

COMMITTEE CHAIR DAVID PAUL, P.E.

Seepage Control Working Group



The Seepage Control Working Group was formed after the DFI/USACE Seepage Workshop held in December of 2011. This workshop was attended by representatives from industry and various USACE Districts around the country. Since then, the USACE has completed its inventory and initial assessment of over 15,000 miles of Federal levees. Similar to the dam inventory, about 75% of the actionable failure modes are seepage related. Based on this effort, USACE has started the planning and design phases for many levees across the country. A significant area of focus is the various levee systems in California. The USACE Sacramento District is leading this effort and is involved with the planning and design of many projects involving seepage barriers. DFI and USACE are planning a second Seepage Control Workshop to be held August 16-18, 2016, in Sacramento, Calif. It will follow a similar agenda as the previous Workshop, but focus more on design and quality control/quality assurance for the various mixing technologies. Visit the Working Group webpage at www.dfi.org for details.

The USACE Risk Management Center (RMC) is renewing the effort to complete the new *Engineering Manual – Seepage Control Barriers for Dams and Levees*. Progress on the document slowed over the last year due to workload and reduced funding. USACE is making significant revisions and updating several of the chapters over the next several months and plans to issue a new draft version to DFI for external industry peer review by the end of September 2016.

The Group is supporting the Slurry Wall Committee to develop a technical document for owners and designers for selecting the appropriate cutoff technology for a variety of soil conditions and depths. A meeting is planned in conjunction with the Sacramento Workshop to help advance the document prior to the Annual Conference.