MODULAR AND SELF-LOCKING WATER DAMS

FM Approvals

Member of the FM Global Group
First developed in 1998, in Victoriaville, Canada, MegaSecur Inc. is the manufacturer and distributor of the Water-Gate barriers: the fastest and most flexible emergency response equipment for water-based incidents on the market.

**Products:** The Water-Gate barrier is a turnkey solution, which is designed to provide a rapid, reliable and safe solution in an emergency situation. It is reusable, eco-friendly and can easily be transported. No additional equipment is required for its installation. **It is the perfect alternative to sandbags.**

On average, the time required to install a medium-sized barrier is less than five (5) minutes.

**No filling or anchoring is needed to deploy the barrier.**

**How it works:** Water-Gate barriers come as heavy-duty PVC roll.

To use them, simply unroll them on the ground and let them do the work.

The water barrier will deploy by itself evenly and follow the height of the water level as it fluctuates.

**The principle is simple:** water enters and accumulates at the bottom of the barrier. As the water level rises, the barrier unfolds and swells.

An integrated floater, positioned directly at the top of the barrier, allows it to float at the rhythm of the waves, enabling it to reduce water overtopping the barrier.

Once the barrier is deployed, it remains stable on most surfaces.

The built-up pressure of the water on the ground tarp causes the barrier to stabilize itself and conform to the contour of the ground.
Water-Gate systems can be classified into three (3) different categories: WL, WA and WT-Series.

**WL-Series** is the range dedicated to flood control, surface waters diversion, door protection, underground parking entries, water main break, and more. This Series was designed to provide a rapid and full protection against flooding issues faced by many governments, municipalities, companies and residents across the world.

**WA-Series** uses a simple yet effective design to instantaneously divert, block water courses, small and medium size streams or contain water from aquatic area. It is mainly used for the creation of temporary cofferdams and development of emergency water supply for firefighters. This Series is very useful for emergency interventions, particularly in remote or hard-to-reach locations.

**WT-Series** is designed to simply and safely assist emergency interventions in hazmat/oil spill incidents. Its unique design confines and stops the spread of hazardous materials while creating a calm and deep zone to extract pollutants (floating or not). It is equipped with release holes on its downstream side, in order to effectively create an underflow dam.

The Water-Gate dam has four (4) times more ground surface than the water being retained, thus four (4) times more vertical thrust (over the ground) than the horizontal thrust for proper adhesion and added safety.

It all started with a dream!

“We are very proud to say we’ve been helping keep people and communities safe both near and far for twenty years now!”

Daniel Dery, MegaSecur CEO and founder.
At MegaSecur, innovation and security are among the founding values. Our commitment is to provide our Customers with products and services that meet or even surpass their needs in terms of quality, efficiency and durability. **Your security is our number one priority.**

**NUMBERS THAT MATTER.**

**Global success**

Water-Gate water barriers are used in over 37 countries in the world, including:

Canada, France, United State, Mexico, Peru, Chile, Belgium, China, United Kingdom, Australia, New Zealand, Japan, Panama and other.

Our distribution network gives us proximity to our clients, which offers a customer service that will fit their needs.

**Manufacturing**

Water-Gate systems are high-end equipment, manufactured by dedicated and passionate employees.

All our products are made from industrial designs, thus guaranteeing their uniformity.

After the manufacturing step, each barrier is individually and strictly inspected before shipping.
We know how important it is for you or your organization to have the best anti-flood system on the market. That’s why we have chosen to certify our products as FM Approved, by FM Global, one of the most widely accepted certifications in our industry.

The Water-Gate water barrier has undergone intensive testing to assess deployment speed, resilience, watertightness, and resistance to waves.

The tests were conducted in a test basin at the US Army Corps of Engineers in partnership with the Association of State Floodplain Managers (ASFPM), the US Army Corps of Engineers, and FM Global as part of a national testing and certification program for anti-flood products.

Our FM Approved certification attests to our commitment to design and distribute top-quality products.

