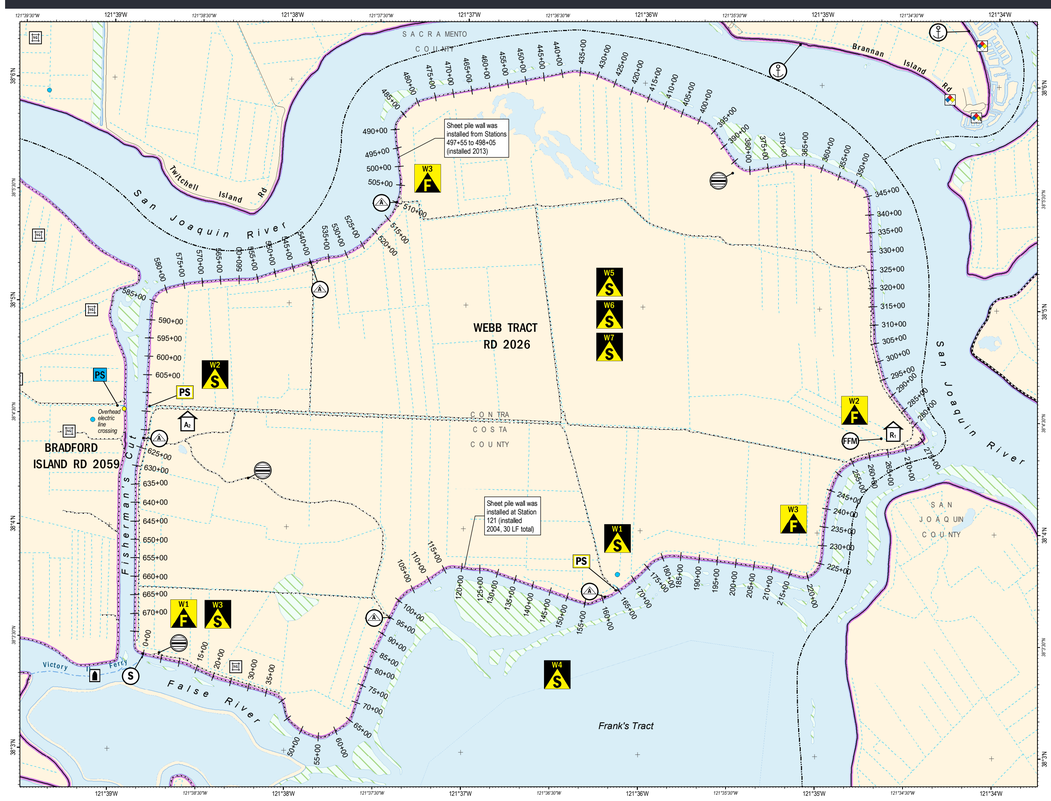
PUBLIC SAFETY

FLOOD CONTINGENCY



S B.1. STAGING AREAS

The following sites have been identified for use as staging areas for incoming resources.

STAGING AREA
Staging would occur near the ferry slip at station 0+00.
38°03'25.48110600"N, 121°38'48.01351560"W

DP B.2. SUPPLY DELIVERY LOCATION

The following sites have been identified for use as supply delivery points for incoming resources.

No Known Supply Delivery Points in Map Extent

B.3. STOCKPILE RESOURCES

The following sites have been identified as pre-existing earthen material/fill material stockpiles.

RIP RAP STOCKPILE
In an event where additional on-island fill materials is needed, fill material is located on the western portion of the island.
38°03'25.86519000"N, 121°38'42.51526080"W

EMERGENCY FILL
In an event where additional on-island fill materials is needed, fill material is located on the western portion of the island.
38°04'12.93881880"N, 121°38'13.11270720"W

RIP RAP STOCKPILE
In an event where additional on-island fill materials is needed, fill material is located on the north eastern portion of the island.
38°05'36.22355880"N, 121°35'30.01182360"W

FFM B.4. FLOOD FIGHT RESOURCES

The following sites are designated equipment resources in a flood fight scenario.

FLOOD FIGHT STAGING
Inventory meets DWR requirements: Visqueen, sandbags, twine, stakes, tie buttons, pliers, sledge hammers, shovels, life vests, survey lathe, flagging tape, markers, pencils and pads, spotlight, tool box and lock.
38°04'25.42042920"N, 121°34'38.62774560"W

B.5. HAZMAT LOCATIONS

The following sites have been identified as containing hazardous materials.

