

DELTA REGION GEOLOGIC HAZARD ABATEMENT DISTRICT

AGENDA

REGULAR MEETING OF THE BOARD OF DIRECTORS

MAY 28, 2025 06:30 PM

Isleton City Council Chambers

101 Second Street, Isleton, CA 95641

**Iva Walton - President, Boardmember Pamela Bulahan, Boardmember David Kent,
Boardmember Vacant, Boardmember Vacant**

Agendas and staff reports are posted on the GHAD's internet website (www.deltaregionghad.org).

A complete packet of information containing staff reports and exhibits related to each item is available for public review at least 72 hours prior to a Delta Region GHAD Board meeting, or in the event that it is delivered to Boardmembers less than 72 hours prior to a GHAD Board meeting, as soon as it is delivered.

The public may participate and provide public comments in person and/or zoom. Please be advised that teleconferencing option is provided as a courtesy to the public. If, for any reason, there are technical difficulties, the City Council meeting will continue in person. Members of the public can dial in by phone at 1 669 444 9171 US Enter the Personal Meeting ID: 305 954 0624#. Enter the Passcode: Hello. How to listen by Zoom:

<https://us02web.zoom.us/j/3059540624?pwd=UmN0dXcwL3I5Q2pRSWhnTk6TjhUT09&omn=81946018799>

Meeting ID: 305 954 0624

Passcode: Hello

REASONABLE ACCOMMODATIONS

In compliance with the Americans with Disabilities Act, persons needing a disabilityrelated modification or accommodation, including aids or services, to participate in this meeting, may contact

the DR-GHAD Clerk, Kathleen Schaefer, at (510) 292-9075 or email at kkschaeferca@gmail.com at least 48 hours prior to the meeting.

REGULAR MEETING 6:30 P.M.

1. Call to Order/Roll Call

Board Members: Pam Bulahan, Iva Walton, and David Kent

2. Confirmation of Agenda Posting/Adoption of Agenda:

The GHAD Board may take action on any item listed on the agenda.

3. Public Forum: Members of the public may comment (3 minutes per speaker)

At this time, the public is permitted to address the GHAD Board on non-agendized items. In accordance with State law, no action or discussion may take place on an item not appearing on the posted agenda. The Board may respond to statements made or questions asked or may request staff to report back at a future meeting concerning the matter.

4. Consent Calendar:

A. Subject: Minutes from January 29, 2025 meeting

A. Recommendation: Approve the minutes from the January 29, 2025 meeting

5. Continued Items:

A. Subject: At the September 25, 2024, board meeting, the Board of Directors of the Delta Region Geologic Hazard Abatement District (GHAD) approved Resolution 24-03 authorizing the acceptance of \$100,000 from the Department of Water Resources (DWR) and the engagement of EPIC insurance brokers to secure a parametric insurance policy to fund a flood recovery payment program for one year. The Board of Directors authorized the GHAD Manager to take all actions necessary to implement the resolution. The GHAD Manager/DWR/EPIC will provide a status update on Resolution 24-03 and the actions to implement the resolution.

A. Recommendation: Receive an update from GHAD Manager/DWR/EPIC brokers regarding the status of Resolution 24-03 and the actions to implement the resolution

B. Subject: At the November 20, 2024 board meeting the Board of Directors of the Delta Region GHAD approved Resolution 24-04 Authorizing the GHAD Manager to execute the contract to purchase a one-year parametric insurance policy from Flood Flash, pending funding from DWR. The GHAD Manager/DWR/EPIC will provide a status update on Resolution 2404 and the actions to implement the resolution.

B. Recommendation: Receive an update from the GHAD Manager/DWR/EPIC regarding the status of Resolution 24-04 and the actions to implement the resolution.

6. GHAD Manager/Clerk Update

A. Subject: Items of Interest

A. Recommendation: Receive a presentation from the GHAD Manager/Clerk on items of interest.

7. New Business

A. Subject: Appoint New Board Member

A. Recommendation: Consider letters of interest. Appoint new board members.

B. Subject: Status of the JumpStart Grant

B. Recommendation: Authorize the DR-GHAD Clerk to work with the Isleton City Manager to finalize the JumpStart Grant providing administrative and outreach support for the DR-GHAD

C. Subject: Presentation of the UC Davis Sustainable Design Course

C. Recommendation: Receive a presentation on the design results from the UC Davis Sustainable Design Course.

8. Board Comments and Upcoming Topics of Discussion:

A. Set Date for Next Scheduled Board Meeting: July 30, 2025

The tentative schedule of upcoming Board meetings: July 30, 2025

B. Subject: Discuss the framework for allocating recovery payments and potential recovery benefit assessments.

B. Recommendation: Staff recommends waiting until the JumpStart consultant is in place to help facilitate the discussions.

