



Flood Control Systems

Flood Control Systems consists of flexible, reusable 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 using a fire hydrant, transfer pump, water truck, or any other locally available water source. Trap bags can also be used in flood fighting efforts.

Lead Time Requirements

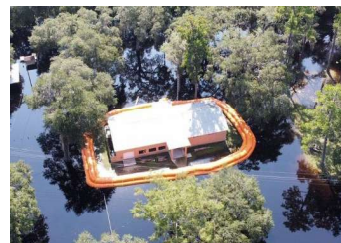
There are many factors that impact how long it takes to install the dams. In general, FDEM needs at least 48 to 72 hours advance notice (depending on the scope of deployment) to package, deliver, and install the equipment. The average team size required to install the flood barriers is six technicians.

Prepare Early

A recommended best practice for any jurisdiction interested in using flood barrier devices is to coordinate with FDEM early. FDEM may be able to provide guidance or assistance with conducting a site survey.

Site Survey Considerations

The installation site should be free of large obstructions within 10 feet of the system. Systems should not be installed in water deeper than half its height. The county will need to mark underground utilities before installation, even for private property.



WebEOC Details



Is the property already flooded?
How much time is expected before flooding occurs?



What water sources are nearby (e.g., hydrant, river, pond)? How far away is the source? Can we use it?



Is the structure public or private? Is it residential, commercial, critical infrastructure, etc.)?



What is the maximum expected depth of flood water? Will it be static or moving water?



How many linear feet of flood barrier are needed? Do you need a complete or partial perimeter?



Where is the access point(s)? Will vehicles be able to drive around or through the site?



Is the property sloped or on a hill? What is the highest and lowest points on the property?



To what type of ground surface will the flood barriers be anchored (e.g., asphalt, sand, soil, etc.)?



Will the local jurisdiction or State provide the water trucks, hoses, or pumps needed to fill the dams?