



**Sonoma
Water**

Sonoma Valley County Sanitation District System Protection Plan at Kohler & Sonoma Creek Crossings Project

INITIAL STUDY AND MITIGATED NEGATIVE DECLARATION OF ENVIRONMENTAL IMPACT

PRESENTATION TO
SONOMA VALLEY COUNTY SANITATION DISTRICT,
BOARD OF DIRECTORS

SANTA ROSA, CA
APRIL 30, 2024

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Agenda

- Project Purpose and Background
- Project Description
- CEQA Process
- Recommended District Board Actions

Project Need and Purpose

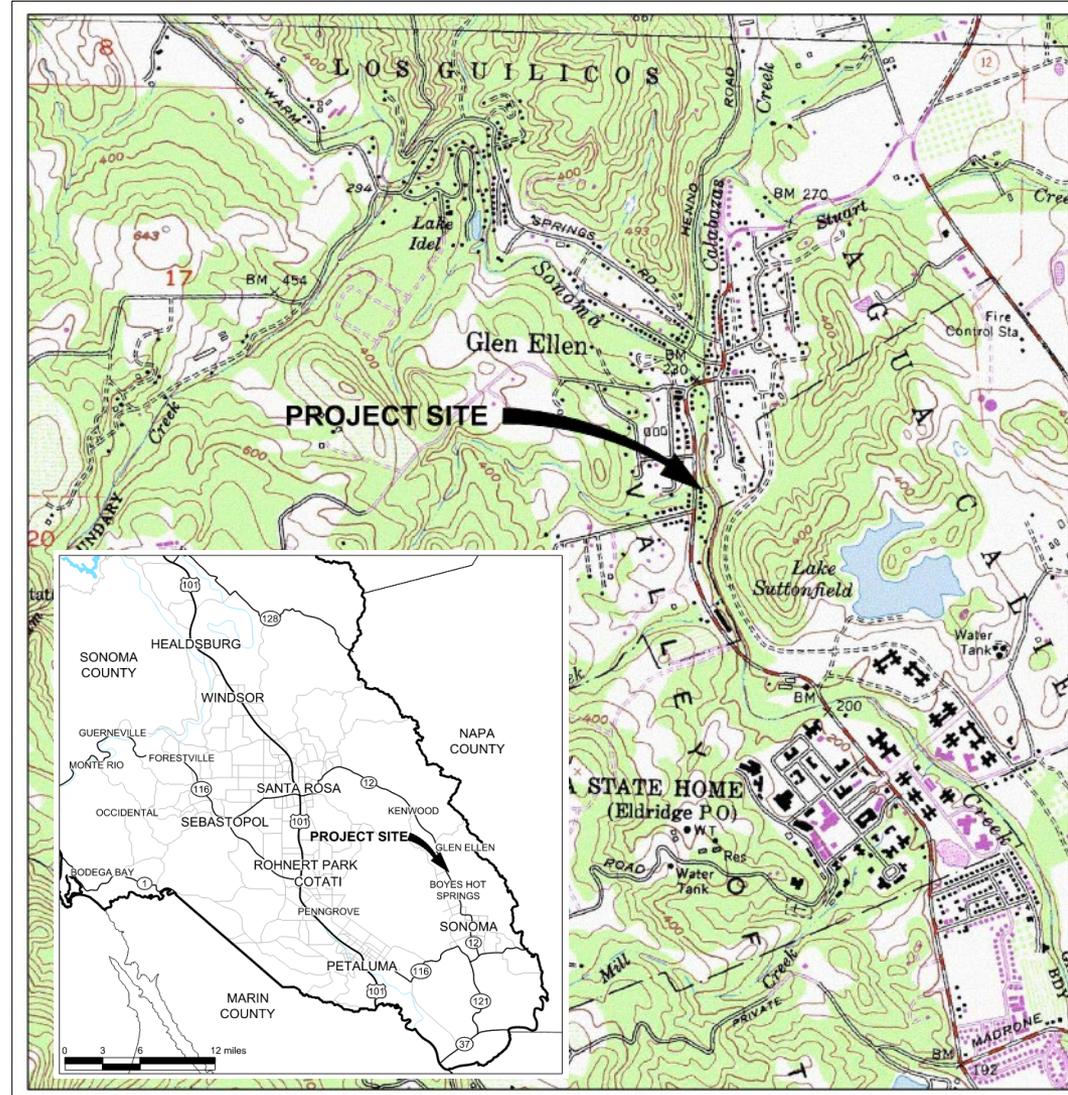


- Creek erosion threatens sewer collection pipelines along Sonoma and Kohler creeks
- Project would stabilize streambanks and channel beds
- Acquire temporary and permanent easements for construction and maintenance

