

*Appendix D      Local Municipality Flood Vulnerability Maps*

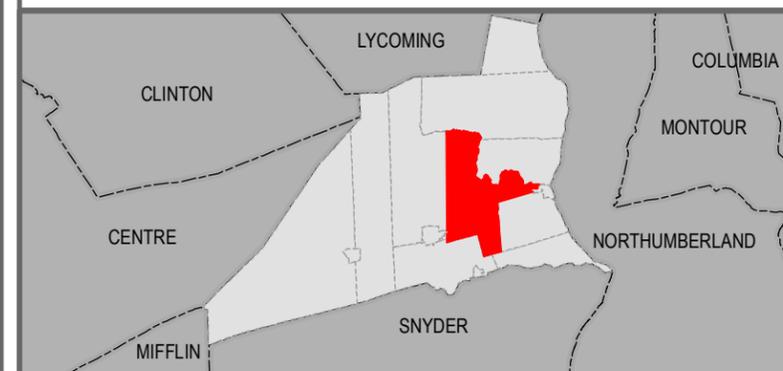
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# Union County Hazard Mitigation Plan Update

## Buffalo Township Community Flood Vulnerability

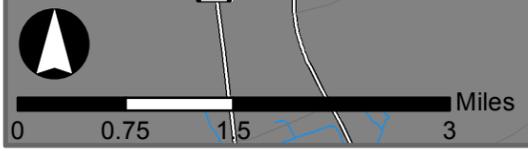
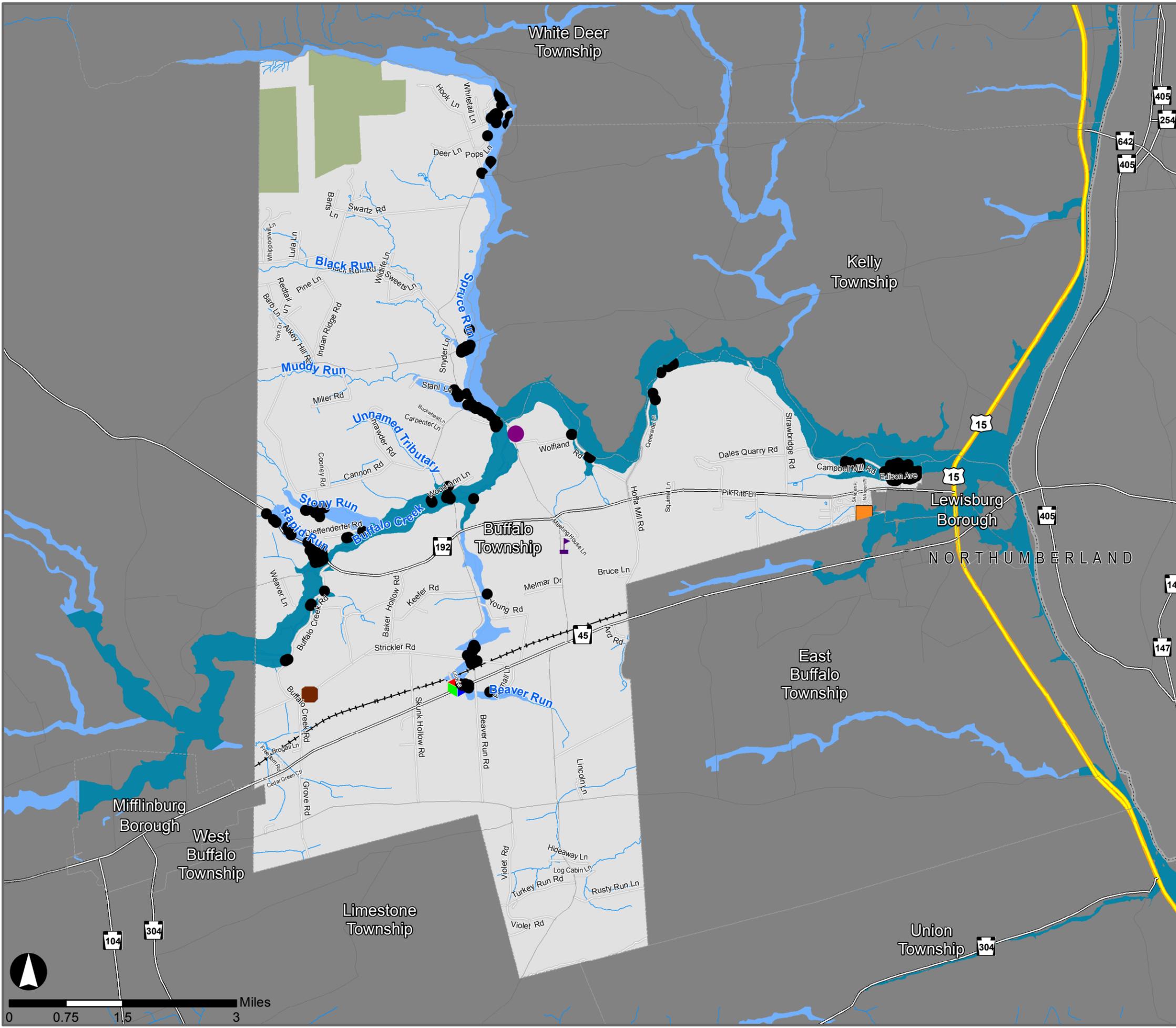
### LEGEND

- |                            |                    |                        |
|----------------------------|--------------------|------------------------|
| <b>Critical Facilities</b> |                    | Retirement Facility    |
| Bucknell                   | Sewer              | Utility                |
| Community                  | Water              | Structures in SFHA     |
| County                     |                    |                        |
| EMS                        |                    |                        |
| Fire Company               |                    |                        |
| Fire Company/EMS           |                    |                        |
| Hospital                   |                    |                        |
| Hotel/Motel                |                    |                        |
| Library                    |                    |                        |
| Medical Facility           |                    |                        |
| Military                   |                    |                        |
| Municipal                  |                    |                        |
| PennDOT                    |                    |                        |
| Police                     |                    |                        |
| Prison                     |                    |                        |
| Public School              |                    |                        |
| Red Cross                  |                    |                        |
| Retail                     |                    |                        |
|                            | <b>Flood Zones</b> |                        |
|                            | A                  | Streams                |
|                            | AE                 | US Highways            |
|                            |                    | State Highways         |
|                            |                    | Other State Routes     |
|                            |                    | Local Roads            |
|                            |                    | Railroads              |
|                            |                    | State Recreation Lands |
|                            |                    | Municipalities         |
|                            |                    | Counties               |



Source of Data: PennDOT, 2014; USGS, 2014;  
FEMA-DFIRM NFHL 2013; Union County GIS, 2014.