6. Adjournment

I, Kathleen Schaefer, Clerk of the Delta Region GHAD, declare that the foregoing Agenda for the May 28, 2025, Regular Meeting of the Delta Region GHAD was posted on Monday, May 19, 2025 at the Office of the City of Isleton, 101 Second Street, Isleton, California.

Dated: May 19, 2025


Kathleen Schaefer, Clerk

DELTA REGION GEOLOGIC HAZARD ABATEMENT DISTRICT

MINUTES

REGULAR MEETING OF THE BOARD OF DIRECTORS

January 29, 2025 06:30 PM

Isleton City Hall

101 Second Street, Isleton, CA 95641

Agendas and staff reports are posted on the GHAD's internet website (www.deltaregionghad.org).

REGULAR MEETING 6:30 P.M.

1. Call to Order/Roll Call

Board Members: Pam Bulahan, Iva Walton, and David Kent

2. Confirmation of Agenda Posting/Adoption of Agenda:

The GHAD Board may take action on any item listed on the agenda.

3. Public Forum: Members of the public may comment (3 minutes per speaker)

Presentation by Kate Stillwell, Neptune Insurance. Ms. Stillwell gave an overview of her company and provided provided price quotes for four sample properties in Isleton, comparing Neptune prices to NFIP prices. Presentation materials are attached.

Boardmember Kent and Clerk Schaefer gave an overview of their meeting with the BrannanAndrus Island Levee Maintenance District. Boardmember Kent asked that a prescedent be established that there be regular meetings with BALMD and that the meeting attendees report back to the GHAD. He

DELTA REGION GEOLOGIC HAZARD ABATEMENT DISTRICT
REGULAR MEETING OF THE BOARD OF DIRECTORS
JANUARY 29, 2025 DRAFT MEETING MINUTES
ISLETON CITY HALL

asked that the charter be written to reflect the coordination between the two agencies. He also recommended that similar coordination be conducted with the other Reclamation Districts.

4. Consent Calendar:

A. Subject: Minutes from November 20, 2024 meeting

A. Recommendation: Approve the minutes from the November 20, 2024 meeting

A. Action: November 20, 2024 minutes were approved as read.

5. Continued Items:

A. Subject: At the September 25, 2024, board meeting, the Board of Directors of the Delta Region Geologic Hazard Abatement District (GHAD) approved Resolution 24-03 authorizing the acceptance of \$100,000 from the Department of Water Resources (DWR) and the engagement of EPIC insurance brokers to secure a parametric insurance policy to fund a flood recovery payment program for one year. The Board of Directors authorized the GHAD Manager to take all actions necessary to implement the resolution. The GHAD Manager/DWR/EPIC will provide a status update on Resolution 24-03 and the actions to implement the resolution.

A. Recommendation: Receive an update from GHAD Manager/DWR/EPIC brokers regarding the status of Resolution 24-03 and the actions to implement the resolution.

A. Action: The GHAD manager reported that they were coordinating with DWR to complete the required paperwork for the grant. The GHAD manager provided DWR with all of the requested paperwork. DWR contracts staff were processing the paperwork. Staffing shortages due to the LA Fires have delayed DWR processing the grant.

B. Subject: At the November 20, 2024 board meeting, the Board of Directors of the Delta Region GHAD approved Resolution 24-04 Authorizing the GHAD Manager to execute the contract to purchase a one-year parametric insurance policy from Flood Flash, pending funding from DWR. The GHAD Manager/DWR/EPIC will provide a status update on Resolution 2404 and the actions to implement the resolution.

B. Recommendation: Receive an update from the GHAD Manager/DWR/EPIC regarding the status of Resolution 24-04 and the actions to implement the resolution.

B. Action: The GHAD manager reported that the EPIC team was just waiting for the grant and is prepared to issue the policy. The EPIC team reminded everyone that there is a 14-day waiting period before the policy will take effect. They had been in contact with city staff regarding the installation of the sensors.

DELTA REGION GEOLOGIC HAZARD ABATEMENT DISTRICT
REGULAR MEETING OF THE BOARD OF DIRECTORS
JANUARY 29, 2025 DRAFT MEETING MINUTES
ISLETON CITY HALL

6. GHAD Manager/Clerk Update

A. Subject: Items of Interest

A. Recommendation: Receive a presentation from the GHAD Manager/Clerk on items of interest.

A. Action: The Clerk noted that the activities of the GHAD continue to receive media interest. Anna Fitzgerald Guth, a Santa Cruz Science Journalist & grand student in the Science Communication Master's Program at UC Santa Cruz was in attendance. In addition, the clerk reported that she is working with the new city manager to get the JumpStart Grant advertised.

