



AGENDA

REGULAR BOARD MEETING

Thursday, March 28, 2013, 4:00 p.m.

2nd Floor Conference Room, Hall of Justice Building,
1125 Third Street, Napa CA

Board of Directors

Belia Bennett
Susan Boswell
Diane Dillon
Marita Dorenbecher
Warren Flint
Mitchell Klug
Gary Kraus
Jason Lauritsen
Jim Lincoln
Mark Luce
Marc Pandone
Matt Pope
Jeffrey Redding
Jeff Reichel
Scott Sedgley
Rita Steiner
Peter White

Alternate

Keith Caldwell

Staff

Patrick Lowe,
Secretary
Natural Resources
Conservation
Manager,
Dept. Public Works

Jeff Sharp,
Principal Planner,
Dept. Public Works

Robert C. Martin,
Legal Counsel
Deputy Counsel,
County Counsel's
Office

804 First Street,
Napa, CA
94559-2623

Tel: 707-259-8600

info@napawatersheds.org

1. **CALL TO ORDER & ROLL CALL** (Chair)

2. **APPROVAL OF ACTION MINUTES** Meeting of January 24, 2013 (Chair) (5 min)

3. **PUBLIC COMMENT**

In this time period, anyone may comment to the Board regarding any subject over which the Board has jurisdiction, or request consideration to place an item on a future Agenda. No comments will be allowed involving any subject matter that is scheduled for discussion as part of this Agenda. Individuals will be limited to a three-minute presentation. No action will be taken by the Board as a result of any item presented at this time. (Chair)

4. **UPDATES, REPORTS AND DISCUSSION**

- a. Update on Napa County **Groundwater Resources Advisory Committee** (GRAC) (WICC staff) (5 min)
- b. Update on **Integrated Regional Water Management Planning** (IRWMP) in the Bay Area and Sacramento River funding areas, planning and plan update processes, Round 2 implementation grant applications and projects (WICC staff, Flood District staff) (5 min)
- c. Update on status of the **Napa River Sediment TMDL** and withdrawal of **Vineyard Conditional Waiver** of Waste Discharge Requirements by the Water Board (Leigh Sharp, Executive Director, Napa County RCD) (5-10 min)
- d. Update on the **Oakville to Oak Knoll River Restoration** project (Shaun Horne, Flood District Staff) (10 min)
- e. Other reports and updates (WICC staff, Board, Public)

5. PRESENTATIONS AND DISCUSSION

- a. Presentation on **“Napa Green Certified Land and Winery Programs: Spring 2013 Overview”** – Michelle Novi, Industry Relations Manager, Napa Valley Vintners, working on environmental and regulatory issues facing the wine industry, including helping oversee the enrollment, certification, and promotion of vineyards and wineries within Napa Green (15 min)
- b. Presentation on **“Environmental Planning and Compliance for Stream and Road Maintenance Projects, an overview of the regulatory permitting process related to routine stream and road maintenance activities”** – Jill Sunahara, Senior Associate, Horizon Water and Environment, will provide an overview of the regulatory permitting process related to routine stream and road maintenance activities. She will review the 5-W’s of permitting: 1) Who are the regulatory agencies; 2) What the permits cover; 3) Where regulatory jurisdiction applies; 4) When/how long it takes; and 5) Why a programmatic permitting approach may make sense (20 min)
- c. Presentation on **“Increasing Restoration on Private Lands through Programmatic Permitting – Local Vs Statewide Approach”** – Erika Lovejoy, Associate Director of Restoration on Private Lands, Sustainable Conservation, will provide an overview of the Partners in Restoration (PIR) consolidated permitting program, developed by Sustainable Conservation in partnership with local Resource Conservation Districts (RCDs), and will follow with a summary of Sustainable Conservation’s new Statewide Programmatic Permitting effort, designed to promote implementation of restoration projects on private lands throughout California (20 min)