No Known HazMat Locations in Map Extent

C.1. COMMUNICATIONS SUPPORT

COUNTY OFFICES

CONTRA COSTA COUNTY SHERIFF'S OFFICE/DEPARTMENT
Evacuation
925.335.1500, Information
925.646.2441, Emergency

CONTRA COSTA COUNTY FIRE PROTECTION DISTRICT
Evacuation/Rescue
925.941.3330

CONTRA COSTA COUNTY OFFICE OF EMERGENCY SERVICES
CCC OES
925-228-5000, 24-HOUR

CONTRA COSTA COUNTY PUBLIC WORKS DEPARTMENT
Debris Management
925.427.8562

COUNTY ICS/EOC OPS

CONTRA COSTA COUNTY
925.646.4461, Office
925.228.5000, 24-Hour

SAN JOAQUIN COUNTY
209.953.6200, Office,
209.468.4400 Emergency

YOLO COUNTY
530.406.4930, Office
530.666.8920 24-Hour

SACRAMENTO COUNTY
916.874.4670, Office
916.875.5000, Night
916.875.6900, Night

SOLANO COUNTY
707.784.1600, Office
707.421.7090, Night

RESPONSE SUPPORT

AMERICAN RED CROSS
Sheltering
800.733.2767

DWR STATE-FEDERAL FLOOD OPERATIONS CENTER
Coordination for Support
916.574.2619

CALTRANS
Evacuation/Bridge Support
916.654.2852

CALIFORNIA CONSERVATION CORPS
Environmental/ Disaster Response
916.341.3100

LMA CONTACTS

BIXLER TRACT (RD 2121)
Tom Bloomfield
925.550.5540

BIMID
Regina Espinosa
925.684.2210
Lawrence Martins
925.383.8310

BRADFORD ISLAND (RD 2059)
Dominick Gulli
209.478.6525
Bus. 209.649.4555, Bus. Cell

BYRON TRACT (RD 800)
Jeff Conway
925.584.8542 Bus.

CONEY ISLAND (RD 2117)
Dante Nomellini
209.465.5883, Bus.
809.969.7755, Bus. Cell

DUTCH SLOUGH (RD 2137)
Nate Hershey
916.456.4400

HOLLAND TRACT (RD 2025)
David A. Forkel
925.932.0251
925.693.9977

HOTCHKISS TRACT (RD 799)
Dina Holder
925.684.2398

JERSEY ISLAND (RD 830)
Chad Davidson
925.625.2279
ER Contact
925.727.2938

PALM-ORWOOD TRACT (RD 2024)
Dante Nomellini
209.465.5883, Bus.
809.969.7755, Bus Cell

QUIMBY ISLAND (RD 2090)
Al Warren Hoslett
209.943.5551, Bus.

VEALE TRACT (RD 2065)
Dante Nomellini
209.465.5883, Bus.
809.969.7755, Bus Cell

WEBB TRACT (RD 2026)
Al Warren Hoslett
209.943.5551, Bus.

WINTER ISLAND (RD 2122)
Robert Calone
925.432.3300

W A.1. SPECIAL FLOOD CONSIDERATIONS

W1 - PUMP STATION 1
Located near Station 165+00. These discharge pumps may be used during a major flood event; however, additional pumps would be needed to dewater the island.

W2 - PUMP STATION 2
Located near Station 614+00. This discharge pump may be used during a major flood event; however, additional pumps would be needed to dewater the island.

W3 - EVACUATION CONSIDERATIONS
Webb Tract is not linked by bridges to the mainland. Access to and from Webb Tract is dependent on the Delta Ferry Authority, which provides ferry service. Primary exit route located at ferry slip at station 0+00. A duck club is located on the southeast levee, and a farming complex is located on the western portion of the island.
The Victory II Ferry is made available to local farmers, contractors, and employees. Ferry service is not guaranteed and is subject to availability of captain/crew, weather and other safety issues, and mechanical failures. After-hour service may be required if Webb Tract needs to be evacuated.