All WL models exceeding 39 inches (1m) high have been tested and certified.
**Available Models / WL-Series**

<table>
<thead>
<tr>
<th>Model</th>
<th>Retention Level</th>
<th>Length</th>
<th>Approx. Weight</th>
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<tbody>
<tr>
<td>WL-0617</td>
<td>15 cm / 6 in</td>
<td>9.1 m / 17 ft.</td>
<td>13.6 kg / 28.6 lb</td>
</tr>
<tr>
<td>WL-0630</td>
<td>15 cm / 6 in</td>
<td>9.1 m / 30 ft.</td>
<td>24 kg / 52.9 lb</td>
</tr>
<tr>
<td>WL-1450</td>
<td>35 cm / 14 in</td>
<td>15.2 m / 50 ft.</td>
<td>39.7 kg / 85.9 lb</td>
</tr>
<tr>
<td>WL-2030</td>
<td>50 cm / 20 in</td>
<td>9.1 m / 30 ft.</td>
<td>30.4 kg / 66.1 lb</td>
</tr>
<tr>
<td>WL-2050</td>
<td>50 cm / 20 in</td>
<td>15.2 m / 50 ft.</td>
<td>50.2 kg / 110.2 lb</td>
</tr>
<tr>
<td>WL-2630</td>
<td>67 cm / 26 in</td>
<td>9.1 m / 30 ft.</td>
<td>38.6 kg / 83.7 lb</td>
</tr>
<tr>
<td>WL-2650</td>
<td>67 cm / 26 in</td>
<td>15.2 m / 50 ft.</td>
<td>62.9 kg / 136.6 lb</td>
</tr>
<tr>
<td>WL-3230</td>
<td>81 cm / 32 in</td>
<td>9.1 m / 30 ft.</td>
<td>62.9 kg / 136.6 lb</td>
</tr>
<tr>
<td>WL-3250</td>
<td>81 cm / 32 in</td>
<td>15.2 m / 50 ft.</td>
<td>103.9 kg / 227 lb</td>
</tr>
<tr>
<td>*WL-3930</td>
<td>99 cm / 39 in</td>
<td>9.1 m / 30 ft.</td>
<td>76.8 kg / 167.5 lb</td>
</tr>
<tr>
<td>*WL-3950</td>
<td>99 cm / 39 in</td>
<td>15.2 m / 50 ft.</td>
<td>126.8 kg / 277.7 lb</td>
</tr>
<tr>
<td>*WL-5030</td>
<td>127 cm / 50 in</td>
<td>9.1 m / 30 ft.</td>
<td>117.5 kg / 257.9 lb</td>
</tr>
<tr>
<td>*WL-5050</td>
<td>127 cm / 50 in</td>
<td>15.2 m / 50 ft.</td>
<td>187.7 kg / 412.2 lb</td>
</tr>
<tr>
<td>*WL-6030</td>
<td>152 cm / 60 in</td>
<td>9.1 m / 30 ft.</td>
<td>123.8 kg / 271.1 lb</td>
</tr>
<tr>
<td>*WL-6050</td>
<td>152 cm / 60 in</td>
<td>15.2 m / 50 ft.</td>
<td>204.8 kg / 449.7 lb</td>
</tr>
<tr>
<td>WL-7850</td>
<td>198 cm / 78 in</td>
<td>15.2 m / 50 ft.</td>
<td>241.8 kg / 531.3 lb</td>
</tr>
</tbody>
</table>

WL-3950: 50 feet long for a retention height of 39 inches.

*FM Approved / Other models available upon request.

**Protection Types**

- Simple protection
- Partial protection
- Full protection
Water-Gate Solution

A rapid and effective flood protection system

- Ready to be used
- Compact and easy to carry
- Adapt to different environments
- Safe and quick intervention
- Reusable
- Minimal workforce required
- No anchoring nor filling
- Lifespan of 20-25 years

Customer story

“My wife and I are in our sixty’s and every spring we worry about flood control... NO LONGER! We are extremely satisfied with the product.”

Paxton’s Family
Coeur d’Alene, Idaho, United States.

Your security, Our priority.
ANY SMALL STREAM IS A POTENTIAL ALTERNATIVE DRAFTING SITE.

