



Zone 3A Annual Meeting

December 13, 2022

- SEC Debris Management contract activities
- Upper Sonoma Creek gravel translocation feasibility study (SEC/ESA)
- Upper Nathanson Creek stormwater management feasibility study (SEC/PCI)

Presenter: Steven Lee, SEC Senior Scientist and
Research Program Manager (Barry Hill not available today)

Debris Management Activities

- Site visits/consultations through the year at Madrone Creek, Kohler Creek, Sonoma Creek near Oregon Street and also Nathanson Creek
- Vegetation removal work always done through existing routine maintenance agreements in past, but there are new permitting complications through SF RWQCB. NOI's prepared but not submitted for these projects. Work on hold until resolution found.

Debris Management Activities

- Madrone Creek landowner has proceeded with vegetation clearing along creek.



Debris Management Activities

- But debris at the culvert remains an issue.



Debris Management Activities

- Additional vegetation clearing at Hooker Creek (not by SEC)



Education and Creek Cleanups

- SEC Education Dept is working on educational materials for this project (not yet ready to share)
- SEC lead or participated in multiple creek cleanup events (10) throughout the year to deal with trash and woody debris



- SEC staff and volunteers at Nathanson Creek, July 27



- Trash below Leveroni bridge on Sonoma Creek



- One of two trailer loads of trash removed from Leveroni bridge



- Woody debris removed from Boyes Blvd bridge



Upper Sonoma Creek Stream Gravels Beneficial Use Project

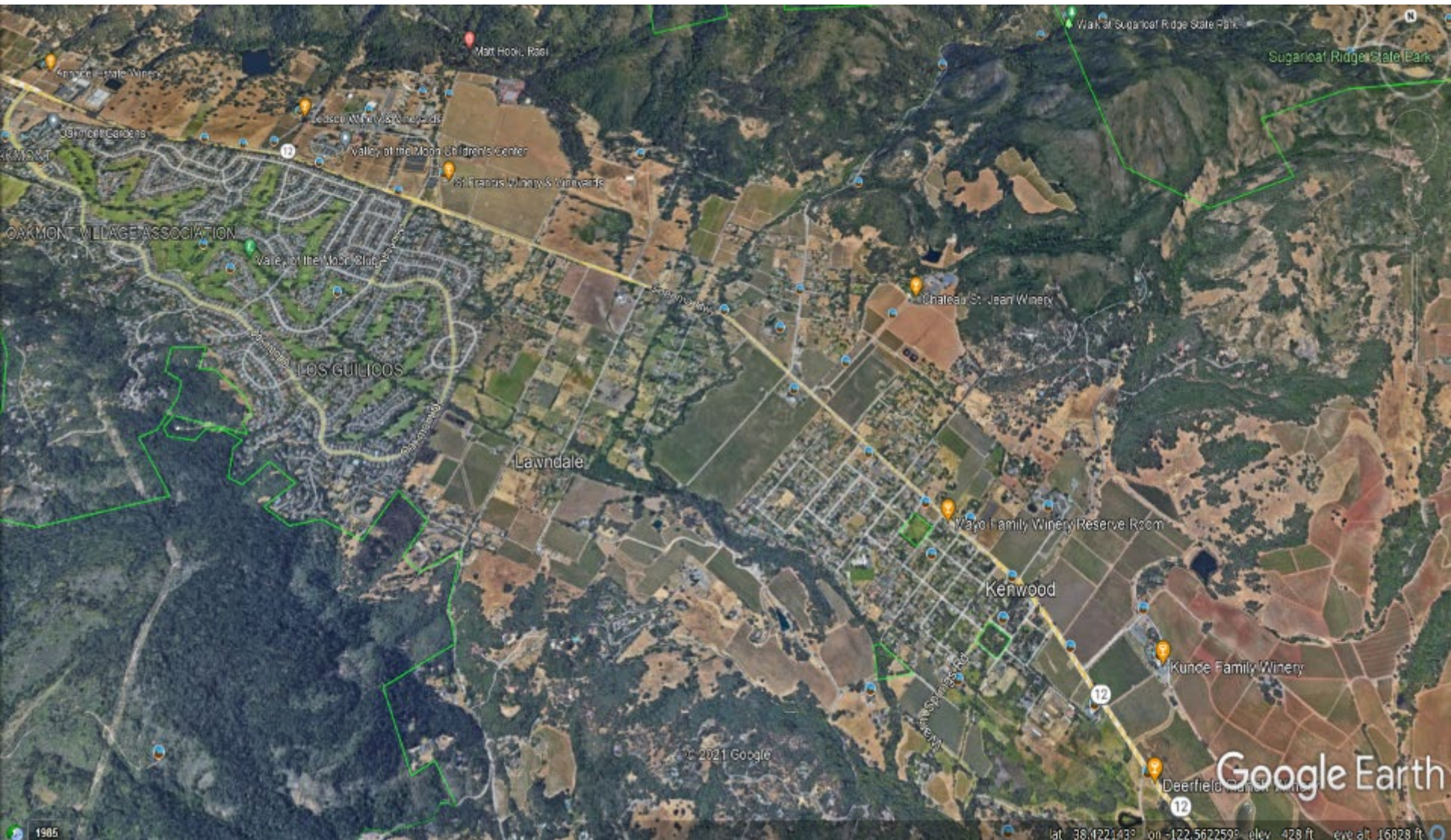


<https://sonomaecologycenter.org/restoration-vision/>

Partner: Environmental Science Associates

Project funding

- \$200,000 SWRCB/RWQCB 319(h) program funds – Sonoma Creek sediment TMDL
 - \$67,000 Sonoma Water Zone 3A –match funds
- Streambed/sediment characterization and project feasibility study 2023-2024





