

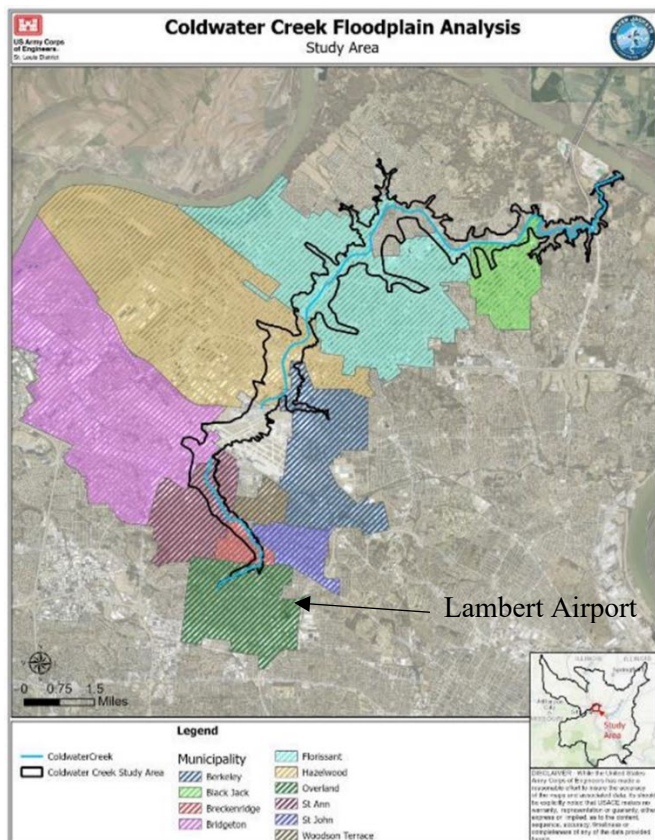


**US Army Corps  
of Engineers®**  
St. Louis District

# Information Paper

## Coldwater Creek Flood Risk & Mitigation Analysis

### Investigations (Flood Risk Management) – Interagency Nonstructural / Silver Jackets



#### Contact

Abby Hoyt, Project Manager  
(314) 331-8003  
[abigail.c.hoyt@usace.army.mil](mailto:abigail.c.hoyt@usace.army.mil)

#### Location

This project evaluates the Coldwater Creek watershed, with emphasis on flood prone sections of intensely urban watersheds within ten communities of Berkley, Black Jack, Breckenridge, Bridgeton, Florissant, Hazelwood, Overland, St. Ann, St. John and Woodson Terrace.

#### Description

Increased frequency and intensity of severe weather has increased flood risk with documented flood damages occurring in the watershed 16 times between 1957 to 2022. The July 2022 mid-summer flood occurred during a time of drought resulting in Presidential Disaster Declaration DR-4665-MO. St. Louis District assembled a multi-disciplinary team to coordinate with interagency partners on the identification of specific mitigation actions and measures to effectively reduce future flood damages in this vulnerable area.

#### Status

Project is currently undergoing final reviews. Once completed, report will be signed, and project will be closed out.

#### Importance

The objective of this study was to: assess areas of repetitive flooding; locate individual or clusters of flood prone structures; determine which structures incur the most frequent or severe losses; evaluate mitigation measures; and assist in prioritizing mitigation projects for the purpose of reducing flood risk and increasing community resiliency. Although presently unsigned, the report analyzed several flood prone structures in the cities listed above and made recommendations for non-structural adaptations to residential and non-residential structures. Study recommended 369 structures for wet floodproofing, 118 structures for dry floodproofing, and elevating 99 structures.

#### Authority

U.S. Army Corps of Engineers (USACE) Interagency Nonstructural / Silver Jackets (SJ), Section 206 of the Flood Control Act of 1960, as amended (33 U.S. Code § 709a).

#### Schedule

- District Receipt of Funds: October 2023
- Draft Flood Risk and Mitigation Analysis Report: October 2024
- Report Approval: February/March 2025

#### Activities for FY25

- Finalize the report.
- Report approval.
- Partner meeting.

#### Activities after FY25

Project Closeout activities.

#### Project Partners

Federal Emergency Management Agency (FEMA), Missouri State Emergency Management Agency (SEMA), Metropolitan St. Louis Sewer District (MSD), St. Louis County, East-West Gateway Council of Governments, U.S. Economic Development Administration and communities listed in the study location.

#### Congressional Interest

Senate: Hawley (MO) and Schmitt (MO)  
House: Bell (MO-1)

#### Financial

Estimated Federal cost: \$150,000  
Estimated non-Federal cost: \$0  
Total estimated cost: \$150,000

Total Federal funding to date: \$150,000