

CITY OF ENGLEWOOD FLOODPROOFING TECHNIQUES

INFLATABLE AND REMOVABLE FLOOD CONTROL

DESCRIPTION:

This type of flood control methods inflates or is removable or movable at will. This includes sand bags, inflatable bags, plastic barriers, etc.

Applicable for small areas of residential lots where flood protection is desired and permanent walls or berms are not practical. Also in public streets where diversion has been deemed appropriate and beneficial.

CHARACTERISTICS:

- Removable – can be stored and placed before a flood occurs
- Can fully or partially block flows or control releases
- Can be used for commercial and residential buildings
- Large flood flows risk movement of removeable devices
- Can be easily damaged or moved by debris
- Requires the fast action of homeowner or agency, so physical presence onsite is needed while high runoff is occurring. Most storm runoff events come and go within one or two hours so timing is critical, limiting their use in cases where homeowner may not be present during a storm or when the agency does not have staff to install during storm events.

Cost of Removable Flood Control Devices	
Item	Cost
Residential Quick Dam	\$25
Watergate Flood Barrier	\$1000
HydraBarrier	\$109
Watergate QuickDam	\$1300-3800



5



5



17



16



5



5