



THE WORLD'S #1 FLOOD CONTROL PRODUCT

# TIGER DAMS™

FLOOD MITIGATION / OIL SPILL CONTAINMENT



**Tiger Dam™ is the first line of Defense**

TOLL FREE: 1-866-852-1118

[www.usfloodcontrol.com](http://www.usfloodcontrol.com)



**ExxonMobil** **ConocoPhillips**



# TIGER DAM™ SYSTEMS

U.S. Flood Control Corp. is the sole manufacturer of the Tiger Dam flood protection system. This emergency rapid deployment flood protection system is unique, affordable, and effective. The Tiger Dam™ System consists of flexible tubes which can be quickly joined end to end, stacked and filled with water. The pyramid-shaped structure forms a barrier to protect buildings, utilities, infrastructure and any other facilities prior to the onset of a flood.

The dams can be filled with a fire hydrant, transfer pump, water truck or any other water source. They are capable of being stacked to a maximum height of 32 feet, and can be linked together seamlessly for miles. Tiger Dam™ is flexible – it can be turned and bent into any shape.

When deployed properly, the Tiger Dam™ System can divert up to 100% of floodwaters. This system can be assembled in minutes using floodwater or any water source with the help of as few as two people

**The Tiger Dam™ System is environmentally friendly and leaves no footprint.**

The Tiger Dam™ system is reusable and eliminates the need for sandbags. Tiger Dams can be used year after year, flood after flood. Minimal storage is required when not in use. Once sandbags are contaminated, they are dangerous to the environment and expensive to dispose of.

The patented Tiger Dam™ System is the only thing you need for your fight against floods.

## TIGER DAMS

### Tiger Dams are Proudly Made in the USA

Tiger Dam™ are being used for flood mitigation around the world. From our global distribution center located in the United States, Tiger Dams can be shipped anywhere.

Tiger Dam™ are available in standard sizes of 18", 24", 36" and 42" x 50' sections. They are stackable to 32' and can be joined together for miles of seamless protection.

## TIGER DAMS VS. SANDBAGS

1 MILE OF SANDBAGS COMPARED TO 1 MILE OF THE 24" TIGER DAM AT 2' HIGH

1.500 SANDBAGS = 1 - 24" TIGER DAM

SANDBAGS PER MILE / 2' HIGH	24" TIGER DAM PER MILE / 2' HIGH
QUANTITY: 158,400 SANDBAGS	QUANTITY: 106 TIGER DAMS
COST: \$1,211,760.00 (\$7.65 per bag)	COST: \$174,900 (\$1,650 per Tiger Dam)
SHIPPING WEIGHT: 47.7 MILLION lbs	SHIPPING WEIGHT: 10,812 lbs
SHIPPING SPACE: 2,640 PALLETS (42,240 sqft) (60 sandbags per pallet)	SHIPPING SPACE: 18 PALLETS (20 Tiger Dams per pallet + -10f accessories)

\* Source: UACE  
\* Standard sandbag size used by the Government

# TIGER DAM™ SYSTEMS FM APPROVAL



## RIGOROUSLY TESTED AT THE ENGINEERING RESEARCH AND DEVELOPMENT CENTER IN VICKSBURG, MISSISSIPPI

The Tiger Dam™ System was tested by the Army Corp of Engineers at the Engineer Research and Development Center (ERDC) in Vicksburg, MS, against the FM Approvals Standard 2510 (Approval Standard for Flood Abatement Equipment) with representatives from FM Approvals and ASFPM (Association of State Flood Plain Managers) overseeing the protocol.

FM Approvals Standard 2510 is very stringent certification procedure that is ANSI (American National Standards Institute) recognized and approved, which compares to UL, CSA and European standards.

During testing, Tiger Dam™ was set up in 1/5 the time of sandbags and withstood high velocity riverine currents, debris impact, intensive wave testing and over-topping without failure.

