

The Poseidon Flood Prevention Plan[®]

The 2017 ASCE Innovation Contest Honorable Mention Winner



Consulting
Planning
Preventing
Mitigating

Brought to you by Mitigation and Resilience Strategies, LLC
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We are always at work for you!

The Problem We Address

Flooding is one of the most frequent and costly natural disasters, with consequences attributing to loss of life, property, and critical infrastructure.

According to FEMA's National Flood Insurance Plan (NFIP) Loss Statistics, over \$85 billion dollars has been spent on claims reimbursement since 1978. From 2012-2016, Oklahoma, Texas, Louisiana, and Florida loss totals exceed \$2 billion.

Therefore, mitigating floodwaters not only provides safety and security to our clients, but also helps decrease debt at the local, state, and federal level.

The Poseidon Flood Prevention Plan

Mitigation and Resilience Strategies offers a new concept in flood protection and prevention that will revolutionize the way the country and the world thinks about mitigation and management. The Poseidon Flood Prevention Plan provides the all-inclusive temporary use, proper deployment, and removal of the Tiger Dam™ system to ensure the protection of the client's facility in an impending flood event.

The value of our service is more than just peace of mind.

With our plan, there is no acquisition of material by our clients as customers pay for the service we provide; the protection of their facility from flood damage. Working with the Tiger Dam™ system provides us with the most efficient, reusable flood control product on the market. It is versatile, flexible, easy to handle, and does not require the use of heavy equipment.



What Will Poseidon Help You Avoid:

- ◆ Insurance deductible
- ◆ Depreciated repair and content values
- ◆ Facility cleanup
- ◆ Replacing damaged possessions
- ◆ Business interruption
- ◆ Employee loss
- ◆ Loss of revenue
- ◆ Currency, stocks and valuable papers not covered by flood insurance
- ◆ Post-flood mold damage not covered by flood insurance

What Is Covered?

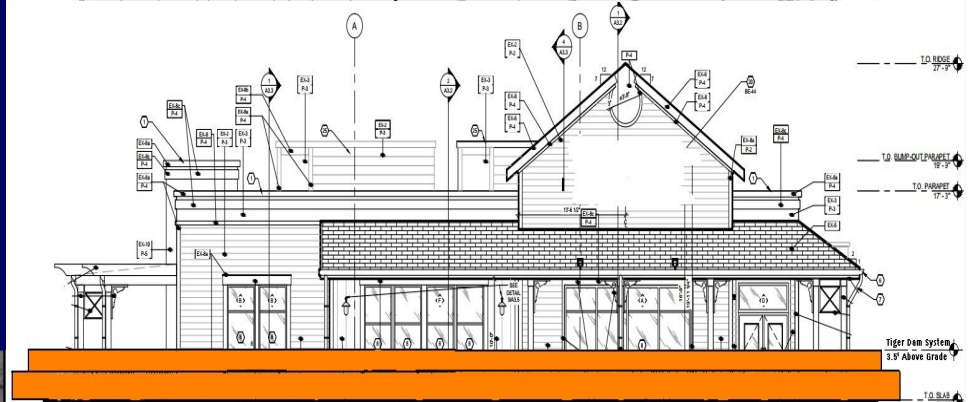
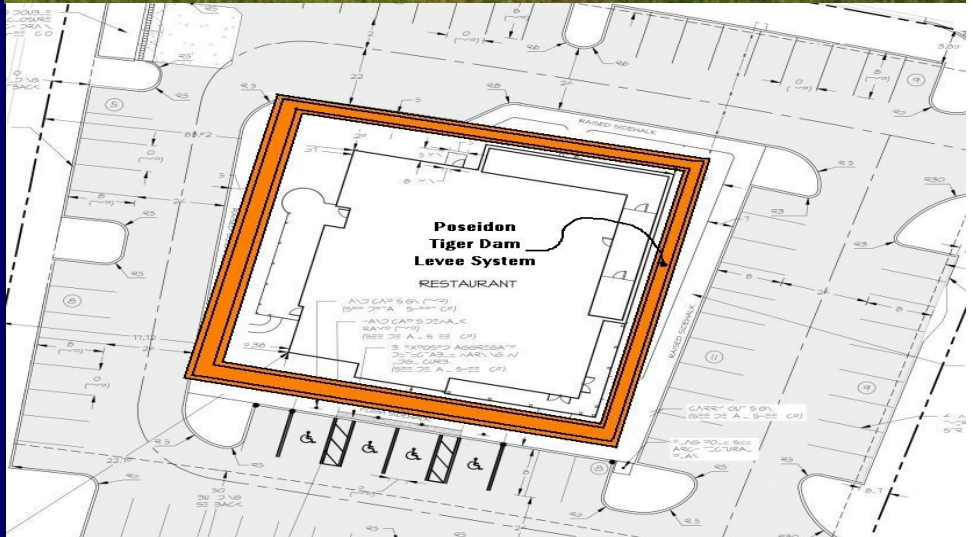
- ◆ NFIP insurance only provides \$500K for commercial buildings and \$250K for residential buildings max
- ◆ NFIP insurance only provides \$250K for commercial contents and \$100K for residential contents max