Map Date: 9/15/2014



# Union County Hazard Mitigation Plan Update

## East Buffalo Township Community Flood Vulnerability

### LEGEND

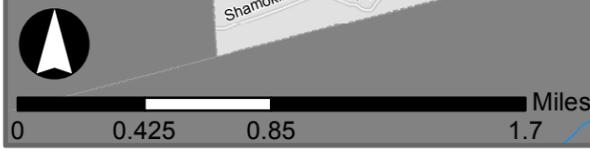
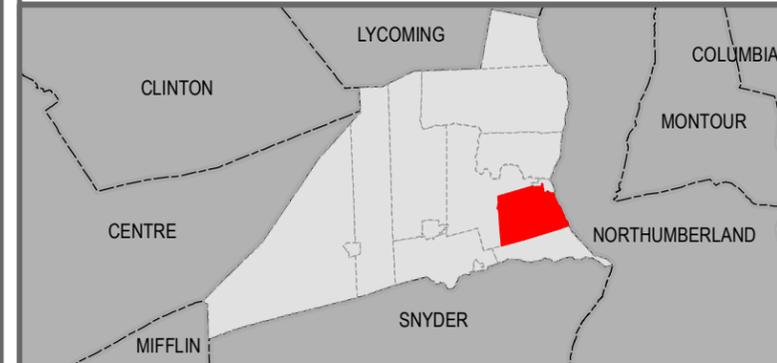
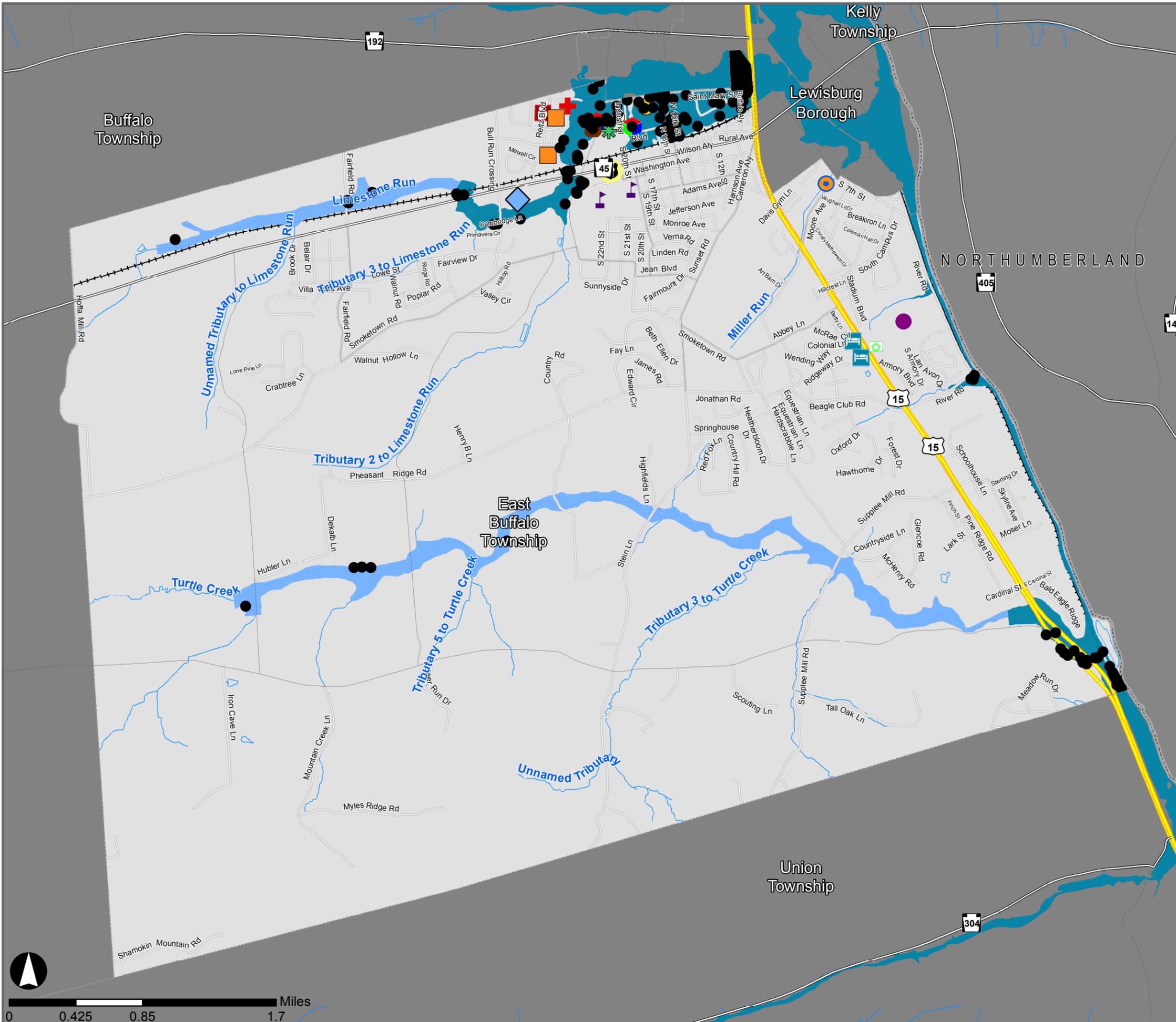
#### Critical Facilities

- Bucknell
- Community
- County
- EMS
- Fire Company
- Fire Company/EMS
- Hospital
- Hotel/Motel
- Library
- Medical Facility
- Military
- Municipal
- PennDOT
- Police
- Prison
- Public School
- Red Cross

- Retail
- Retirement Facility
- Sewer
- Utility
- Water
- Structures in SFHA

#### Flood Zones

- A
- AE
- Streams
- US Highways
- State Highways
- Other State Routes
- Local Roads
- Railroads
- Municipalities
- Counties



Source of Data: PennDOT, 2014; USGS, 2014; FEMA-DFIRM NFHL 2013; Union County GIS, 2014.

Map Date: 9/15/2014



# Union County Hazard Mitigation Plan Update

## Gregg Township Community Flood Vulnerability

### LEGEND

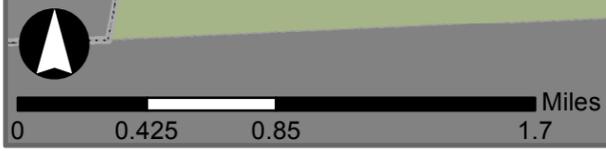
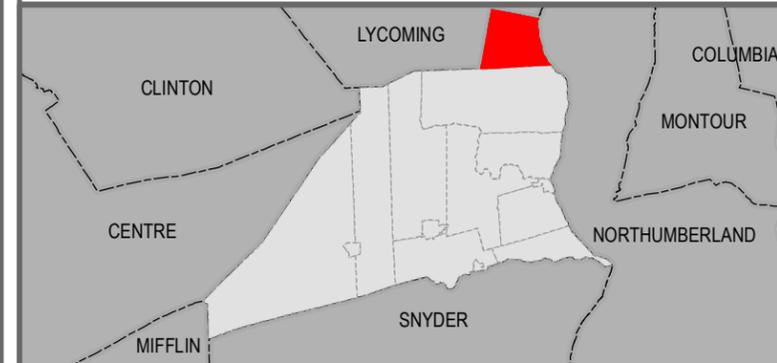
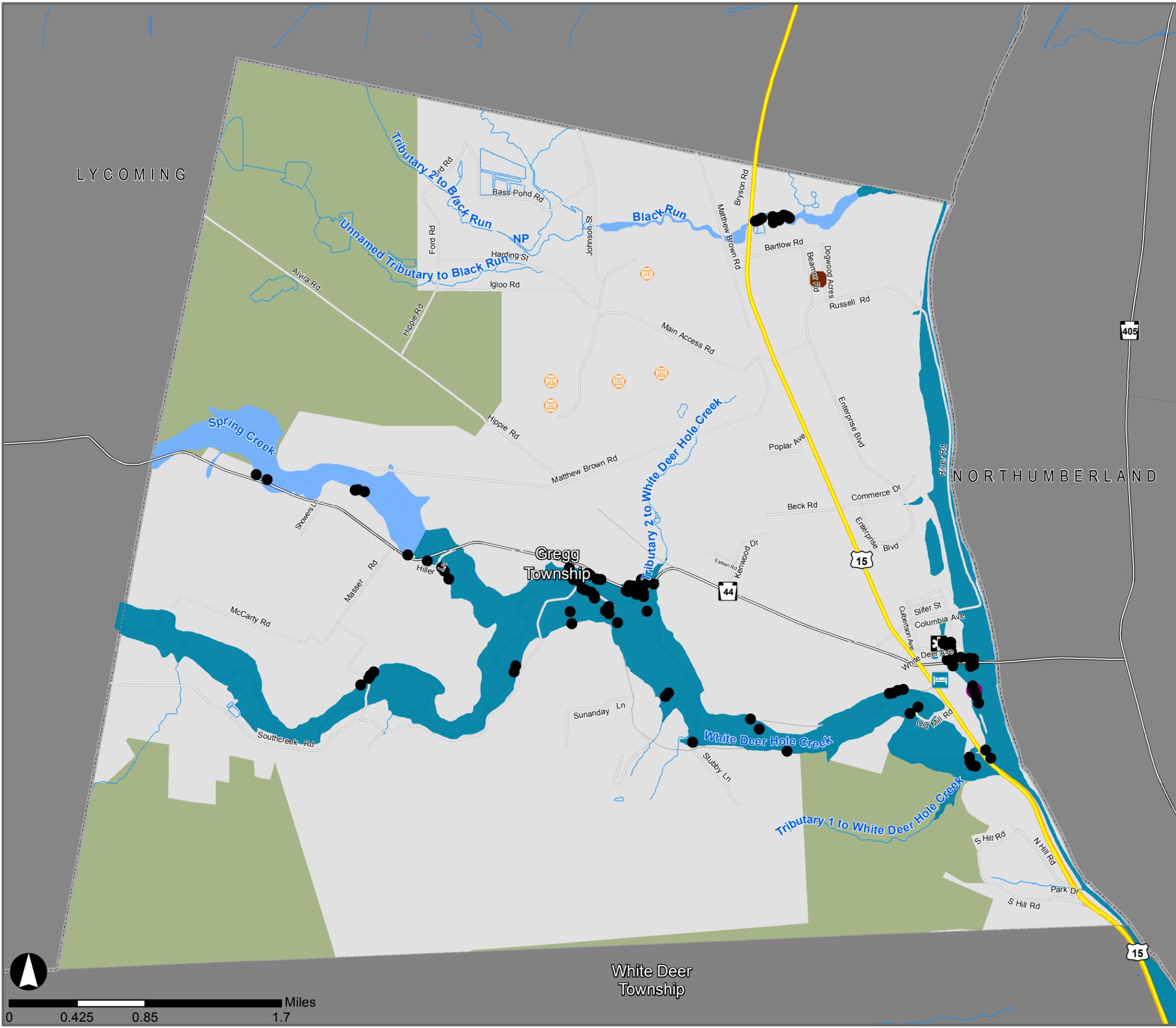
#### Critical Facilities

- Bucknell
- Community
- County
- EMS
- Fire Company
- Fire Company/EMS
- Hospital
- Hotel/Motel
- Library
- Medical Facility
- Military
- Municipal
- PennDOT
- Police
- Prison
- Public School
- Red Cross

- Retail
- Retirement Facility
- Sewer
- Utility
- Water
- Structures in SFHA

#### Flood Zones

- A
- AE
- Streams
- US Highways
- State Highways
- Other State Routes
- Local Roads
- State Recreation Lands
- Municipalities
- Counties



Source of Data: PennDOT, 2014; USGS, 2014; FEMA-DFIRM NFHL 2013; Union County GIS, 2014.

