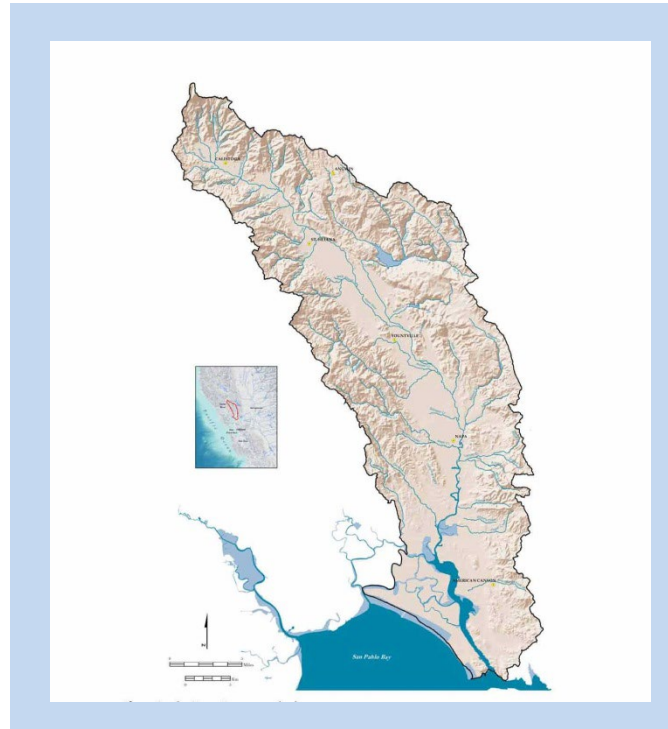


Watershed & Stream Maintenance Programs

Joint Zone Project 96-1

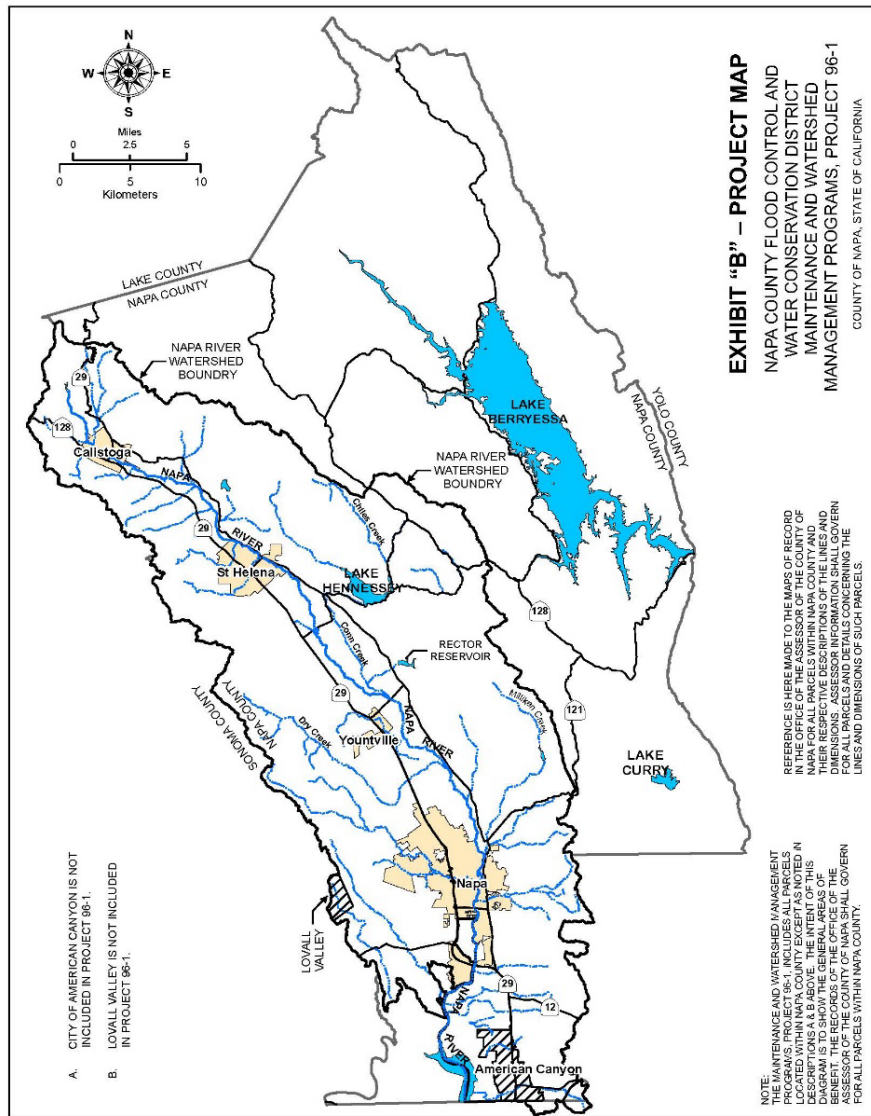


Napa County Flood Control & Water Conservation District



A Tradition of Stewardship
A Commitment to Service

Watershed Maintenance Funding



