

## Upper Guyandotte River Watershed

### Introduction

The watershed is 231,516 acres (362 square miles) in size located in Wyoming county. Residents in the Upper Guyandotte River watershed experience repetitive flooding because of the steep topography, rapid runoff, narrow floodplains, and concentrated development in the valleys. Dams, floodwalls, stream realignment, dikes, and other structural options are not feasible. A voluntary floodplain buyout is the recommended alternative.



### Watershed Project Information

The community of Matheny is a priority area for the voluntary floodplain buyout.

The purpose of this project is flood prevention and flood damage reduction. The goal is to remove at least 30 properties through voluntary participation. The scope of the project is small to minimize social impacts to the communities and fiscal impacts to the Local Sponsor.

**USDA is the lead federal agency**

Total Project Cost \$4,050,800  
\$4,050,000 Federal / \$13,300 Nonfederal

### Sponsors

#### SPONSORING LOCAL ORGANIZATION:

Wyoming County Commission

#### SPONSORED AND PREPARED BY:

Land Use and Sustainable Development Law  
Clinic, West Virginia University College of Law

### Resource Concerns

The topography in the watershed consists of steep mountains with narrow ridgetops and deep valleys which are prone to destructive flooding. Other concerns in the watershed include health and safety of people, water quality, watershed resiliency, riparian and stream habitat damage, social and economic sustainability, cultural resources, and environmental justice.

### Benefits

- Reduced flooding to homes
- Reduced flood debris and cleanup costs
- Improved water quality and reduced fecal coliform pollution
- Improved safety for residents
- Reduced emergency services needs
- Improved potential for recreational use
- Improved stream habitat and watershed resiliency.

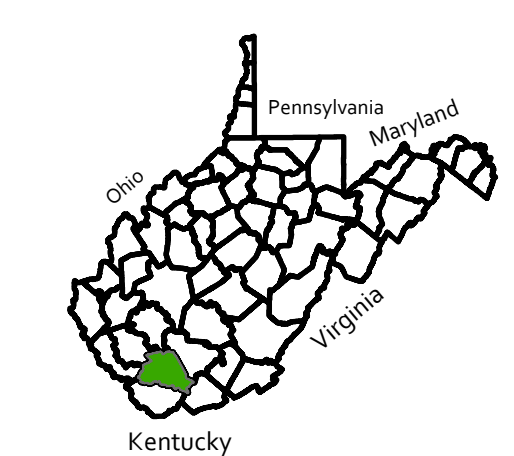


### Timeline

**Planning: 2018 through 2023**

**Application Phase: 2024**

**Acquisition and Demolition: 2025**



# Upper Guyandotte - Clear Fork and Pinnacle Creek Watersheds Wyoming County West Virginia

- ★ Towns
- Wyoming County
- Raleigh County
- HUC 10 Watersheds
- HU\_10\_NAME
- Clear Fork
- Pinnacle Creek-Guyandotte River
- HUC 12 Boundaries

0 3 6 12 18 24 Miles