



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

Section 101(a) (17) of the Water Resources Development Act of 1990 (Public Law 101-640)

# Project Fact Sheet

## River Des Peres, MO

### Investigations (FRM)

**Location:** The project area is located along the upper River des Peres in the community of University City, St. Louis County, Missouri.

**Description:** A Chiefs Report was signed in 1989 and the project authorized for construction in 1990. The authorized plan involved a structural flood risk management solution of widening and stabilizing 2.53 miles of the upper River des Peres channel. In June 2004, a Design Agreement was executed for preconstruction engineering and design phase. Updates to the hydraulic model and a Value Engineering Study in 2009 revealed that the authorized plan would induce flooding downstream. The VE study also revealed that a non-structural flood risk management solution should be further evaluated. A nonstructural plan involving buyouts in the 5-year floodplain has been preliminarily identified and is supported by Congressional and community leaders, including residents. An economic evaluation in 2013 revealed that a buyout of the residence in the 5-year floodplain has a positive benefit to cost ratio.

**Issues:** A structural approach within the authorized project area will induce downstream flooding. A reevaluation focuses on a nonstructural plan with residential buyouts. Depending on the recommendation of the General Re-evaluation Report (GRR), the project may need to be reauthorized by Congress before it can proceed with design and construction.

**Importance:** A September 2008 flood event resulted in two deaths and devastating flood damages. This flood event has acted as a catalyst for the development of a flood risk management strategy by the sponsor, the USACE and the communities that leverages resources to minimize flood risk.

**Risk:** Frequent flooding continues to threaten lives and property with the most recent event occurring in University City in September 2014 and resulted in mandatory evacuations.

**Consequence:** 90 single family and 4 multi-family residential homes are under frequent threat of flood risk. This threat not only exists to the structures but also to the families that occupy these homes.



Mandatory evacuation June 2013.

**Activities for FY 16:** Congressional Committee Notification Package being routed for coordination of sponsor contributed funds offer.

**Acquisition Strategy:** No contracts are scheduled for award in the current fiscal year.

**Amount That Could Be Used in FY 17:** \$200,000 could be used to initiate single phase GRR achieve vertical team concurrence and the Alternatives Milestone.

**Project Sponsor/Customer:** City of University City and Metropolitan St. Louis Sewer District

**Congressional Interest:** Senate: Blunt (MO), McCaskill (MO) House: Clay (MO-1)

Phase	FY 16 Allocation	FY 17 Budget	FY 17 Total Capability
Investigations	\$0	\$0	\$200,000

# University City – Upper River Des Peres Segment



Areas impacted by 5-, 10-, 25-, and 100-year flood events in University City, Missouri.