

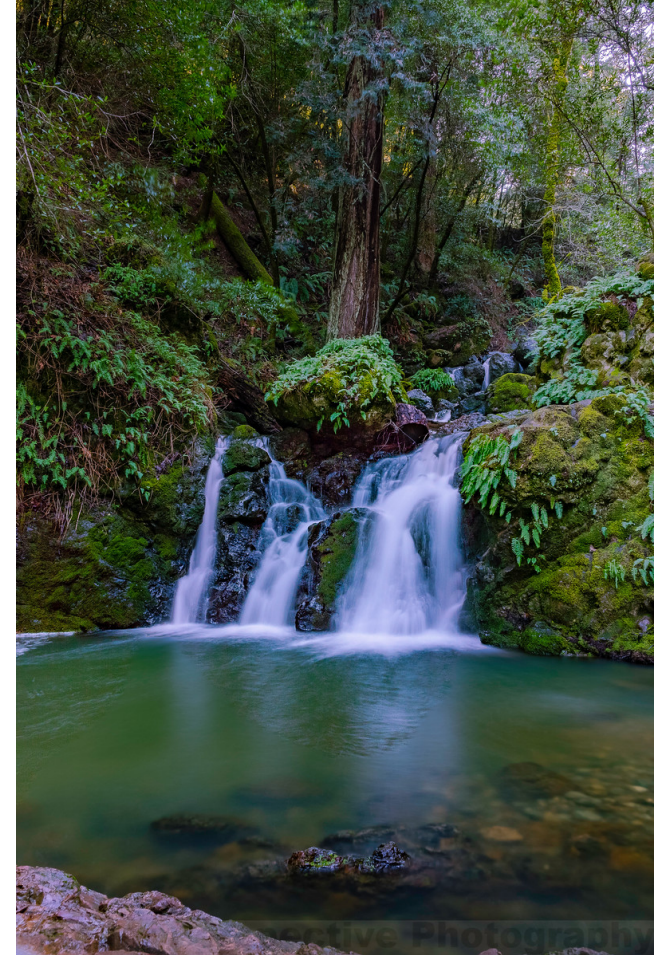


Watershed 2023 Priorities



Overview: Watershed 2023 Priorities

- Biodiversity, Fire, and Fuels Integrated Plan
- Lagunitas Creek Fisheries Enhancement
- Azalea Hill Trail Restoration Project
- Watershed Recreation Management Plan