Map Date: 9/15/2014



# Union County Hazard Mitigation Plan Update

## Hartleton Borough Community Flood Vulnerability

### LEGEND

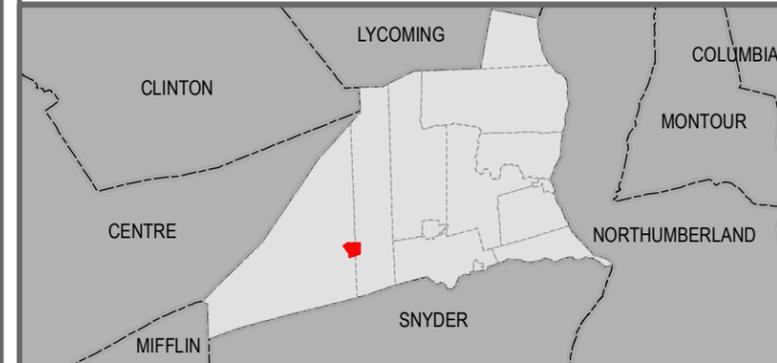
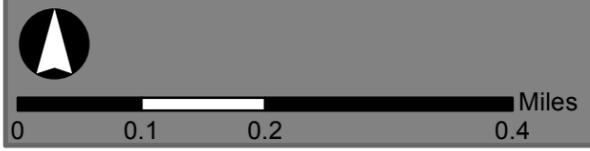
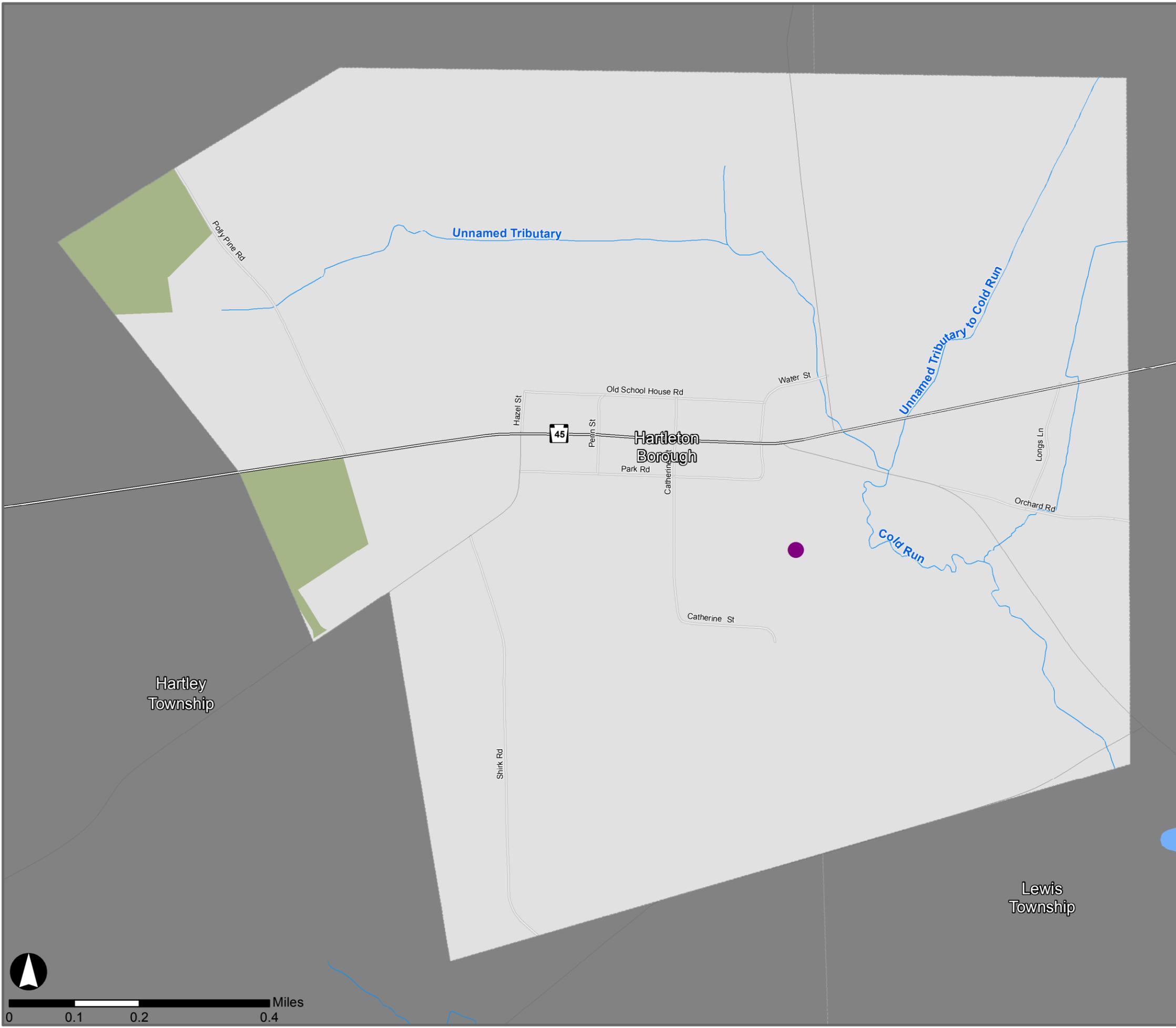
#### Critical Facilities

- Bucknell
- Community
- County
- EMS
- Fire Company
- Fire Company/EMS
- Hospital
- Hotel/Motel
- Library
- Medical Facility
- Military
- Municipal
- PennDOT
- Police
- Prison
- Public School

- Red Cross
- Retail
- Retirement Facility
- Sewer
- Utility
- Water
- Structures in SFHA

#### Flood Zones

- A
- Streams
- State Highways
- Other State Routes
- Local Roads
- Municipalities
- Counties



Source of Data: PennDOT, 2014; USGS, 2014;  
FEMA-DFIRM NFHL 2013; Union County GIS, 2014.

Map Date: 9/15/2014



# Union County Hazard Mitigation Plan Update

## Hartley Township Community Flood Vulnerability

### LEGEND

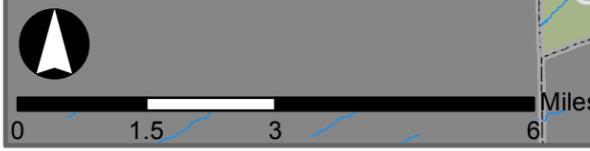
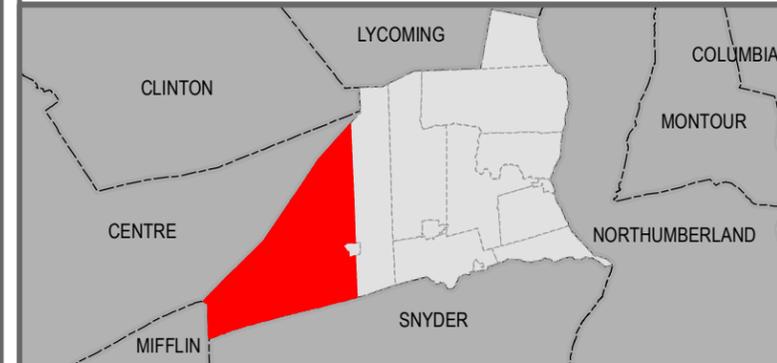
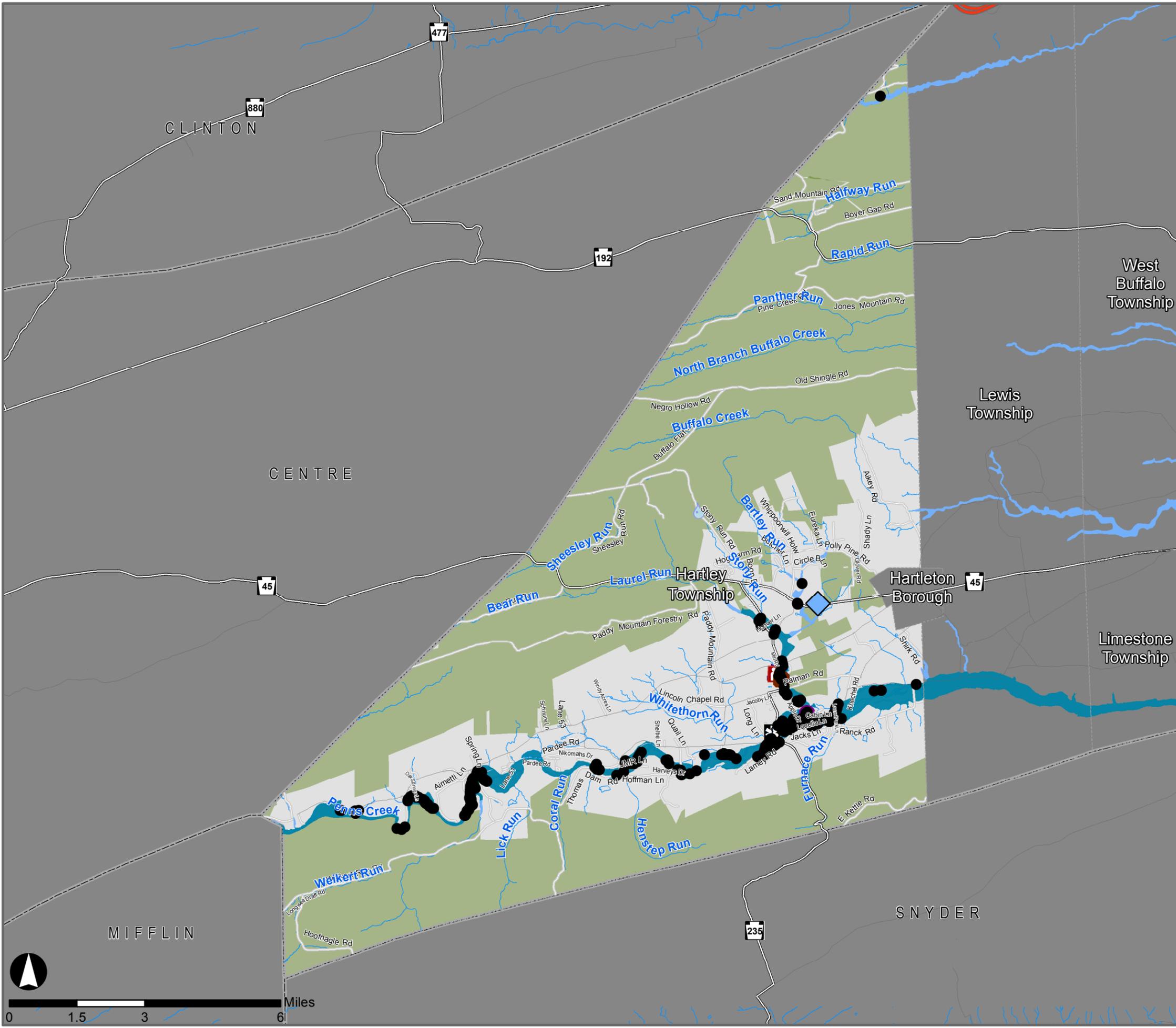
#### Critical Facilities