» Designed to work in water currents
» Made of strong yellow PVC fabric

### AVAILABLE MODELS / WA-SERIES

<table>
<thead>
<tr>
<th>MODEL</th>
<th>RETENTION LEVEL</th>
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<td>38.1 cm / 15 in</td>
<td>7.6 m / 25 ft.</td>
<td>12.7 kg / 26.4 lb</td>
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<td>38.1 cm / 15 in</td>
<td>15.2 m / 50 ft.</td>
<td>24.6 kg / 52.9 lb</td>
</tr>
<tr>
<td>WA-2125</td>
<td>53.3 cm / 21 in</td>
<td>7.6 m / 25 ft.</td>
<td>17.5 kg / 37.4 lb</td>
</tr>
<tr>
<td>WA-2130</td>
<td>53.3 cm / 21 in</td>
<td>9.1 m / 30 ft.</td>
<td>20.5 kg / 44 lb</td>
</tr>
<tr>
<td>WA-2150</td>
<td>53.3 cm / 21 in</td>
<td>15.2 m / 50 ft.</td>
<td>33.5 kg / 72.7 lb</td>
</tr>
<tr>
<td>WA-2825</td>
<td>71.1 cm / 28 in</td>
<td>7.6 m / 25 ft.</td>
<td>24.1 kg / 52.9 lb</td>
</tr>
<tr>
<td>WA-2835</td>
<td>71.1 cm / 28 in</td>
<td>10.6 m / 35 ft.</td>
<td>34.1 kg / 74.9 lb</td>
</tr>
<tr>
<td>WA-2850</td>
<td>71.1 cm / 28 in</td>
<td>15.2 m / 50 ft.</td>
<td>46.7 kg / 101.4 lb</td>
</tr>
<tr>
<td>WA-3930</td>
<td>99 cm / 39 in</td>
<td>9.1 m / 30 ft.</td>
<td>65.1 kg / 143.3 lb</td>
</tr>
<tr>
<td>WA-3950</td>
<td>99 cm / 39 in</td>
<td>15.2 m / 50 ft.</td>
<td>108.7 kg / 238 lb</td>
</tr>
<tr>
<td>WA-6030</td>
<td>152.2 cm / 60 in</td>
<td>9.1 m / 30 ft.</td>
<td>106 kg / 233.6 lb</td>
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<tr>
<td>WA-6050</td>
<td>152.2 cm / 60 in</td>
<td>15.2 m / 50 ft.</td>
<td>174.3 kg / 383.6 lb</td>
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WA-2825: 25 feet long for a retention height of 28 inches.
Other models available upon request.
Damming stream for water supply.

Rural or wildland firefighters, agriculture, irrigation, hydraulic fracturing and more.

- Simple to use
- Effective
- Lightweight
- Minimum manpower
- Rapid and easy installation
- Small storage requirement
- Replaces dry hydrants

USEFUL FOR: FLOWING DITCH, WITHSTANDS OVERTOPPING, HAZMAT CONTAINMENT, OVERTURNED TANKER, SEARCH AND RESCUE, ETC.
Innovative emergency system.

WT-Series is equipped with release holes on its downstream side.

The main function of the release holes is to make sure that the barrier contains hydrocarbons or any floating materials upstream, while allowing fresh water to flow underneath the dam.

This tool slows the water, in order to maximize the efficiency of absorbent booms and allow for easy introduction of containment booms and oil skimmers in shallow water conditions (normally not possible).

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<tr>
<td>WT-1515</td>
<td>38.1 cm / 15 in</td>
<td>4.5 m / 15 ft.</td>
<td>9 kg / 20 lb</td>
</tr>
<tr>
<td>WT-1525</td>
<td>38.1 cm / 15 in</td>
<td>7.6 m / 25 ft.</td>
<td>13.6 kg / 30 lb</td>
</tr>
<tr>
<td>WT-2115</td>
<td>53.3 cm / 21 in</td>
<td>4.5 m / 15 ft.</td>
<td>10.5 kg / 22 lb</td>
</tr>
<tr>
<td>WT-2125</td>
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<td>17 kg / 37.4 lb</td>
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<td>WT-3915</td>
<td>99 cm / 39 in</td>
<td>4.5 m / 15 ft.</td>
<td>35.3 kg / 78 lb</td>
</tr>
<tr>
<td>WT-3930</td>
<td>99 cm / 39 in</td>
<td>9.1 m / 30 ft.</td>
<td>66.6 kg / 147 lb</td>
</tr>
<tr>
<td>WT-3950</td>
<td>99 cm / 39 in</td>
<td>15.2 m / 50 ft.</td>
<td>117 kg / 258 lb</td>
</tr>
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WT-3930: 30 feet long for a retention height of 39 inches. Other models available upon request.
Hazmat or oil spill containment and collection.

Quickly create a slow and calm current for oil spill collection.

Turnkey solution
Rapid and safe intervention
Underflow damming
Equipped with release holes
Environmental compliance
Shallow waters and ditches
Create the adequate response site
Suitable with most emergency response equipment

First responders now have a tool to set up an underflow dam in less than 5 minutes. No pipes, earth or sandbags required. Small 28 by 25 inch storage space.

Suitable for most land-based, shallow water incidents.

Customer story
“Using the Water-gate dam in this specific instance allowed EMS (Emergency Management Specialists) to stop the flow of impacted water from traveling downstream in a matter of minutes.”