6. UPDATE, DISCUSSION AND POSSIBLE ACTION

- a. Update on the status of the **Napa River Sediment TMDL Implementation Tracking & Accounting System (ITAS)** project (WICC staff) (5 min)
- b. Review of **Napa River Watershed Assessment Framework (WAF) Pilot Study** (WICC staff) (5 min), and
- c. Discussion and **possible action to appoint an Ad-Hoc Committee** of the WICC Board to:
 - i) Discuss opportunities for leveraging monitoring, assessment and reporting efforts,
 - ii) Review and comment on indicators of watershed health/condition proposed in the ITAS and WAF projects and other possible key indicators for consideration as part of the ITAS, and
 - iii) Report Ad-Hoc Committee recommendations to the WICC Board for consideration (WICC staff, Board) (10 min)

7. **INFORMATIONAL ANNOUNCEMENTS**

Presentation of **informational announcements and events** (WICC staff, Board, and Public) (5-10 min)

- a. **WICC website enhancements** – new design, simplified navigation, mobile support (WICC Staff)
- b. **Earth Day** – visit the WICC booth, April 20th, downtown Napa (WICC Staff)
- c. **2013 Napa County Watershed Symposium**, May 23, Copia Theatre (WICC Staff)
- d. Other announcements (WICC staff, Board, Public)

8. **FUTURE AGENDA ITEMS**

Discussion of possible **items for future agendas** (Board, WICC Staff) (5 min)

9. **NEXT MEETING** (Chair)

Regular Scheduled Board Meeting:

May 23, 2013 – 4:00 PM (Cancellation due to Watershed Symposium)

July 25, 2013 – 4:00 PM (Joint Mtg. with Napa County GRAC, Yountville Community Center)

10. **ADJOURNMENT** (Chair)

Note: If requested, the agenda and documents in the agenda packet shall be made available in appropriate alternative formats to persons with a disability. Please contact Jeff Sharp at 707-259-5936, 804 First St., Napa CA 94559-2623.





Board of Directors

Belia Bennett
 Susan Boswell
 Diane Dillon
 Marita Dorenbecher
 Warren Flint
 Mitchell Klug
 Gary Kraus
 Jason Lauritsen
 Jim Lincoln
 Mark Luce
 Marc Pandone
 Matt Pope
 Jeffrey Redding
 Jeff Reichel
 Scott Sedgley
 Rita Steiner
 Peter White

Alternate

Keith Caldwell

Staff

Patrick Lowe,
 Secretary
 Natural Resources
 Conservation
 Manager,
 Dept. Public Works

 Jeff Sharp,
 Principal Planner,
 Dept. Public Works

Laura Anderson,
 Legal Counsel
 Attorney IV,
 County Counsel's
 Office

804 First Street,
 Napa, CA
 94559-2623

Tel: 707-259-8600

info@napawatersheds.org

ACTION MINUTES

REGULAR BOARD MEETING

Thursday, January 24, 2012, 4:00 p.m.

2nd Floor Conference Room, Hall of Justice Building,
 1125 Third Street, Napa CA

1. CALL TO ORDER & ROLL CALL (Chair)

Welcome to **Scott Sedgley**, newly appointed City of Napa Council representative and **Matt Pope** Napa County Planning Commission representative, followed by roundtable of introductions

Members Present: Marita Dorenbecher, Warren Flint, Mitchell Klug, Jason Lauritsen, Jim Lincoln, Mark Luce, Marc Pandone, Matt Pope, Scott Sedgley, Rita Steiner, Peter White, Keith Caldwell

Members excused: Belia Bennett, Susan Boswell, Diane Dillon, Gary Kraus, Jeffrey Redding, Jeff Reichel

Members absent: None

Staff present: Patrick Lowe, Jeff Sharp

2. APPROVAL OF ACTION MINUTES

Meeting of November 15, 2012 (Chair) (5 min)

Approved as presented

BB	SB	DD	MD	WF	MK	GK	JL1	JL2	ML	MP1	MP2	JR1	JR2	SS	RS	PW	KC
X	X	X				X				A		X	X				

3. PUBLIC COMMENT

In this time period, anyone may comment to the Board regarding any subject over which the Board has jurisdiction, or request consideration to place an item on a future Agenda. No comments will be allowed involving any subject matter that is scheduled for discussion as part of this Agenda. Individuals will be limited to a three-minute presentation. No action will be taken by the Board as a result of any item presented at this time. (Chair)

None presented

(Cont.)