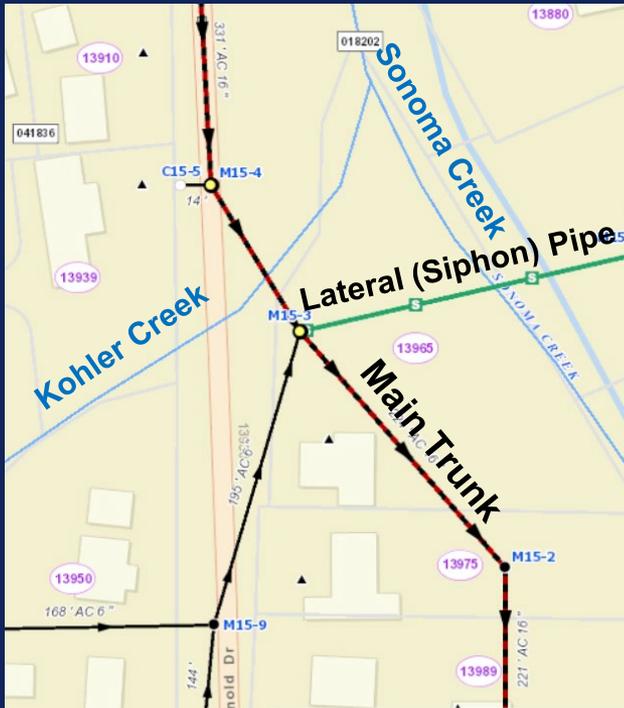
Location

13965 Arnold Drive,
south of the Glen
Ellen

Confluence of
Sonoma Creek and
Kohler Creek



Project Background



- District Sewer collection system serves Glen Ellen area
- Sewer pipelines cross beneath and parallel creeks
- Maintenance hole at top of Kohler Creek bank
- Severe stream erosion exposed infrastructure in 2017 and 2019

Bank Erosion: Three Sites



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Temporary Emergency Repairs in 2019



- Winter flooding accelerated erosion
- Infrastructure imperiled at three sites
- Temporary reinforcements:
 - Removed upper part of a maintenance hole
 - Installed rock riprap on creek banks