District Benefit Zones

- Napa River Watershed - \$1,223,700
- District Wide - \$358,057
- City of American Canyon *Not included*

Other Funding

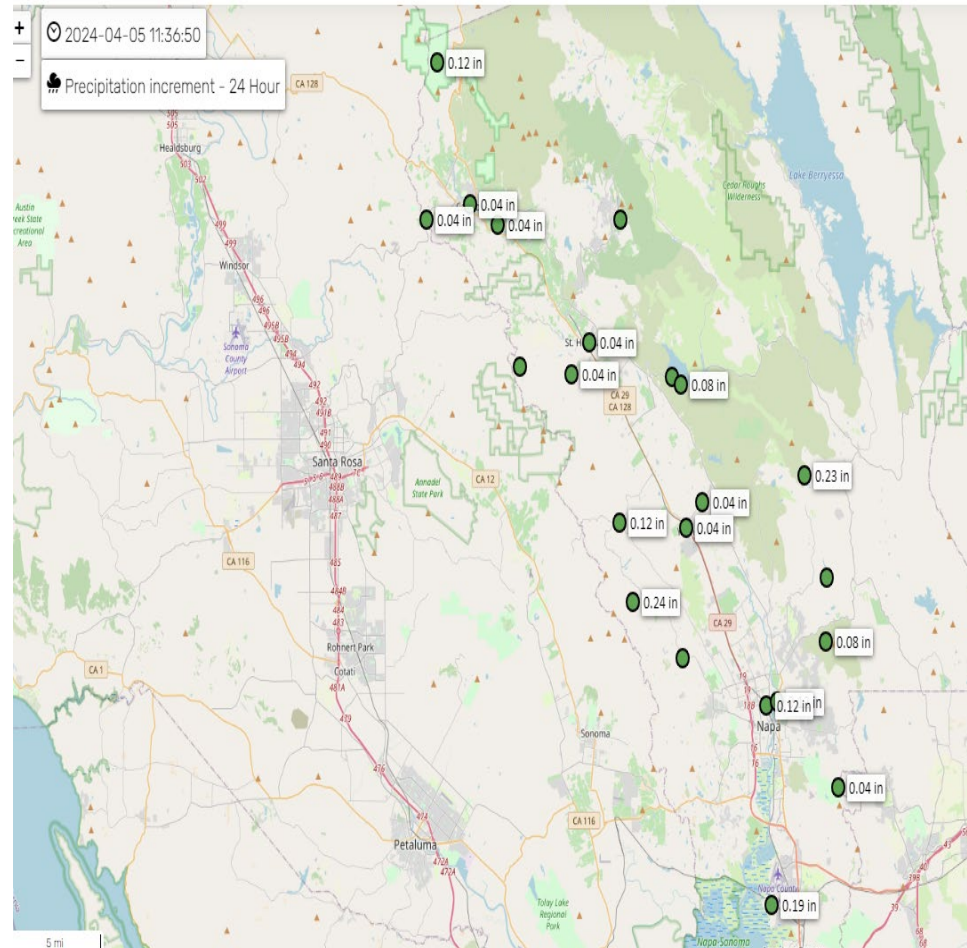
- Rutherford Assessment District - \$98,160
- OVOK Community Facilities District - \$111,995
- Grants – special projects