- Bucknell
- Community
- County
- EMS
- Fire Company
- Fire Company/EMS
- Hospital
- Hotel/Motel
- Library
- Medical Facility
- Military
- Municipal
- PennDOT
- Police
- Prison
- Public School
- Red Cross

- Retail
- Retirement Facility
- Sewer
- Utility
- Water
- Structures in SFHA

#### Flood Zones

- A
- AE
- Streams
- Interstate Highways
- State Highways
- Other State Routes
- Local Roads
- State Recreation Lands
- Municipalities
- Counties



Source of Data: PennDOT, 2014; USGS, 2014; FEMA-DFIRM NFHL 2013; Union County GIS, 2014.

Map Date: 9/15/2014



# Union County Hazard Mitigation Plan Update

## Kelly Township Community Flood Vulnerability

### LEGEND

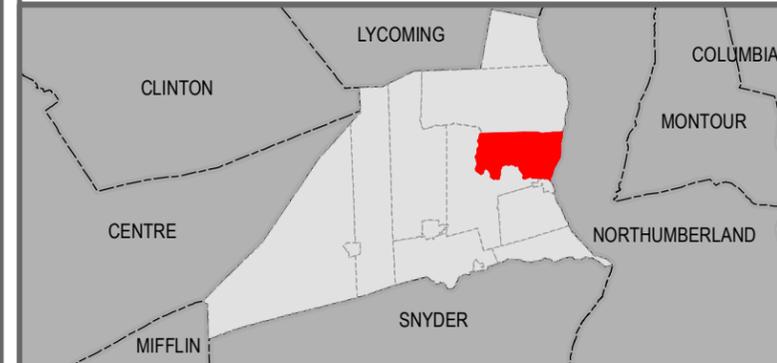
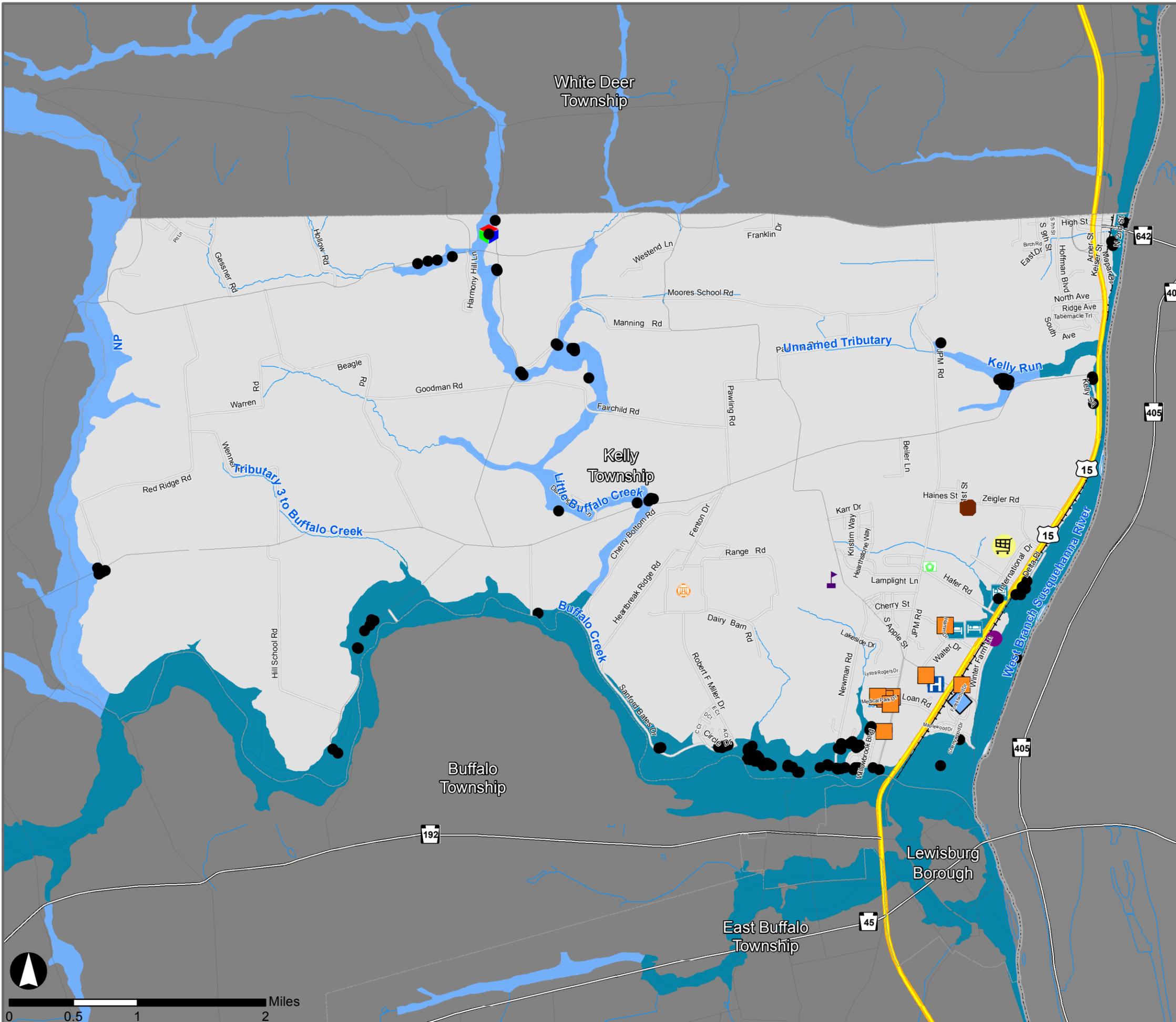
#### Critical Facilities

- Bucknell
- Community
- County
- EMS
- Fire Company
- Fire Company/EMS
- Hospital
- Hotel/Motel
- Library
- Medical Facility
- Military
- Municipal
- PennDOT
- Police
- Prison
- Public School
- Red Cross

- Retail
- Retirement Facility
- Sewer
- Utility
- Water
- Structures in SFHA

#### Flood Zones

- A
- AE
- Streams
- US Highways
- State Highways
- Other State Routes
- Local Roads
- Railroads
- Municipalities
- Counties



Source of Data: PennDOT, 2014; USGS, 2014; FEMA-DFIRM NFHL 2013; Union County GIS, 2014.