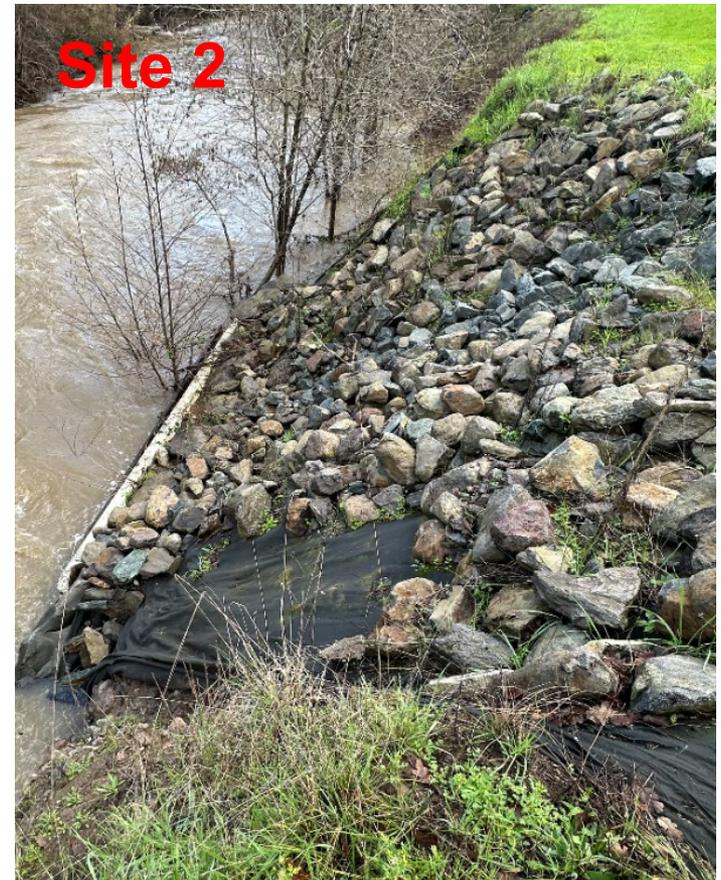
Kohler Creek: Current Conditions

- Trunk main and maintenance hole temporarily protected with riprap



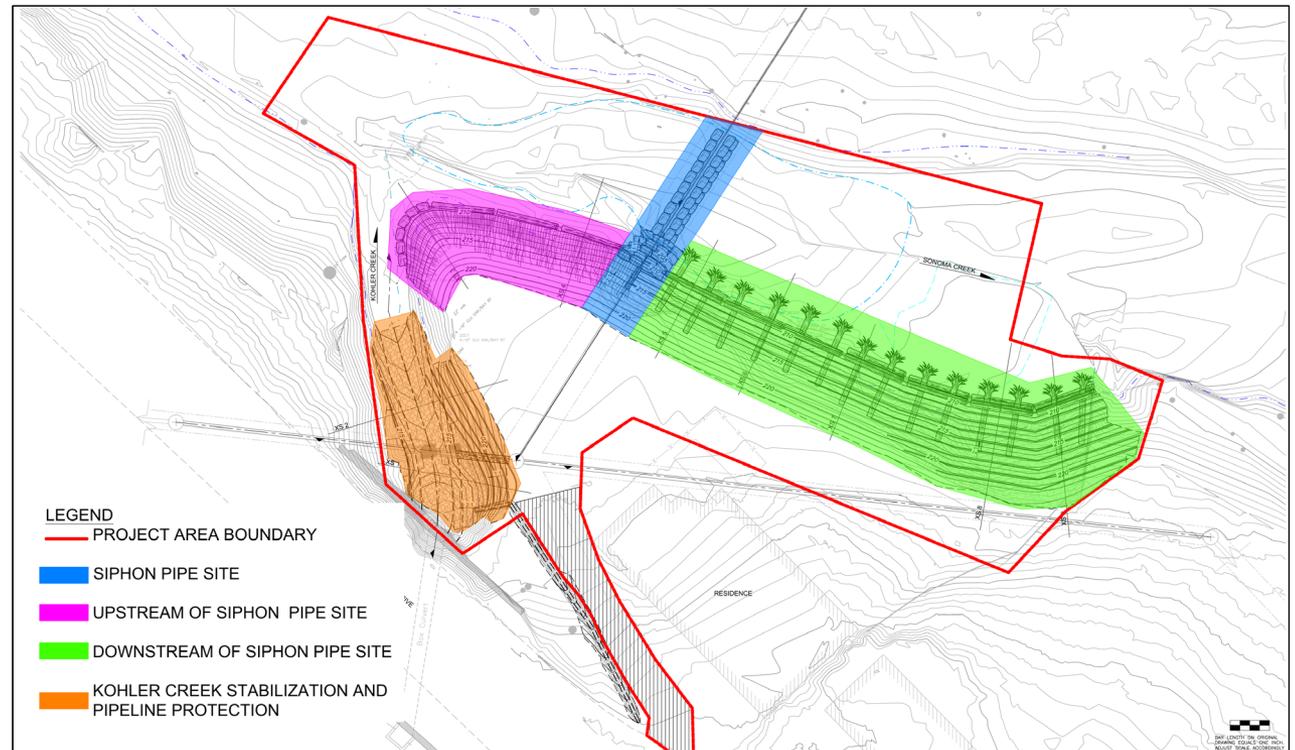
Sonoma Creek: Current Conditions

- Site 1: Trunk main temporarily protected with riprap
- Site 2: Lateral pipe temporarily protected with k-rail and riprap, and maintenance hole top removed



