

# FLOOD MANAGEMENT



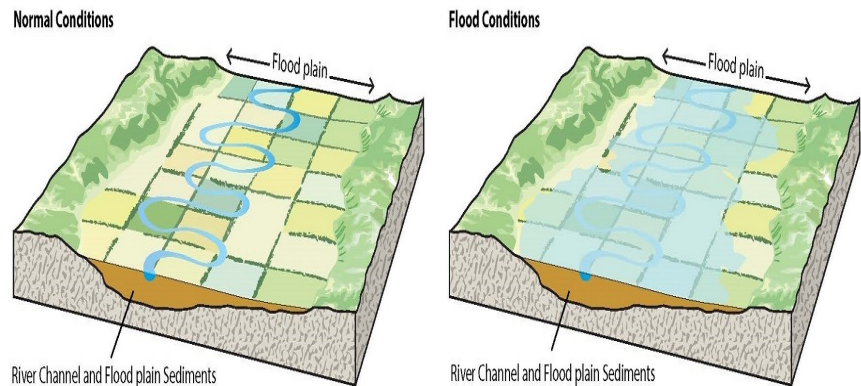
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## Flood Plains

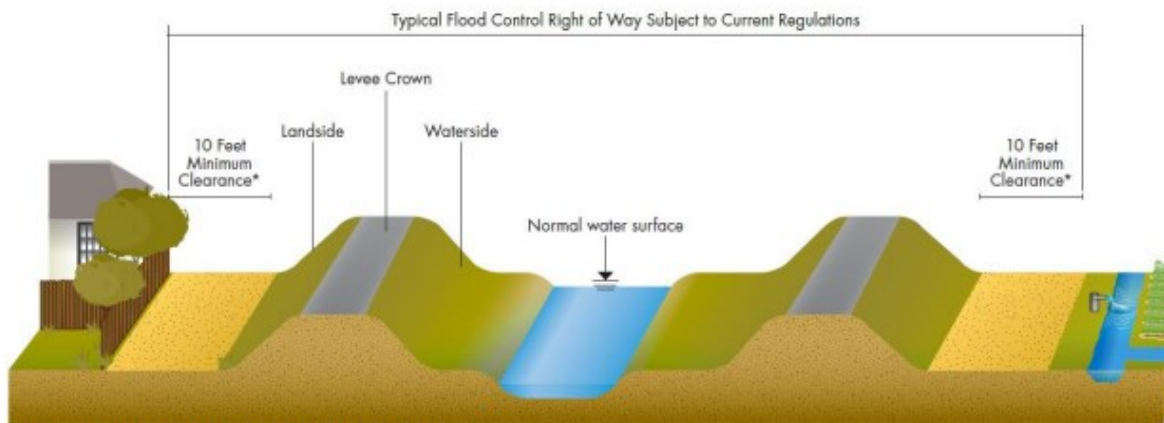
Natural floodplains provide numerous benefits to infrastructure and the environment. However those lands have been lost to agriculture and urban development. Natural floodplains slow runoff throughout the basin by dispersing it across the land. Unfortunately when streams are channelized with out proper maintenance they lose the natural flood control benefits. Know your land, its functions, and always be aware of your surroundings.

## What is a flood plain?



## Exhibit 7.1: Typical Flood Control Right of Way Subject to Current Regulations

Levee/Flood Channel cross-section showing the minimum 10-foot clearance



Central Valley Flood Protection Board, 2015

### Q: What is a levee?

A: It is an embankment built to prevent the overflow of a river.

### Q: How does the County manage the levees ?

A: General O&M include:

- ◆ Levee patrolling
- ◆ Emergency flood fights as needed
- ◆ Mowing grasses, control of weeds with herbicides
- ◆ Removal of excess woody growth within the levee easements
- ◆ Maintenance of levee roads

## Levees

HPUL land is within the County's Middle Creek Flood Control Project with approximately 14 miles of levee system that include Zone 8 and MA17 assessment zones. Zone 8 is managed by Lake County Water Resources and MA17 by California Department of Water Resources (DWR). You can find more information at <https://www.lakecountyca.gov/1234/Middle-Creek-Flood-Control>, email at [water.resources@lakecountyca.gov](mailto:water.resources@lakecountyca.gov), or call (707) 263-2344.

Information on levee evaluation program, conducted by DWR and US Army Corps of Engineers (USACE) can be found at: <https://water.ca.gov/Programs/Flood-Management/Maintenance/Levee-Inspections>.