



SCWA Zone 3a

2023 Project Updates

December 7, 2023

# Sonoma Ecology Center Restoration Projects

## Watershed Partnership Program

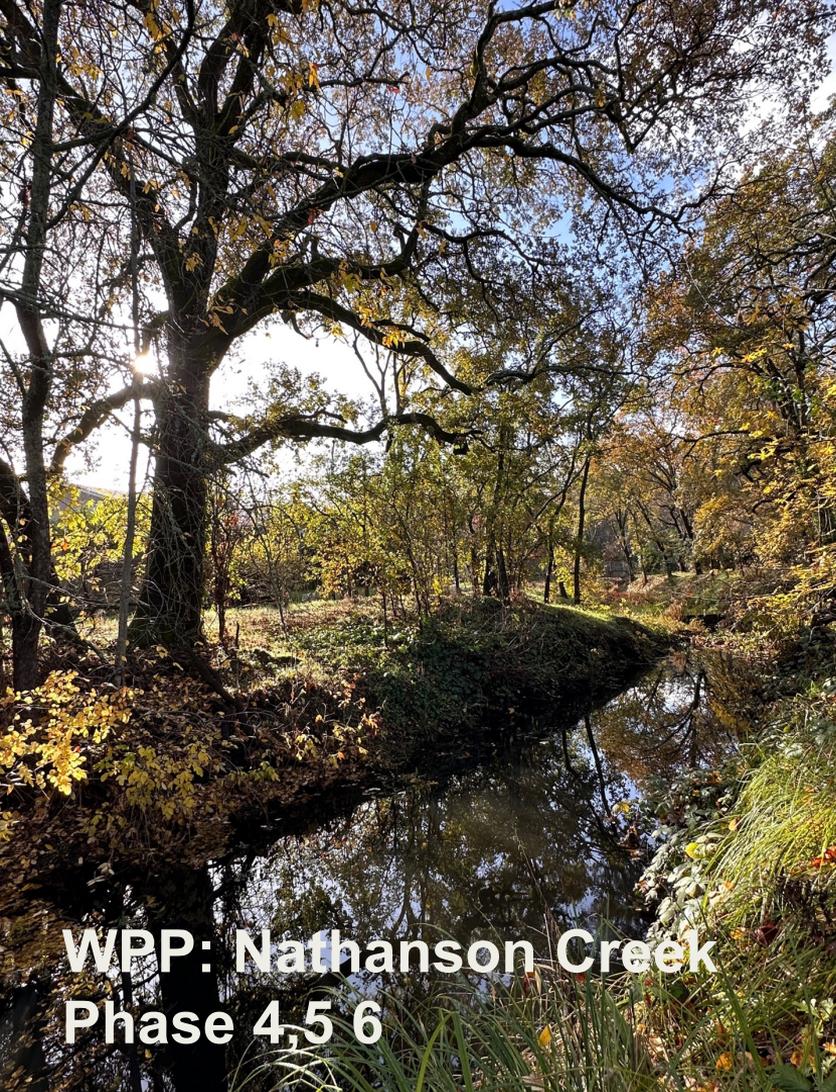
- Nathanson Creek: Phase 4, 5, 6
- Rodgers Creek: Phase 1 & 2

## Debris Management Contract

## Mitigation Projects

- Sonoma Aqueduct Tree Plantings
- Glen Oaks Tree Plantings





**WPP: Nathanson Creek  
Phase 4, 5 6**

- Nathanson Phase 4 (final year)

.55 acre project area with 1,040 linear feet of bank treated and maintained, ~550 plants (127% survival)

- Nathanson Phase 5

1.2 acre project area with 855 lf bank treated/maintained, 243 plants (102% survival)

- Nathanson Phase 6

1.7 acre project area, 640 lf bank treated/maintained; 520 plants (73% survival)

# WPP: Rodgers Creek

## • Phase 1: Started 2022

Project area: 1.2 acres and 600 lf along stream

Planting January/February 2023 with 280 plants (map at right)

[GIS Story Map](#)

