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US Army Corps Sacramento District - Lower American River levee section pilot study results

ABSTRACT

Following Hurricane Katrina, the US Army Corps of Engineers took measures to improve the nation's inspection program for all federal and non-federal flood damage reduction projects in the Corps' inventory. As part of this effort, the Corps began using consistent national inspection ratings and standards checklists for both federal and non-federal projects. The Sacramento District in partnership with DWR conducted a pilot inspection of the Lower American River levee from Watt Avenue to the Mayhew drain using the standardized ratings and checklist. The intent of the pilot inspection was to understand the efforts that would be involved in similar levee inspections using the standardized inspection process as well as identifying any common deficiencies that may be found throughout the system. The results of that inspection and challenges that are likely to be encountered in correcting these deficiencies will be discussed.

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Mrs. Meegan Nagy currently serves as the Emergency Manager for the Sacramento District of the U.S. Army Corps of Engineers. Her responsibilities as Emergency Manager include managing preparedness activities, flood response efforts, the non-federal levee inspection program and the PL 84-99 rehabilitation assistance program for non-federal and federal flood damage reduction systems in an eight state area. Meegan managed the response and recovery efforts for the 2005/2006 flood events in the Central Valley. She deployed in response to hurricanes Katrina and Rita in Louisiana to lead the multi-billion dollar Corps response efforts in the state.

Recently, Meegan began leading the inspections for all federal flood damage reduction projects. In addition, she has been an active participant in the Interagency Collaborative group focusing on vegetation specific issues in the Central Valley. She has been selected to participate on a national Corps team to establish policies and procedures of the newly formed Levee Safety Program.

Meegan started her career with the Pittsburgh District of the U.S. Army Corps of Engineers in 1995. She graduated with a Bachelor's of Science Degree in Civil Engineering from the University of Pittsburgh in 1996; and, she is a licensed Professional Civil Engineer in the State of California.