All 4 standard sizes of Tiger Dam™ are Platinum Level Certified by FM Approvals for use as a temporary perimeter barrier for flood abatement.

### TESTING STATS:

- Set up in 1/5 the time of sandbags
- Withstood waves at 1', 2' and 3' water depth with minimal seepage and no damage
- During debris impact testing 610lb & 790lb logs were rammed at the Tiger Dam™ tubes. Neither log caused any damage
- High velocity riverine test - no movement

**OVERALL, THE TIGER DAM™ SYSTEM WITHSTOOD 2 WEEKS OF INTENSIVE TESTING WITH CONSISTENTLY LOW SEEPAGE AND NO DAMAGE.**

**All Sizes of Tiger Dams are FM Approved.**

## USE WATER TO FIGHT WATER



# TIGER DAM™ SYSTEMS



**18" TIGER DAM™**



**24" TIGER DAM™**



**36" SUPER TIGER DAM™**



**42" TIGER DAM™**



## STACKABLE CRATES



# FM APPROVED TIGER DAM™ VARIOUS PRODUCT APPLICATIONS



### Property Protection

Tiger Dam™ is used to create a ring barrier around or partially around vulnerable properties. Hospitals, prisons, police departments, Emergency operations center's, hotels, golf courses, etc.



### DOT Protection

Tiger Dam™ is used to create a continuous barrier along roadways to keep flood waters from causing dangerous conditions for drivers, and prevent costly road closures.



### Temporary Holding Tank / Reservoir

Tiger Dam™ is used to build reservoirs to hold flood waters when dewatering after flood events. They are used to hold potable water, water ponds for fire fighting.



### Hazmat Containment

Tiger Dam™ is used by refineries, chemical plants and industrial plants for containment, secondary containment and diversion. It can be used to keep flood waters out of a plant, and to keep harmful liquid from breaching the property, putting the public and environment at risk.



### Utilities Protection

Tiger Dam™ is commonly used to protect substations, allowing utilities company to keep vital and essential services available to the public during flood events.



### Dewatering

Tiger Dam™ is used to dewater buildings, properties or roadways. By preventing new water from entering the area, responders are able to pump water over the barrier and hold it out.



### Shoreline Protection

Tiger Dam™ is used for shoreline and riverbank flood protection and diversion. Keeping water from pouring into communities.



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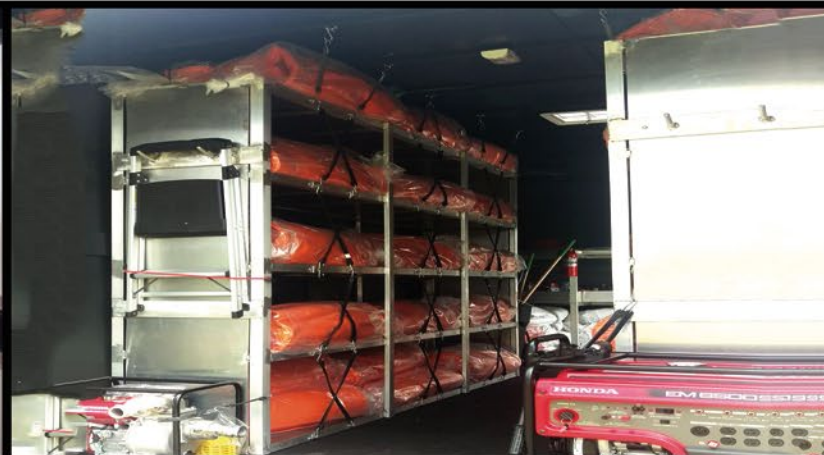


# TIGER DAM™ SYSTEM EMERGENCY RESPONSE TRAILERS



S.E.R.T. (Standard Emergency Response Trailer)  
7' x 20'

**Emergency Response Trailers**  
**18"/24"/36"/42" Tiger Dams™**  
**Fully equipped for Rapid Mobility Deployment**



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