4. **DISCUSSION AND ACTION:**

- a. **Election of Chair and Vice-Chair** for 2013 (per Bylaws§ II.A.) (Board; WICC Staff) (5 min)

Mitchell Klug was elected Chair and Rita Steiner was elected Vice-Chair

BB	SB	DD	MD	WF	MK	GK	JL1	JL2	ML	MP1	MP2	JR1	JR2	SS	RS	PW	KC
X	X	X				X						X	X				

- b. Discussion and **adoption of 2013 Meeting Calendar** (per Bylaws§ III.A.) (Board; WICC Staff) (5 min)

Approved as presented

BB	SB	DD	MD	WF	MK	GK	JL1	JL2	ML	MP1	MP2	JR1	JR2	SS	RS	PW	KC
X	X	X				X						X	X				

5. **UPDATES, REPORTS AND DISCUSSION**

- a. Report on Board of Supervisor’s approval to amend WICC Board bylaws on January 29, 2013 (WICC Staff) (5 min)

Staff reported that the Board of Supervisors will consider amending the WICC Board’s bylaws on Tuesday, January 29, 2013. The proposed amendments were approved by the WICC Board at their November 15, 2012 meeting.

- b. Update on Napa County **Groundwater Resources Advisory Committee** (GRAC) (Patrick Lowe, Natural Resources Conservation Manager, Public Works) (5 min)

Staff provided an update on recent GRAC activities, work plan milestones and future meeting dates.

- c. Update on **Integrated Regional Water Management Planning** (IRWMP) in the Bay Area and Sacramento River funding areas, planning and plan update processes, grant deadlines and list of projects (WICC staff, Flood District staff) (5 min)

Staff briefly outlined the State’s IRWMP program and current Prop 84 funding opportunities. Staff then provided an update on recent Plan development efforts and past/upcoming coordinating committee and stakeholder meetings, and projects proposed within Napa County.

- d. Update on status of the **Napa River Sediment TMDL** and **Vineyard Waiver** and extended public comment period (WICC staff) (5 min)

Staff updated the Board on status of the Vineyard Waiver and the Water Board’s extension of the public comment period to February 1, 2013. The tentative hearing date for the Waiver is March 13, 2013.

- e. Other reports and updates (WICC staff, Board, Public)

Staff (Deborah Elliott) reported on an upcoming Vineyard Water Conservation Workshop scheduled for March 21, 2013 in the Copia Theater, and new grant funding availability for rain gardens and rain barrels in the Napa River watershed. Staff updated the Board on planning efforts underway to hold a Tree Forum in March, and highlighted the upcoming 2013 Napa County Watershed Symposium planned for May 23, 2013.

5. **PRESENTATIONS AND DISCUSSION**

Presentation and discussion on the **Napa River Watershed Profile: A watershed-based framework for addressing agricultural management challenges related to improving the health of the Napa River ecosystem** (Meredith Williams, Deputy Director, San Francisco Estuary Institute) (30 min)

Staff introduced Meredith Williams who provided a presentation highlighting the work by SFEI and local project partners. The Board asked questions of Ms. Williams and discussed the project/work as it relates to predicting the response of the river/channels from past/future management activities in the watershed.

6. **INFORMATIONAL ANNOUNCEMENTS**

Presentation of **informational announcements and events** (WICC staff, Board, and Public) (5-10 min)

Staff announced the news article in the Napa Valley Register that highlighted the 2013 Watershed Education Calendar, an announced upcoming opportunities to see presentations on our local fish and to visit the rotary screw trap (fisheries monitoring equipment) in use on the Napa River.

7. **FUTURE AGENDA ITEMS**

Discussion of possible **items for future agendas** (Board, WICC Staff) (5 min)

- a. Presentation by Sustainable Conservation (www.suscon.org) on their “Partners in Restoration” approach to coordinated permitting for restoration projects
- b. Other potential items (WICC staff, Board)

Marc Pandone requested a presentation by CalFire on the Firewise program and wildfire risk. Marc also requested a presentation by Brian Bordona (Napa County Planning Supervisor) on vineyard development projects.