Countywide Stream and Rainfall Monitoring (ALERT System)

[Home](#)[Map](#)[Sites](#)[Bookmarks](#)

2024-04-05 11:36:50

Precipitation increment - 24 Hour



napa.onerain.com

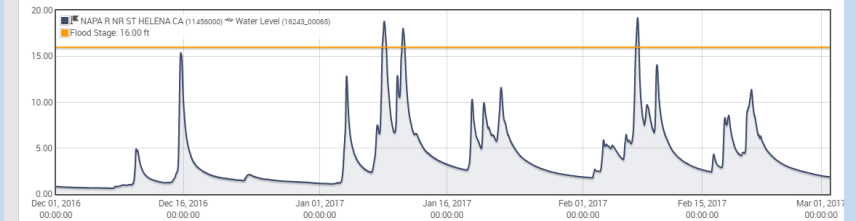
Water Level (16243_00065)

NAPA R NR ST HELENA CA (11456000)

December 1, 2016 - March 1, 2017

2.18 ft 26 minutes ago

Markers Legend Thresholds



Notes

These data are reproduced from waterdata.usgs.gov for convenience and real-time use. This is a record of raw data, it does not include quality control or corrections made subsequently by USGS. For maintained and accurate historical stage and discharge datasets for this station, visit the USGS NWIS webpage: http://waterdata.usgs.gov/ca/nwis/uv/?site_no=11456000&agency_cd=USGS

Thresholds

Flood Stage

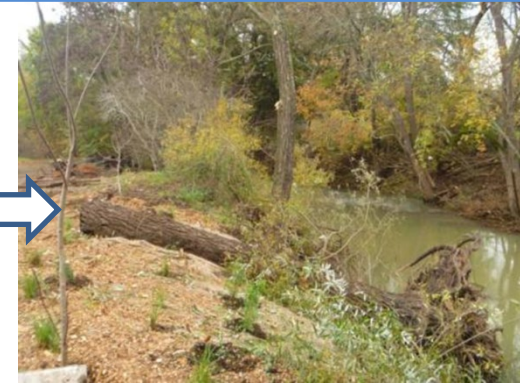
16.00 ft

Site	Group	Last Report	Current Level	Monitor Stage	Flood Stage	Record High
Browns Valley Creek at McCormick Ln	AI	about 3 hours ago	0.35	10.00	12.00	10.06
Dry Creek at Hwy 29	AI	17 minutes ago	0.61	9.00	14.00	16.00
Garnett Creek at Greenwood Ave	AI	about an hour ago	1.08	7.00	9.00	9.82
Hopper Creek at Hwy 29	AI	about 10 hours ago	0.32	9.00	6.00	16.62
Lake Hemawaya	AI	13 minutes ago	306.57	-	-	-
Milken Creek at Atlas Peak Rd	AI	about 3 hours ago	1.57	7.00	9.00	-
Milken Reservoir	AI	9 minutes ago	891.66	910.00	924.00	-
Napa Creek at Hwy 29	AI	about an hour ago	3.17	11.10	14.50	16.79
NAPA R NR NAPA CA	AI	27 minutes ago	5.27	22.00	25.00	-
NAPA R NR ST HELENA CA	AI	27 minutes ago	2.18	-	16.00	-
Napa River at Berry St	AI	about an hour ago	2.91	-	-	-
Napa River at Dunsmuir Ln	AI	about an hour ago	2.49	14.00	17.00	14.95
Napa River at Lincoln Ave (Napa)	AI	15 minutes ago	-0.98	16.80	16.80	22.84
Napa River at Lodi Ln	AI	about 5 hours ago	0.80	9.00	11.00	12.88
Napa River at Yountville Cross Rd	AI	15 minutes ago	2.74	18.00	20.00	25.35
Redwood Creek at Forest Dr	AI	44 minutes ago	0.93	6.00	8.00	11.06
Redwood Creek at Mt Vander Rd	AI	9 months ago	0.08	5.50	6.50	10.16
Salvador Channel at Big Ranch Rd	AI	about an hour ago	1.17	7.80	10.00	12.78
SODA CR NR NAPA	AI	42 minutes ago	0.82	-	-	-
Sulphur Creek at Pope St	AI	28 minutes ago	1.24	8.00	10.00	10.84
Sulphur Creek at White Sulphur Springs Rd	AI	about 6 hours ago	4.08	8.00	10.00	9.82
Tulucay Creek at Shurtliff Ave	AI	about an hour ago	1.22	6.00	8.00	7.79
York Creek at Hwy 29	AI	15 minutes ago	1.07	3.80	4.50	4.11