Tim Acri, COO.
Environmental Management Specialist
Designed for excellence

A WA-2835 barrier is equivalent to 770 sandbags.

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WA-2150: 50 feet long for a retention height of 21 inches.
Other models available upon request.
Temporary cofferdam.

Creating a dry and safe zone in aquatic environments.

Simple, fast and safe
Minimal workforce required
Adaptable
Compact and easy to carry
Minimal equipment is required for the installation
Diverter or weir tool save on pump requirement
No anchoring, no filling
Reusable and eco friendly

APPLICATIONS: TEMPORARY COFFERDAM, BRIDGE REPAIR, RIVER DEWATERING.
The 4 golden rules for a successful installation.

**WL, WA and WT-Series.**

1. **Pump the water at the back of the barrier**
   It’s important to leave a reasonable amount of space between the building and the back of the barrier in order to install a water pump and be able to move freely. The water seeping underneath the barrier should not be left to accumulate behind the barrier. This is why the area should be kept dry using one or more water pumps.

2. **Place an even amount of weight at the front**
   Do not tie the barrier to the ground, as it uses the weight of the water to stop oncoming water. However, it is very important to place even weights along the entire length of the front flap to minimize water infiltrations underneath the barrier and keep it on the ground. Depending on the required application, MegaSecur offers models with integrated ballast weights for quick installation. Make sure these weights are well secured to the front flap and cannot come loose.

3. **Prevent water from accumulating under the barrier**
   Remove all objects likely to create water infiltrations under the barrier flap. The barrier is designed to stay in place on all surfaces such as asphalt, gravel, lawns, and concrete paving blocks, but if there is too much water under the flap, the barrier will not adhere as well and may slip. Thus, it is important to make sure that the ground is free of objects that could cause water to accumulate under the barrier.

4. **Never try to contain a leak at the back of the barrier**
   If there are leaks, stop the water from coming in at the front of the barrier. In most cases, such problems are caused by water infiltrations at the front. Trying to contain a leak at the back of the barrier will create a pool of water and make the barrier unstable.

**How to install the barrier as a cofferdam in standing water or if the flood has already started:**

1- Open completely the barrier on the water surface.
2- Insert a stake inside the metallic ring located at the front bib, and then sink the stake on the ground. After that, add ballasting weight.
3- Use a water pump to move the surplus water from the back to the front of the barrier.
4- As pumped, water recedes, the barrier will sit on the ground and remain in place and prevent flood waters from reaching the protected area.
Barrier coding explanation
What WL-2050 means?
The first two letters (WL) represent the model, the first two numbers (20) represent the height (retention capacity) in inches, and the last two numbers (50) represent the length in feet.

A WL-2050 barrier coding means: a flood protection barrier with 20 inches (50.8 cm) high and 50 feet (15.24 m) long.

WL 26 30

Positioning the barrier
Make sure to place the barrier in the right direction, in accordance to the direction of flow. Instructions concerning the position are directly printed on the packaging and product has a banner label.

The Water-Gate barrier can be installed on most surfaces and will perfectly mold itself to the shape of the terrain.

Obstacles
If there are obstacles within the planned installation site (trees, wall, rocks, etc.), it is possible to avoid them or simply place the barrier against them.

In some cases, preparation of the terrain may be beneficial, by removing objects or filling gaps.

Evaluate if the space available is sufficient according to the 4 to 1 ratio requirement.
Tying together two water barriers

The first step consists of completely unrolling and unfolding the two barriers and laying them one next to one another.

Both barriers must aligned at the back.
Make sure the Velcro joints are open.

Open the top fabrics on each side to uncover the bottom joints and insert the barrier on the right into the one on the left.

Good dexterity is required to close up the back.
Close up the hook and loop strips by laying one on top of the other, starting from the back and proceeding to the front (1).

Keep closing up the hook and loops strips from the back until you end at the front.

When you are done with the joint at the bottom, continue by inserting the partition of the barrier on the left in the partition of the barrier on the right and close off the top parts.

Finally, close up the hook and loops strips by laying them on top one another, the same as you did for the bottom joint.

Note:

(1) Velcro joints:
It is recommended to thoroughly clean the Velcro joints after each use to prevent infiltrations and for maximum gripping capacity.

Compatibility:
All Water-Gate models join together, with the exception of the WL-0630 which can only be joined to other WL-0630 barriers.
Things you **SHOULD NOT DO** during an installation.