B. Subject: Status of Board Vacancies

B. Recommendation: Receive update from GHAD Manager/Clerk regarding the vacant positions on the Board.

B Action: The Clerk reminded the Board that their are still vacancies to be filled.

7. New Business

A. Subject: Presentation by Brett Milligan, Professor of Landscape Architecture and Environmental Design, UC Davis on a proposed upcoming spring quarter capstone project.

A. Recommendation: Receive a presentation by Brett Milligan, Professor of Landscape Architecture and Environmental Design, on a proposed upcoming spring quarter capstone project.

A. Action: Received presentation from Brett Milligan regarding upcoming capstone project. He will have 40 students exploring the adaption options in the Delta. There was agreement that this project would align well with the JumpStart Project.

B. Subject: Presentation by Chris Ferarri, GEI Consultants, on the Delta Flood Emergency Recovery Framework Plan.

B. Recommendation: Receive a presentation by Chris Ferarri, GEI Consultants, on the Delta Flood Emergency Recovery Framework Plan.

B. Action: Received a presentation by Chris Ferarri, GEI Consultants, on the Delta Flood Emergency Recovery Framework Plan. Presentation materials attached.

8. Board Comments and Upcoming Topics of Discussion:

A. Set Date for Next Scheduled Board Meeting: March 26, 2025

The tentative schedule of upcoming Board meetings: March 26, 2025

DELTA REGION GEOLOGIC HAZARD ABATEMENT DISTRICT
REGULAR MEETING OF THE BOARD OF DIRECTORS
JANUARY 29, 2025 DRAFT MEETING MINUTES
ISLETON CITY HALL

B. Subject: Discuss the framework for allocating recovery payments and potential recovery benefit assessments.

B. Recommendation: Staff recommended waiting until the JumpStart consultant is in place to help facilitate the discussions.

9. Adjournment

BUY FLOOD INSURANCE IN TWO MINUTES OR LESS

[GET QUOTE →](#)[Continue your saved quote](#)

Neptune Flood

Presentation to Isleton GHAD
January 2025

ABOUT NEPTUNE FLOOD

1. Largest private flood insurance company in the United States
2. 230,000 customers and growing, agents and direct
3. 49 States + D.C.
4. 85% residential, 15% commercial
5. More coverage options than NFIP (higher limits, more additional coverages, shorter wait period)
6. Competitive rates: Average premium <\$1,000
Most policies ~\$600
7. Accepted by lenders as a valid alternative to NFIP
8. 40% of customers are in non-mandatory zones

SAMPLE QUOTES in ISLETON

- \$250,000 of building coverage
- \$0 coverage for contents
- No additional coverages

Address	Deductible			
	\$1,250	\$2,000	\$5,000	\$10,000
419 F St	\$1,236	\$1,135	\$1,034	\$933
616 Union St	\$1,348	\$1,236	\$1,125	\$1,013
206 Delta Way	\$1,348	\$1,236	\$1,125	\$1,013
702 Anne Marie Ave*	\$607	\$562	\$562	\$562

*same premiums for up to \$400,000 of building coverage

SAMPLE QUOTES in ISLETON – compare to NFIP

- Neptune uses minimum prices
- Higher-resolution price differentiation
- Multiple data sources

Address	\$5,000 Deductible	
	Neptune	NFIP
419 F St	\$1,034	\$753
616 Union St	\$1,125	\$612
206 Delta Way	\$1,125	\$400
702 Anne Marie Ave	\$562	\$369

For comparison: SAMPLE QUOTES in ISLETON

- \$100,000+ of building coverage
- \$0 coverage for contents
- No additional coverages

Address	Deductible			
	\$1,250	\$2,000	\$5,000	\$10,000
419 F St*	\$607	\$562	\$562	\$562
616 Union St*	\$655	\$607	\$607	\$607
206 Delta Way*	\$655	\$607	\$607	\$607
702 Anne Marie Ave*	\$607	\$562	\$562	\$562

*minimum premiums for \$150,000 to \$400,000 of building coverage

Customer Success & Distribution Team

support@neptuneflood.com
727-202-4815

Jake Hogan, Director of Distribution
jake@neptuneflood.com

Jean-Luc Eckstein, Chief Customer Officer
jean-luc@neptuneflood.com

West Coast

*Washington, Oregon,
California, Nevada, Arizona*

Leo Rodriguez
leo@neptuneflood.com

presentation by:

Kate Stillwell, President of Parametric Insurance
kate@neptuneflood.com

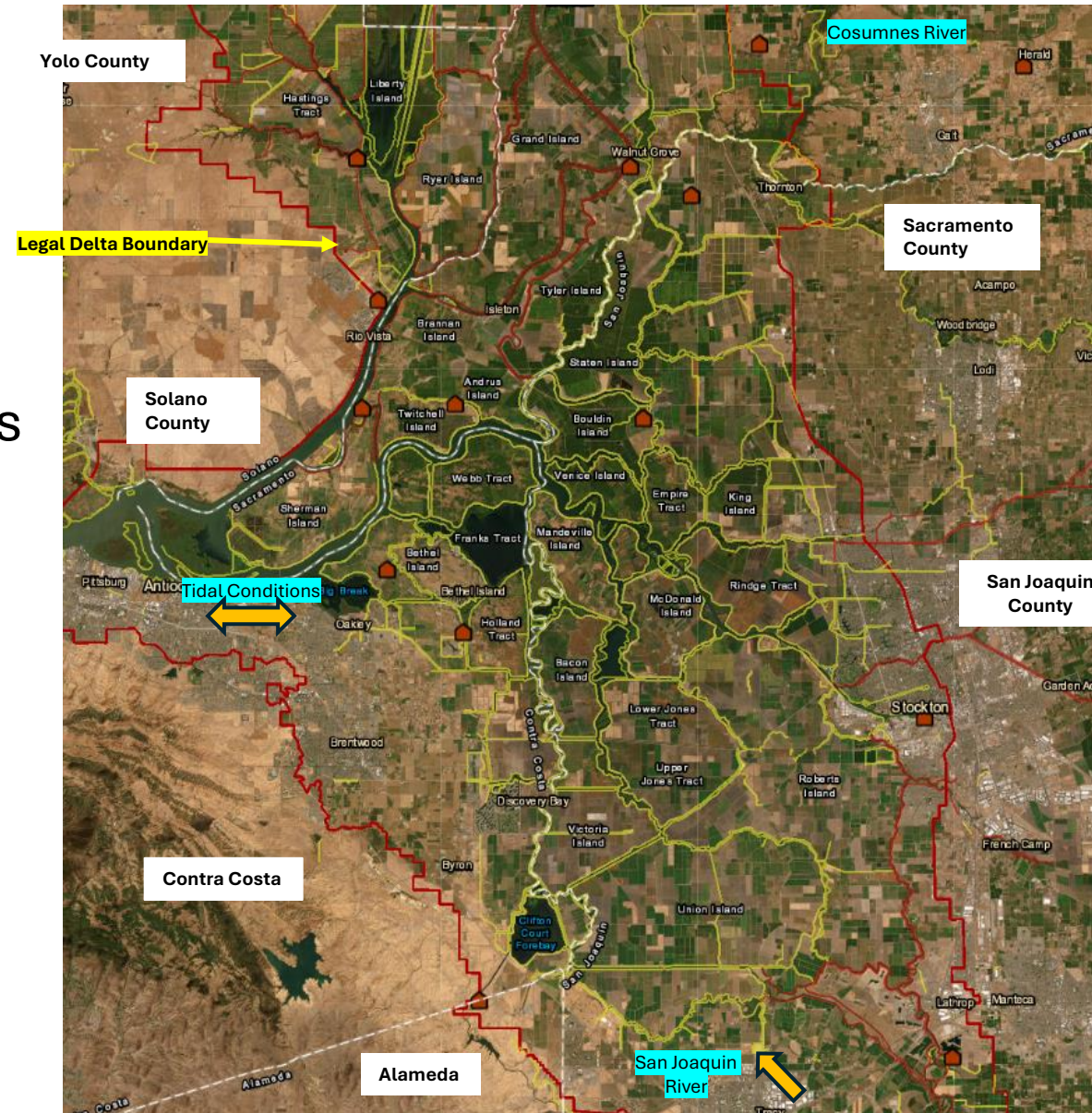
Delta Regional Assessment Flood Protective Measures, Flood Response, and Flood Recovery Plan Framework

January 2025

Delta 2 Grant “Improve local and regional flood emergency response in the Delta”

Legal Delta Boundary:

- ❖ 1153 square miles
- ❖ Approximately 1100 miles of levees
- ❖ 84 Reclamation Districts
- ❖ 17 Warehouse/Container Storage Facilities
- ❖ Non-project levee locations – yellow
- ❖ Project levee locations - red



