



Sonoma Water
Clean. Reliable. Essential. Every Day.

**Sonoma Water
Local Hazard Mitigation Plan
2023 Update**

*Flood Control Zone 2A Committee Meeting
December 15, 2022*



Parastou Hooshalsadat, PE
Parastou.Hooshalsadat@scwa.ca.gov
Water Agency Engineer

 sonomawater.org

1

Presentation Outline



- SW LHMP History
- LHMP Purpose and Content
- Review 2018 LHMP Implementation
- 2023 LHMP Update
- Project Timeline
- Opportunities for Public Awareness and Participation
- Questions



2

SW LHMP History

- **2004-2007** Natural Hazard Reliability Assessment
- **2008** Initial LHMP adopted
- **2013** LHMP Update
- **2018** LHMP Update (Enhanced Sanitation and Flood Control Zones)
- **2023** LHMP Update (in Progress)



3

LHMP Purpose and Content



- Describe SW Facilities
- Identify Potential Natural Hazards
- Assess Infrastructure Vulnerabilities
- Provide Mitigation Goals, Strategies, and Actions to Increase Resiliency
- Describes Plan Implementation and Maintenance
- Qualify for FEMA grant funding - To be updated every 5 years to remain eligible for funding

4

Review 2018 Implementation Local Hazard Mitigation Plan



8 FEMA Grants Awarded \$13,646,723

Completed

- Russian River Crossing
- Mark West Creek Crossing
- Rodgers Creek Fault Crossing
- Penngrove Lift Station
- Isolation Valves Seismic Hazard Mitigation
- 2018 SW LHMP Update

In Progress

- Ely Booster Station
- 2023 SW LHMP Update
- Advanced Radars Phase I

FEMA Grants Pending (\$1,889,899)

- Advanced Radars Phase II

5

2023 Local Hazard Mitigation Plan Update





- Review and update 2018 LHMP vulnerabilities, mitigation goals, strategies, and actions progress since last update
- Expand on Climate Adaptation Strategy and Emergency Operation Plan
- Re-examine vulnerabilities for recent events
- Collect Stakeholders and Public Input
- Reprioritize mitigation actions and consider new actions to include

6

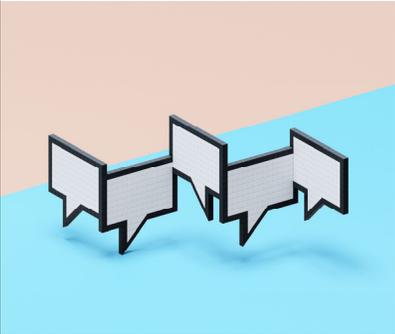
Project Timeline

Phase	Timing (estimated)
Review 2018 LHMP (completed)	July – September 2022
Launch Survey	December 2022 – January 2023
Stakeholders' meetings	November 2022 – March 2023
Draft LHMP available for public review (30 days)	April 2023
Complete draft 2023 LHMP	May 2023
Submit draft 2023 LHMP to CalOES	Early June 2023
CalOES Review (45 days)	Late July 2023
FEMA Review (45 days)	Mid September 2023
Board approval of 2023 LHMP update	Early October 2023
FEMA approval	Late October 2023



7

Opportunities for Public Awareness and Participation



-  E-Newsletter
-  Survey information
-  Social media
-  Stakeholders' meetings
-  Website: SonomaWater.org/lhmp
-  Email: LHMP@scwa.ca.gov
-  Public Comment Period



8



Parastou Hooshialsadat, PE
Water Agency Engineer
Parastou.Hooshialsadat@scwa.ca.gov
LHMP@scwa.ca.gov

    sonomawater.org