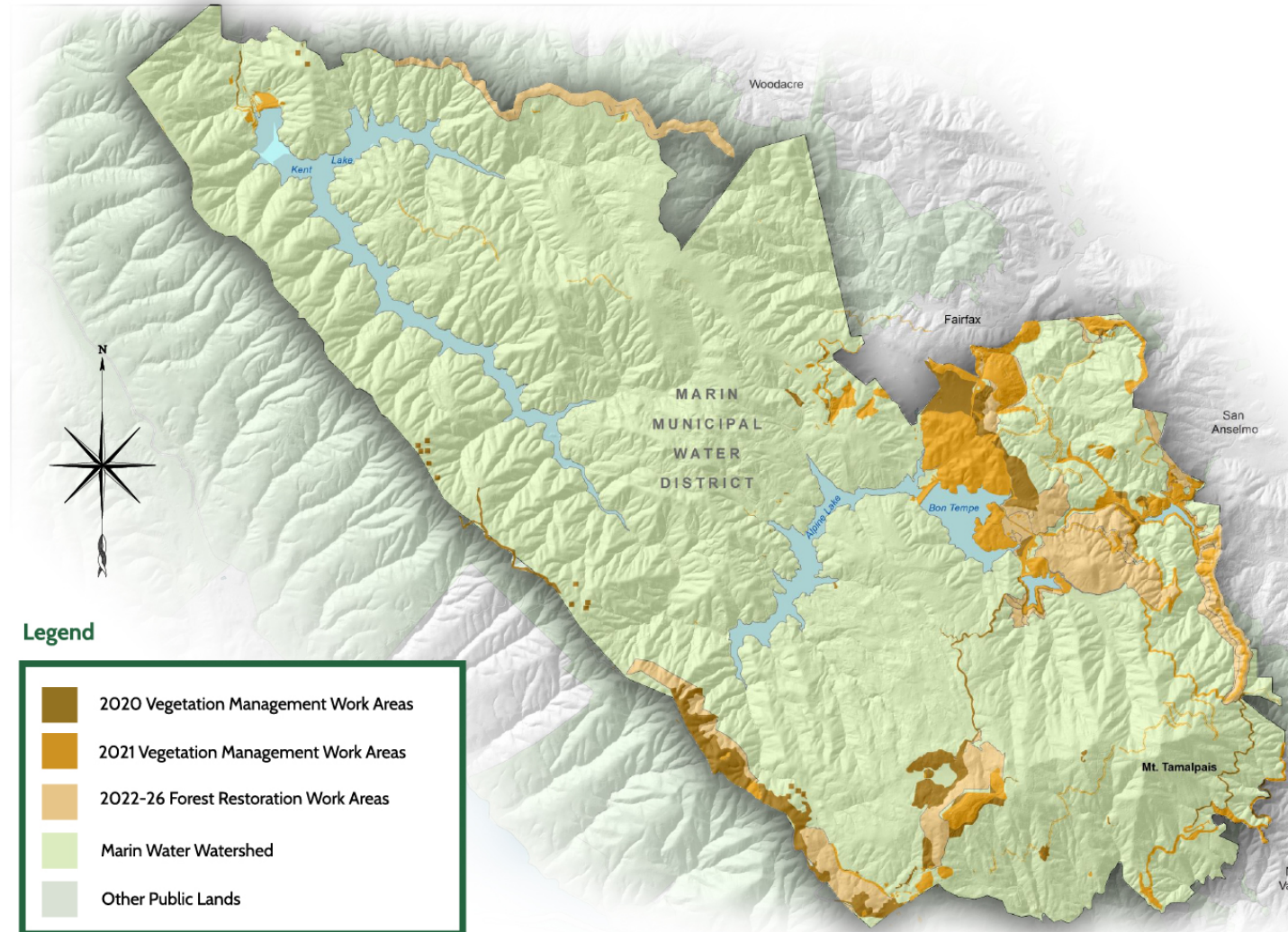
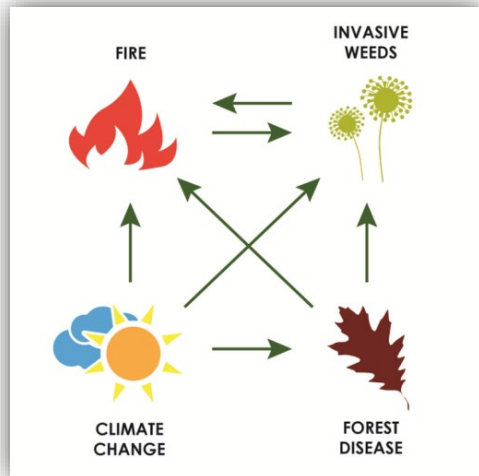


Biodiversity, Fires, and Fuels Integrated Plan

(Adopted in 2019)

BFFIP Plan Goals

- Minimize the Risk from Wildfire
- Preserve and Enhance Existing Biological Resources
- Provide an Adaptive Framework for the Periodic Review and Revision of the Plan



BFFIP Program Enhancements: Annual Goals & Milestones

- One Tam Forest Health Strategy anticipated to be completed - **March/April 2023**
- Wildfire modeling results to inform future treatments presented to Watershed Committee - **March 2023**
- EIR Addendum - **June-September 2023**
 - Increase vegetation management treatment acres
 - Refine Best Management Practices and Mitigation Measures
- State block grant proposal with One Tam - **May-July 2023**