Warren Flint requested further discussion (possible workshop) by the Board on the importance of the watershed health/condition indicators proposed in the 2010 Watershed Assessment Framework/Report Card, and if the WICC would support further review of those indicators, updating them, or adding new ones if needed.

8. **NEXT MEETING (Chair)**

Regular Scheduled Board Meeting:

March 28, 2013 – 4:00 PM (*Save the date*)

9. **ADJOURNMENT** (Chair)

Motion and approval to adjourn.

BB	SB	DD	MD	WF	MK	GK	JL1	JL2	ML	MP1	MP2	JR1	JR2	SS	RS	PW	KC
X	X	X				X						X	X				

Note: If requested, the agenda and documents in the agenda packet shall be made available in appropriate alternative formats to persons with a disability. Please contact Jeff Sharp at 707-259-5936, 804 First St., Napa CA 94559-2623.



Voting Key

If not unanimous, votes will be tallied (N = No; A = Abstained, X = Excused) using the following Board Member abbreviations:

BB = Belia Bennett; SB = Susan Boswell; DD = Diane Dillon; MD = Marita Dorenbecher, WF = Warren Flint, MK = Mitchell Klug; GK = Gary Kraus; JL1 = Jason Lauritsen; JL2 = Jim Lincoln; ML = Mark Luce; MP1 = Marc Pandone; MP2 = Matt Pope; JR1 = Jeffrey Redding; JR2 = Jeff Reichel; SS = Scott Sedgley; RS = Rita Steiner; PW = Peter White; KC = Keith Caldwell (alternate)

Example Key:

BB	SB	DD	MD	WF	MK	GK	JL1	JL2	ML	MP1	MP2	JR1	JR2	SS	RS	PW	KC
	X			A			N				A						

Meeting Synopsis

February 28, 2013 – GRAC 10th Meeting

Produced by the Center for Collaborative Policy, CSUS

The Napa County Groundwater Resources Advisory Committee (GRAC) held its tenth meeting on February 28, 2013. Ms. Vicki Kretsinger Grabert, Mr. Reid Bryson and Mr. Ken Utley, Luhdorff and Scalmanini Consulting Engineers (LSCE), presented the Updated Hydrogeologic Conceptualization and Characterization of Conditions Report. The regional geology; surficial, structural and subsurface geology; and the hydrogeology were discussed in detail to demonstrate the increased understanding of the geology and of the groundwater and surface water interaction in the county. Mr. Phil Miller, Napa County, presented the updated Groundwater Monitoring Data Management and Disclosure Guidance document and Mr. Jeffrey Sharp, Napa County, provided an update on data management efforts currently underway. The Committee unanimously approved the document.

To prepare for well owner outreach, Committee members organized themselves into provisional Volunteer Outreach Teams for the 18 areas of interest. The Committee will finalize teams based on more specific well area information. The Committee agreed to hold two or three briefings for groups that have common interests, and then host a meeting for the general public at a joint meeting of the GRAC and WICC Board on July 25, 2013. Mr. Steve Lederer and Mr. Patrick Lowe, Napa County, reviewed items proposed for inclusion in the presentation that Mr. Peter McCrea, the Committee Chair, will make to the Board of Supervisors on April 2, 2013. The outreach discussion will be continued at the next Committee meeting. The Committee's next meeting will be held on April 25, 2013.

Please see the GRAC's webpage (www.countyofnapa.org/bos/grac) for copies of the February 28, 2013, presentations and handouts.

March 26, 2013
Coordinating Committee Meeting
Handout #1 – Draft Schedule for Plan Completion

