



TIGER DAM™

THE FIRST LINE OF DEFENSE
FOR

FLOOD MITIGATION / LAND BOOMS / OIL SPILL COINTAINMENT



THE WORLD'S #1 FLOOD CONTROL PRODUCT

www.internationalfloodcontrol.com | www.usfloodcontrol.com | TOLL FREE: 866-852-1118





International / U.S. Flood Control, "THE Sandbag Replacement Company". is an **EMERGENCY RAPID DEPLOYMENT Tiger Dam™ SYSTEM** that is unique, affordable and effective. This Tiger Dam™ System consists of elongated flexible tubes which may be 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 are capable of being stacked up to a maximum of 32 feet high and linked together seamlessly for miles. They can be virtually any length and take any shape.

These temporary engineered, interlocking, flexible tubes are then drained of water once the flooding subsides. The result is a reusable system that protects property without the need for sandbags. Tiger Dams can be used over again and again for years, and require minimal storage when not in use; therefore protecting our environment with no environmental damage at all. **Our system is completely environmentally friendly.**

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 the help of as few as two people (depending on the scope of the job).

The tubes can be easily repaired with a vinyl repair kit, awning repair kit, a simple bicycle repair kit, or wet weld (duct-tape – temporary fix only). No heavy equipment is required to use the **Emergency Rapid Deployment Tiger Dam™ System**. Deployment can be done from a pickup truck, the trunk of a car, emergency vehicles, etc.

Our patented **Tiger Dam™ System** is the only thing you may need for any future flooding problems.

TIGER DAMS

Tiger Dams™ are being used for flood mitigation around the world, with Partnerships ensuring flood mitigation protection not only in Canada and the USA but in Europe and Asia as well.

Tiger Dams™ were tested by the Army Corp of Engineers at their testing facility in Vicksburg, MS, and were tested against the FM Approvals Standard 2510 (Approval Standard for Flood Abatement Equipment) with representatives from the FM Approvals and ASFPM (Association of State Flood Plain Managers) overseeing testing.

FM Approvals Standard 2510 has a very stringent testing protocol that is ANSI (American National Standards Institute) recognized and approved which compares to our CSA standards.

Certification of the Tiger Dams™ provides customers with a tested and certified product with which they can use to help mitigate flood damages.

Tiger Dams™ are certified, re-usable and environmentally friendly with a UV rating of plus 15 years. The fact that they are re-usable, safe for the environment and 1/5 the cost of sandbags allows the purchaser to save not only money, but to help in the fight to save our environment as well.

Tiger Dams™ are available in standard sizes of 19", 24", 3' and 42" x 50' sections. They are stackable to 34' and can be joined for miles and miles of seamless protection. Custom sizes are available upon request.

Rapid Emergency Response Trailer (E.R.T.) units are also available and provide the customer with one unit that provides emergency, rapid, mobile protection. Each E.R.T. comes fully stocked with 60 Tiger Dams™, all the necessary accessories for a rapid deployment including pumps, hoses, generators etc.

USE WATER TO FIGHT WATER



VARIOUS POTENTIAL PRODUCT APPLICATIONS

Homeland Security Applications – Temporary Holding Tank / Reservoir

Contain spilled bio-hazardous materials, wastewater and terrorist intended chemical liquids. Safely diverts spill contaminants away from fresh water, diverting supply. (e.g. train accident spills liquid onto the ground). Once contained in the holding tank, the spill can be pumped out at a safe and convenient time into a bio-hazardous tank truck / water truck and disposed of according to environmental standards.

Retention Ponds – Urban Areas

Product can be used as an alternative to reduce the number of acres required for storm water retention and the costs associated with excavating and removing fill material from subdivisions.

Retention Ponds – Rural Areas

Spring run off could be retained for future seasonal irrigation.

Protective devices; for protecting telephone, fiber optics, hydro and other utilities.

US Flood Control products can replace the use of sandbags and crews needed to man the sandbag walls to protect the utility and the employees in a time of flooding.

Containment for Chemical Plants

US Flood Control products can be used to contain spills versus expensive earth works and containment membranes.

Containment for Sewage

Many cities in older areas have combined sewer systems (sewage and storm water). During peak rain events, the system cannot handle the capacity and spills directly into the river system, bypassing the sewage treatment. Containment, specifically placed could control large volumes of water accumulation to reduce the threat of the combine system reaching its capacity causing raw sewage from going into the river system.

Irrigation Ditches

US Flood Control product could be used to transport/divert water from rivers similar to irrigation channels. The product would be used to contain / channel water to agricultural areas versus excavating costly irrigation ditches, used only in low precipitation years, transport where required.

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FM APPROVED TIGER DAMS - STANDARD SIZES



STANDARD TIGER DAM™: 50' x 19"



24" TIGER DAM™

3 FT SUPER TIGER DAM™



42" FM APPROVED TIGER DAM™



42" FM APPROVED TIGER DAM

RIGOROUSLY TESTED AT THE ERDC FACILITY VICKSBURG, MISSISSIPPI

The 42" FM Approved Tiger Dam™ design is based on the same characteristics as the standard Tiger Dam™, using the exact fabric and tensile properties. The size of the Tiger Dam™ is what makes it stand out in our product line.

Perimeter barrier performance testing was conducted at the US Army Corps of Engineers' Engineering and Research Development Center (ERDC) located in Vicksburg, MS. During testing, Tiger Dams™, the world's most rigorously tested flood control product, were set up in 1/5 the time of sandbags and vehemently withstood high velocity riverine currents, giant logs, underwent intensive wave testing and were over-topped without failure.

The 42" Tiger Dam™ has received Platinum Level Certification from FM Approvals for use as a temporary perimeter barrier flood protection system.

TESTING STATS:

- Set up in 1/5 the time of sandbags
- Withstood waves at 3' water depth with minimal seepage and no damage
- 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, INCREDIBLE LOW SEEPAGE AND NO DAMAGE.

TIGER DAMS VS. SANDBAGS

1 mile of sandbags compared to 1 mile of the 42" FM Approved Tiger Dam at 4' high

15,000 SANDBAGS = 1 - 42" FM APPROVED TIGER DAM

SANDBAGS PER MILE / 4'-HIGH	42" FM APPROVED TIGER DAM PER MILE / 4' HIGH
QUANTITY: 1,590,000 SANDBAGS	QUANTITY: 106 TIGER DAMS
COST: \$12,163,500.00 (\$7.65 per bag)	COST: \$423,470.00 (\$3,995 per Tiger Dam)
SHIPPING WEIGHT: 47.7 MILLION lbs	SHIPPING WEIGHT: 21,306 lb
SHIPPING SPACE: 26,500 PALLETS (60 sandbags per pallet)	SHIPPING SPACE: 18 PALLETS (6 Tiger Dams per pallet)
* Source: U.S. Army Corps of Engineers * Standard sandbags used by the Government	

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EMERGENCY RESPONSE TRAILERS

S.E.R.T. (Standard Emergency Response Trailer)

- 7'x20'
- Comes stocked with 60 x 19" standard Tiger Dam



E.R.T. (Emergency Response Trailer)

- 8'x36'
- Comes stocked with 60 x 42" FM Approved Tiger Dams



E.R.T. TRAILERS (Emergency Response Trailers) - 19"/24"/36"/42" Tiger Dams™ Fully equipped for Rapped Mobility Deployment



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QUALITY IS REMEMBERED LONG AFTER PRICE IS FORGOTTEN...

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