Wildfire Modeling

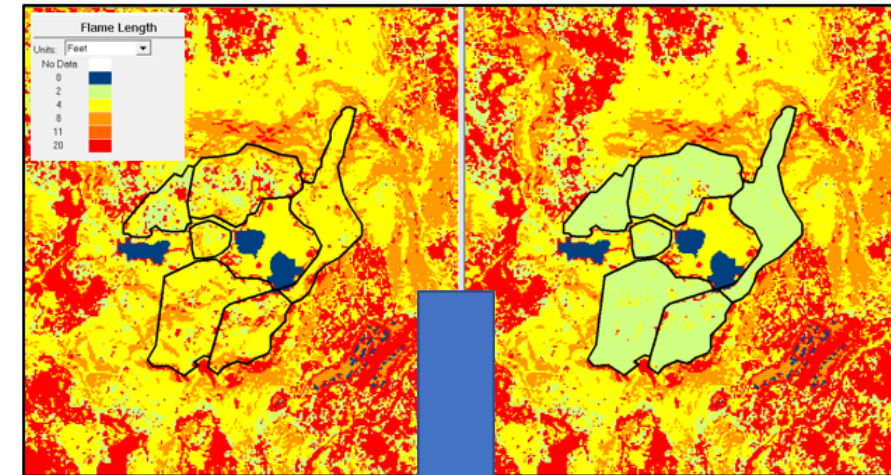
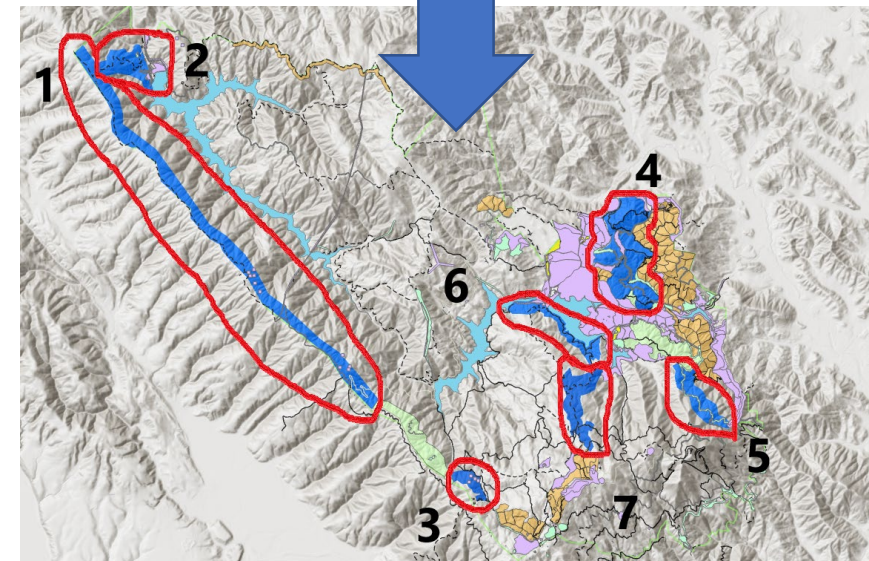
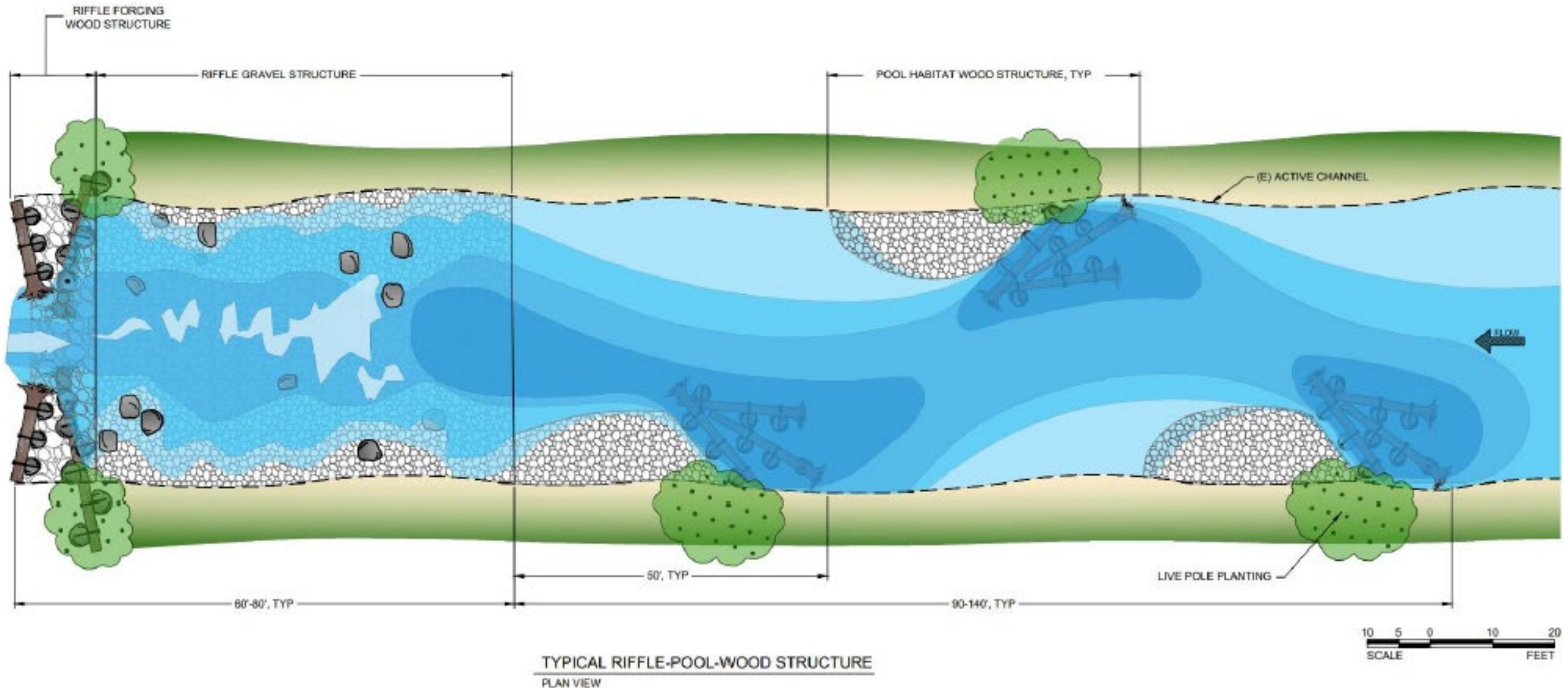