**WL - Flood control.**
- Not planning a sufficient amount of water pumps
- Not using water pumps with sufficient capacity
- Not having a collection zone or collection pit to pump the leakage
- Not properly estimating the potential flood water level
- Not placing ballasting weight at the corners and transition zones
- Not redirecting rainwater out the protected area
- Not evaluating if the space available of the site allows a proper and safe deployment
- Not putting sandbags on top of the barrier to stop wind effect and not taking it off right before the flood surge.

**WA - Water supply, temporary cofferdams.**
- Not using enough ballasting material on the front bib
- Do not use more than two (2) weirs on a single barrier
- Not using a model whose retention height is shorter than the bank height
- Not having a sufficient workforce according the required length and during high flow installations
- Not inspecting and preparing the site before the installation to limit the seepage and increase adherence.

**WT - Spill response / underflow dam.**
- Not using enough ballasting material on the front bib
- Not opening the release holes early enough to prevent overtopping
- Not using a model whose retention height is shorter than the bank height
- Not have a sufficient workforce according the required length and during high flow installations
- Not inspecting and preparing the site before the installation to limit the seepage and increase adherence.
MAKE YOURSELF AN EXPERT

Free e-Learning is provided at the time of purchase

AN EXCLUSIVITY FROM MEGASECUR!

To access the training, visit www.water.gate.com and click on the e-Learning access on top of the page.

Enter your login information or request registration if it's your first session.

You now have access to the training.

The training is available 24 hours a day and is accessible from any digital device (PC, tablet, cellular).

At the end of each category, you will be asked to answer a quiz to validate your knowledge.

Once the training is complete, a Certificate of achievement including your name will be delivered and sent to you by email.

This training is only available for Water-Gate users

Available 24 hours a day / Practical and friendly / Various topics / Over 20 explanatory video clips.
**REASONS FOR CHOOSING WATER-GATE**

**Reusable**
Water-Gate barriers are reusable and have a lifespan of approximately 20 to 25 years.

**Minimal maintenance**
After using the barrier, we recommend rinsing it with a pressure washer and a suitable disinfectant. Once the barrier is completely dry, simply fold it back and place it back in its storage bag for future use.

Avoid long-term exposure to UV rays.

**Rapid deployment**
Unroll the barrier, unfold the front part and let the water accumulate. The water pressure will cause the barrier to deploy and secure itself in place.

**Safe and rapid intervention**
The Water-Gate barrier is known for its ability to be deployed quickly. When used jointly with the crate option, the response time is much further improved, fostering quick emergency intervention.

**Deployment crates**
Barriers can be supplied pre-joined in crates for fast deployment. The use of crates is highly recommended in emergency situation since they enable maximum efficiency in time and manpower. The Crates also provide a solution to the storage of the barriers.

**Flexibility**
The barrier is flexible enough to create inner or external corners and most type of configurations.

**Road traffic**
Once deployed, the barriers will not lock you in and the set-up barriers will not prevent crossing over. Walkers and motorists can move freely in both directions, whether it is before, during or after the barrier is deployed.

**No equipment is required**
The Water-Gate barrier is a turnkey solution, ready for use right out of the box. No water filling, air inflation or anchoring is required. Some sandbags may be added to help seal certain locations, to protect from high wind or to implement the gripping capacity on specific ground material.

**Dual fastening velcro system**
It is possible to join barriers from different size and model to adapt to every situation.

**Overtopping**
In case of water overflows, the barrier remains stable and continues to retain water; the water currents do not affect it. If floating materials hit the barrier, they will bounce off.

**Minimal workforce**
The Water-Gate barrier can be transported and installed by a single person within just a few minutes (models from 28 in /71cm and less). The bigger models can be installed by less than 4 individuals in a record time.

**Proven by authorities**
The Water-gate barrier has been proven by the Ministry of Transports, Mobilité durable et Électrification des transports. 
Ref. #: GUQ-02055.

**Uninstallation**
Simply grab one end of the barrier and pull it until it skids (WA and WT Series). Once the flood water recedes, simply wash and refold before rolling or repacking in crates.
Possible applications with the Water-Gate dam

» Flash flood protection and deviation (WL)
» Water surface diversion in heavy rain events (WL)
» Rapid and safe intervention in case of water main breaks (WL)
» Oil/Hazmat spill containment and underflow dam (WT)
» Dewatering of work zone (WA)
» Stop water flow to perform specific works (WA)
» Increase the water level in a power station (WA)
» Creation of water supply drafting points (WA)
» Irrigation water recovery (WA)
» Ditch and stream damming for agricultural water supply need (WA-WT)
» Other

Water-Gate portable dams are compatible with most response equipment available on the market.