W4 - FETCH FROM OPEN WATERS
The wave fetch is relatively short on the western portion of the island, along Fisherman's Cut. Fetch is significantly greater over much of the remainder of the District. The southern portion of the island has a wave fetch of up to 3.5 miles across Franks Tract. Channel widths generally vary from 400 to 3,250 feet. The levees are armored with riprap.

W5 - GENERAL LEVEE CONDITIONS
There is no levee certification status for Webb Tract. The levee crown generally meets the requirements of the Hazard Mitigation Plan configuration, and many areas are compliant with PL 84-99 and Bulletin 192-82. The District continues to rehabilitate and maintain the levees as funds permit.

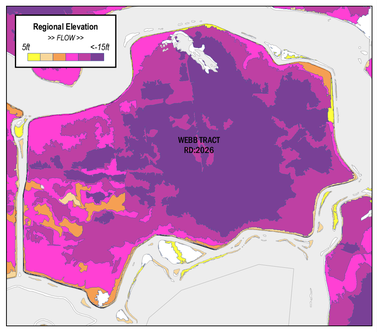
W6 - GENERAL INFRASTRUCTURE
Infrastructure includes pumping stations for drainage and associated electrical lines.

W7 - GENERAL FLOOD THREATS
The flooding threat is predominantly tidal, with some local runoff that can influence conditions. The San Joaquin River could pose a riverine flooding threat. Franks Tract is located to the south. This large expanse of open water can create erosion due to wind/waves.

LOCAL TOPOGRAPHY

The general elevation ranges are shown by shading within the levee maintenance area below. General areas of high ground and low ground can be derived from the mapping presented below. Large floods, or a dam failure, could result in extreme flood depths. Flood depths may also be significantly greater in depressions such as channels or road cuts or next to obstructions such as railroad embankments. Flood depths may also be significantly less, depending on individual variations in terrain or where structures are raised above general ground elevation.

MAP DATA SOURCE: DRMS Risk Report [URS/JBA 2008c]



F B.1. FLOOD CONTINGENCY OPTIONS

W1 - OVERTOPPING
Overtopping due to tide action or weather could occur at this location.
ACTIONS
The District maintains stockpiles of riprap on the island and has equipment available to perform levee maintenance and repairs.
Temporary Earthen Levee Material Required:
4000 feet of temporary earthen levee (2ft high x 4ft wide) will require approximately 80 rolls of 10 mil plastic sheeting, 1200 sandbags, and 180 cubic yards of fill. Approximately 22.2 cubic yards of fill for sand bags and 157.8 cubic yards of fill for visqueen fill.

W2 - HIGH WATER EVENT
Multiple high water events caused by large volumes of discharge from regional and local drainage system, coupled with tides and low atmospheric pressure. Vulnerable area approx.. 5,000 FT. Muscle wall or temporary earthen levee is recommended.
ACTIONS
1. Activate workforce for levee patrols.
2. Prepare resources for temporary earthen levee or muscle wall.
Muscle Wall Material Required:
5000 feet of temporary levee will require approximately 834 segments of muscle wall, 8340 sandbags, and 4170 cubic feet of sand.
OR
Temporary Earthen Levee Material Required:
5000 feet of temporary earthen levee (2ft high x 4ft wide) will require approximately 100 rolls of 10 mil plastic sheeting, 1500 sandbags, and 225 cubic yards of fill. Approximately 27.8 cubic yards of fill for sand bags and 197.2 cubic yards of fill for visqueen fill.

W3 - BOIL FROM SEEPAGE THROUGH LEVEE
Boil events caused by large volumes of discharge from regional and local drainage system, coupled with tides and low atmospheric pressure. Not associated with wind generated waves and erosion. Response to boils require sack ring, or boil ring, to control water flow and pressure through levee to minimize transport of fine material through seepage that has uncontrolled flow of water and transport of levee material. Tides and low pressure can play a part in both wind and seepage impact potential. Potential at station 505+00 and 230+00.
ACTIONS
1. Protect and isolate seepage area with boil sack ring.