Figure 24. Pre-treatment (on left) and post-treatment (on right) flame length fire behavior prediction. Work areas shown with black outlines.

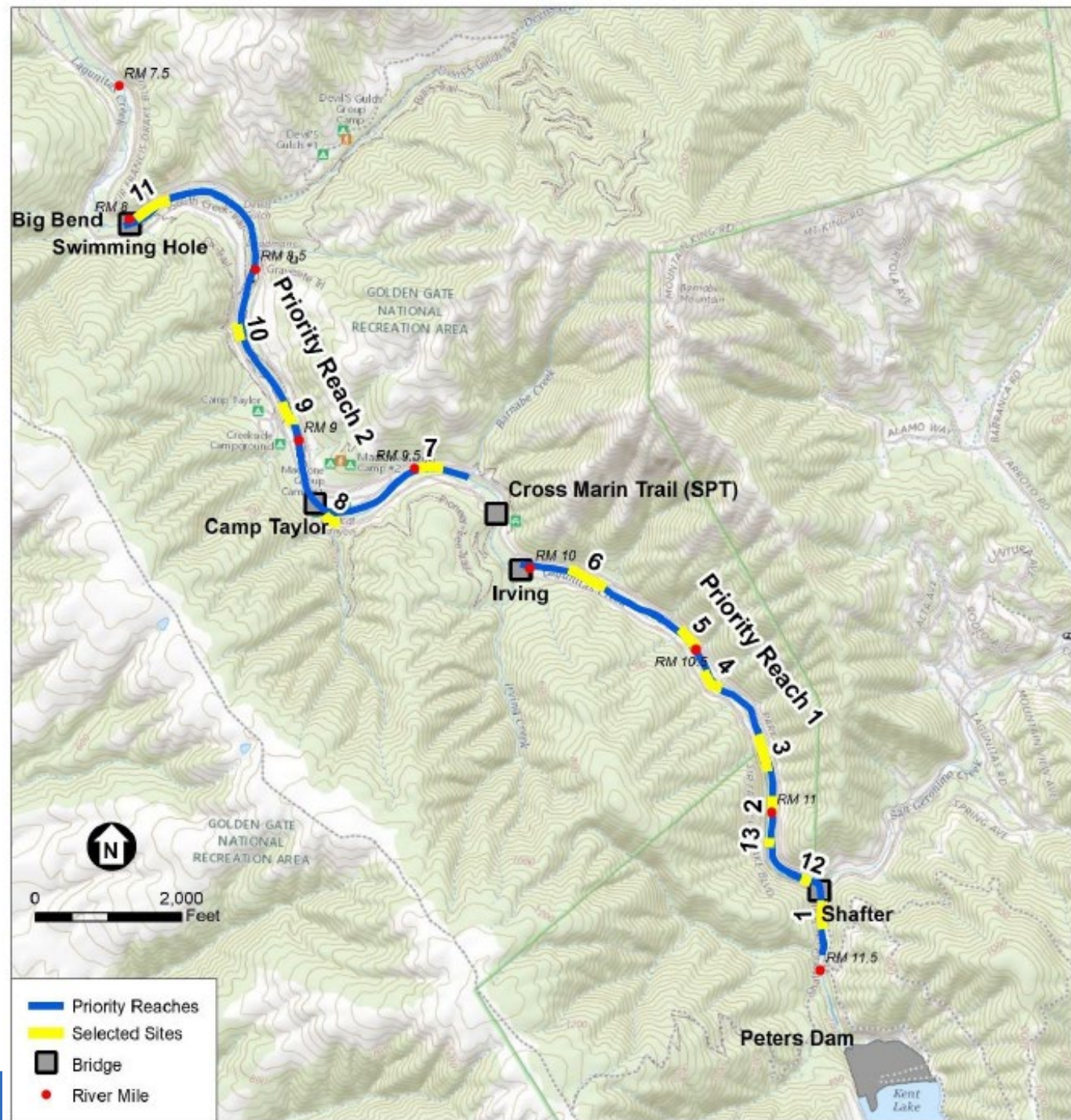


Lagunitas Creek Habitat Enhancement Project



Restoration Sites

- Two Priority Reaches
 - 13 Sites Total
 - Phase 1 = 8 sites
 - Phase 2 = 5 sites
- Estimated Phase 2 Design Costs = \$1 million
- Estimated Implementation Cost = \$8 million



Lagunitas Creek Watershed Enhancement Funding

Recent Awards

- **CDFW Prop 1 Grant** secured for 30% restoration designs for 13 sites \$350,000