## • Phase 2: Started 2023

Project area: .94 acres and 570 lf of bank

Invasive plant removal began October 2023

Native planting and additional invasive control in 2024



# Rodgers Phase 2

Fall 2023: initial invasive species removal, estimated 2 tons material hauled off site to green waste

facility  
**Before**



**After**



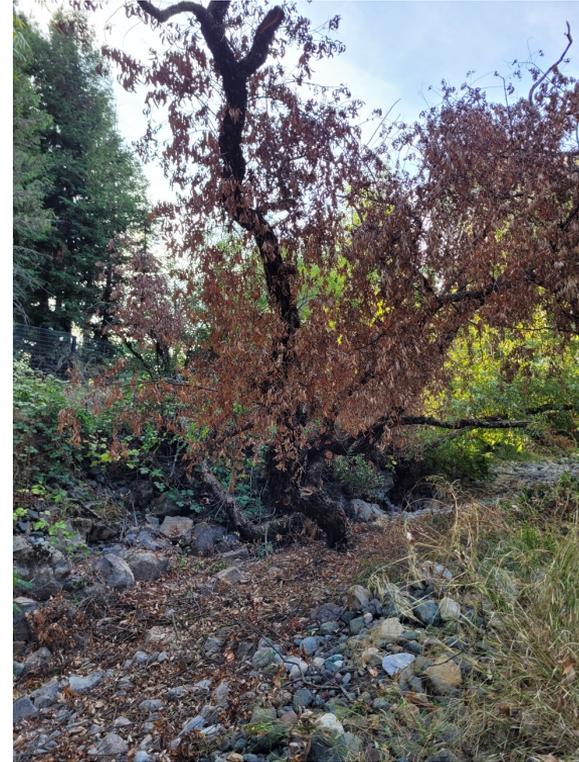
# Debris Management

- Early 2023 developed and sent out educational pamphlet about creek health
- Nov 2023 before/after of clearing downed willow branches in Sonoma Creek along Adobe Canyon Road

**Before**



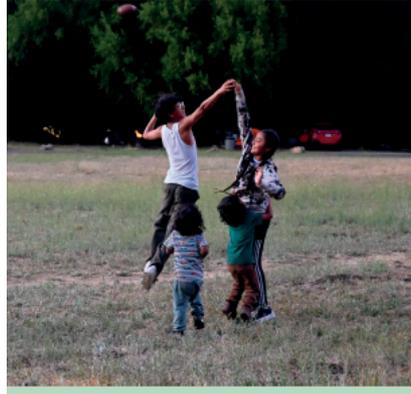
**After**



# Debris Management: Educational Flyer



What's  
happening in  
your  
neighborhood?



Dear Neighbor,

Today's children and wildlife need clean and healthy places to live and play. Creating these environments in our own neighborhoods not only benefits them, but has a ripple effect.

The health of the Sonoma Creek Watershed directly impacts the health of San Pablo Bay, and even the Pacific Ocean.

Most of the litter and debris in our oceans was blown into rivers and creeks like Sonoma Creek, which carry them to the ocean. Pet waste adds bacteria and excess nutrients that can lead to illness and algal blooms locally disrupting the balance all the way to the ocean.

Sonoma Ecology Center Earthlings, a youth-led group of climate and environmental action takers, ask you to join their effort to keep our waters clean, starting with your neighborhood.