Map Date: 9/15/2014



# Union County Hazard Mitigation Plan Update

## Lewis Township Community Flood Vulnerability

### LEGEND

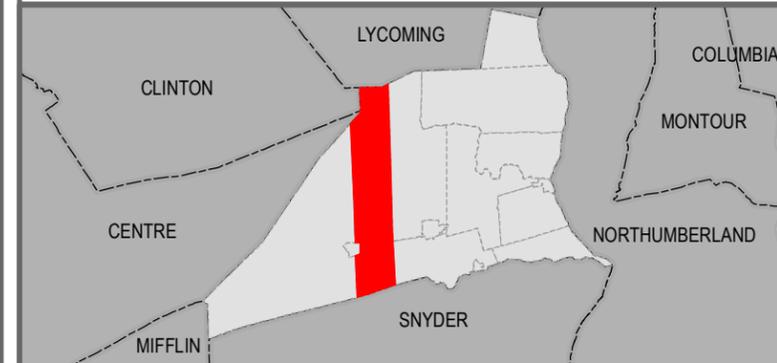
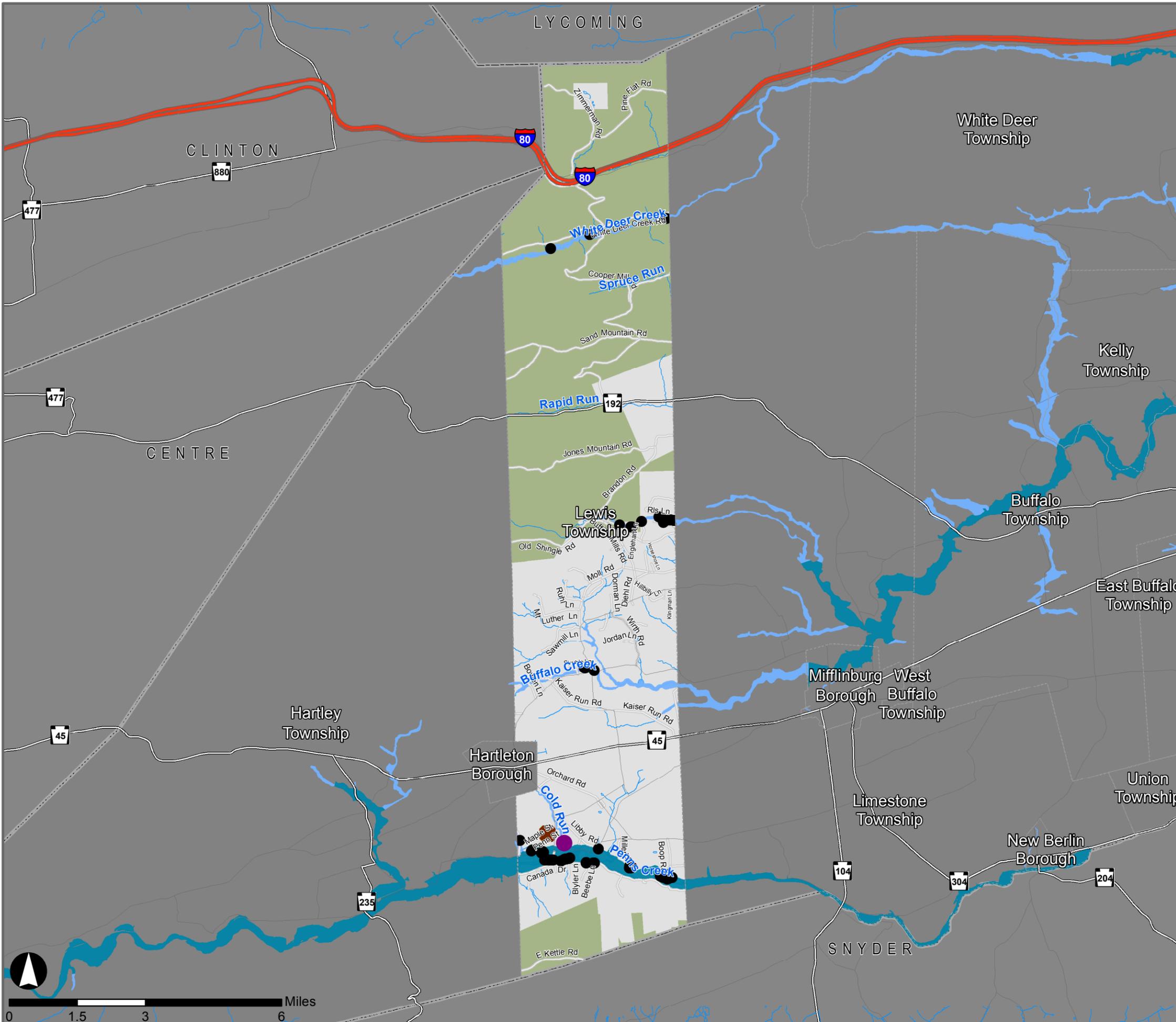
#### Critical Facilities

- Bucknell
- Community
- County
- EMS
- Fire Company
- Fire Company/EMS
- Hospital
- Hotel/Motel
- Library
- Medical Facility
- Military
- Municipal
- PennDOT
- Police
- Prison
- Public School
- Red Cross

- Retail
- Retirement Facility
- Sewer
- Utility
- Water
- Structures in SFHA

#### Flood Zones

- A
- AE
- Streams
- Interstate Highways
- State Highways
- Other State Routes
- Local Roads
- State Recreation Lands
- Municipalities
- Counties



Source of Data: PennDOT, 2014; USGS, 2014; FEMA-DFIRM NFHL 2013; Union County GIS, 2014.

# Union County Hazard Mitigation Plan Update

## Lewisburg Borough Community Flood Vulnerability

### LEGEND

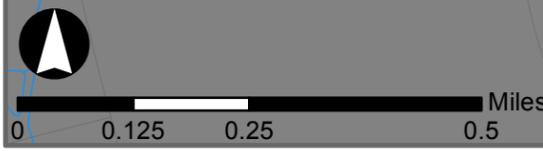
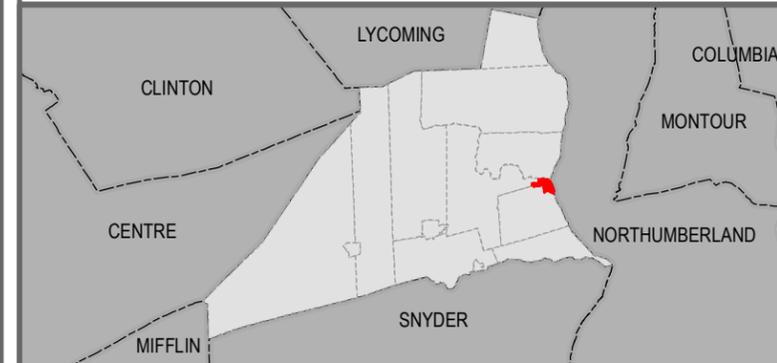
#### Critical Facilities

- Bucknell
- Community
- County
- EMS
- Fire Company
- Fire Company/EMS
- Hospital
- Hotel/Motel
- Library
- Medical Facility
- Military
- Municipal
- PennDOT
- Police
- Prison
- Public School
- Red Cross

- Retail
- Retirement Facility
- Sewer
- Utility
- Water
- Structures in SFHA

#### Flood Zones

- AE
- Streams
- US Highways
- State Highways
- Other State Routes
- Local Roads
- Railroads
- Municipalities
- Counties



Source of Data: PennDOT, 2014; USGS, 2014;  
FEMA-DFIRM NFHL 2013; Union County GIS, 2014.

