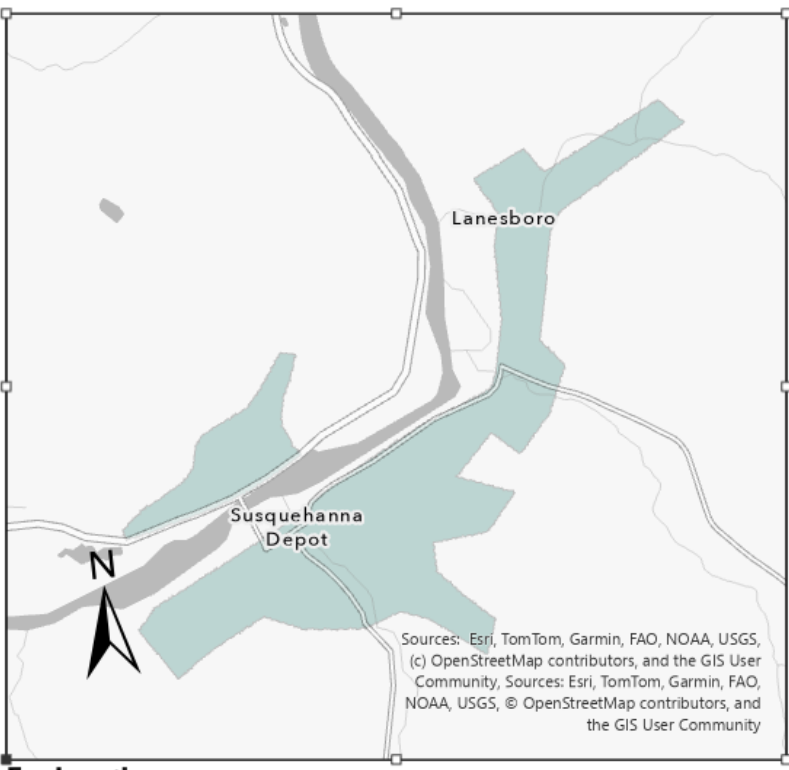
Pennsylvania



Explanation

Existence

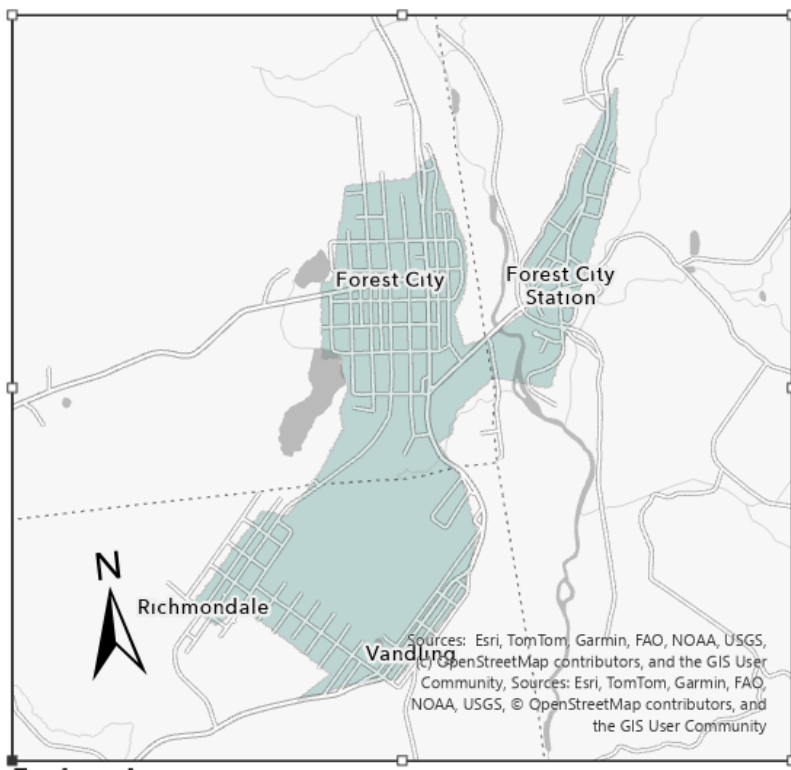
- current
- former



Explanation

Existence

- current
- former



Explanation

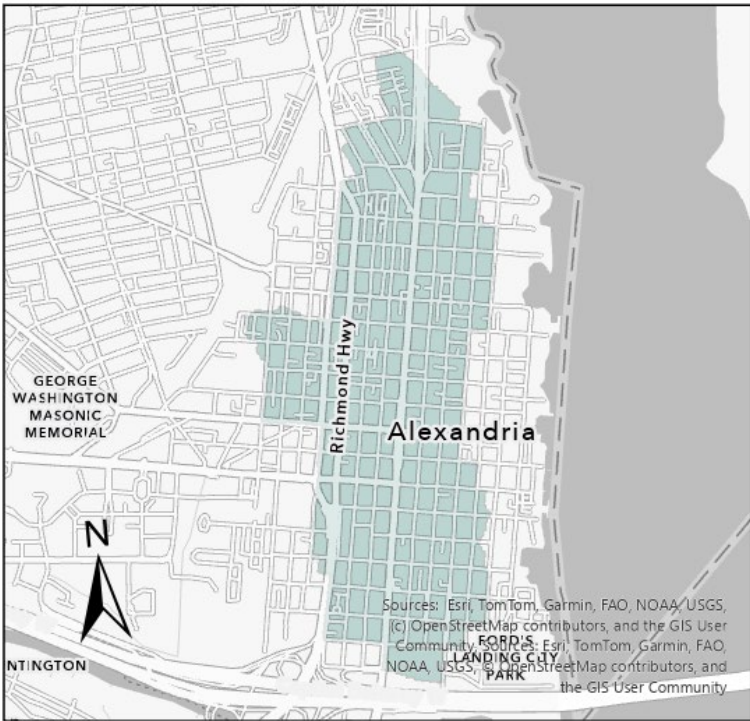
Existence

- current
- former

Virginia

- **Virginia has 3 current and 1 former CSS**
 - **Current communities:**
 - Alexandria (216 hectares)
 - Lynchburg (1424 hectares)
 - Richmond (5795 hectares)
 - **Former community is Covington (221 hectares)**