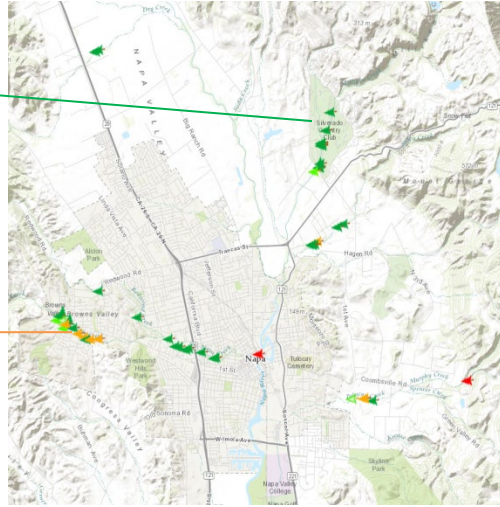
Stream and Channel Maintenance throughout the County including collaboration with Cities of Calistoga, St. Helena, Yountville, Napa

Activities

- Vegetation and Invasive Plant Management
- Downed Tree Management & LWD Recruitment
- Streambank Erosion/Biotechnical Stabilization
- Sediment Management
- Riparian and Stream Enhancement
- Fish Passage Barrier Removal
- Trash and Debris Removal

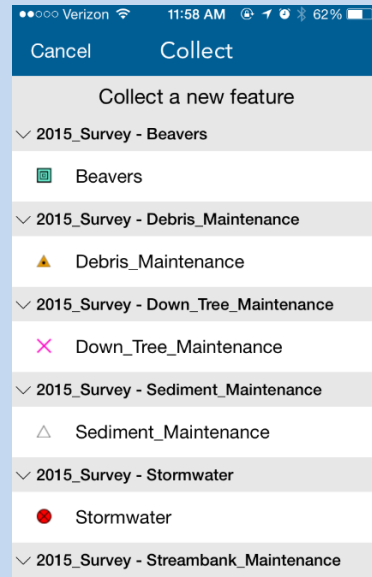
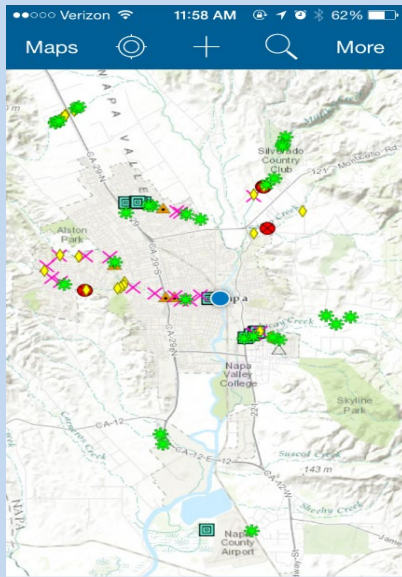