Task Description	Schedule with 30 Day Public Draft Review Period	Schedule with 60 Day Public Draft Review Period
1. Present Draft TM to CC with Baseline Information and Data Gaps List	March 22	March 22
2. Post additional plan content for review: Section 9 – Impacts and Benefits Section 10 – Implementation Framework Draft Tech Memos	April 10	April 10
3. Review Period for Sections 9, 10, and Tech Memo	April 10 - April 24 (14 days)	April 10 - April 24 (14 days)
4. Release Public Review Draft IRWM Plan (including TMs and appendices)	May 10	May 10
5. Public Review Draft Review Period	May 10 – June 10 (30 days)	May 10 – July 10 (60 days)
6. Hold Public Meeting to Present Public Review Draft and Answer Questions	Week of May 20	Week of May 20
7. Prepare Final Draft IRWM Plan	June 10 – June 24	July 10 – July 24
8. Consultant Team may need to discuss final revisions with Coordinating Committee based on comments received.		
9. RWMG Members and Project Proponents Consider IRWM Plan for Adoption	End of June	End of July
10. Required Plan Adoption Date per DWR Grant Agreement	September 30	September 30
11. Required Plan Adoption Date per Anticipated Round 2 IRWM Implementation Grant Funding Agreement Date	September 30	September 30



Item: 4c.

Update on status of the **Napa River Sediment TMDL** and withdrawal of **Vineyard Conditional Waiver** of Waste Discharge Requirements by the Water Board (WICC staff) (5 min)

Email message from James Ponton, NPS and TMDL Section, SF Bay Regional Water Quality Control Board (RWQCB)

This is a message from the San Francisco Bay Regional Water Quality Control Board to advise you that the Conditional Waiver for Vineyards is withdrawn.

Due to the comments received and current staff resource limitations, the Board will not proceed with the draft Conditional Waiver for Vineyards in the Napa River and Sonoma Creek watersheds and associated Mitigated Negative Declaration. Board staff intend on moving forward with the preparation of general waste discharge requirements for vineyard discharges and an associated environmental document under the California Environmental Quality Act in the near future. We will update you on these developments.

James D. Ponton
Senior Geologist
San Francisco Bay Regional Water Quality Control Board
1515 Clay Street, Suite 1400
Oakland, CA 94612

(510) 622-2492 direct
(510) 622-2460 fax
jponton@waterboards.gov

Excerpt from the SF Bay RWQCB website

http://www.waterboards.ca.gov/sanfranciscobay/water_issues/programs/TMDLs/vineyard/index.shtml

“The conditional waiver of Waste Discharge Requirements for Vineyards is withdrawn.

Due to the comments received and current staff resource limitations, the Board will not proceed with the draft Conditional Waiver for Vineyards in the Napa River and Sonoma Creek watersheds and associated Mitigated Negative Declaration. Board staff intend on moving forward with preparation of general waste discharge requirements for vineyard discharges and an associated environmental document under the California Environmental Quality Act in the near future. We will update you on these developments.”

(cont.)

List of Comments Received by the RWQCB on Napa/Sonoma Vineyard Waiver

Letter Number	Commenter	Affiliation
1	Nick Frey	Sonoma County Winegrape Commission (1)
2	California Department of Fish and Game	State Agency
3	Nick Frey	Sonoma County Winegrape Commission (2)
4	Rita Steiner	USDA Natural Resources Conservation Service
5	John Azevedo	Sonoma County Farm Bureau
6	Steven A. Edmondson	National Oceanic and Atmospheric Administration, National Marine Fisheries Service
7	Leigh Sharp	Napa RCD
8	Laurel Marcus	California Land Stewardship
9	Valentina Cabrera Stagno	U.S. EPA
10	Chris Malan	Living Rivers Council (1)
11	Chris Malan	Living Rivers Council (2)
12	Michelle Benvenuto	Napa County Farm Bureau Napa Valley Grape Growers Napa Valley Vintners Winegrowers of Napa County
13	Bob Anderson	United Winegrowers of Sonoma County
14	Rhonda Smith	U.C. Cooperative Extension
15	Tony Linegar	Agricultural Commissioner
16	Allison Jordon	California Sustainable Winegrowing Alliance
17	Southern Sonoma RCD	Board of Directors
18	Napa County	Board of Supervisors
19	Thomas Lippe	Lippe Gaffney Wagner LLL

