

SPECIAL CONSIDERATIONS

All-weather Road
The levee has an all-weather road on the crown. No interior roads have gravel.

Power
PG&E lines run into Medford from McDonald Island, and splits on the south levee. This power source supplies power to the pumpstation and the District duck club on the north levee.

Ship Traffic Levee Damage
Movement of heavy ships through the Stockton Deep Water Channel causes ongoing shifting of material at the base of levee. This ongoing erosion presents a constant threat to levee stability along the channel.

Pumping Stations
The District has two pumps at its pumping station on the west levee at station 93+00. Water may pond up on the south end of the District and may require monitoring during prolonged flooding and rainfall events. Temporary pumps may need to be installed on the south end of drainage system to support dewatering after a major flood event.

COMMUNICATION PLAN

The District does not own communications equipment. Internal communication will be personal cellular telephones. Communications with outside jurisdictions will be personal cellular telephone use, or coordination at Central Delta Flood Fight Command, Emergency Operations Center or other public safety meeting.

PATROL PLAN

Superintendent coordinates patrol schedules and sectors upon high water alerts. Patrol meets at the duck club, as shown. The District has enough staff to maintain patrols. Communication will be personal cellular telephones.

When Venice Island Gauge reaches 8.65', the District Chairman will alert the District Board of Trustees and staff. The Chairman will also issue a Delegation of Authority letter appointing District Incident Commander. District staff will be activated and be instructed to initiate periodic focused levee inspections.

When Venice Island Gauge reaches 9.15', staff will initiate 24-hour levee patrols.

If there is a potential threat to the island, the Incident Commander will contact the San Joaquin Sheriff Department, and San Joaquin County OES. If a problem is identified the Incident Commander will contact the State-Federal Flood Operations Center.

Lath Protocol
Consistent with DWR's Levee Threat Monitoring Guidelines:

- Red-Boil/Seepage
- Blue-Rock Slippage
- White-Slope/Levee Distress

EVACUATION PLAN

The San Joaquin County Sheriff's Department are responsible for alerting, warning, and evacuation of the public within Medford Island. The only way off the island is via boat or barge at Station 0+00 or the clubhouse near Station 8+00. The closest county road access is on Empire Tract. Once on Empire Tract, the primary evacuation route is east on Eight Mile Road. In the event Eight Mile Road on Empire Tract is flooded, the south levee can be used as an emergency evacuation route to Eight Mile Road Bridge crossing Honker Cut.

FLOOD FIGHT HISTORY

The District flooded once in 1936.

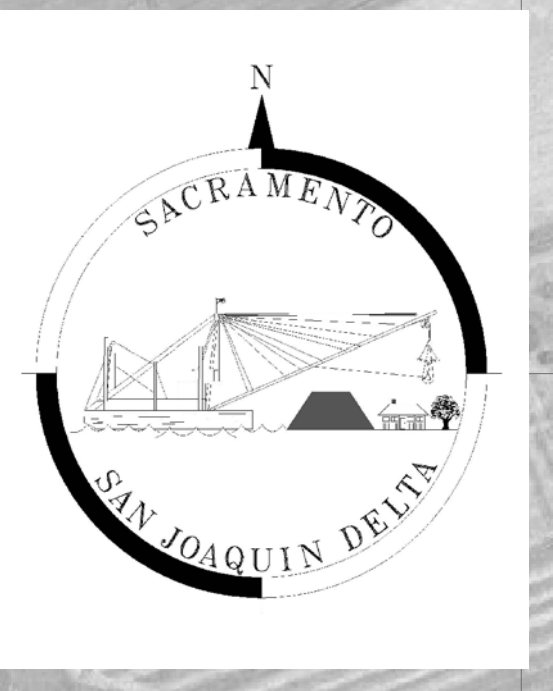
NOTE ON LEVEE STANDARDS

The District meets and exceeds the minimum HMP Levee Standard. The District met HMP with a major rehabilitation project completed in 2015.

DISTRICT DEWATERING PLAN

Once all levee failure locations are repaired and stabilized, emergency pumps will be transported to one or both of the two low spots specified on the Flood Contingency Map to dewater the Island. The emergency pump locations identified are the lowest spots on the Island.

- Legend**
- 100 Year Flood Elevation
 - Command Post
 - Logistics Base
 - Supply Delivery Point
 - Supply Staging Area
 - Helispot
 - Structures
 - Levee Access
 - Seepage Area
 - Historic Levee Breach
 - Relief Cut
 - Current Erosion Area or as Labeled
 - Planned Emergency Berm
 - Levee
 - Dry Land Levee
 - Dry Land Levee Critical Section
 - Problematic Levee Sections
 - Levee Crown Elevation
 - Field Elevations
 - Elevation Contour
 - Natural Gas Well Site
 - Pump Station - Municipal Supply
 - Pump Station - Municipal Storm
 - Pump Station - Rural Drainage
 - Pump Station - Emergency
 - Water Well
 - Landing
 - Boat Ramp
 - Sanitary Sewer Lines
 - Storm Drain Lines
 - Water Lines
 - Electric Lines
 - Underground Fiber Optics
 - Overhead Utility
 - Underground Gas Line Alignment
 - Navigation Light
 - Navigation Light
 - Fuel Tank
 - Ferry Crossing
 - CELL
 - PG&E
 - Reclamation District/All Weather Road
 - All Weather Road
 - Primary Evacuation Route
 - Secondary Evacuation Route
 - Best Location for Barge Placement



0 600 1,200
Feet

1 inch = 300 feet

Central Delta
Unified Flood Fight Command
Holt Station
Latitude: 38°09'39.30"
Longitude: 121°24'01.43"

100 YR. FLOOD ELEVATIONS

Location	USGS Gauge	Elevation
San Joaquin River at Venice Island	VNI	10.1
San Joaquin River at Three River Reach		10.1'
Middle River at Columbia Cut		10.1'
Whiskey Slough at San Joaquin River		10.1'

Horizontal and Vertical Data

Horizontal - Map is projected to California State Coordinate System Zone 3 NAD 83 (US Feet)

Vertical - Published elevations are on NAVD 88 (US Feet)

SUPPLY AND DELIVERY POINT(S)

The delivery of supplies and flood fight resources will be staged on Medford Island at station 0+00. Supplies will be transported via barge from the District's ferry slip on Empire Tract, near Light 11, station 387+50, to the staging area on Medford Island at Station 0+00.

TACTICAL PLANS

The District's tactical plan is to ensure access control and evacuation routes are cleared for use. The District will flood fight any overtopping, erosion, seepage issues while utilizing local flood fight supplies and stockpiles. If any identified flooding is occurring, access along the District levee must be maintained to allow evacuation of the District. The District will coordinate with the SJOA through the Central Delta Flood Fight Command.

FLOOD CONTINGENCY OPTIONS

High Water Event

The general flood fight strategy will be to maintain the District levees.

Actions

- Establish levee patrol in accordance with patrol plan.
- Participate in Central Delta Flood Fight Unified Command with command post at Holt Station.

Failure of Primary Levees

The general flood fight strategy will be to stabilize and repair breach, install emergency pumping capacity, and protect interior slopes of primary levee system.

Actions

- Assist with evacuation of island.
- Stabilize and repair breach.
- Install emergency pumping capacity at emergency pumping station location.
- Lay visquine on interior slopes of primary levee system to protect from wave wash from impounded waters.