



INFORMATION SHEET

As of August 2013

AUTHORIZATION: This General Investigations (G.I.) Flood Risk Management and Ecosystem Restoration Feasibility Study was authorized by House Committee on Transportation and Infrastructure adopted 14 September, 1995. The G.I. Program establishes a process by which the U.S. Army Corps of Engineers (USACE) can help a community solve a water resource problem. The USACE jointly conducts the feasibility study and, if a project is shown to be feasible and Congress provides further authorization, constructs a project. Local sponsors share the study and construction costs with the USACE, and usually pay for all operation and maintenance costs.

LOCATION: Mill Creek drains southeastern Davidson County and northeastern Williamson County. It originates two miles south of Nolensville and flows northward to its confluence with the Cumberland River in Nashville. The watershed is 108 square miles with 72 in Davidson County and 36 in Williamson County.

NON-FEDERAL SPONSOR: Nashville; Metro Water Services

STUDY BACKGROUND: The FCSA for the GI study was originally signed in 2003 and neared final report/recommended plan in 2009. The May 2010 flood event interrupted what had been a study with an ecosystem restoration focus, and the study was re-initiated in February 2013 with a focus on flood risk management. A path forward will be determined by the results of this updated alternative analysis (due in September 2013), pulling from prior Mill analysis as well as the Metro Unified Flood Preparedness Plan (UFPP) completed in January 2013.

IMPORTANCE: Mill Creek was severely flooded during the record May 2010 flood events. Interstate 24 was flooded and shut down when Mill Creek overtopped in this event, and hundreds of homes and businesses were left damaged in the wake of the flood in addition to two flood related fatalities. The multicultural makeup of the residents of the Mill Creek floodplain make evacuation and warning one of the most challenging in the city. Mill Creek also has over 16 of its 20 miles listed as impaired by the state, and is home to the federally endangered Nashville Crayfish

SCHEDULE AND BUDGET: Currently, the feasibility study has been re-scoped to be completed in December 2014, with a focus on Flood Risk Management. The agreement has been updated and work has begun. The rescoped study is estimated to cost \$500k to complete.

NEXT STEPS: The project is scheduled to be complete by December 2014. If a cost effective, environmentally sound plan is found, the Corps may also share in design and construction costs.

WEB ADDRESS:

<http://www.lrn.usace.army.mil/Missions/CurrentProjects/Investigation/MillCreekFloodRiskManagementStudy.aspx>

For more information regarding the Mill Creek Watershed Study, contact Amanda Burt, CELRN-PM-P, phone: (615) 736-7851, email: Amanda.L.Burt@usace.army.mil.



I-24 West of Bell Road, May 2010



Nolensville Publix, May 2010



Wimpole Drive, September 1979