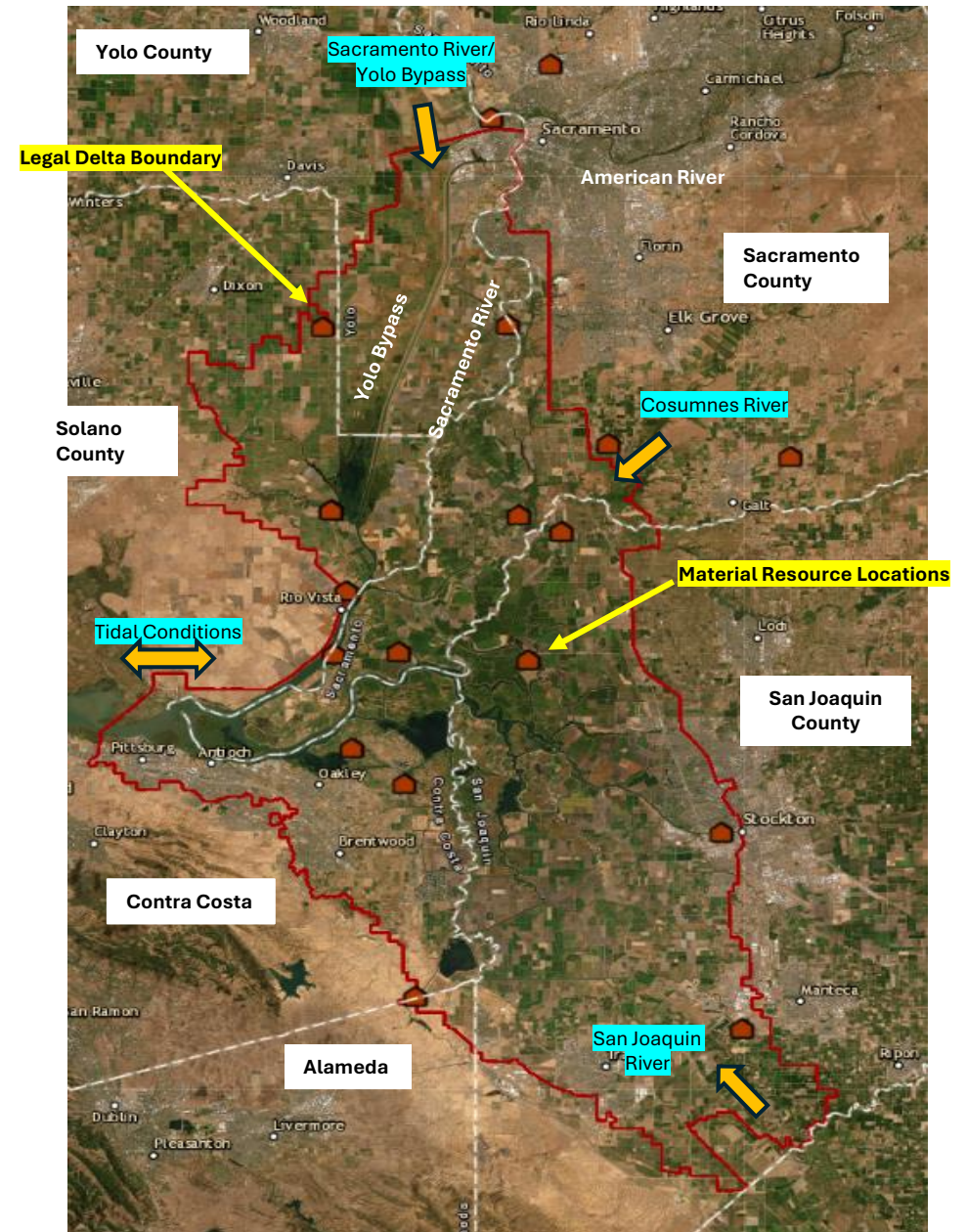
Delta 2 Grant “Improve local and regional flood emergency response in the Delta”

Legal Delta Boundary is the focused Study Area:

- ❖ Covers six counties focusing on the Local Maintaining Agencies

Overall Project Objectives:

- ❖ Understand Flow Boundaries
 - ❖ Cosumnes R., Sacramento R., San Joaquin R., Yolo Bypass, Tidal Conditions
- ❖ Enhance Flood Fight capabilities
 - ❖ Understand material resource locations
- ❖ Develop Tools to Improve Communication
 - ❖ Material Resource Locations
- ❖ Training and Exercises
 - ❖ Workshop and Functional



Tasks in Progress

1. Response Plan Framework

- Improve Regional Communications
- SEMS / NIMS (ICS / Unified Command)
- Mutual Aid
- Regional Resource Management