C. REPAIR CONTRACTORS & MATERIAL SUPPLIERS

FLOOD FIGHT LABOR

Labor Ready Sacramento
916.374.9501

Labor Ready Concord
925.827.2352

Labor Ready Oakland
510.981.8226

REPAIR CONTRACTORS

Dutra Group
160 River Rd, Rio Vista, CA
707.374.5127

Teichert Construction
24207 County Rd 100A, Davis, CA
530.406.4200

Teichert Construction
4401 Duluth Ave, Roseville, CA
916.645.4800

Teichert Corporate Office
3500 American River Dr, Sacramento, CA
916.484.3011

MATERIALS SUPPLIERS

Dutra Materials
615 River Rd, Rio Vista, CA
707.374.6964

Dutra Materials
1000 Point San Pedro Rd, San Rafael, CA
415.459.7740

Syar Industries
16560 County Rd 89, Esparto, CA
530.787.2020

Syar Industries
885 Lake Herman Rd, Vallejo, CA
707.643.3261

Teichert Aggregates
4249 Hammonton Smartville Rd, Marysville, CA
530.743.6111

Teichert Aggregates
3331 Walnut Ave, Marysville, CA
530.749.1230

Teichert Aggregates
3417 Grant Line Rd, Rancho Cordova, CA
916.351.0123

Teichert Aggregates
13333 White Rock Rd, Rancho Cordova, CA
916.985.2052

Teichert Aggregates
8760 Kiefer Blvd, Sacramento, CA
916.386.6905

Teichert Aggregates
35030 County Rd 20, Woodland, CA
530.661.4290

Teichert Ready Mix
8950 Cal Center Dr, #165, Sacramento, CA
916.361.5000

LOCAL SUPPLY PROVIDERS

Ace Hardware
Antioch
501 Sunset Dr, Antioch, CA
925.757.2500

Ace Hardware
Brentwood
8900 Brentwood Blvd, Ste J, Brentwood, CA
925.634.3201

Ace Hardware
Oakley
305 5th St, Oakley, CA
925.625.2449

Ace Hardware
Pittsburg
125 E Leland Rd, Pittsburg, CA
925.432.6089

Lowe's
Antioch
1951 Auto Center Dr, Antioch, CA
925.756.0370

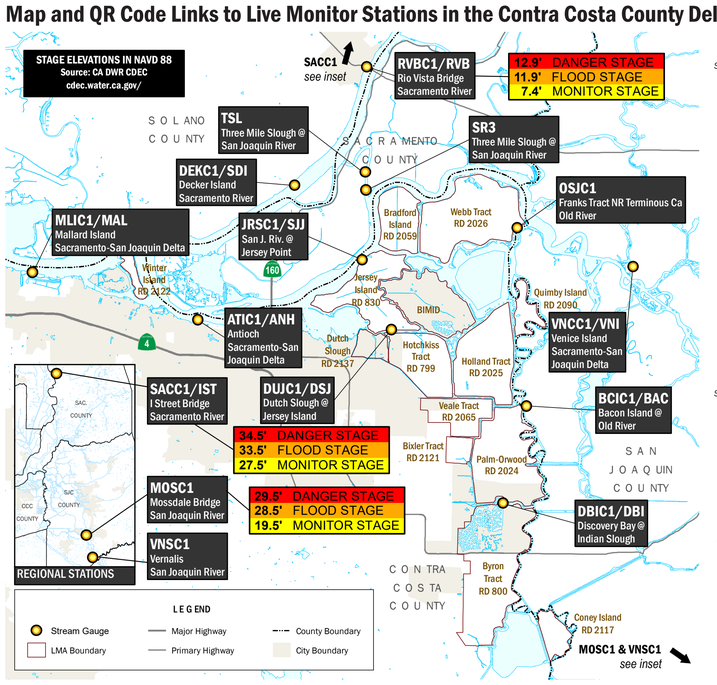
Lowe's
Antioch
5503 Lone Tree Way, Antioch, CA
925.779.6060

Home Depot
Brentwood
5631 Lone Tree Way, Brentwood, CA
925.513.6060

Home Depot
Pittsburg
2300 N Park Blvd, Pittsburg, CA
925.473.1900

Regional Stream Monitor Stations

Map and QR Code Links to Live Monitor Stations in the Contra Costa County Delta Region