- **CDFW Prop 68 Grant** secured to complete final design plans and environmental review of 8 Sites \$800,000
- **USBR WaterSMART Grant** secured to implement construction of Sites 1, 2, 3 \$1.4 million

Recent Applications Submitted

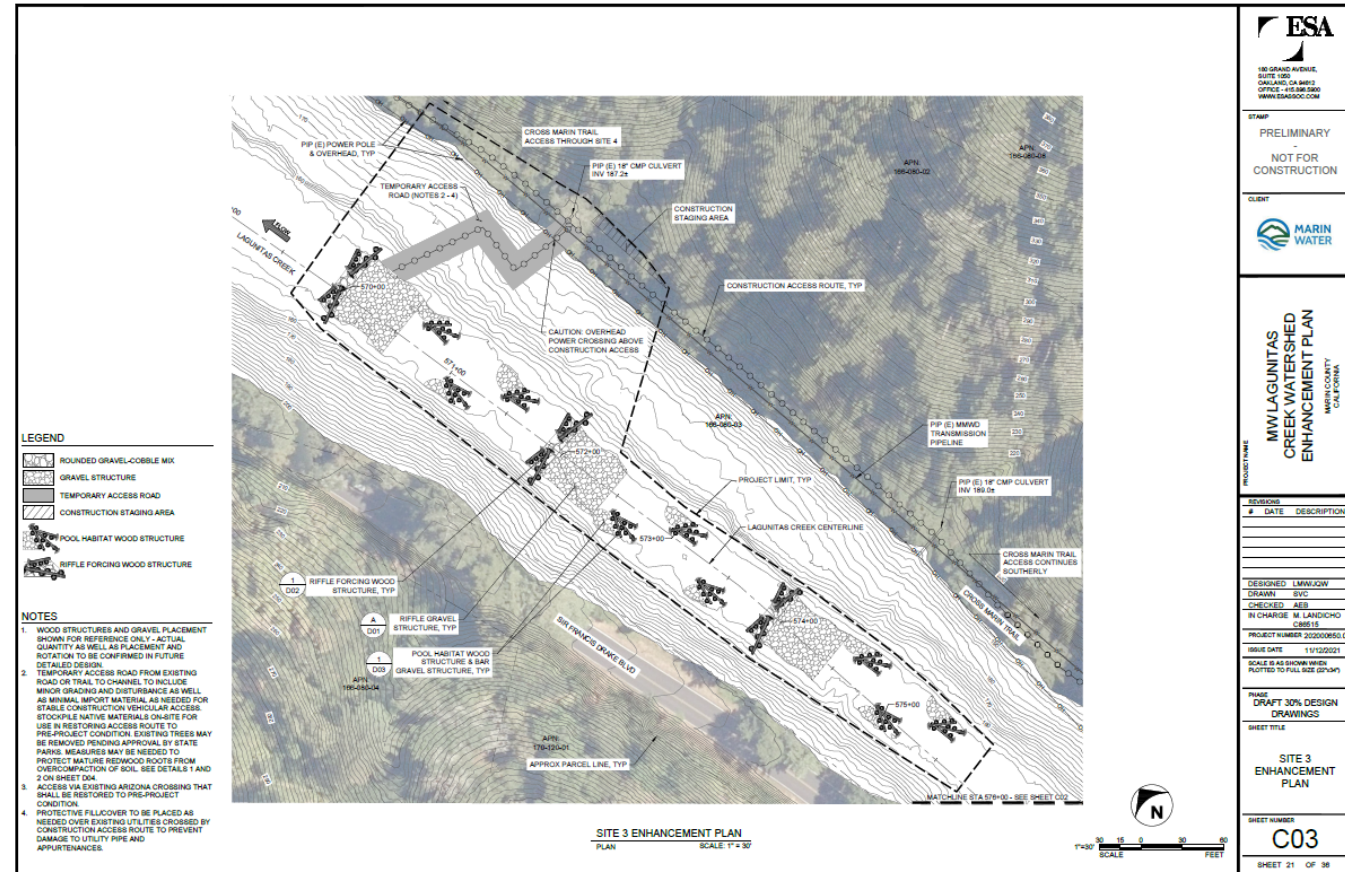
- **DWR Riverine Stewardship Grant** application submitted to implement construction of Sites 12 and 13 (gravel augmentation) \$650,000
- **DWR Storage Improvement and Restoration Grant** application submitted to implement construction of Sites 4, 5, 6 \$2.6 million

