Communications Plan

Field Command Posts

RD 2023	Adjacently west of ferry crossing landing	121° 30' 10" W	38° 3' 37" N

Communications Equipment

The District does not own communications equipment.

Internal Communications

Means of internal communications among district staff and levee patrols will be personal cellular telephones. Telephone numbers will be assigned for response functions at the time of activation.

Communications with outside Jurisdictions

Primary means of communications with outside jurisdictions will be personal cellular telephones. Secondary means of communications will be attendance at the North Delta Unified Flood Fight Command meetings.

Flood Fight History

1900–1910	Venice Island was initially reclaimed and intermittently flooded between 1900 and 1910; March 3rd 1904, July 1906, February 21st 1907.
1932, 1938, 1950	Regional flood events in the early to mid-twentieth century caused inundation of several islands including RD 2023.
1982	November 30th a 500' wide levee break and 40' deep scour occurred at station 50+00 during the highest tide in over thirty years. The levee failure resulted in the complete inundation of Reclamation District No. 2023. The break was closed with large boulders, sealed with import fill, and then the interior flood water was pumped out for a total reclamation cost of approximately $9 million. Today a large lake remains at the interior scour location just outside the levee near Station 50+00.

(Source: Thompson, John Ph.D. (1958). The Settlement Geography of the Sacramento – San Joaquin Delta, California. Dissertation, Stanford University.

Special Considerations

There is only one ingress and egress location for the district, a cable ferry located at the end of Eight Mile Road. Coordinate with district superintendent, Sergio Cervantes (209) 451-6917 or John Meek (209) 603-8567 for district access.

Eight Mile Road, west of Interstate 5, must remain open to access the district.

Levee Patrol Plan

District appointed Incident Commander will coordinate patrol schedule and sectors. District engineering firm will assist as needed. Patrols will meet at district command post and communications will be with personal cellular telephones.

Venice Island gauge will be used to monitor tidal conditions. Initiate periodic levee inspections at EL=8.0'. Initiate 24 hour continuous levee patrols at EL=9.0'.

Lath Protocol

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

Survey Information

Basis of Elevations

- Elevations are based on the North American Vertical Datum of 1988 (NAVD88)
- 100-Year Flood Elevations Source: 1992 USACE Sacramento-San Joaquin Delta Hydrology Special Study
- Contours Source: 2007 DWR Lidar
- Levee Crown Elevations Source: 2013 KSN Levee Profile Survey (Original Survey on NGVD29 Converted to NAVD88 by adding +2.5' to NGVD29 Elevation.)

N

SACRAMENTO SAN JOAQUIN DELTA

0 2,500 5,000

Feet

1 inch = 1,000 feet

Time/Date of Start of Incident

Map Version

Legend

- 100 Year Flood Elevation
- Logistics Base
- Delivery Point
- Supply Staging Area
- Water Landing
- Helibase
- Helispot
- Historic Seepage Area
- Historic Levee Breach
- Relief Cut
- Historic Erosion Area
- Historic Slope Stability
- Levee Access
- Emergency Berm
- Dryland Levee
- Dryland Levee Critical Section
- Levee
- L.C. EL=25.7' — Levee Crown Elevation
- Ground EL=18.1' — Spot Elevation
- L.M.=1.0, R.M.=1.0, 100+00 — Levee Mile-River Mile-Station
- PS — Pump Station – Reclamation District
- PS — Pump Station – Municipal Storm
- IPSI — Pump Station – Emergency Pump Out
- PS — Pump Station – Municipal Sanitary
- A — Structure (A-Agricultural, R-Residences (R# = number of homes), H-Hospital, S-School)
- Water Well
- Sanitary Sewer Lines
- Storm Drain Lines
- Water Lines
- OH — Overhead Transmission Line
- FO — Underground Fiber Optics
- UG — Underground Lines
- Command Post
- District Boundary
- Elevation Contour
- Waterways/Channels

