The U.S. Army Corps of Engineers Has Received Strong Congressional Encouragement to Utilize Geocell's Rapid Deployment Flood Wall

Congress of the United States

Washington. DE 20515

July 11, 2002

Lieutenant General Robert B. Flowers Chief of Engineers HQ U.S. Army Corps of Engineers 441 G Street NW Washington, DC 20314-1090

Dear General Flowers:

We are writing to express our support of the Rapid Deployment Flood Wall (RDFW), a new technology that could revolutionize the way flood-prone communities respond to flooding. It is our belief that the use of this technology could greatly improve the U.S. Army Corps of Engineers' (USACE) flood control efforts.

The RDFW is a modular, reinforced plastic grid that serves as a substitute for sandbags in emergency flooding situations. When deployed, this plastic grid is filled with sand or other fill and constitutes an effective barrier to advancing floodwaters

Every year, the nation spands millions of dollars on emergency flood relief operations. These relief efforts rely heavily on sandhags to protect the lives and property of those who live along waterways. With long stretches of the Illinois, Missouri and Mississippi Rivers in our states, thousands of our constituents are routinely affected by flooding. Unfortunately, these individuals must rely on an outdated technology to provide reliable and timely flood protection in emergency situations.

Field-testing of the RDFW technology has indicated that it is far superior to traditional sandbagging. According to a study conducted by the California Department of Water Resources, a 35-person crew could construct a sandbag wall 4 feet high and 106 feet long in 19.5 nours. With RDFW, a seven-person crew could construct a similar wall in just one hour. It is important to note that because the RDFW technology is reusable, savings of time and labor costs make the RDFW cost-competitive with sandbags immediately.

Since 1928, the Corps has spent \$35 billion on flood control programs, preventing over \$300 billion in flood damage. With money already budgeted for emergency operations, we ask you and your agency to move forward and incorporate the RDFW technology into the Corps' flood control efforts as soon as possible.

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Lieutenant General Robert B. Flowers Page Two of Two

Thank you in advance for your consideration of this request and for your continued hard work to maintain the nation's waterway infrastructure.

Sincerely,

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