When used together with a skimmer or sorbent booms in oil/hazmat spill incident, the WT Series increase considerably ease of operations, effectiveness and speed of intervention.

In comparison with other systems, Water-gate dams are:

» Faster to operate (installation and removal time)
» Simplest and easier to use (overall experience)
» More flexible (lightweight)
» Eco-friendlier (manufacturing, lifespan, recyclable)
» More economical (reusable as much as needed)
» Much easier to join together (dual Velcro fastening system)
» Aesthetically appealing (style, colors, etc.)
» Easier to clean, store and maintain
» Easier to install, regardless of the nature of the ground or obstacles available on the site (trees, wall, non-movable objects, etc.).

Over 20 years of experience working for you.
Cleaning
Minimal maintenance is needed when using the barrier. We recommend to clean them after each use with clear water and a proper disinfectant.

Dirt and mold do not affect the integrity of the barrier. But they may cause bad odors.

To prevent mold on a wet barrier, make sure it dries out thoroughly before storing it.

Velcro joints
Pay close attention to the Velcro joints, ensuring these are cleaned with a jet wash. The Velcro must be cleaned so that the barriers can be re-joined effectively.

Indeed, when poorly cleaned, the debris trapped in the joints will prevent them to be completely sealed, and thereby create a path on which water will sneak through.

Protection
UV rays remain the most damaging element for the barrier and its components. The material that is used in the manufacturing is the same as truck tarps and can resist heavy tough conditions. Extended exposure of the product will affect its longevity and proper storage is important to limit exposure to UV rays. The use of crates is strongly recommended.

Repair
In case of tears, the barrier is easy to repair, even when in use. Simply insert a piece of PVC inside the barrier. The water pressure will exert a force and then seal the tear.

For a long-term repair, use an additional piece of PVC and a two-side polyurethane adhesive to seal the tear. Most local tarp manufacturing and service company are equipped for such repairs.

Warranty
Water-Gate barriers are warranted for two (2) years against all manufacturing defects. Each barrier is manufactured and inspected according to the highest standard of quality.
What our clients say about us.

“It’s been worth every penny, he said. “If I had water in my walk-in basement, it would cost me a lot more money, time and aggravation to get it fixed.”

Maurice Lavigne, residential user. Canada.

“The service we had was very good, communications were excellent and they treated us in a responsible and professional way”.

Trevor Palmer, SADS Project manager. United Kingdom.

“We were able to deploy it rapidly which meant that works could be undertaken without delay. Both colleagues and contractors were all very impressed with the both the deployment speed and also the results it offered.”

Adam Bayliss, First responder. United Kingdom.

“The Water-Gate was really the perfect solution comparing to the different proposals that have been made to us. You roll out and the rest is done alone!”

Dominique Six, industrial user. France.

“Having the Water-Gate Dam in our arsenal allowed us to show up on site, assess the impact and stop the flow of oil downstream within 10 minutes. I will continue to use the Water-Gate Dam each and every time we have an impacted waterway.”

Deployment crates

The crate enables covering long distances within few minutes. This low-cost solution is simply the perfect tool for large deployment in flash flood situation.

Equipped with wheels that facilitate Water-Gate’s barriers transport and deployment, crates enable to cover on average, more than 300 ft. (100m) of flood barriers. These crates can be set on a trailer, truck bed or directly set on a forklift.

Weirs / Spillway

Weirs are installed on top of the water barrier and allow you to manage the water surplus downstream while creating a dry area.

This system replaces a high flow pump and removes up to 90 liters/second (1200 Imperial gallons or 1440 US gallons per minute).

A plus for the environment.

Ballasting bag

The ballasting bag was designed to create a uniform weight throughout the length of the barrier. It enables the barrier to match the shape of the terrain on which it lays. This is needed to reduce infiltration and prevent the lift of the ground tarp and potential fail.

A full ballasting bag weighs 30 lbs. (13.5kg). When laid on the ground, it covers a surface of 9” x 10’ (23cm x 300cm). When rolled up, the width is 9”x11” (23cm x 28cm). It is made of polyester mesh and can be handled hundreds of times.

Lateral handles

Lateral handles are convenient to fix upward or attach the extremities of the barriers to anchor points when going up a wall or other supports.

From 4 to 9 lateral handles per side can be used on our different models when necessary,

Other accessories available on www.water-gate.com
WE LIKE IT SIMPLE
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