San Joaquin County

RECLAMATION DISTRICT 756 BOULDIN ISLAND

RECLAMATION DISTRICT 548 TERMINOUS

RECLAMATION DISTRICT 2026 WEBB TRACT

RECLAMATION DISTRICT 2023 VENICE ISLAND

RECLAMATION DISTRICT 2029 EMPIRE TRACT

RECLAMATION DISTRICT 2027 MANDEVILLE

RECLAMATION DISTRICT 2041 MEDFORD ISLAND

RECLAMATION DISTRICT 2108 TINSLEY ISLAND

RECLAMATION DISTRICT 2030 MCDONALD ISLAND

RECLAMATION DISTRICT 2118

Mandeville Tip

SAN JOAQUIN RIVER
OLD RIVER
HAYES REACH
VENICE REACH
MANDEVILLE REACH
BURNS REACH
THREE RIVER REACH
POTATO SLOUGH
VENICE CUT
WARD CUT
LITTLE CONNECTION SLOUGH
CONNECTION SLOUGH
MIDDLE RIVER
COLUMBIA CUT
N. POTATO RD
N. EMPIRE TRACT RD
W. EIGHT MILE RD
W. MANDEVILLE LEVEE RD
N. ZUCKERMAN RD

CALIFORNIA 12

9.6' 9.7' 9.7' 9.9' 10.0' 10.0'

L.C. EL=12.3' L.C. EL=12.3' L.C. EL=12.3' L.C. EL=12.1' L.C. EL=11.9' L.C. EL=12.0' L.C. EL=11.8' L.C. EL=12.9' L.C. EL=12.5' L.C. EL=12.7' L.C. EL=12.1' L.C. EL=12.3' L.C. EL=12.6'

1982 Breach

Duck Club Duck Club

RD 2023
DP-01

Island Access via Cable Ferry.
Call Sergio Cervantes (209) 451-6917
or John Meek (209) 603-8567 to coordinate.

Flood Contingency Options

Highwater Event

The general flood fight strategy will be to flood fight primary levees and ensure that options to limit flooding from levee failure can be initiated promptly if appropriate. District will coordinate levee patrol.

Failure of Primary Levee on RD 2023

This scenario will lead to flood waters collecting toward the north center of the district at the existing drainage pump station. The general flood fight strategy will be to monitor and protect interior levees and install emergency pumping station to dewater district.

Actions

- Evacuate workcrews and residents
- Repair break
- Protect interior slopes of primary levees
- Identify and install emergency pumps to dewater district
- Maintain access to the island via the cable ferry

Tactical Plans – (Preliminary Engineering Designs)

Preliminary engineering designs have not been prepared for RD 2023.

For tactical information/actions refer to the Flood Contingency Options text box.

Dewatering Plan

After levee failure has been repaired, place emergency pumping station on levee at site shown for flood dewatering. Continue to monitor and protect interior levee slopes.

Delivery Points and Supply Staging Areas

The following locations will be used to deliver flood fight materials to district officials if requested, exact delivery point will be identified at time of resource request. District officials will meet resources at the designated delivery point to take delivery or guide vehicles carrying resources to final unloading point.

Pre-planned Delivery Points

DP-01:	Open area adjacently west of ferry crossing landing.	121° 30' 27" W	38° 3' 34." N

KJELDSEN SINNOCK NEUDECK INC.
Civil Engineers and Land Surveyors
711 N. Pershing Avenue
Stockton, CA 95203
209-946-0268
1355 Halyard Drive, Suite 100
West Sacramento, CA 95691
916-403-5900
www.ksninc.com

Map Source: KSN, Inc.
Map Date: 12-10-2015
Vertical Datum: NAVD88

SAN JOAQUIN COUNTY
OFFICE OF EMERGENCY SERVICES

RECLAMATION DISTRICT 2023 FLOOD SAFETY PLAN

Annex A - Venice Island Flood Contingency Map

FIGURE A1