Oakville to Oak Knoll Restoration Project Update



Napa River Restoration: Oakville to Oak Knoll Final Concept Plan

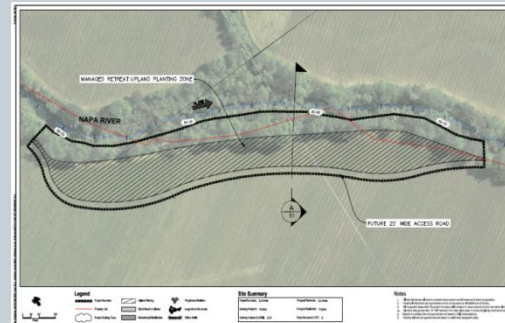
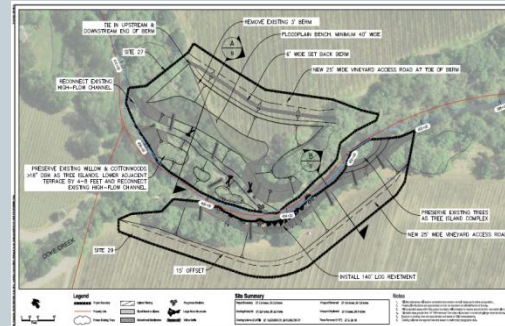
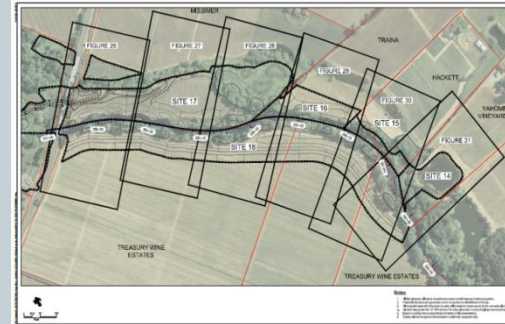
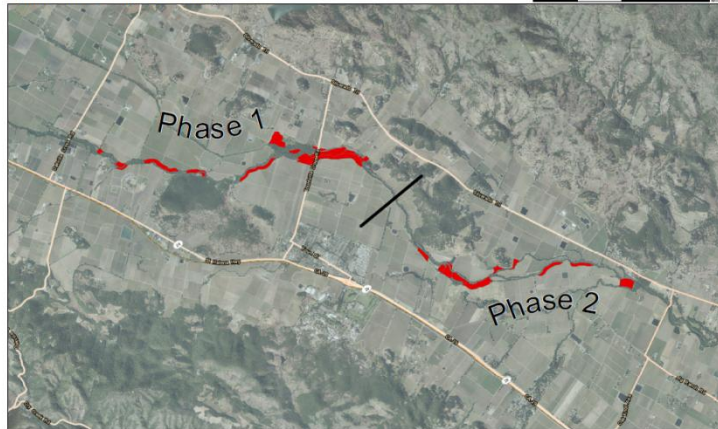
CALIFORNIA LAND STEWARDSHIP INSTITUTE
with
PHILIP WILLIAMS AND ASSOCIATES
NAPA COUNTY RESOURCE CONSERVATION DISTRICT

FUNDING PROVIDED BY
STATE WATER RESOURCES CONTROL BOARD
NAPA COUNTY



Napa River Restoration - Oakville to Oak Knoll Reach

Figure 1 - Phase 1 & 2 Project Overview Map



Napa Green



Napa Green Certified Winery

- Program Overview
- Steps to become Certified
- Program Application
- Green Business Checklist
- Participating Wineries

NVV's Newest Green Certification Program Goes Inside the Winery



As a complement to Napa Green Certified Land, the NVV developed a companion program for Napa Valley's winery production facilities. Napa Green Certified Winery further leverages Napa Green and the strong track record built with the widely-embraced environmental program;



The roster of Napa Valley wineries powered by the sun is lengthening rapidly. One family-owned winery's solar power system generates as much power as 20-30 average homes would use, and will keep more than 7 million pounds of greenhouse gasses out of the atmosphere.

continuing the sustainable practices from the vineyard and land through the winemaking process in the wineries.

Napa Green Certified Winery is an independent third party certification program to encourage and assist Napa Valley vintners and grape growers to implement beneficial and verifiable environmental practices through; preserving and enhancing the environment of the Napa Valley, demonstrating a commitment to our community, and providing leadership for the wine industry.

