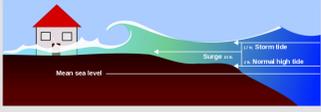


# Flood Risk Map: Watershed USA

## NEW COASTAL HAZARDS



This highlighted area represents new SFHA mapping based on updated coastal surge floodplain modeling.

## BIG LAKE DAM



The Big Lake Dam, an unregulated structure located along Tributary A, causes upstream backwater during flood events more frequent than the 1% annual chance of occurrence. During large flood events, portions of River Road are un-passable and several homes receive flooded yards and basements.

## FLOODVILLE LEVEE (ACCREDITED)



New Special Flood Hazard Area (SFHA) mapping around Floodville includes the impact of the Floodville Levee.

## OTHER FLOOD RISK AREAS



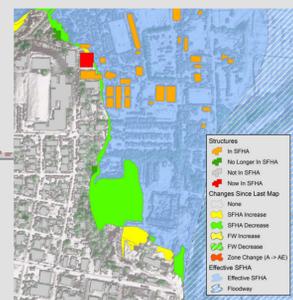
In the outskirts of Drytown in County A, there are two areas where large scale residential development has occurred since the last Flood Insurance Study in 1983. Most of the development occurred before the implementation of stormwater best management practices and stormwater management planning was regulated. Although this area is not part of the re-studied areas for this project, community officials say that it is likely that peak-flows during storm events may be higher and occur faster as a result.

## STREAM FLOW CONSTRICTION

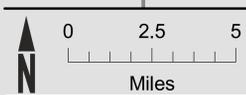
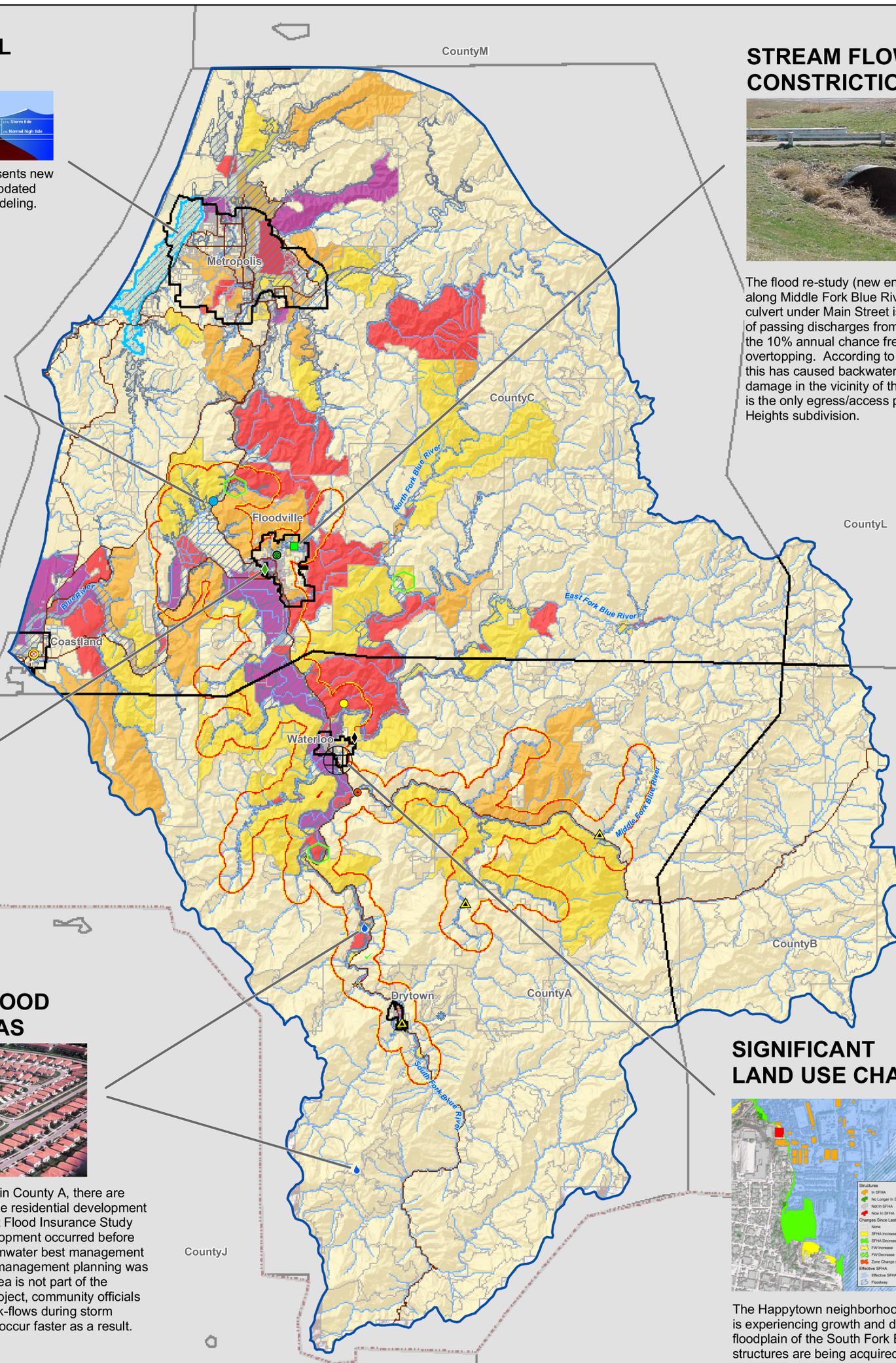


The flood re-study (new engineering) performed along Middle Fork Blue River indicates that the culvert under Main Street is no longer capable of passing discharges from events greater than the 10% annual chance frequency without overtopping. According to community officials, this has caused backwater flooding and roadway damage in the vicinity of the culvert. Main Street is the only egress/access point for the Great Heights subdivision.

## SIGNIFICANT LAND USE CHANGE



The Happytown neighborhood along South Main Street is experiencing growth and development within the floodplain of the South Fork Blue River. Smaller structures are being acquired, raised and replaced with NFIP minimum standard-compliant buildings. This is a key economic development initiative outlined in Waterloo's Master Plan. As described within the city's Master Plan, flood storage in this area may be lost and flows potentially increased due to increased impervious surfaces, potentially exacerbating downstream flooding.



### MAP SYMBOLOGY

Base Data	Flood Data	Flood Risk	Areas of Mitigation Interest
Corporate Limits	Rivers and Streams	Very Low	Accredited Levees
Major Roads	Restudy Area	Low	Non-Accredited Levees
Watershed Boundary	New SFHA	Medium	Dams
State Boundary	Coastal Surge Influenced Area*	High	Coastal Structures
		Very High	Stream Flow Constrictions
			Past Claims Hot Spot
			Key Emergency Routes
			Overtopped During Frequent Flooding Events
			At-Risk Essential Facilities
			Individual Assistance (IA) & Public Assistance (PA) Data
			Significant Land Use Changes (within the past 5 years and looking forward 5 years)
			Areas of Significant Riverine or Coastal Erosion
			Non-Levee Embankments
			Other Flood Risk Areas
			Areas of Mitigation Success
			Other

### WATERSHED LOCATOR



### Risk Mapping, Assessment, and Planning (Risk MAP)

FRM FLOOD RISK MAP  
WATERSHED USA



**FEMA**

HUC-8 Code  
25650458

For more information of data used for this non-regulatory map, please consult the Watershed USA Flood Risk Database and Flood Risk Report.

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01/01/2010