Future Applications

- **CDFW Fisheries Grant & Wildlife Conservation Board** application to be submitted in 2023/2024 to complete Phase 2 final designs and for implementation of 7, 8, 9, 10, 11
 - Outstanding funding need for Phase 2 design and implementation \$5 million

Lagunitas Creek Enhancement Plan: Goals & Milestones

- Final restoration designs - **April 2024**
- Construction bidding - **May 2024**
- Implementation of Sites 1, 2,3 - **June-October 2024**
- Secure grants for Phase II Design Funding - **2024**



Azalea Hill Trail Project

Azalea Hill

Restoration Project

Ongoing trail construction work is designed to ensure more sustainable ecology while enhancing visitor access.



MMWD / David Greenberger / One Tam

Saving Serpentine Habitat

The greenish serpentine soil covering Azalea Hill is home to tough and tiny plants that grow few other places.

Heavy human traffic on and off the trails here has threatened the plants that grow in the serpentine outcrops.

MMWD is enhancing this trail as part of a multi-phase project to preserve wildlife and the watershed, and to encourage responsible use of this location.

How You Can Help



Stay on designated trails

A new trail alignment was designed to protect this fragile ecosystem and protect water quality, but depends on visitors respecting the marked paths and staying on trail.

Thank you for your continued cooperation.



Stay off restricted trails

The unmarked "social trails" on this location have been removed to protect the habitat.



Stay out of closed areas

Please help us make this project a success by observing marked trails.