2. Recovery Plan Framework

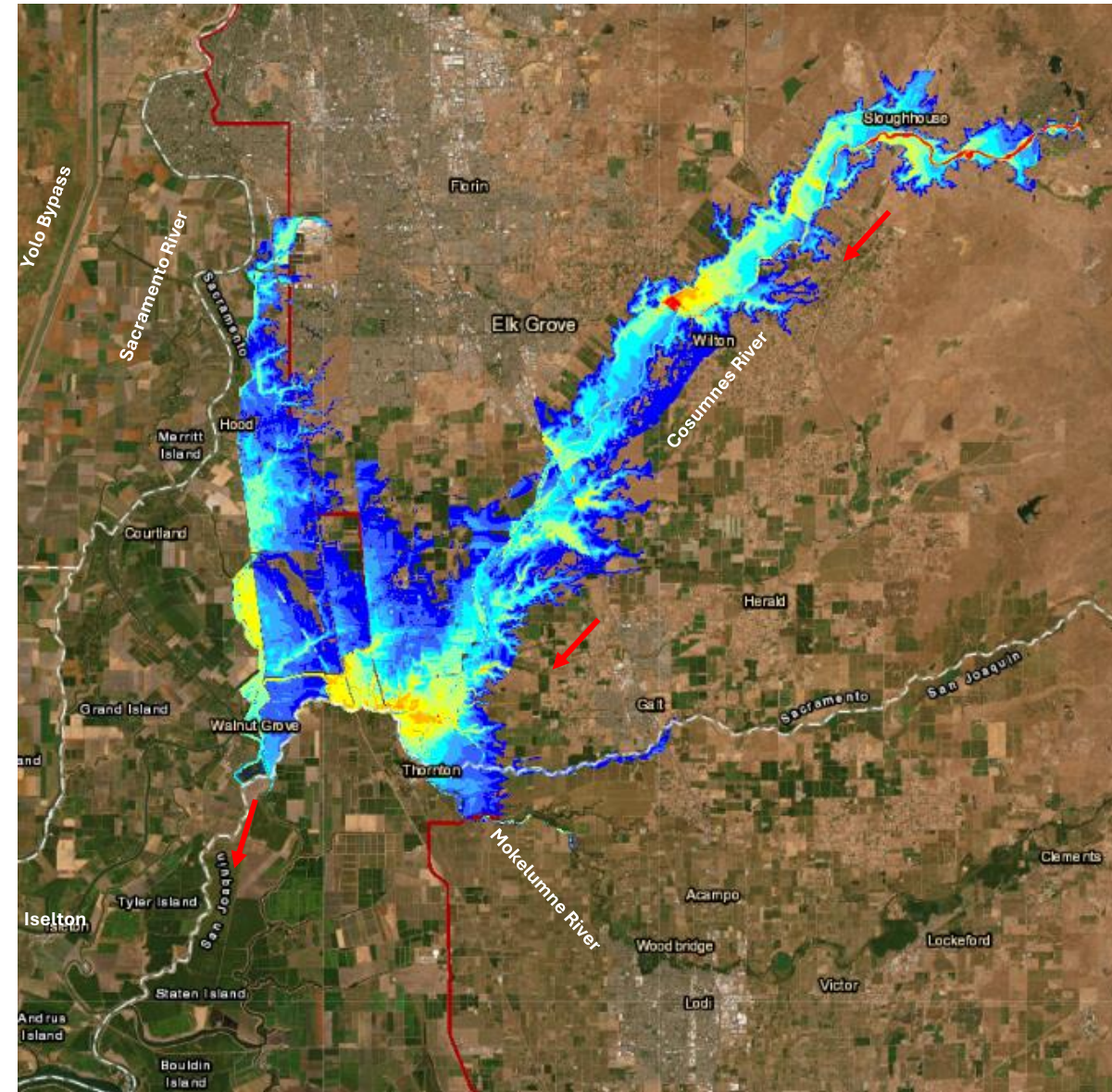
- Recovery Transition: Short and Long-Term Recovery Operations
- Damage Assessments / Debris Removal
- Types of Assistance
- After Action Planning

3. Various Training

- Multi-jurisdiction / multi-agency training on communications and flood fighting
- Workshop
- Functional

4. Flood Hazard Assessment

- Using best available information to analysis Delta waterways as source of flooding

