

Zone 3A Annual Meeting November 19, 2020

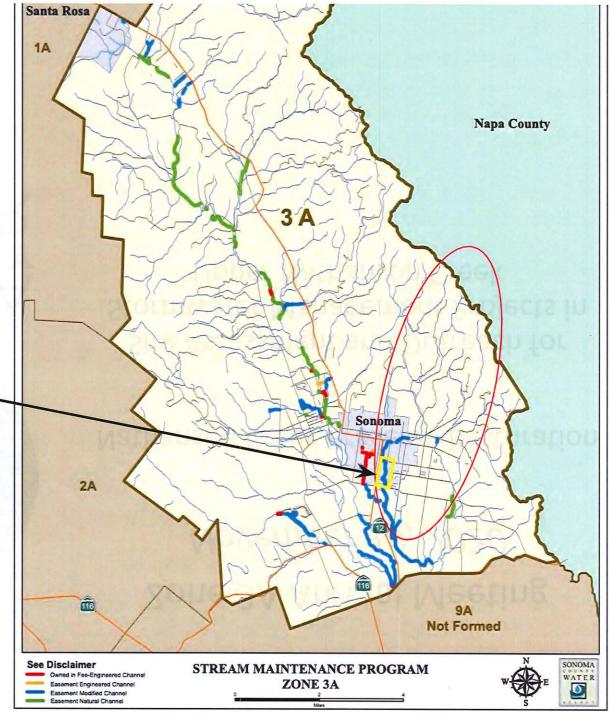
Nathanson Creek Preserve Restoration

Site Assessment and Outreach for Stormwater Management Projects in Upper Nathanson Creek