LWD Management & Monitoring

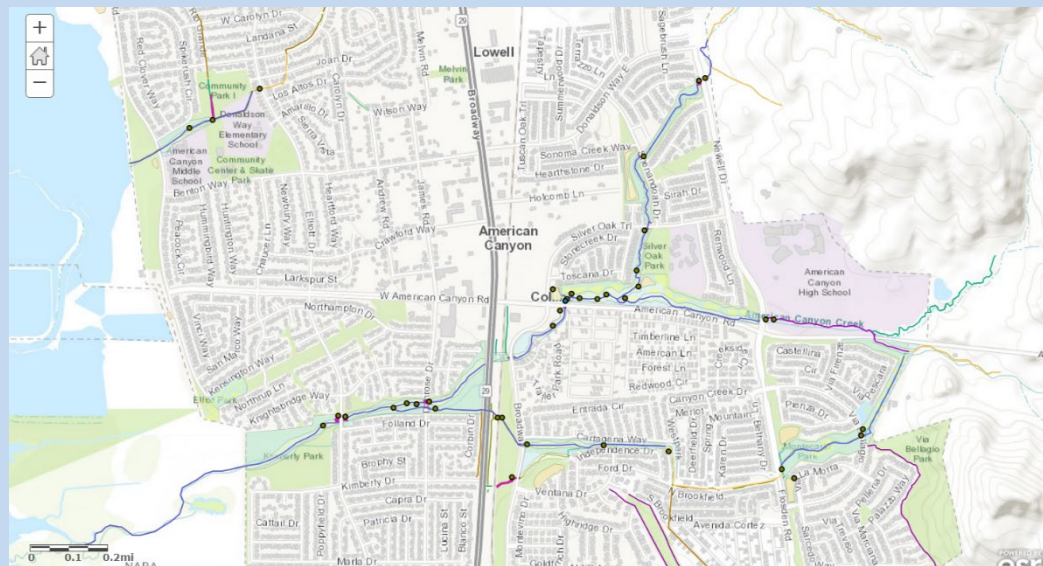


Stream Maintenance Program (SMP)

Annual Stream Surveys



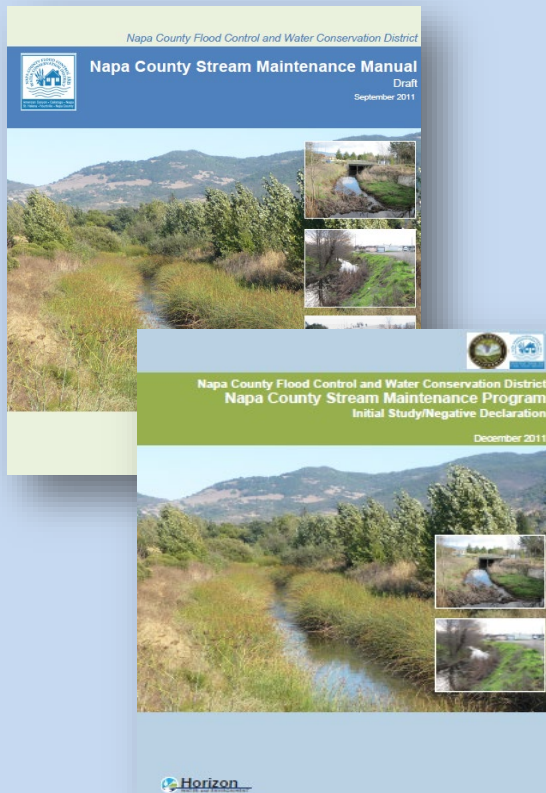
City of American Canyon Collaborative Maintenance Program



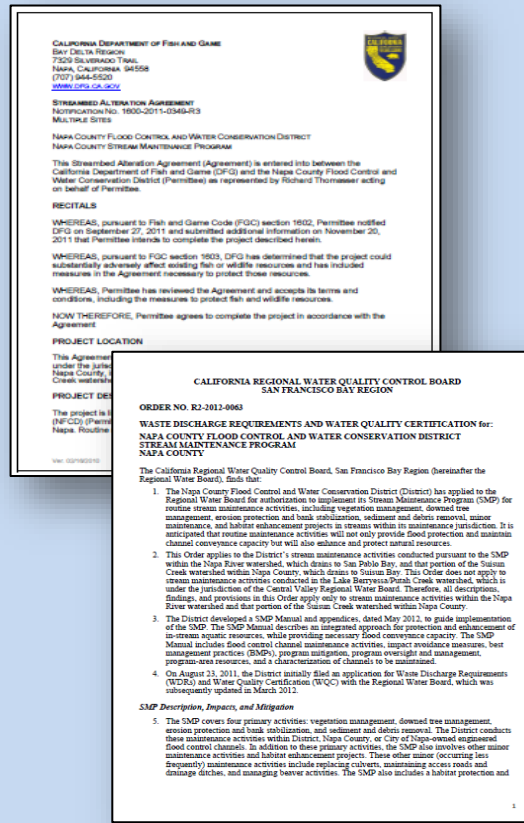
Stream Maintenance Program Documents/Permits