ATIC1/ANH
Antioch
Sacramento-San Joaquin Delta
LIVE CHART

BCIC1/BAC
Bacon Island @ Old River
Old River
LIVE CHART

DBIC1/DBI
Discovery Bay @ Indian Sl.
Indian Slough
LIVE CHART

DEKC1
Decker Island
Sacramento River
LIVE CHART

DUJC1/DSJ
Dutch Slough @ Jersey Island
Dutch Slough
LIVE CHART

JRSC1/SJJ
San Joaquin River @ Jersey Point
San Joaquin River
LIVE CHART

MLIC1/MAL
Mallard Island
Sacramento-San Joaquin Delta
LIVE CHART

MOSC1/MSD
Mossdale Bridge
San Joaquin River
LIVE CHART

VNCC1/VNI
Venice Island
Sacramento-San Joaquin Delta
LIVE CHART

OSJC1
Franks Tract, Terminous
Old River
LIVE CHART

RVBC1/RVB
Rio Vista Bridge
Sacramento River
LIVE CHART

SACC1/IST
I Street Bridge
Sacramento River
LIVE CHART

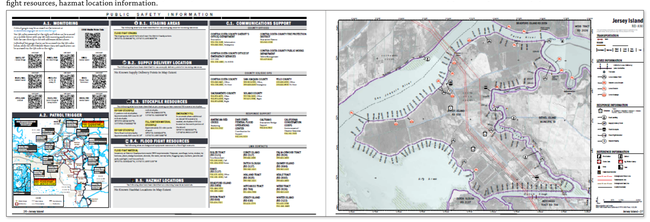
Contra Costa County Levee Maintaining Agencies

Key To Companion Mapbook Design & Pages

PUBLIC SAFETY SPREAD

LEFT PAGE
Presents links to live stream level monitoring information along with communications support information. Provides additional information about features found on corresponding map (right page) including staging areas, supply delivery locations, stockpile resources, flood fight resources, hazmat location information.

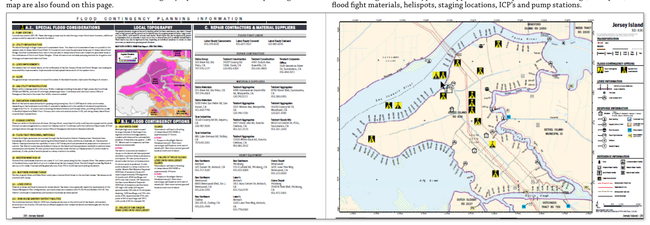
RIGHT PAGE
Map of public safety information for the LMA including general road basemap, levee locations and measured levee stationing, and response information.
General evacuation routes and rally points are provided for populated LMA's.



FLOOD CONTINGENCY PLANNING INFORMATION SPREAD

LEFT PAGE
Presents the general topography the LMA along with repair contractor and material supplier information.
Special Flood Consideration and Flood Contingency Option narratives corresponding to the map are also found on this page.

RIGHT PAGE
Map of Special Flood Considerations and Flood Contingency options in addition to general road basemap, levee locations and measured levee stationing, and flood response information including - structure types and approximate occupancies, boat landings, stockpiles, flood fight materials, helispots, staging locations, ICP's and pump stations.



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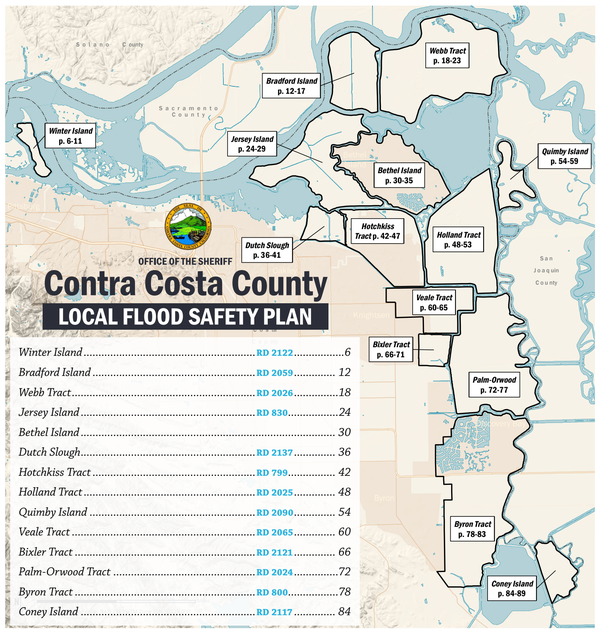
Michael Baker INTERNATIONAL
Dynamic Planning + Science



WEBB TRACT