Map Date: 9/15/2014



# Union County Hazard Mitigation Plan Update

## Limestone Township Community Flood Vulnerability

### LEGEND

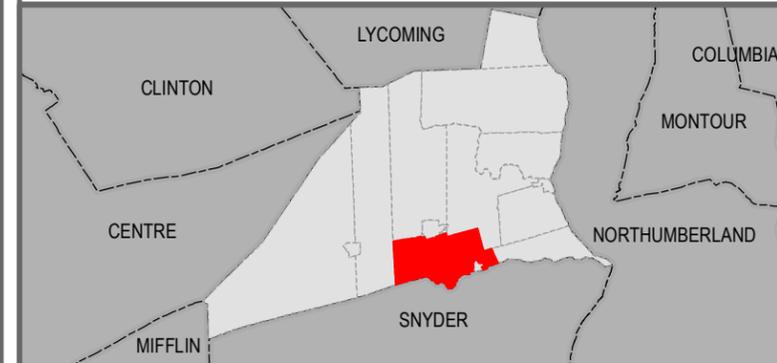
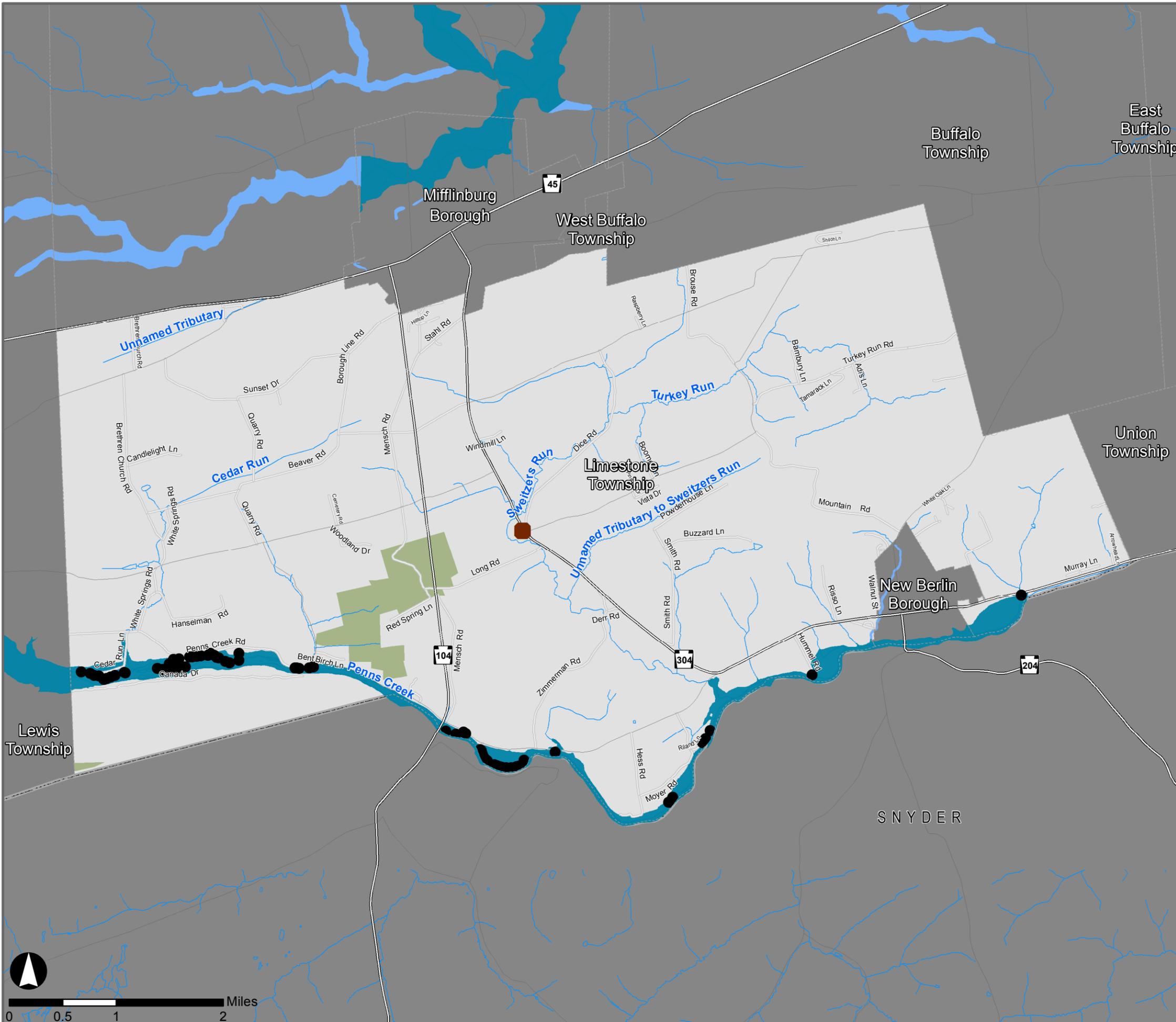
#### Critical Facilities

- Bucknell
- Community
- County
- EMS
- Fire Company
- Fire Company/EMS
- Hospital
- Hotel/Motel
- Library
- Medical Facility
- Military
- Municipal
- PennDOT
- Police
- Prison
- Public School
- Red Cross

- Retail
- Retirement Facility
- Sewer
- Utility
- Water
- Structures in SFHA

#### Flood Zones

- A
- AE
- Streams
- State Highways
- Other State Routes
- Local Roads
- State Recreation Lands
- Municipalities
- Counties



Source of Data: PennDOT, 2014; USGS, 2014;  
FEMA-DFIRM NFHL 2013; Union County GIS, 2014.

Map Date: 9/15/2014



# Union County Hazard Mitigation Plan Update

## Mifflinburg Borough Community Flood Vulnerability

### LEGEND

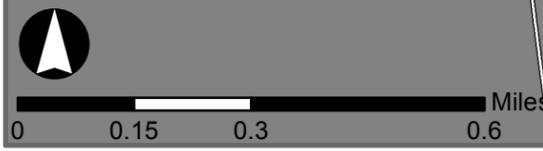
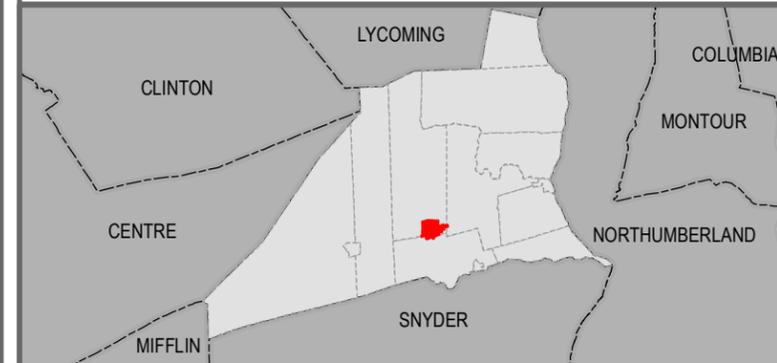
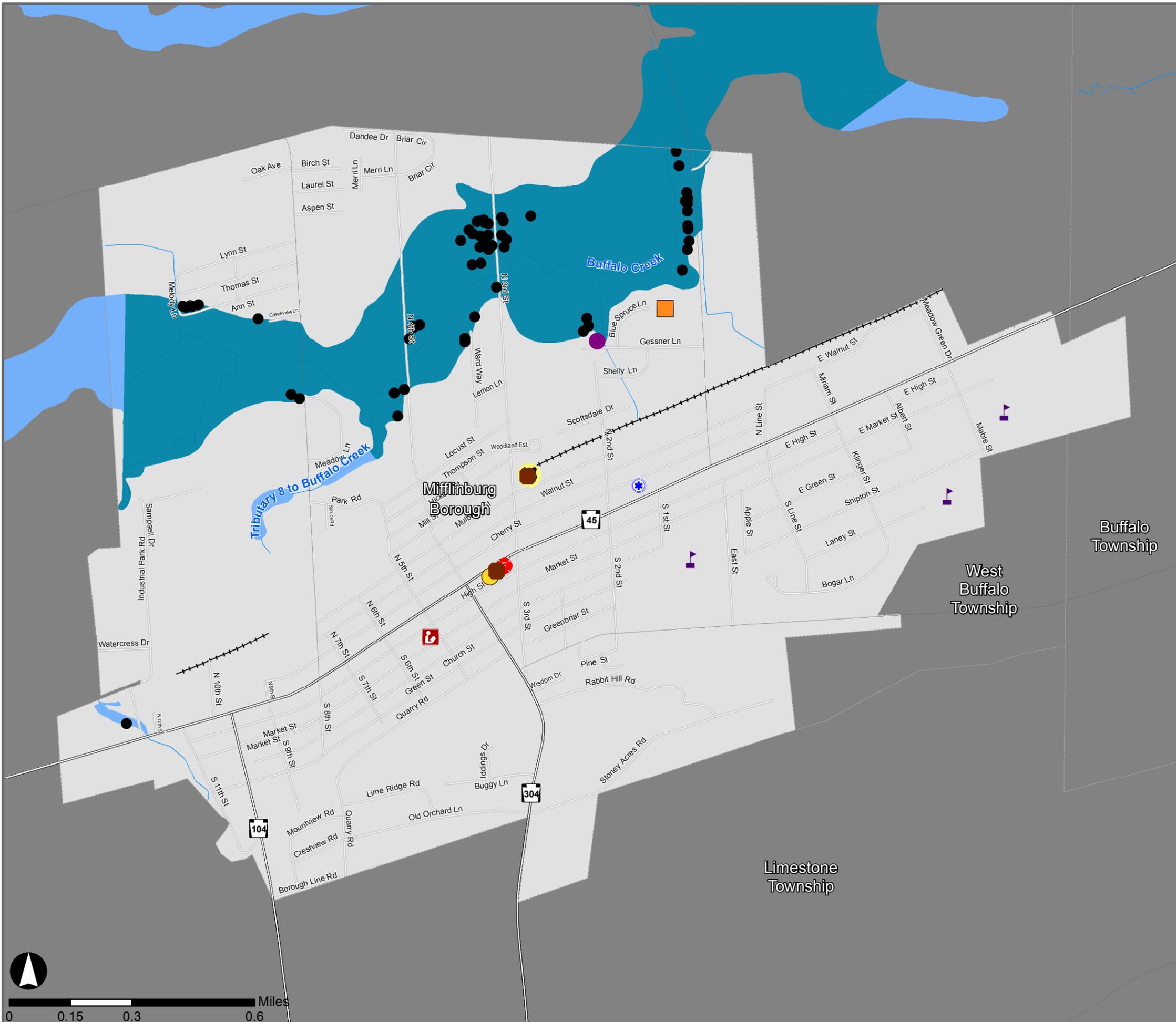
#### Critical Facilities

- Bucknell
- Community
- County
- EMS
- Fire Company
- Fire Company/EMS
- Hospital
- Hotel/Motel
- Library
- Medical Facility
- Military
- Municipal
- PennDOT
- Police
- Prison
- Public School
- Red Cross

- Retail
- Retirement Facility
- Sewer
- Utility
- Water
- Structures in SFHA

#### Flood Zones

- A
- AE
- Streams
- State Highways
- Other State Routes
- Local Roads
- Railroads
- Municipalities
- Counties



Source of Data: PennDOT, 2014; USGS, 2014;  
FEMA-DFIRM NFHL 2013; Union County GIS, 2014.