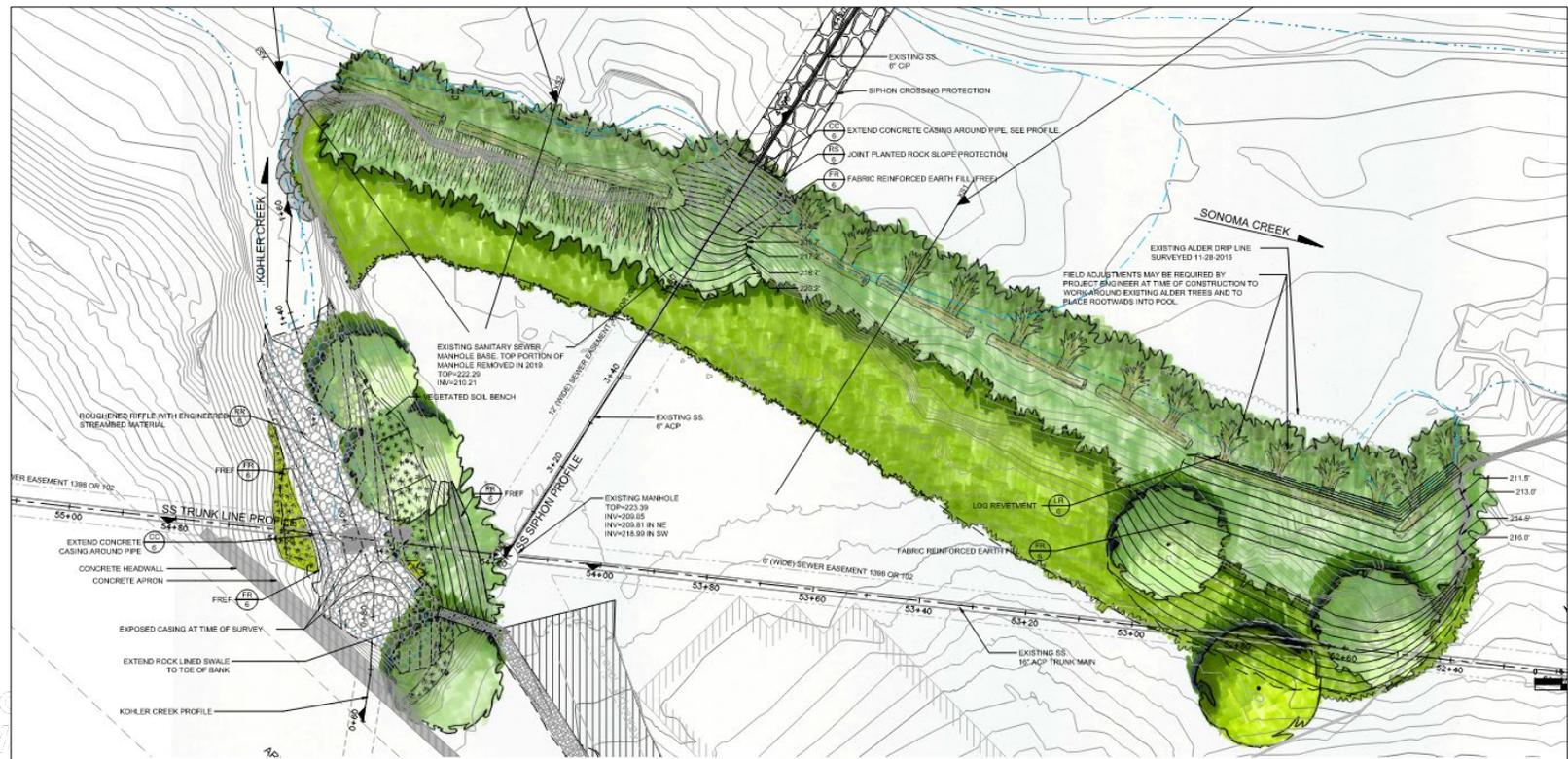
Project Plan

- Remove emergency (temporary) riprap
- Protect infrastructure with permanent creek stabilization
- Acquire temporary construction and long-term and permanent maintenance easements



Stabilization Measures

- Rock slope protection, fabric reinforced fill material, log/rootwad revetments, brush mattress, and native vegetation



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California Environmental Quality Act

- Initial Study and Mitigated Negative Declaration of Environmental Impact (Initial Study)
- Potentially significant impacts mitigated to less than significant level with incorporation of mitigating measures
- Mitigation measures incorporated for categories:
 - Biological Resources, Cultural Resources, Geology and Soils, Hazards and Hazardous Materials, Hydrology and Water Quality, Noise, and Tribal Cultural Resources

CEQA Public Review

- Initial Study available for public review
 - July 18 to August 16, 2023 (30-days)
- Comments received during AB52 consultation with Federated Indians of Graton Rancheria
- Changes made to Initial Study
 - Revision to a Cultural Resources mitigation measure
 - Tribal Cultural Resources mitigation measure was substituted
- Revisions of mitigation measures are equivalent or more effective in mitigating potentially significant effects to a less than significant level and do not require recirculation of the Initial Study



Recommended District Board Actions

- Adopt resolution determining that the project will not have a significant effect on the environment
- Adopt Initial Study and Mitigated Negative Declaration of Environmental Impact for the Project
- Adopt mitigation measures and the mitigation monitoring reporting program
- Make certain related findings
- Approve the Project
- Authorize execution of easement and irrigation agreements





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