## What can you do to keep your neighborhood and creeks clean?

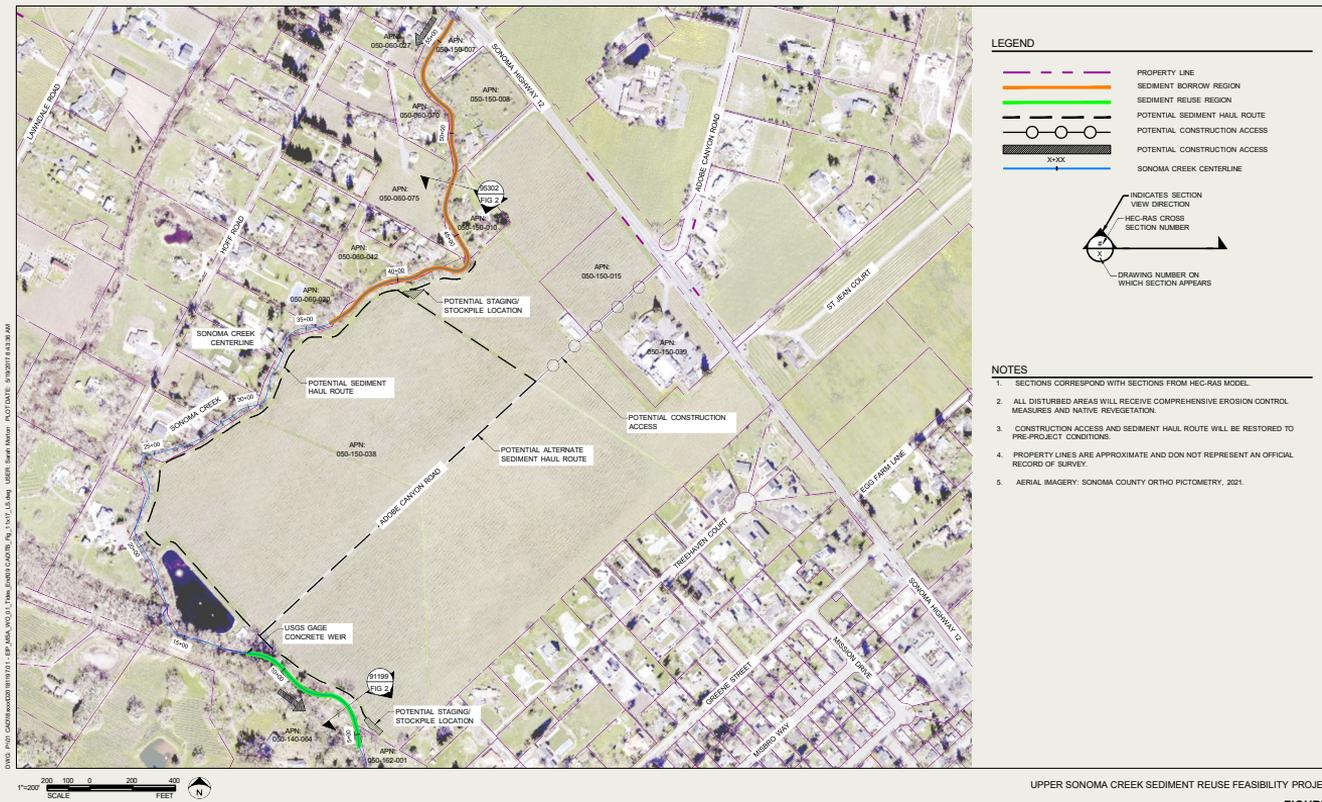
- Join a club, church or neighborhood group that is already organizing neighborhood and creek clean ups.
- Begin your group's own seasonal block clean-ups! Learn how at <https://actiontracker-dev.streetsocreeks.org/campaigns>.
- Pay attention to construction or project sites in your neighborhood. Building projects can generate waste that ends up in the creek.
- If you observe an issue, contact a local agency to anonymously report a polluter <https://sonomaecologycenter.org/who-to-contact>, or make an observation on Sonoma Valley Creeks Observer App <https://secgis.maps.arcgis.com/apps/CrowdsourcingReporter/index.html?appid=3f01fdd7087b499d9bde8bce99983>.
- If you use Sonoma Valley's bike paths and trails, do your part to keep them clean!
  - Bring a collection bag on your walks and rides.
  - Pick up after your pets! Pets on walks and on the loose are the source of some of the worst (most harmful?) pollution in our watershed.
  - Have conversations with others about promptly picking up after animals.
- Save water at work, in your home and landscapes!
  - Find tips on how at <https://www.savingwaterpartnership.org>.
- High traffic areas often have trash that makes its way into the creeks. Join a City or County Adopt a Road program effort! Learn more at [https://sonomacounty.ca.gov/development-services/sonoma-public-infrastructure-\(formerly-tpw\)/divisions/roads/services/traffic-engineering/adopt-a-road](https://sonomacounty.ca.gov/development-services/sonoma-public-infrastructure-(formerly-tpw)/divisions/roads/services/traffic-engineering/adopt-a-road).
- Bridges are major spots for litter bugs. Join one of Sonoma Ecology Center and Sonoma County Regional Park's partnership creek cleanup days or events on the SEC events calendar, <https://sonomaecologycenter.org/events>.
- Engage with local schools for campus clean-ups! Schools generate large amounts of blown litter ending up in the waterways.







# Upper Sonoma Creek Stream Gravels Beneficial Resuse Project



UPPER SONOMA CREEK SEDIMENT REUSE FEASIBILITY PROJECT

**FIGURE 1**  
PLAN OVERVIEW



**Thank you!**

**Questions?**

Additional questions about these projects or  
our other work can be directed to:

[Lauren@sonomaecologycenter.org](mailto:Lauren@sonomaecologycenter.org)

[Steve@sonomaecologycenter.org](mailto:Steve@sonomaecologycenter.org)