State and Federal Regulations

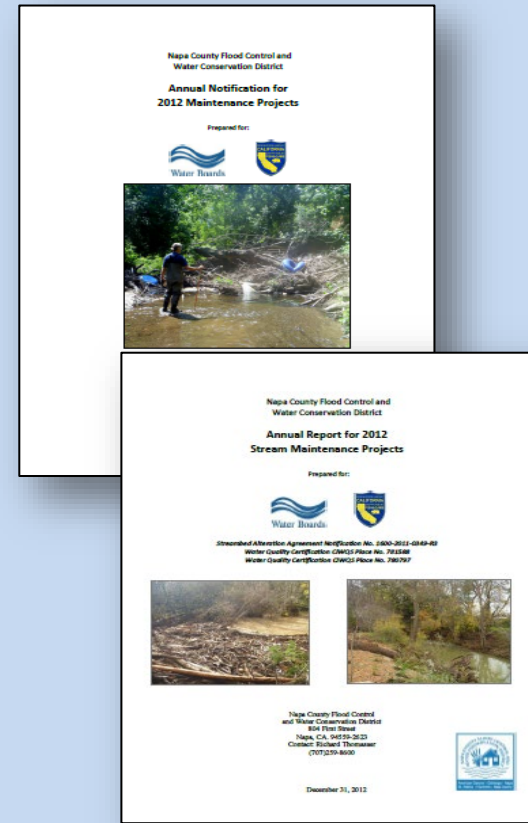
Stream Maintenance Manual & California Environmental Quality Act (CEQA)



Permits- CDFW, RWQCB, Corps



Annual Notification & Reports

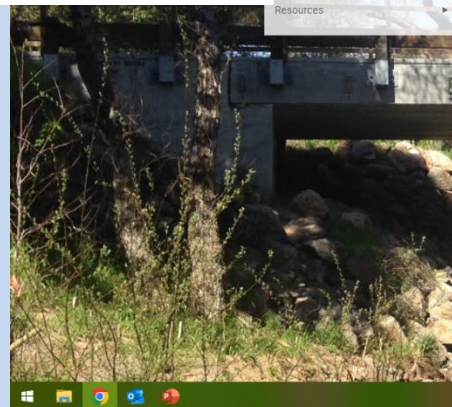


Napa Countywide Stormwater Pollution Prevention Program (NCSPPP)

The Napa Countywide Stormwater Pollution Prevention Program is a joint effort (JPA) of the County of Napa, cities of American Canyon, Napa, St. Helena and Calistoga, and the Town of Yountville designed to:

- Prevent stormwater pollution
- Protect and enhance water quality in creeks
- Preserve beneficial uses of local waterways
- Comply with state and federal regulations

Flood District staff oversees compliance of these entities with the NPDES Permit



A screenshot of the Napa Countywide Stormwater Pollution Prevention Program (NCSPPP) website. The website has a dark blue header with a navigation menu including "Home", "MUNIS Online Ho...", "NOAA - River Forec...", "Weather Prediction...", "CNRFC - Weather ...", "Hourly Weather For...", "Hydrologic Predict...", "Tyler Hub - Munis L...", "Imported From IE", "Stream flow", and "All Back...". Below the header is a dark blue banner with a "WebSite Sign In" button. The main content area is white and features a large image of a stormwater ditch. On the left side of the main content area is a sidebar with a "Contact Information" section and a "General Pollution Prevention Information" section. The main content area has a "Stormwater" section with a heading "Napa Countywide Stormwater Pollution Prevention Program (NCSPPP)" and a paragraph describing the program. Below this is a list of bullet points: "Prevent stormwater pollution", "Protect and enhance water quality in creeks and wetlands", "Preserve beneficial uses of local waterways", and "Comply with State and federal regulations". To the right of the bullet points is a circular logo for the "Napa Countywide Stormwater Pollution Prevention Program". Below the logo is a "Contact Us" section with the name "Jeff Skinner", title "Stormwater Program Manager", email "Jeff.Skinner@napa.ca.gov", and phone "707-259-8620". Below the contact information is a "Quick Links" section with links to "Report Stormwater Pollution" and "The Scoop on Poop Brochure (PDF)". At the bottom of the website is a "Purpose" section and a "Napa River Watershed Stormwater Resource Plan (SWRP)" section. The website is displayed on a desktop screen with a Windows taskbar at the bottom showing the time as 3:49 PM on 4/9/2024.