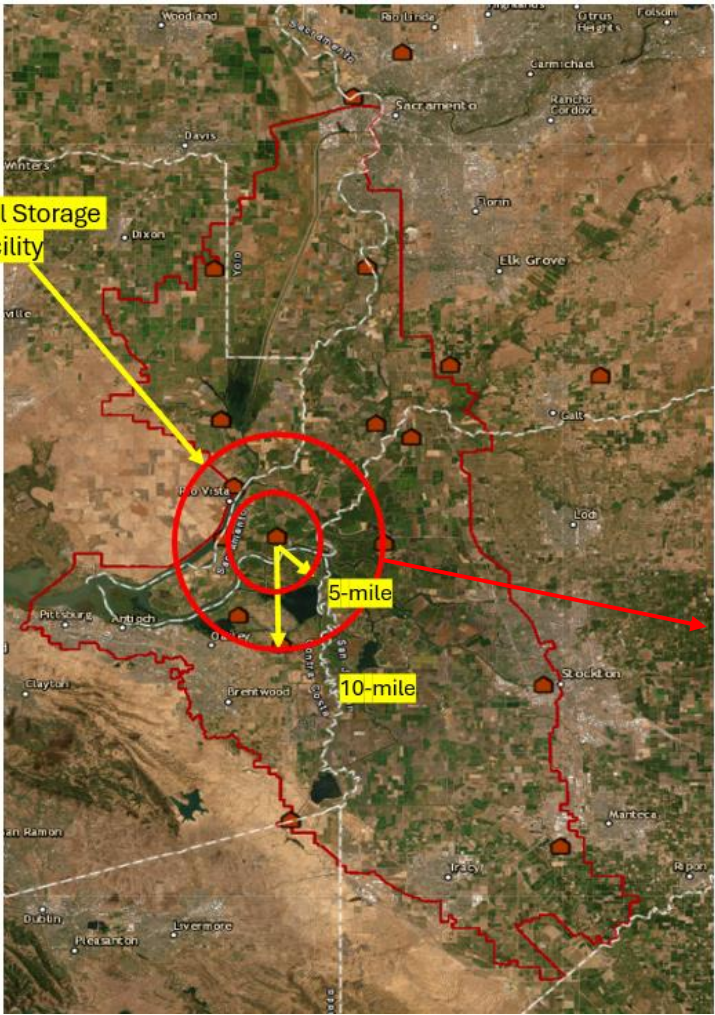


Estimated Cosumnes River Flooding 1997



Sample Flow Chart Twitchell Island

Twitchell Storage Facility



No. 13 Twitchell Warehouse
1550 West Twitchell Island Rd Lat 38.116175 Long -121.631167.
Is located **within 10-miles** from the warehouse

- RDs within 0-5 miles from the Warehouse
- RDs within both ranges from the Warehouse
- RDs within 5-10 miles from the Warehouse

Incident reported to the LMA with specific location

Emergency Services at 911 may be called if LMA is not reachable

LMA to call County OES

DWR FOC
May be contacted if the County is not reachable

RD 317 LOWER ANDRUS ISLAND Sacramento Co. Office Phone No. Engineer Phone Number	RD0407 ANDRUS ISLAND Sacramento Co. Office Phone No. Engineer Phone Number	RD 1601 TWITCHELL ISLAND Sacramento Co. Office Phone No. Engineer Phone Number	BRANNAN-ANDRUS LEVEE MAINTENANCE DISTRICT Sacramento Co. Office Phone No. Engineer Phone Number	RD 2026 WEBB TRACT Contra Costa Co. Office Phone No. Engineer Phone Number	RD 2041 MEDFORD ISLAND San Joaquin Co. Office Phone No. Engineer Phone Number
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Sacramento Co. OES
3720 Dudley Blvd, McClellan Park, CA 95652
(916) 874-4670

Contra Costa Co. OES
530 Clay St, Fairfield, CA 94533
(707) 784-1600

San Joaquin Co. OES
2101 E Earhart Ave #300, Stockton, CA 95202
(209) 953-6200

Emergency Management Agency Questionnaire sent out to Reclamation Districts

Office of Emergency Services
Mary Jo Flynn-Ne vins
Chief



County of Sacramento

Disaster Preparedness
Emergency Operation
Disaster Recover

QUESTIONNAIRE/Survey

Sacramento County Office of Emergency Services
Emergency Response and Recovery Planning

Entity Name: _____
Contact: Name _____
Telephone _____
Email _____

December 4, 2024

Dear Trustees/Representative:

In 2019, the California Department of Water Resources (CA DWR) and the Sacramento County Office of Emergency Services (SacOES) formalized an Agreement (Delta Grant Round 2) aimed at improving local and regional flood emergency response capacity in the Sacramento-San Joaquin Delta region. A key project of the Agreement is the Delta Response & Recovery Project. This project comprises the development of Delta-region response and recovery frameworks / plans, the design and execution of a Delta-region training and an exercise series, and the development of a Delta region community flood protection measures assessment. Collectively, these tasks will coalesce all the essential elements in the building of a comprehensive and coordinated response and recovery operations architecture supporting the Delta region.