Google Earth

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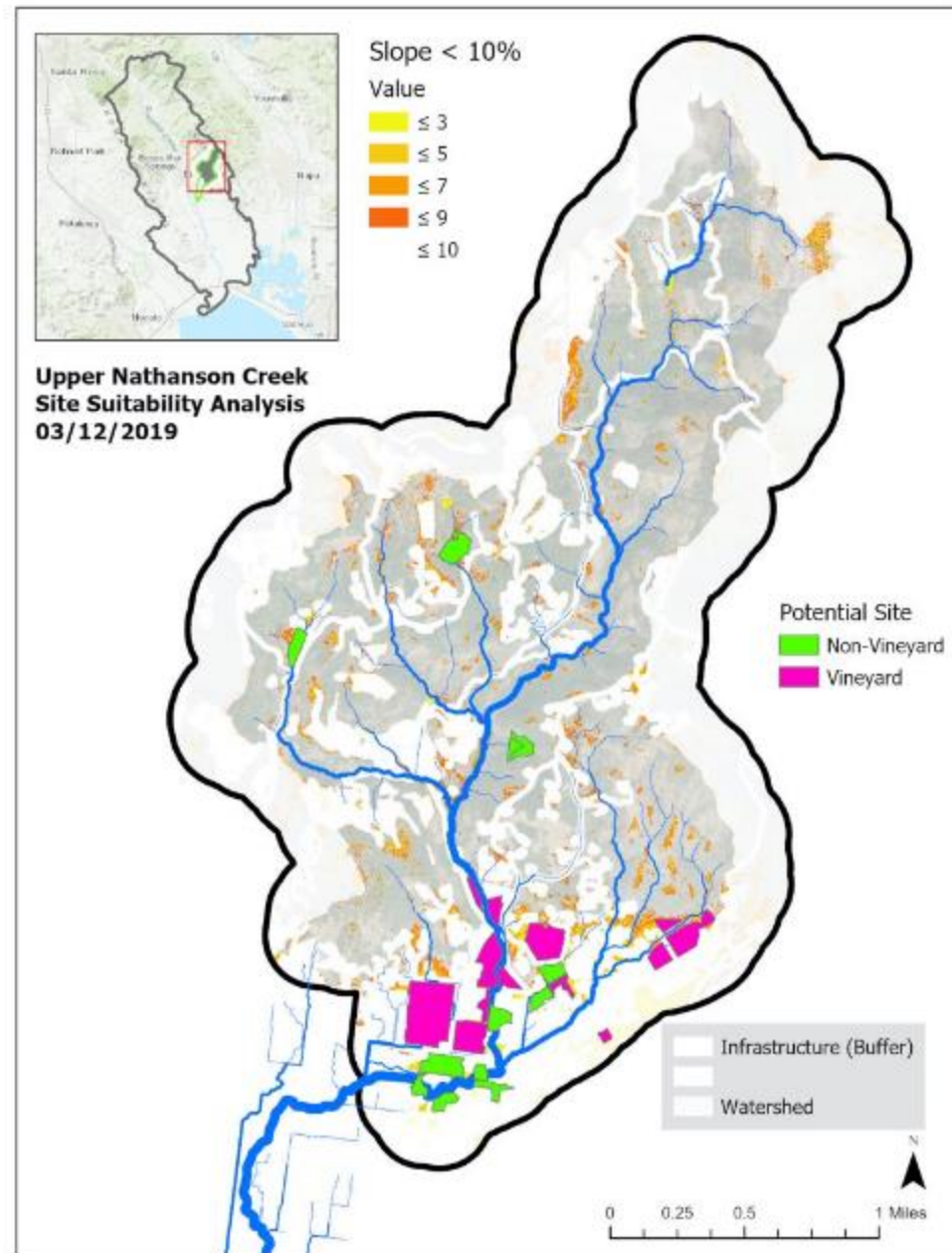
lat: 38.419828 lon: -122.558332 elev: 428 ft eye at: 6881 ft

Upper Nathanson Creek landscape analysis for potential, off-channel stormwater detention



***No great options for large, singular off channel flood detention project, but many smaller project concepts proposed:**

- Haywood Ranch property
- Sebastiani winery site
- Others



Project funding

- \$300,000 allocation (2022/2023) Zone 3A
- Prunuske-Chattem Inc (PCI) is project partner
- Getting ready for project contracting and kickoff soon, 2023-2024 project timeframe

Comments? Questions?

