



Woodard
& Curran

SASD Hazard Mitigation Plan

Kick Off Meeting

March 31, 2025

Agenda

- ▶ Woodard & Curran Team
- ▶ Project Administration
- ▶ Scope of Work Discussion
- ▶ Schedule
- ▶ Next Steps



**San Andreas
Sanitary District**

Woodard & Curran Team



Principal in Charge: Katie Evans



Project Manager: Brian Wickes



Technical and Regulatory Compliance Manager:
Megan Gatto



Public Outreach and Grant Compliance Specialist: Ryan
Hirano



Support: Paige Mitchell



Project Administration



Project Administration

- ▶ Communication/Coordination Meetings
 - Frequency?
 - Standing date/time?
- ▶ Monthly Progress Reports and Invoices
 - Invoicing preferences?
 - Alignment with grants?



Scope of Work

Scope of Work

Project
Management
and Coordination

Existing
Document
Review

Community and
Stakeholder
Participation

Risk Assessment

Mitigation
Strategy

Plan
Development

Plan Adoption
and Approval

Grant Reporting

Models For Risks Vulnerabilities

- ▶ [DWR Resources for Water Managers](#)
 - Sea Level Rise
 - Extreme Heat
 - Wildfire
 - Tribal Lands
 - Water Systems
- ▶ [Cal-Adapt Climate Change Snapshot](#) (temperature, precipitation and wildfire)
- ▶ [VIC Grid](#) (temperature and precipitation)
- ▶ [FEMA Flood Maps](#)

Existing Document Review

Plan	Acquired
California Climate Resilience Plan	Yes
DWR Climate Action Plan	Yes
SASD Master Plan Update	Yes
Calaveras County Draft General Plan	Yes
Calaveras County Emergency Preparedness Plan	Yes
SASD Collection Systems Master Plan	Yes
California Climate Adaptation Strategy	Yes
California Water Plan	Yes

- ▶ What other plans should we review?
- ▶ Are there other models you want us to work with?

Community and Stakeholder Participation

- ▶ Intent to prepare presentation for GM to use for:
 - Businesses, academia and other private interests
 - Nonprofit organizations
- ▶ WC to assist District to facilitate meetings with:
 - Local and regional agencies involved in hazard mitigation activities
 - Agencies that have the authority to regulate development
 - “Community Lifeline Stakeholders” such as law enforcement, those with hazardous materials responsibilities, food distribution programs, drinking water utilities, medical facilities, energy providers, transportation agencies, and communication providers
 - Neighboring communities
- ▶ Outreach could result in additional document review



Risk Assessment

- ▶ Analyze the impact of climate change on the District's operation and the mitigation projects that are planned
- ▶ Includes identifying hazards then determining the potential location, extent, and future probability of the hazard.
- ▶ Hazards that will be assessed include:
 - Wildfire
 - Drought
 - Atmospheric rivers (flooding)
 - Public safety power shutdowns (power outages)
 - Heat emergencies
- ▶ Must review previous occurrences of any identified hazards and will consider the vulnerability of the community affected.
- ▶ Need sufficient information to identify mitigation actions.



Mitigation Strategy

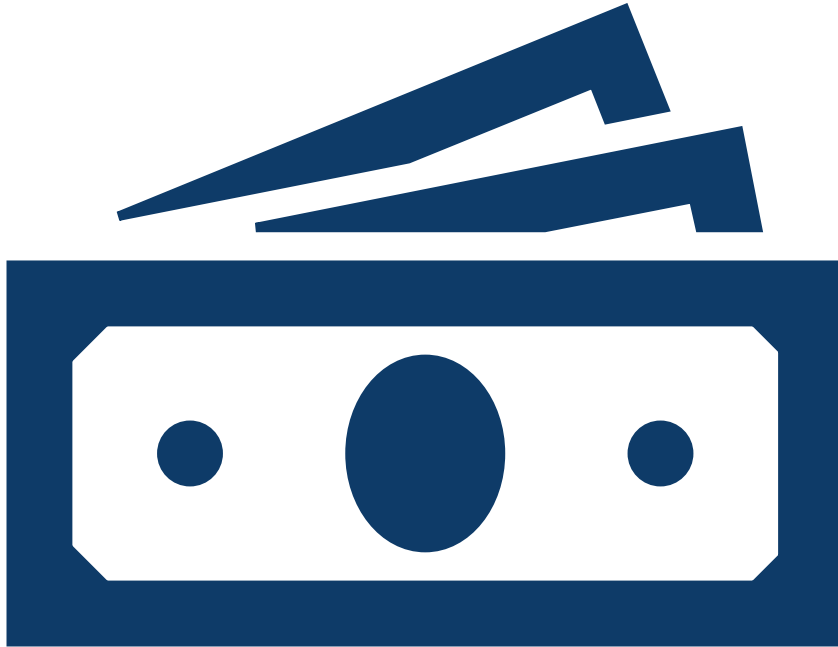
- ▶ Per FEMA's Local Mitigation Planning Policy
- ▶ Preventing loss identified in the risk assessment.
- ▶ Prioritize hazards
 - Input from stakeholders
- ▶ Develop long-term mitigation goals
- ▶ Assess existing authorizes, policies, programs, resources and capabilities that can be used or need to be changed, per FEMA's requirement.
- ▶ Make recommendations as to how the mitigations strategy can be incorporated into other plans.

Plan Development and Adoption



- ▶ Development
 - Draft LHMP
 - Compliant with FEMA
 - Compliant with CalOES
 - One round of revisions with staff
- ▶ Submitted to board for approval
- ▶ Submitted to FEMA and CalOES

Grant Reporting



- Optional task
- Budget to support \$11,730
- Level of Effort TBD



Schedule

Schedule


	2025												2026						
Task/Subtask	January	February	March	April	May	June	July	August	September	October	November	December	January	February	March	April	May	June	July
Task 1 - Project Management and Coordination																			
Monthly Progress Reports and Invoices																			
Kickoff Meeting																			
Internal Meetings																			
Board of Directors Meetings						★												★	
Task 2 - Plan Review																			
Plan Review																			
Task 3 - Community and Stakeholder Participation																			
Develop Outreach Strategy																			
Develop Outreach Content																			
Public Meeting					★					★					★				
Plan Chapter Development																			
Public Review																			
Task 4- Risk Assessment																			
Identification and Assessment of Local Hazards																			
Task 5 - Mitigation Strategy																			
Develop Mitigation Strategies																			
Hazard Prioritization																			
Task 6 - Plan Development																			
Administrative Draft																			
Public Draft																			
Final Draft																			
Task 7 - Plan Adoption and Approval																			
Submit Final Plan																			
OPTIONAL TASK 8 - Grant Reporting																			
Progress Reports and Invoices for FEMA																			
Progress Reports and Invoices for CalOES																			



Next Steps



Next Steps

- ▶ Existing Document Review is underway
 - ▶ SASD to provide additional documents
 - ▶ SASD to provide existing stakeholder lists
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Thank you