Phased Construction

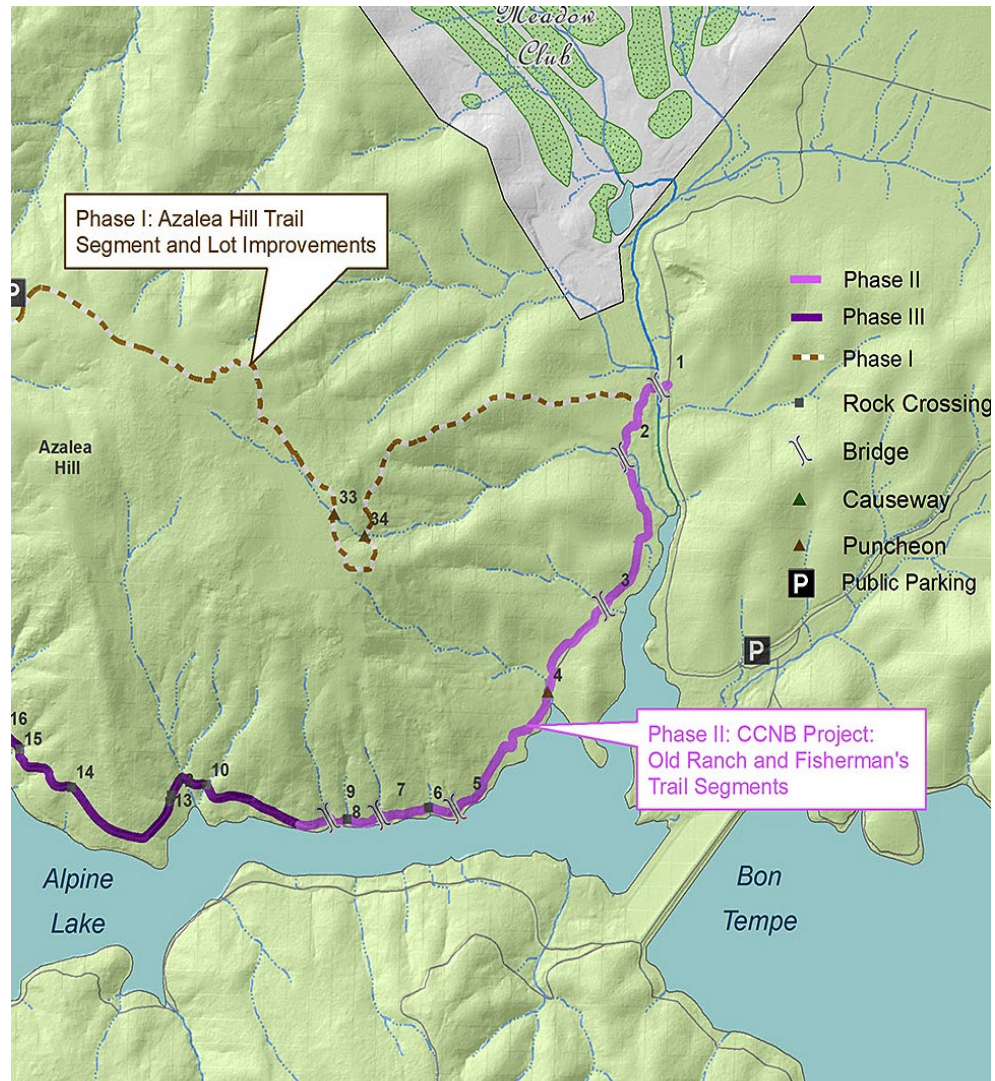
MMWD has secured funding from the Mt. Tamalpais Fund, the Emig Trust and Proposition 68 to begin construction of the trail. MMWD is actively seeking grants and private donations to support construction of future phases.