The Tiger Dam™ System

The patented Tiger Dam™ System consists of elongated, flexible tubes that are quickly stacked, joined end-to-end, and filled with water. The pyramid-shaped structure forms a barrier to protect buildings, resort properties and any other structures prior to the onset of a flood. The tubes can be filled with a 2 inch pump, a fire hydrant (fastest) or a garden hose. The tubes can be stacked up to a maximum of 32 feet and linked together seamlessly for miles. They can be virtually any length and take any shape. Each tube weighs 65 lbs dry and 6300 lbs when filled with water.

These temporary, engineered, interlocking flexible tubes are then drained of water, which flows back into the river when the flooding subsides. The result is a reusable system that protects property without the need of sandbags. When the floodwaters recede, the tubes can be drained within minutes, rolled up and reused again and again.

When deployed properly, our Tiger Dam™ System may be able to divert up to 100% of floodwaters. Our system can be assembled within minutes using floodwater or any water source with as few as two people (depending on the scope of the job).



www.usfloodcontrol.com

Simplifying Flood Mitigation & Prevention Solutions

Meet Your Poseidon™ Team

Belinda A. Bentley, PhD: 20 years; First Response/ Disaster Management, 8 years; Real Estate, 10 years; Property Management, 20 years; PR/Marketing, 10 years; Project Management/Estimating.

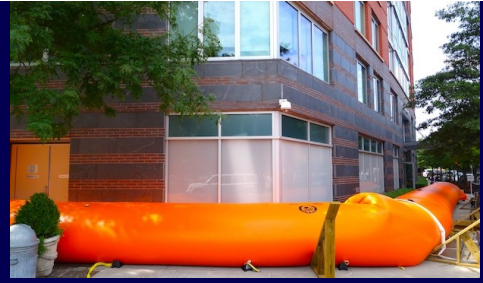
Education: AAS in Emergency Management, BT in Emergency Responder Administration, MS in Homeland Security, PhD in Emergency Management, as well as numerous FEMA EMI courses.

<https://www.linkedin.com/in/belindabentley1/>

Lewis Howard: 25 years; Estimating, 15 years; Commercial Design, 15 years; FEMA (Grant Management, Project Specialist, PA Mitigation Specialist, PA Coordinator, State Liaison, TAC Group Lead, Deputy Task Force Lead), FEMA Certification; CEF, NEMIS, and Data Warehouse Trainer.

Education: AS in Engineering Technology

<https://www.linkedin.com/in/lewis-howard-04a9a750/>



Meet US Flood Control

Cheryl Witmer: 13+ years; Business Development and Sales, Project Management, Disaster Response, Emergency Management, Strategic Planning, Government, and much more. Cheryl holds a Master Certificate in Applied Project Management. <https://www.linkedin.com/in/cheryl-witmer-4a1b696/>

David Elvir: VP of Operations; Strategic leader and entrepreneur with a successful background building and leading top performing teams and managers focused on exceeding revenue and cost-out goals. Process-driven and quality-minded professional with ISO and Six Sigma experience. Enthusiastic profit and growth-driven executive with broad-based industry experience. <https://www.linkedin.com/in/dave-elvir-3a18105/>

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The Poseidon Flood Prevention Plan®

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