



Sonoma Water

Clean. Reliable. Essential. Every Day.

Sonoma Water Local Hazard Mitigation Plan 2023 Update

Russian River County Sanitation District
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Agenda



- Introduction and Background
- LHMP Purpose and Content
- 2023 LHMP Update Progress
- Review 2018 LHMP Implementation
- Ranking Methodology
- 2023 New Mitigation Actions For RRCSD
- Next Steps
- Questions

Introduction and Background

- **2004-2007** SW Natural Hazard Reliability Assessment
- **2008** Initial SW LHMP Adopted
- **2013** SW LHMP Updated to include Sanitation System and Flood Control Infrastructure
- **2015** RRCSD Natural Hazard Reliability Assessment
- **2018** FEMA approval of SW and RRCSD LHMPs
- **2023** SW LHMP Update (including RRCSD)



LHMP Purpose and Content



- Describes Facilities
- Assesses Potential Hazards
- Assesses Infrastructure Vulnerabilities
- Describes Mitigation Goals, Strategies, and Actions
- Describes Plan Implementation and Maintenance
- To be updated every 5 years to remain eligible for funding



2023 LHMP Update Progress

- Review 2018 LHMP Mitigation Actions
 - July – September 2022
- Initial Stakeholders' Meetings
 - WAC/TAC – November 2022
 - Flood Control Zones – December 2022
- Launch Public Survey
 - December 2022 – January 2023
- Review Current LHMP Mitigation Actions
 - February 2023
- Finalize the Draft
 - March – April 2023
- Final Stakeholders' Meetings
 - WAC/TAC – May 2023
 - RRCSD – May 2023



Review 2018 SW LHMP Implementation

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

Review 2018 RRCSD LHMP Implementation

Completed

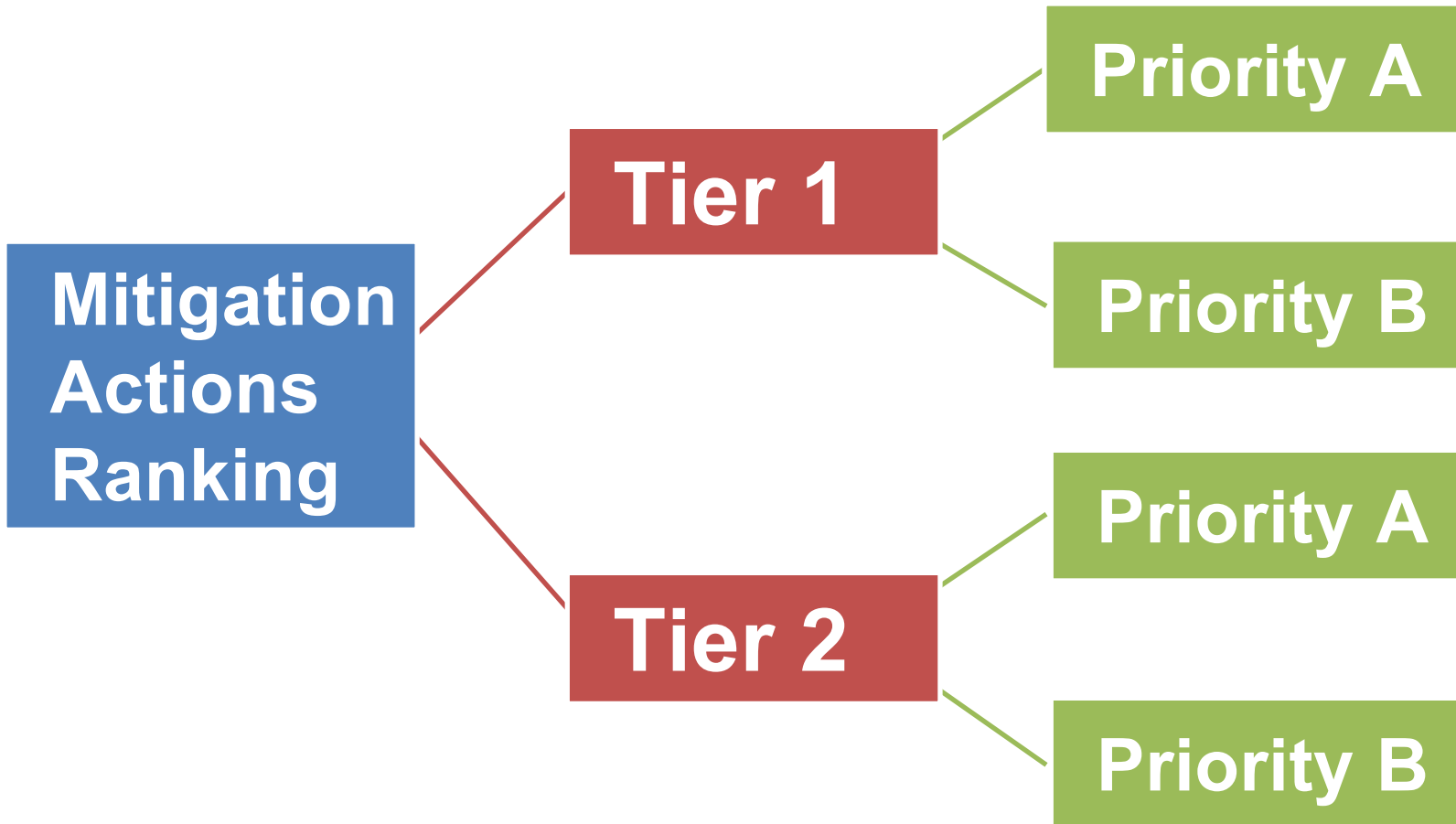
- Seismic Retrofit of 3 Secondary Clarifiers at RRCSD WWTP (FEMA Grant \$2,238,402)
- Install quick connects at lift stations to allow emergency generator to be operated if loss of power occurs.

Several in Progress

- Pipeline Crossing Vulnerability Assessment Plan (FEMA Grant \$125,000)



Ranking Methodology



2023 LHMP New Mitigation Actions For RRCSD

1	A	Mitigate the effects of flooding for portions of the RRCSD collection system subject to inflow located within the 100-year floodplain of the Russian River.
1	A	Update construction standards to address inflow and infiltration for the collection system.
2	B	Study potential for vacuum system in RRCSD collection system
2	B	Enhance sanitation level planning
2	B	Establish property partnerships and ordinances to reduce sanitary sewer overflows



Next Steps

Public Review Period

May 2023: Public Comment Period

June 2023: Submit final draft LHMP to CalOES

October 2023: LHMP to be approved by FEMA, and Board of Directors



 [Website: SonomaWater.org/lhmp](https://www.SonomaWater.org/lhmp)

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