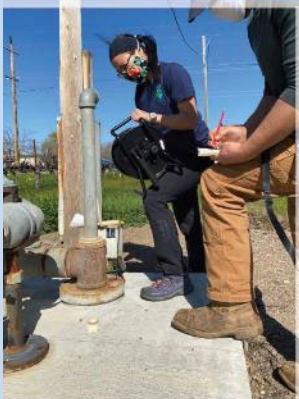
Groundwater Monitoring



NAPA VALLEY SUBBASIN

GROUNDWATER SUSTAINABILITY PLAN

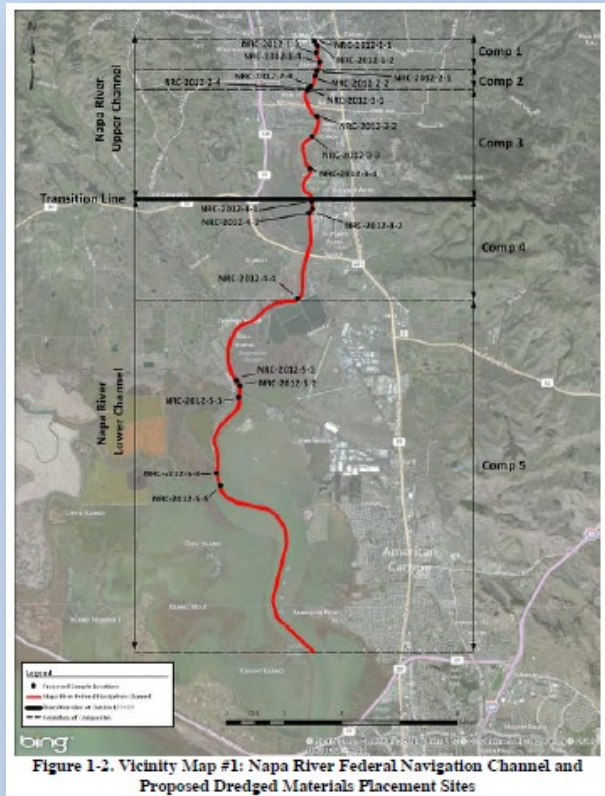
January 2022



District assists with monitoring of groundwater wells throughout Napa Valley



Napa River Navigational Dredge Site Maintenance



Napa River Restoration-Rutherford Project

Assessment District



 Expanded Riparian Corridor  Setback Berms  Floodplain Benches  Tributary Alcove  Instream Structures



3,054 Feet of Secondary Channels Created

31 Acres of Riparian Forest Enhanced

17 Acres of Slow Water Aquatic Habitat Created

2.5 Miles of Channel Widened

147 Instream Habitat Structures Installed

3.25 Acres of *Arundo donax* Eradicated

29 Landowners Participating and Funding Ongoing Monitoring and Maintenance Through an Assessment District

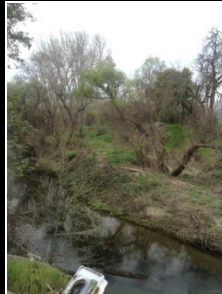
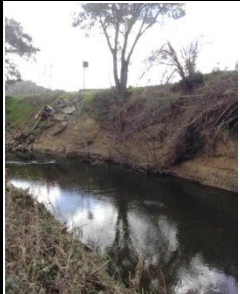


Napa River Restoration-Oakville to Oak Knoll Project

Community Facilities District



 Expanded Riparian Corridor  Setback Berms  Floodplain Benches  Tributary Alcove  Instream Structures



1,000 Feet of Secondary Channels Created

56 Acres of Riparian Forest Enhanced

2.4 miles of Channel widening along the 9 miles OVOK Reach

200 Instream Habitat Structures Installed

5 Acres of *Arundo donax* Eradicated

15 Landowners Participating and Funding Ongoing Monitoring and Maintenance Through a Community Facilities District



Long Term Monitoring and Maintenance of Restoration Projects