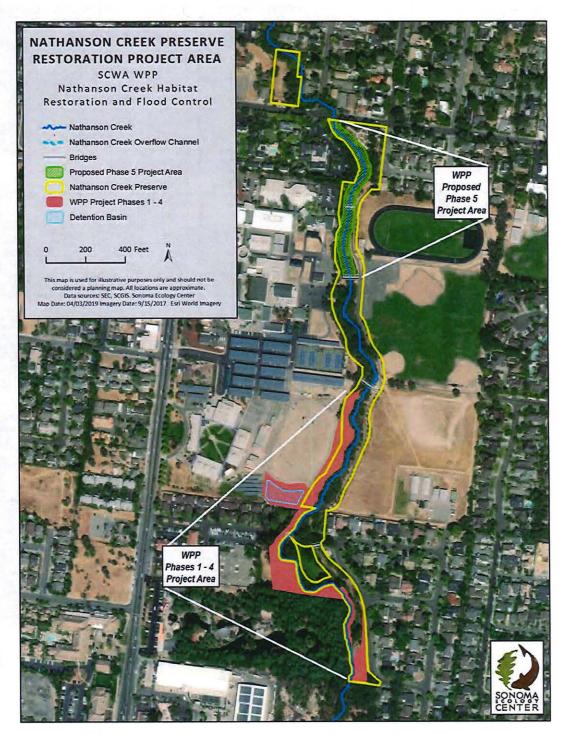
Nathanson Creek Preserve





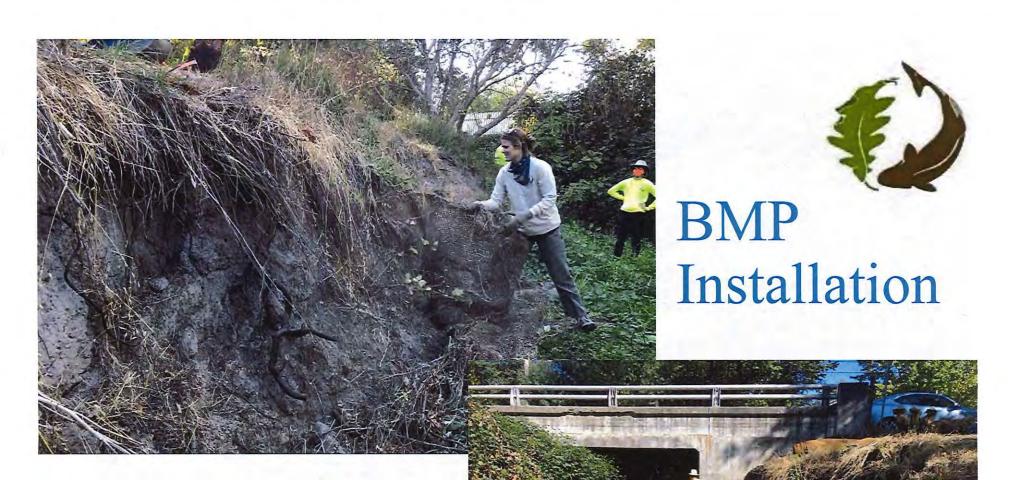
Watershed Partnership Program Areas







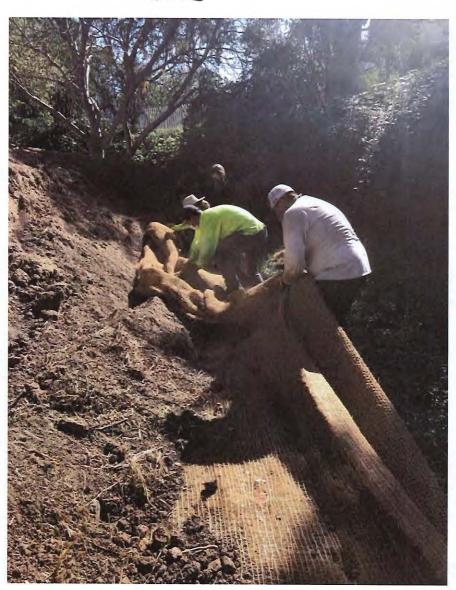


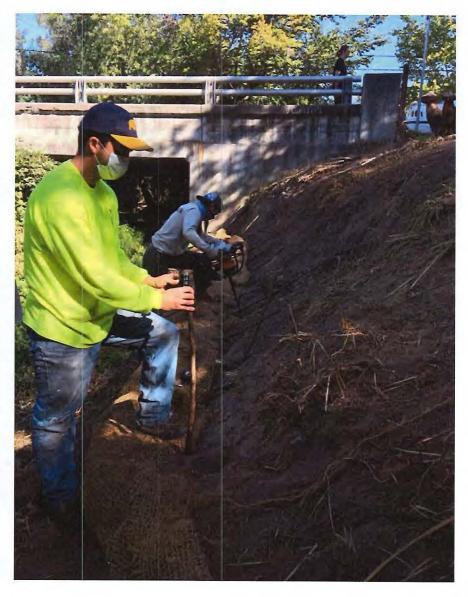


Bioengineered Bank Stabilization



Soil Lift in Coco Coir







MacArthur Bridge





In Stream Debris Management



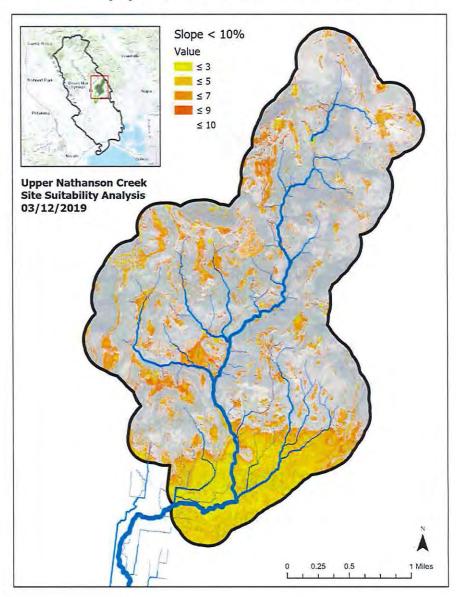


BEFORE AFTER



Landscape Analysis Considerations:

- Slope (topography)
- Proximity to creeks
- Exclude existing infrastructure and buildings
- Include larger vineyard parcels

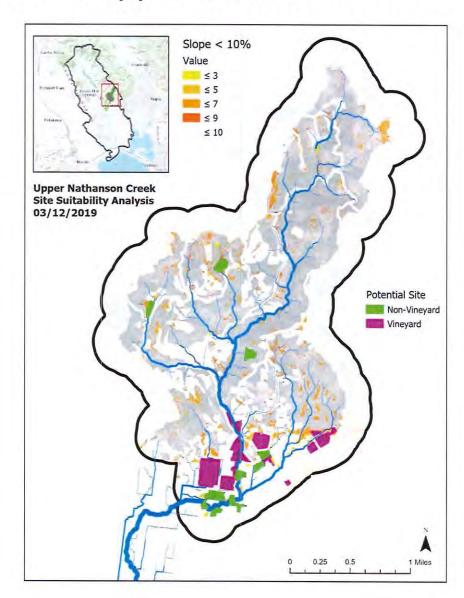




Landscape Analysis Considerations:

- Slope (topography)
- Proximity to creeks
- Exclude existing infrastructure and buildings
- Include larger vineyard parcels

Results: 35 acres of open space and 73 acres of vineyard, the median size was 2-acres, and the largest size was 24-acres

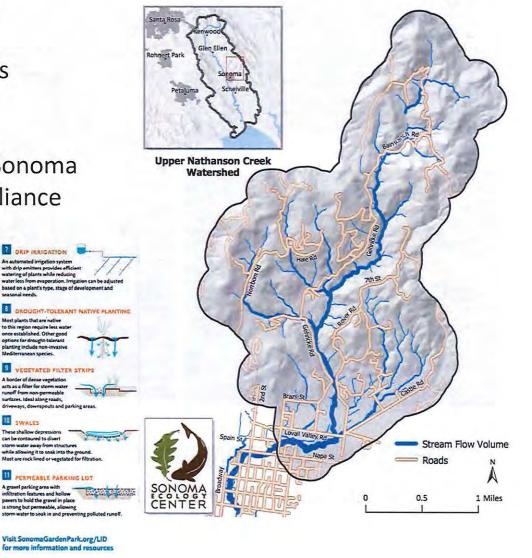




Outreach

- Networking with SEC contacts
- Email blast, newsletter, blog post
- Chamber of Commerce and Sonoma Valley Vintners & Growers Alliance







Stormwater Management Project Types:

- Off-Channel Detention
- Instream Impoundments
 Management forecast
 informed pond
 management
- Vineyard Inundation
- Roadside Ditch Networks









Next Steps

- Engineering feasibility study for identified stormwater project locations
- Planning projects where landowners interest and feasibility are in alignment
- Continued landowner outreach and project development