Map Date: 9/15/2014





# Union County Hazard Mitigation Plan Update

## Union Township Community Flood Vulnerability

### LEGEND

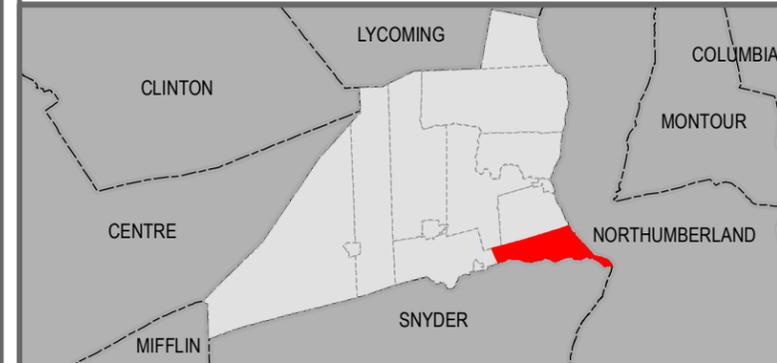
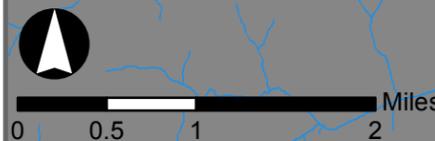
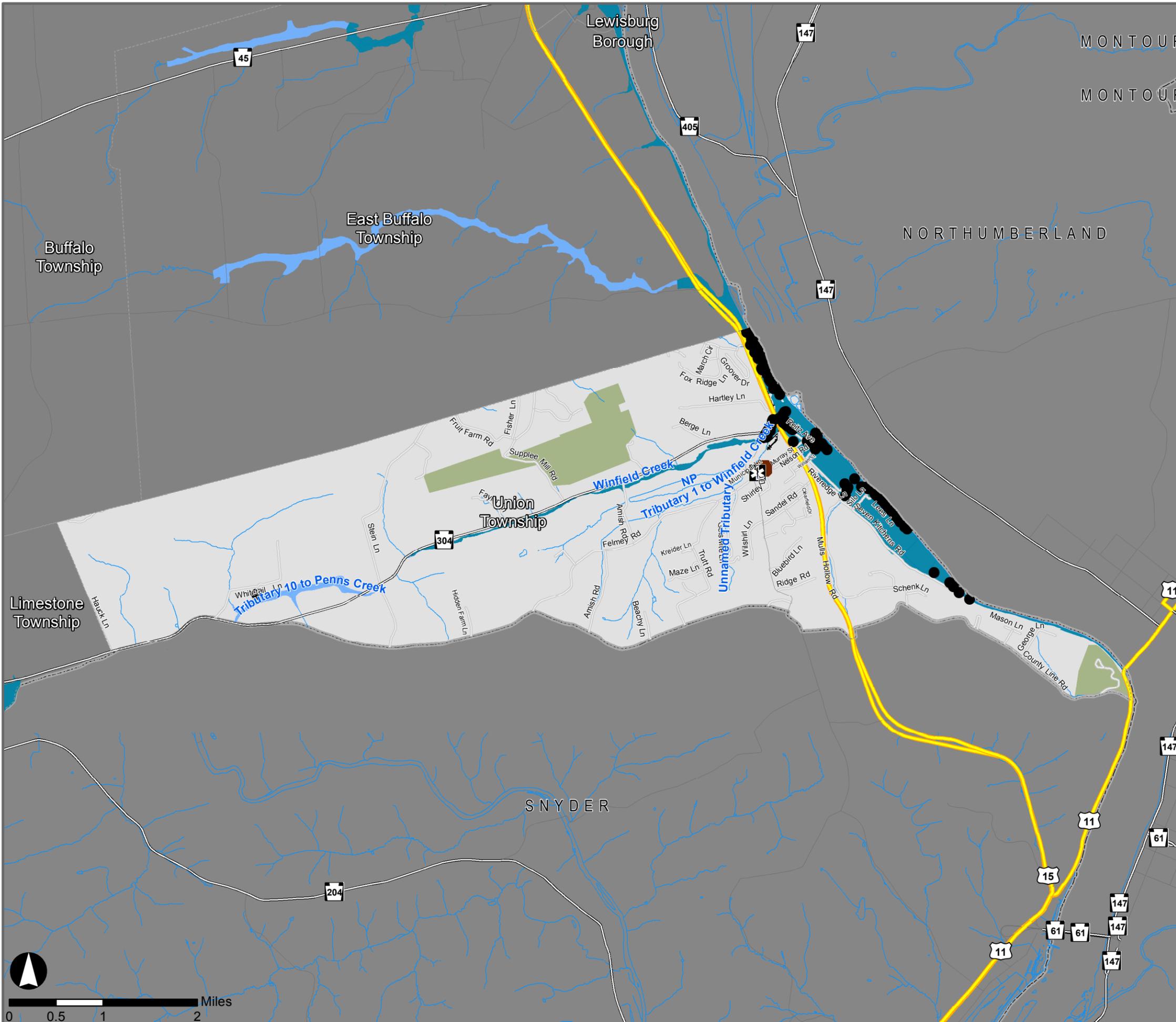
#### Critical Facilities

- Bucknell
- Community
- County
- EMS
- Fire Company
- Fire Company/EMS
- Hospital
- Hotel/Motel
- Library
- Medical Facility
- Military
- Municipal
- PennDOT
- Police
- Prison
- Public School
- Red Cross

- Retail
- Retirement Facility
- Sewer
- Utility
- Water
- Structures in SFHA

#### Flood Zones

- A
- AE
- Streams
- US Highways
- State Highways
- Other State Routes
- Local Roads
- Railroads
- Municipalities
- Counties



Source of Data: PennDOT, 2014; USGS, 2014; FEMA-DFIRM NFHL 2013; Union County GIS, 2014.

Map Date: 9/15/2014

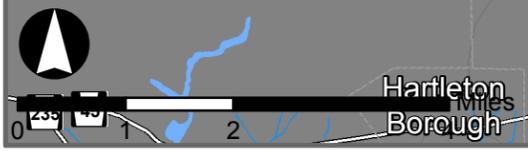
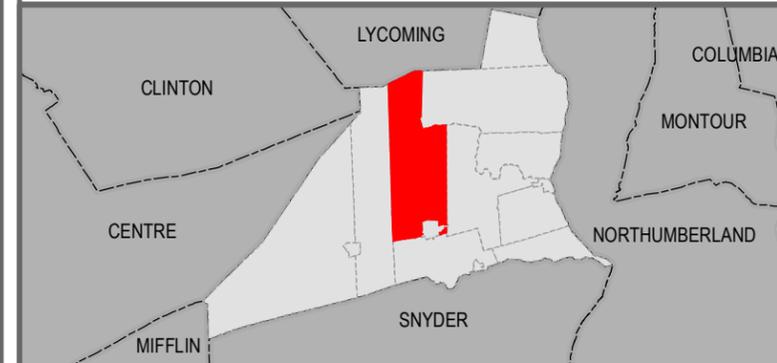
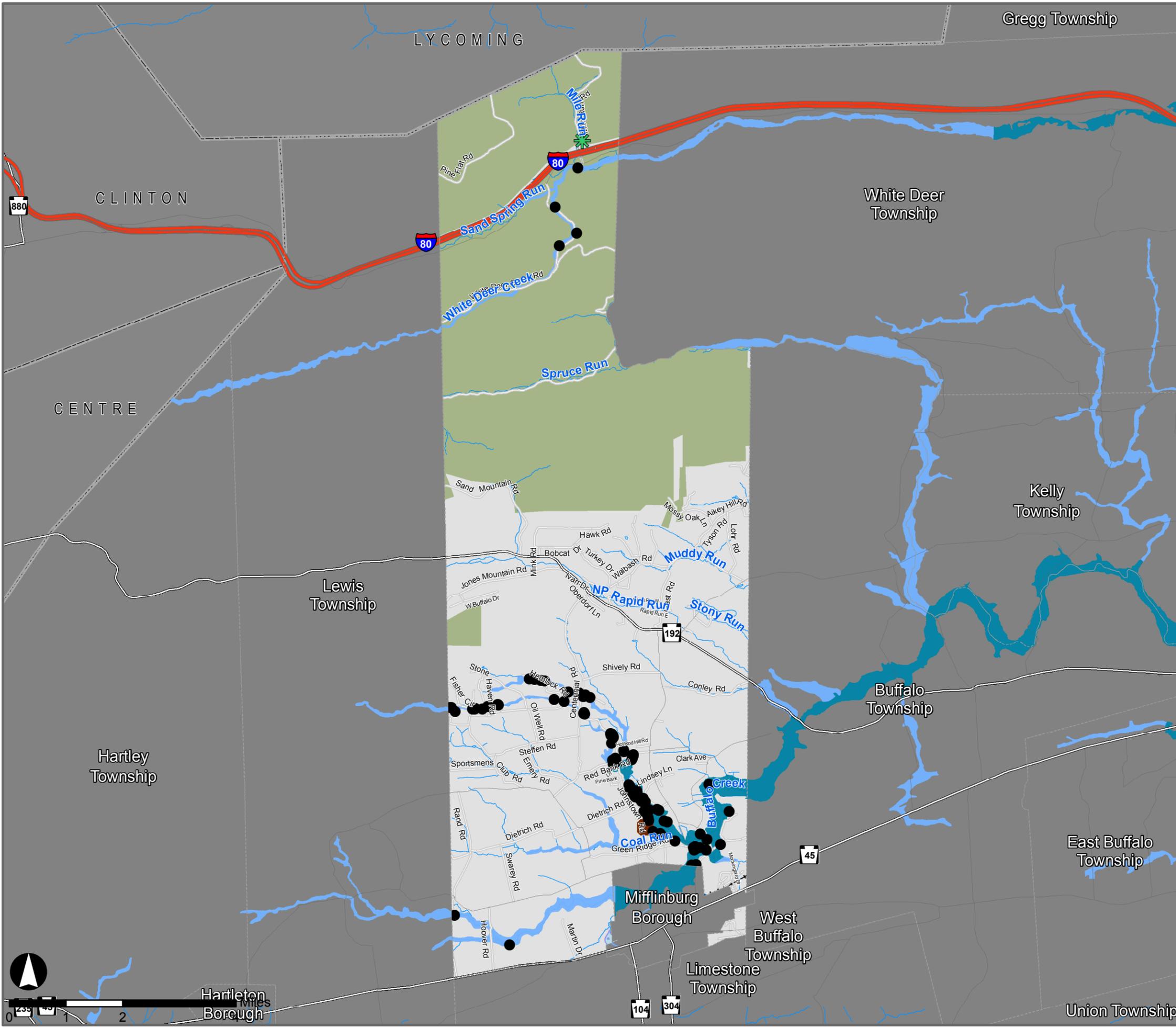


