The Greater Muncy Resiliency Plan

MUNCY AREA, LYCOMING COUNTY, PENNSYLVANIA
Building Resilient States: Profiles in Action

- Colorado
- Oregon
- Connecticut
- New Hampshire
- Ohio
- New York
- Florida
- North Carolina
- Louisiana
- Vermont
- California
“Flooding are acts of Nature; but flood losses are largely acts of man.”

Dr. Gilbert White, Father of Floodplain Management
41%

Residential and Commercial Structures in Floodplain
Commercial & Residential Structures in Floodplain

- Res. No Basement: 37
- Res. w/Basement: 396
- Commercial: 97
- Repetitive Loss Area: [Map Area]
40% Residences built prior to 1905
80% Residences built prior to 1980
Residential Structures – Year Built

- Prior to 1905
- Prior to 1980
- Historic District
13 Historic Sites in Floodplain
Flooding Consequences

Home Value

Tax Base

Neighborhood Synergy

Insurance Affordability

Health
Main Street, USA - Disney
Deep Flooding
Low Flooding
Local Advisory Committee
Free Student Work
FIELD SURVEYS

Bridge Survey and Channel Survey
Building Survey

Borough of Muncy
Surveyed Points of Residences in the 500 Year Flood Plain
Stormwater Infrastructure Survey

Borough of Muncy

Stormwater Features and Pipes
Stormwater Infrastructure Survey

Greater Muncy Area Drainage by Watershed

- Muncy Creek - 6%
- Susquehanna River - 29%
- Glade Run - 65%
Stormwater Infrastructure Survey

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Muncy Creek
Susquehanna River
Glade Run
Resilience Goals

- **Housing**: property acquisition, back-filling, elevations, neighborhood development
- **Economics**: marketing & tourism, with support industries (hotel, restaurant, etc.)
- **Infrastructure**: green infrastructure, infrastructure repairs/improvements
- **Health**: Improve quality of living through outdoor recreational activities
- **Cultural Resources**: preserve/protect historic structures
- **Natural Resources**: riparian/flood zone restoration, habitats, etc.
Resilience Goals

- Establish a cooperative framework of communication, awareness, and coordination
- Strategically return underutilized sites to productive/beneficial uses
- Create downtown anchors, draws and improved synergies between businesses and uses
- Strengthen sense of place and community cohesion through active public spaces, improved pedestrian amenities, and community gateways that reflect local values and community character
- Provide high quality and reliable services and infrastructure that increase public safety, protect quality of life and encourage economic development
- Enhance access to, functionality of, and connections between recreation assets
- Reduce runoff and improve the management of stormwater through a combination of traditional infrastructure, green infrastructure and policy solutions
- Reduce public safety and financial risks associated with riverine flooding
Downspouts running into the street
Water ponding and freezing in winter
**Water moves fast with no infiltration**
Need to keep water away from foundations and direct it to hardscape
Nowhere to take trimmings from shrubs, bushes, etc. – Need a mulch/compost site
Glade run streambank instability
Upstream improvements to Glade Run
Move athletic fields to northern part of town and provide incentives for housing at current athletic fields
Concerns about maintenance and cost-effectiveness of public green infrastructure
Incentives for private green infrastructure
Flood and flood insurance concerns

Redevelop old buildings for housing (e.g., Andritz)

Difficult for some young families to be able to buy homes in the Borough

• Expensive
  Some have to wait a long time for a house to be available

Many older people stay in their homes b/c there are no good options for them to move into locally. This makes the options more scarce for younger families.

Need for senior housing (not just highrise)

Accessibility improvements/Elevators would allow seniors to live in old buildings downtown

Opportunity for mixed use housing downtown (apartments over commercial)

Need additional options such as downtown apartments/studios and housing near open space

Deterioration of housing in historic district
Sidewalks are missing, broken and too narrow
People walk in the streets in Muncy
Need better placemaking elements (lighting, planters, benches)
Re-open the boat launch
Need more events, a dedicated space for events and better communications
People like the 4thFriday event and corvette show – want more!
Outdoor concerts/movies
Billboards/signs advertising events
Need a community center
Need more/better public and green spaces
Bicycle and trail improvements
Historic building improvements
Patchwork Quilt Approach to Funding