

CENTRAL VALLEY FLOOD PROTECTION BOARD

3310 El Camino Ave., Ste. 170
SACRAMENTO, CA 95821
(916) 574-0609 FAX: (916) 574-0682



September 18, 2017

As a result of high water in 2017, many Central Valley levees and other critical flood system facilities were damaged. Through the Department of Water Resources' (DWR) Emergency Rehabilitation Program for the 2017 storm damages, DWR has performed a site reconnaissance of levee damages reported by the Local Maintaining Agencies (LMAs) and prioritized those sites as "critical", "serious", or "area of concern". In coordination with DWR's efforts, the United States Army Corps of Engineers (USACE) identified critical storm damage sites that qualify for Public Law (PL) 84-99 assistance and these critical sites are anticipated to be addressed by USACE in 2017. Although State and federal rehabilitation efforts will repair most of the identified critically damaged sites, some of these critical sites, in addition to the serious and area of concern sites, will not be repaired and need contingency planning in preparation of emergency response should it be needed this coming winter. This letter describes the contingency planning recommendations from DWR.

Recommended levee contingency plan contents include the following:

- Contact information and communication strategy
- Levee patrolling, marking, and monitoring strategy
- Flood fight strategies and supply needs
- Assistance request strategy

With lessons learned through the high water of 2017, better information exists for current conditions of the levees. The LMAs, in partnership with the State, need to have a contingency plan in place to address these sites that may need flood fighting this next flood season. The State's role in the contingency plan is to be prepared to assist in the case of an emergency. DWR will follow the Flood Threat Mitigation Process when assisting with specific levee incidents. With the latest information in our database with known locations of damage, the State is better prepared to pre-position resources and assist LMAs for a quicker response.

The following information is attached to identify locations where contingency plans should be prepared:

- Map identifying the locations of storm damages within your area.
- Table of those locations describing the DWR site designation, levee mile, latitude and longitude, repair type, and the USACE or DWR rating for that site.
- Figure showing DWR's prioritization approach to help clarify DWR's ratings, based on geotechnical considerations:
 - Critical sites present a significant possibility of failure during the next high water event if not repaired.
 - Serious sites have the potential to become critical if not repaired.
 - Area of concern sites have problems and need periodic monitoring.

Contingency planning for emergencies is key to preparedness and it is essential that each LMA have a plan which follows the Standard Emergency Management System (SEMS). Responsibility starts at the local level but can be elevated if needed. LMAs are expected to stockpile flood fight materials and identify resources prior to the flood season. If an LMA exhausts their flood fight capability and cannot obtain additional flood resources, they should request additional resources from their county Operational Area (OA) manager. The OA will provide flood fighting resources to the LMA, to the extent possible, from within the OA, i.e., from county, cities and special districts. In the event the OA cannot adequately support the flood fight, State resources shall be requested thorough the REOC or the State-Federal Flood Operations Center (FOC). The Office of Emergency Services (OES) may task a State agency to provide the resources to the OA.

If you should have any further questions regarding contingency planning, please contact Sterling York at (916) 574-2326. Questions and comments on the 2017 Storm Damage DWR Emergency Rehabilitation program should be sent to leveerepair@water.ca.gov or (916) 838-5509.

Sincerely,



Mary Jimenez, P.E.
Acting Chief Engineer
Central Valley Flood Protection Board

cc: (via electronic mail)

Paige Caldwell, U.S. Army Corps of Engineers
David Wheeldon, California Department of Water Resources
Leslie Gallagher, Central Valley Flood Protection Board
Mitra Emami, Central Valley Flood Protection Board
Kelly Soule, Central Valley Flood Protection Board

Attachments:

LMA Site Map
LMA Site List
DWR's Prioritization Approach

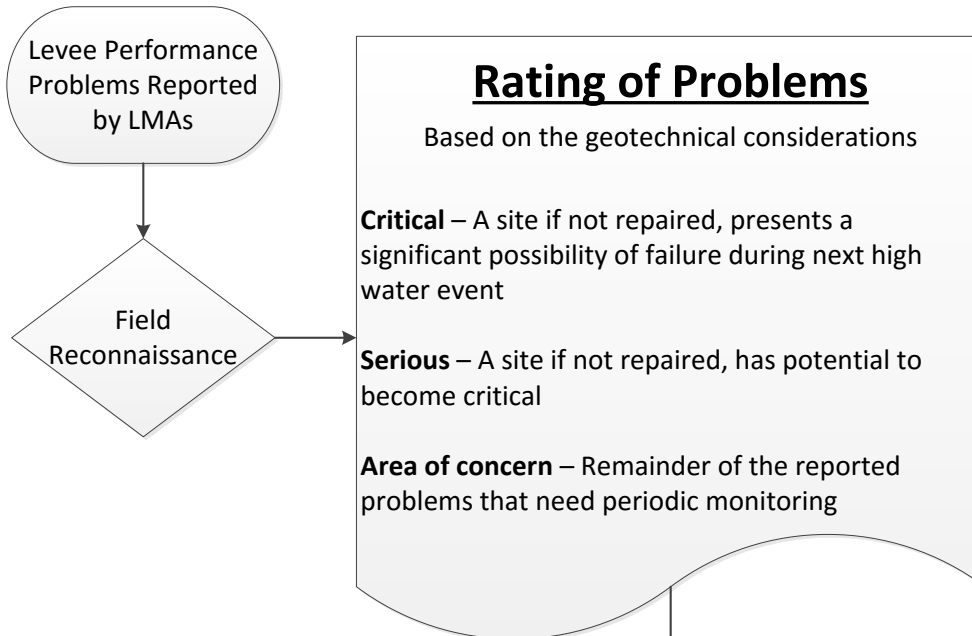
2017 Storm Damage DWR Emergency Rehabilitation: LMA Site List

LMA	Source	Site Designation	Waterway	LMA Short	RepairType	Description	Start Latitude	Start Longitude	Start Levee Mile	Levee Unit	Rating
RD1001 - Nicolaus	LMA Reported	LMA-15	Yankee Slough	RD1001	Erosion		38.975019	-121.481066	0.74	1	Serious
RD1001 - Nicolaus	LMA Reported	LMA-19	Feather River	RD1001	Erosion		38.876374	-121.613425	5.61	4	Area of Concern
RD1001 - Nicolaus	LMA Reported	LMA-20	Feather River	RD1001	Seepage		38.838	-121.633051	8.48	4	Serious
RD1001 - Nicolaus	LMA Reported	LMA-21	Bear River	RD1001	Erosion		38.946751	-121.563825	12.14	3	Critical
RD1001 - Nicolaus	PL84-99 - Active	RD 1001-01	Feather River	RD1001	Erosion		38.78383	-121.61224	12.86	4	USACE Priority 2
RD1001 - Nicolaus	PL84-99 - Active	RD 1001-02	Natomas Cross Canal	RD1001	Seepage (B)		38.81141	-121.56291	3.14	5	USACE Priority 2
RD1001 - Nicolaus	LMA Reported	RD 1001-03	Natomas Cross Canal	RD1001	Erosion		38.8281	-121.53474	5.04	5	USACE Priority 3
RD1001 - Nicolaus	DFM Rehabilitation	USACE_CESPK_NIC2_2012_p_0218	Yankee Slough	RD1001	Erosion		38.96567	-121.53313	3.61	2	Area of Concern

2017 Storm Damages-DWR Emergency Rehabilitation Program

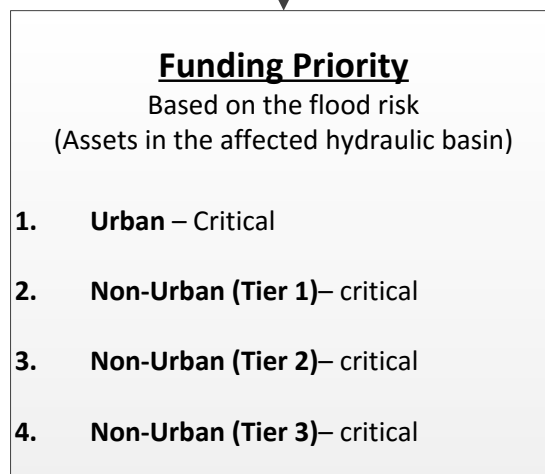
Prioritization Approach

Step 1 Geotechnical Site Classification



Note: For detailed information on geotech classification, refer to FSRP Prioritization Step 2 Technical memorandum.

Step 2 Funding Priority



Note: For detailed information on NonUrban Tier categories, refer to FSRP Prioritization Step 1 Technical Memorandum.

Note: All critical Sites will be addressed by one of the following actions:

- A. Repair
- B. Interim repair to stabilize the site
- C. Plan for emergency response