# Union County Hazard Mitigation Plan Update

## West Buffalo Township Community Flood Vulnerability

### LEGEND

- |                            |                        |                     |
|----------------------------|------------------------|---------------------|
| <b>Critical Facilities</b> |                        | Retirement Facility |
| Bucknell                   | Sewer                  | Utility             |
| Community                  | Water                  | Structures in SFHA  |
| County                     | <b>Flood Zones</b>     |                     |
| EMS                        | A                      | Streams             |
| Fire Company               | AE                     | Interstate Highways |
| Fire Company/EMS           | State Highways         | Other State Routes  |
| Hospital                   | Local Roads            | Railroads           |
| Hotel/Motel                | State Recreation Lands | Municipalities      |
| Library                    | Counties               |                     |
| Medical Facility           |                        |                     |
| Military                   |                        |                     |
| Municipal                  |                        |                     |
| PennDOT                    |                        |                     |
| Police                     |                        |                     |
| Prison                     |                        |                     |
| Public School              |                        |                     |
| Red Cross                  |                        |                     |
| Retail                     |                        |                     |



Source of Data: PennDOT, 2014; USGS, 2014; FEMA-DFIRM NFHL 2013; Union County GIS, 2014.  
Map Date: 9/15/2014

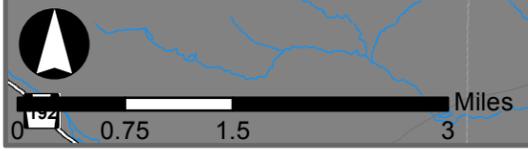
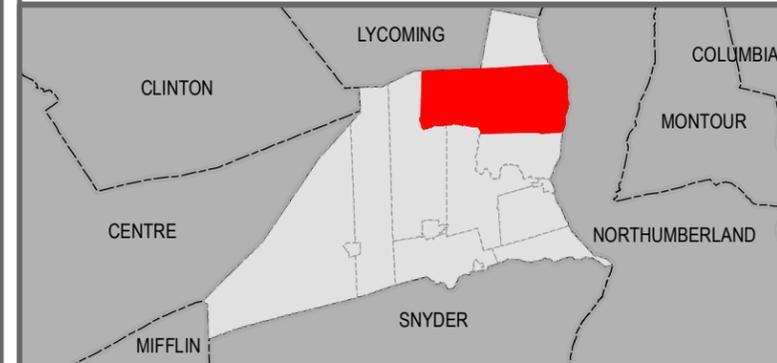
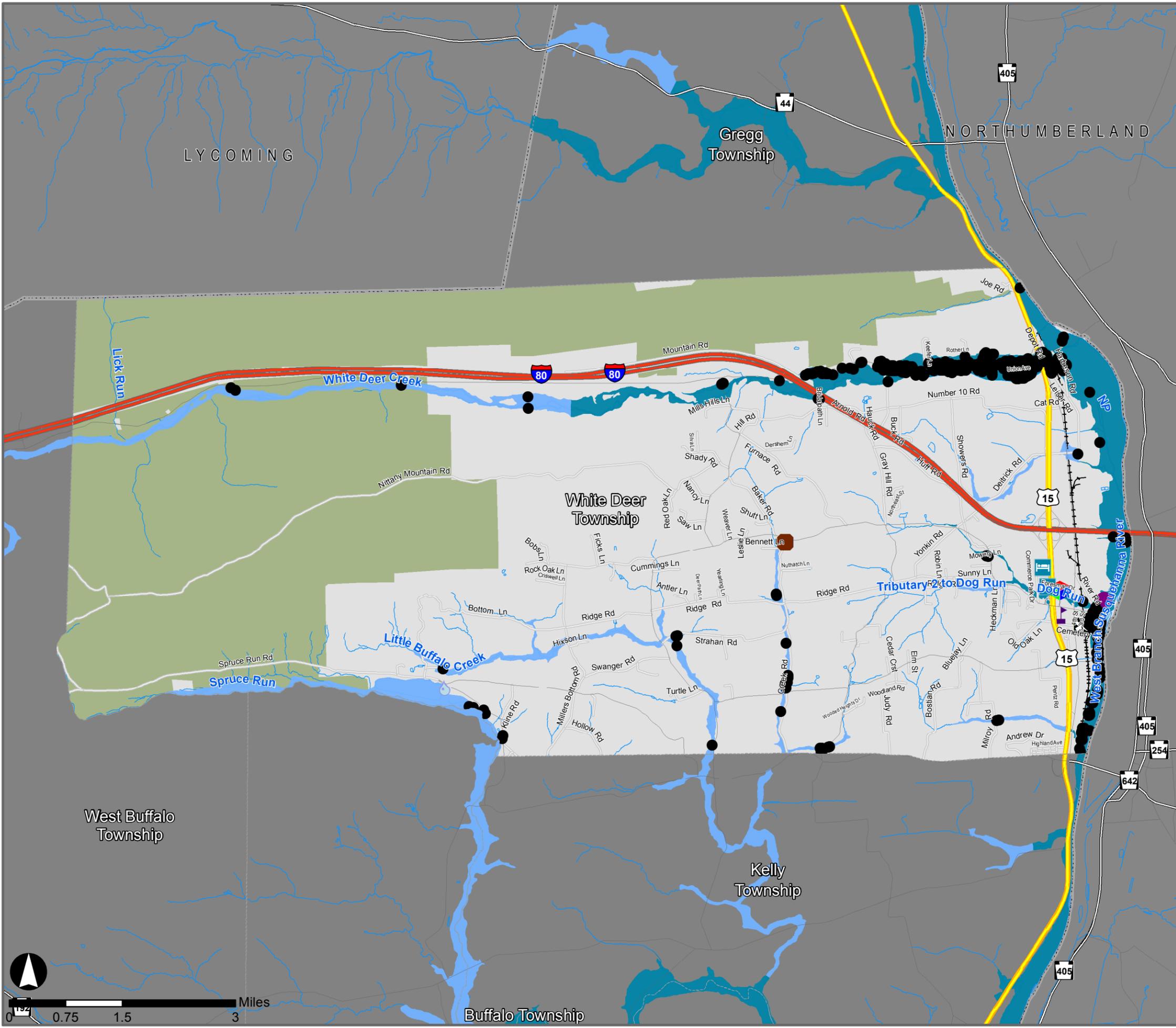
pennsylvania  
EMERGENCY MANAGEMENT AGENCY

# Union County Hazard Mitigation Plan Update

## White Deer Township Community Flood Vulnerability

### LEGEND

- |                            |                    |                          |
|----------------------------|--------------------|--------------------------|
| <b>Critical Facilities</b> |                    | ◆ Retirement Facility    |
| ● Bucknell                 | ● Community        | ● Sewer                  |
| ● County                   | ● EMS              | ⊗ Utility                |
| ● Fire Company             | ● Fire Company/EMS | ● Water                  |
| ● Hospital                 | ● Hotel/Motel      | ● Structures in SFHA     |
| ● Library                  | ● Medical Facility | <b>Flood Zones</b>       |
| ● Military                 | ● Municipal        | ■ A                      |
| ● PennDOT                  | ● Police           | ■ AE                     |
| ● Prison                   | ● Public School    | ~ Streams                |
| ● Red Cross                | ● Retail           | — Interstate Highways    |
|                            |                    | — US Highways            |
|                            |                    | — State Highways         |
|                            |                    | — Other State Routes     |
|                            |                    | — Local Roads            |
|                            |                    | — Railroads              |
|                            |                    | ■ State Recreation Lands |
|                            |                    | ⊞ Municipalities         |
|                            |                    | ⊞ Counties               |



Source of Data: PennDOT, 2014; USGS, 2014; FEMA-DFIRM NFHL 2013; Union County GIS, 2014.

Map Date: 9/15/2014