To make a donation to this project, visit MarinWater.org/MtTamWatershedFund

MarinWater.org
and OneTam.org

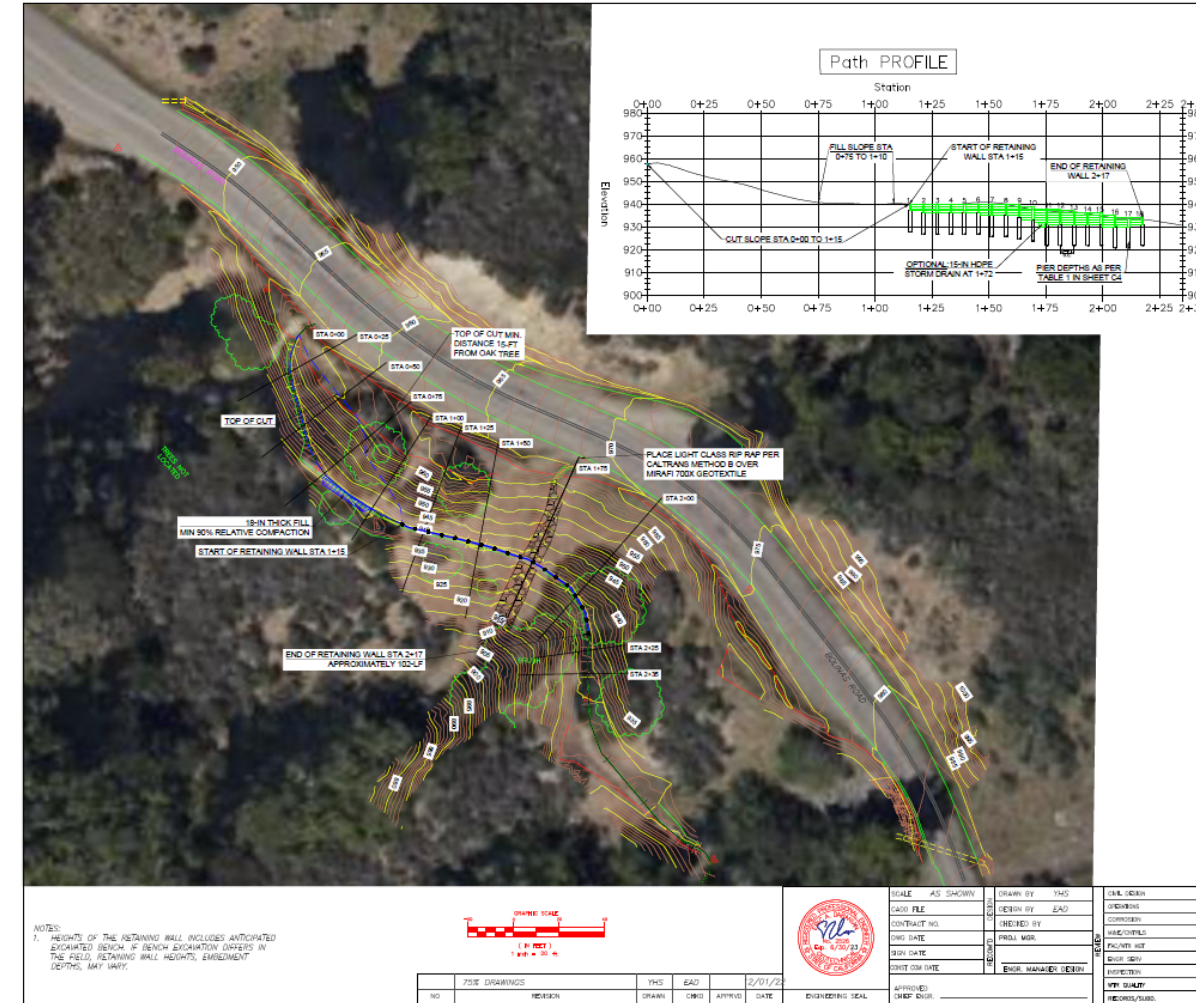


Azalea Hill Trail Work Completed



Azalea Hill Trail Restoration Project: Goals & Milestones

- **Trail retaining wall construction - Bidding February 2023**
- **Retaining wall construction – May-October 2023**
- **Rare Plant Surveys to inform future phase of work - 2023-2024**
- **Continue hiking trail improvements and social trail decommissioning - 2024**



Watershed Recreation Management Plan

Introduction &
Project Overview

Goals, Objectives
& Visitor Survey

Stewardship &
Outreach
Programs

Recreation
Facilities

Visitor Survey
Results &
Recreation
Zoning

Visitor
Management
Strategies &
Adaptive
Management

Final Recreation
Management Plan

(Fall 2023)

Meeting #1
May 2022

Meeting #2
July 2022

Meeting #3
August 2022

Meeting #4
October 2022

Meeting #5
February
2023

Meeting #6
April 2023

Site Visit #1
July 2022

Site Visit #2
November 2022

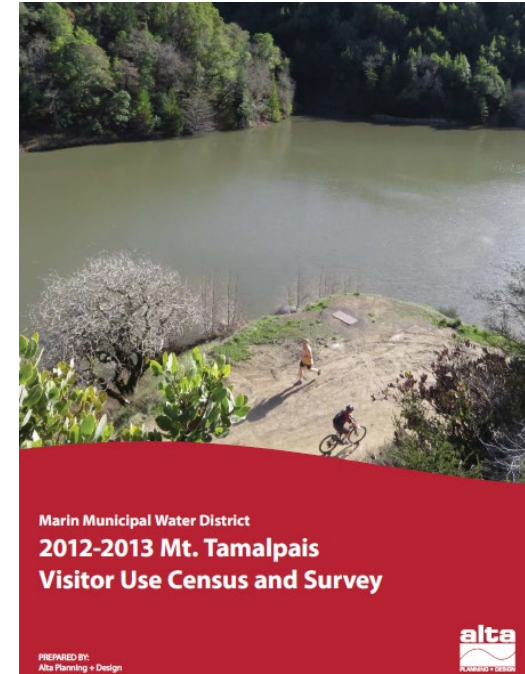
Visitor Use Surveys

Visitor Data Analysis

We
Are
Here

Watershed Recreation Management Plan: Goals & Milestones

- Watershed census survey report finalized - **April 2023**
- Draft Plan - **November 2023**
- Consider updates to Road and Trail Plan and advance CEQA review - **2024**
- Initiate Implementation of recommendations - **2024-2026**



Summary

- BFFIP Addendum will expand acres for vegetation work, positioning the District/One Tam for a block grant.
- Azalea Hill Project implementation focus in 2023/2024 will be on retaining wall, bridges, and rock crossings.
- Lagunitas Creek Restoration Project will begin implementation in 2024 and continue through 2027/2028
- Watershed Recreation Management Plan will include outcomes that inform future management actions.