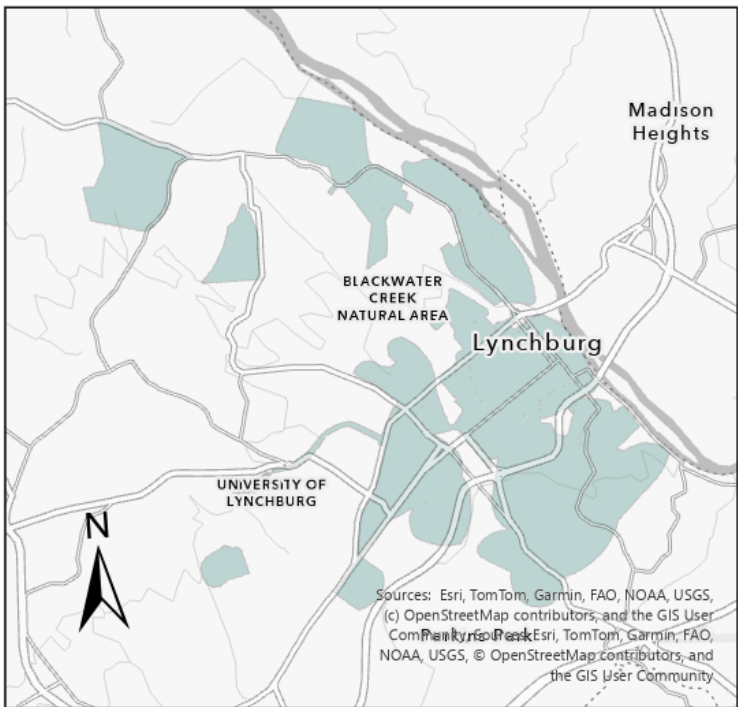
Virginia



Explanation

Existence

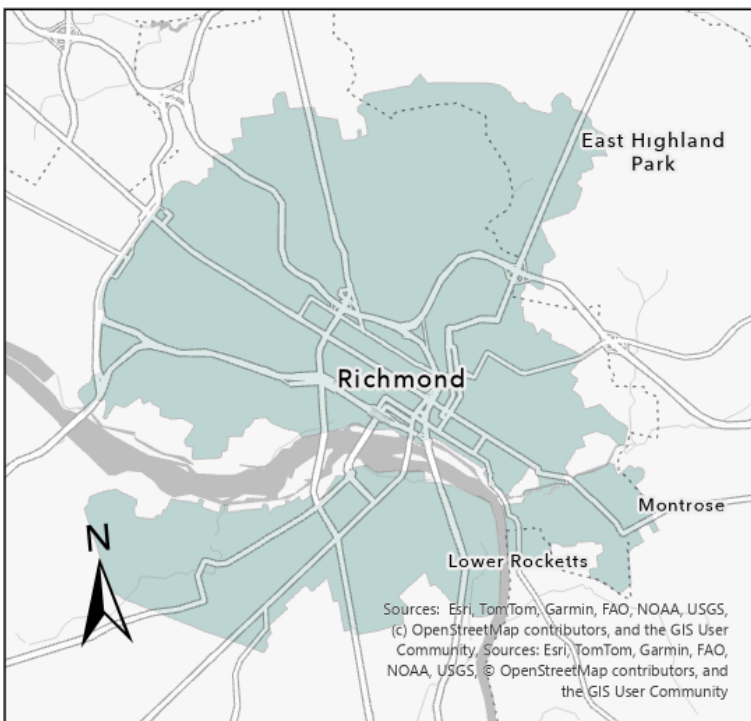
- current
- former



Explanation

Existence

- current
- former



Explanation

Existence

- current
- former

West Virginia

- **West Virginia has 3 current and 1 former CSS community**
 - **Current communities:**
 - Keyser (215 hectares)
 - Martinsburg (1741 hectares)
 - Moorefield (94 hectares)
 - **The former community is Petersburg (121 hectares)**

West Virginia