On behalf of SacOES, I would like to formally invite your partnership on this project. It is our intent to enlist the broadest possible participation of local jurisdictions, subject matter experts and voices that comprise the Delta Region. I would like to introduce Chris Ferrari and his team (of GEI Consultants) who will be spearheading this project. As we initiate the start of the project, we are requesting that you share a copy of your agency's Emergency Action Plan and any other documents pertaining to emergency operations response and recovery – as they will assist us in familiarizing ourselves with the scope of your agency's current planning. The following is a list of tasks that GEI will lead as a part of this project:

- Work with the six Delta counties, their local jurisdictions and Districts, Local Maintaining Agencies (LMAs) and other stakeholders to collect and review available existing emergency operations response and recovery plans to prepare an overall framework / plan to improve operational communication within the legal Delta region. The intent of the framework / plan is to capture common and existing protocols amongst the various jurisdictions and to build atop that recommended procedures for Delta-side operations during an emergency.
- Plan and conduct a workshop for the Delta stakeholders to test the proposed operations and recovery framework / plan. The tentative date is May 2025.
- Plan and conduct training and an exercise to discuss the plans. The tentative date is Fall 2025.
- Provide a flood hazard assessment for the Delta and main flow boundaries (Sacramento River, San Joaquin River, Cosumnes/Mokelumne Rivers and tidal conditions) that impact the Delta to develop pre-disaster and recovery efforts to improve emergency response.
- Add the operations and recovery framework / plan information to the existing Flood Operations Decision Support System web service Tool (FODSS) that is available for free through SacOES. FODSS

Attached is a survey to assist us to better understand your agency's current operations and recovery plans / platforms / needs. We plan to organize a stakeholder meeting to discuss this project in greater

3720 Dudley Boulevard, Suite 122, McClellan, CA 95652
Office (916) 874-4671 | sacoes.sacounty.gov

1. Your Agency currently has _____ staff employed.
 - a. Permanent _____
 - b. Volunteers _____
 - c. Trustees _____
 - d. Emergency Responders (yes/No), Who _____
2. Number of staff that would be involved during a flood emergency event. _____
3. Please provide us with the names and titles of all contacts that your agency utilizes during a flood emergency.

4. Does your agency have an emergency plan, response plan and/or recovery plan? If so, may we obtain copies of your plans?
5. Has the agency established a SEMS organization for activation during an emergency? (Yes/No)
6. Have you prepared a call tree and a list of emergency staff to be called in (during a flood activation)? Can you supply us with that list? (Yes/No) if yes, please attach the list.
7. Number of staff who currently need ICS 100 and ICS 200 training _____? ICS 100 and ICS 200 are the minimum requirements for emergency responders.
8. Is there specific emergency training required or planned for your staff; if yes, may we obtain a copy of the training list?
9. What instrumentation or information has the agency used and relied on in previous flood events?

10. Has the agency established any protocols for patrolling during an emergency; if so, please supply a copy? (Yes/No)
11. Is there a current evacuation plan for use during emergencies, if "yes" please supply a copy of it? (Yes/No)

12. Does your agency have specific evacuation centers, or rally points, designated for use during emergencies? (Yes/No) If yes, please provide locations in the table below or a map?

Location(s)	Address	Contact
1.		
2.		
3.		
4.		

13. Does the agency maintain stockpiles of flood fight equipment and supplies? (Yes/No) If yes provide the following information.

- a. Name of Responsible Staff _____, Telephone _____
 b. Material Type: _____
 c. Date of Last Inventory: _____

14. Please provide in the table below the locations of the flood fight equipment and supplies your agency primarily use in an emergency.

Location(s)	Access Contact	Access Route During Emergencies
1.		
2.		
3.		
4.		

15. Identify the sites for use as Staging Areas for incoming resources, if any.

Location(s) Name	Address	Contacts
1.		
2.		
3.		
4.		

16. Does your agency have any Public Alerting Systems, please refer to the table below?

Check all that apply	Public Alerting Systems	Protocols
	Emergency Alert System (EAS)	
	Emergency Digital Information Services (EDIS)	
	Fire and Police Vehicle Loudspeakers	
	Radios	
	Cellular phones	
	Internet/Television Broadcast	
	Other:	
	Other:	

17. How does the agency currently communicate with emergency responders, both internally and externally, during an emergency? Please describe any current procedures or check the services below that applies,

- a. ☐ Telephone
 b. ☐ Fax
 c. ☐ Cell phones, Any Smart phones?
 d. ☐ Satellite phones
 e. ☐ Mobile radios
 f. ☐ HAM radio

Contact Information:

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 Sacramento County OES
 Ph: 916.293.2769
 Email: hawkinsm@sacounty.net
- 2) Chris Ferrari
 GEI Consultants, Inc.
 Ph: 916.200.5119
 Email: cferrari@geiconsultants.com

Proposed Schedule and Deliverables

- **Collect Best Available Information (90% complete)**
- **Emergency Operation Plan (Draft March 2025)**
- **Recovery Plan (Draft March/April 2025)**
- **Flood Hazard Assessment (March 2025)**
- **Various Training (Spring/Fall 2025)**



Questions

Thank you