Napa Green Certified Winery is a Napa-specific set of sustainable and green business practices developed for wineries. The NVV is working closely with our partners at the Napa County Department of Environmental Management and the Green Business Program as third party certifiers. Certified wineries demonstrate a commitment to conserving water and energy, reducing waste and preventing pollution. The efforts of Napa Green Certified Winery are aimed at reducing the carbon footprint of wine production facilities as part of the broader view of excellent business. Certification goes beyond compliance, meeting or exceeding environmental regulations related to winery operations and helps wineries become more sustainable through economically viable, environmentally sensitive and socially equitable practices.

Participation in the program has many benefits that help meet these environmental, economic and social equity goals of sustainability. For example, certification can offer wineries the regulatory assurance they need so the focus is on continuous improvement and can assist with navigating new laws related to climate protection and emission reductions; many wineries also realize economic benefits through implementation of green business practices and when the bottom line improves, they can direct more resources to innovation and sustainability. Participation in the program also provides a solid platform for educating distributors, retailers, and consumers about sustainability.

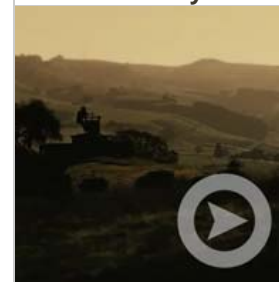
Through efforts like Napa Green Certified Winery, Napa Valley wineries are taking action to protect the environmental quality of the region and are committed to the continued stewardship of our natural resources. As more and more wineries work through the certification process, look for the certification mark as a sign of the producer's commitment to the environment.

For more information, please contact [Michelle Novi](#) at 707-968-4206.

Napa Green Certified Land

- Program Overview
- Napa Green Land Workshop Flyer
- Fish Friendly Farming
- Participating Wineries

Watch: History of Sustainability



Resources & Articles

- Wine Spectator Patagonia Story
- More...

Napa Green



Napa Green Certified Land

- Program Overview
- Napa Green Land Workshop Flyer
- Fish Friendly Farming
- Participating Wineries

Watch: History of Sustainability



Napa Green Certified Land

Napa Green vineyard and land certification is a voluntary program for Napa Valley vintners and grape growers that enhances the watershed and restores habitat with sustainable agriculture practices. Currently, nearly 52,200 acres are enrolled in the program and nearly 25,700 acres are certified, with thousands more about to receive official certification. A majority (90%) of the Napa River watershed is in private ownership and public/private partnerships as well as programs like Napa Green are vital to our community.



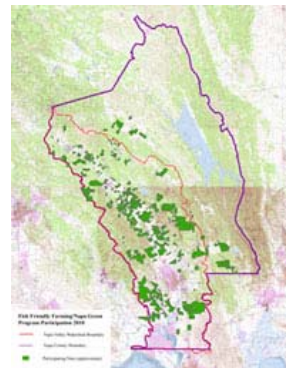
Goals and Objectives

- Ensure compliance with all local, state and federal environmental regulations including the Clean Water Act, Endangered Species Act, California Department of Fish and Game Code, and County Conservation Regulations.
- Implement Beneficial Management Practices and promote sustainable agriculture and ecosystems.
- Improve water quality and aquatic habitat.
- Implement restoration and soil erosion control projects.
- Expand community awareness of responsible management practices by grape growers.

Background

Napa Green certification is received by enrolling in the Fish Friendly Farming program. Development of Napa Green for the Napa watershed was initiated by Napa Valley's agricultural community and involved an 18-month collaborative effort between local vintners and growers and representatives from government agencies and environmental organizations in 2000. The result of this effort was the creation of a workbook of Beneficial Management Practices (BMP's) with a farm plan template. The work book and accompanying workshops are the centerpiece of the program and assist landowners in evaluating natural features on their farms, assessing current management practices, and implementing improved practices.

A Technical Advisory Group (TAG) was formed to review and discuss the inventory/assessment procedures, the Farm Plan template, and BMPs. This advisory group included local natural resource specialists, representatives from the Natural Resource Conservation Service, Napa County Resource Conservation District, California Department of Fish and Game, Napa County Planning, Conservation and Development Department, Sierra Club, Friends of the Napa River, Napa Valley Vintners, Napa County Farm Bureau, Napa Valley Grapegrowers, individual growers and property owners and representatives from other interested stakeholder organizations.



Map of all the land certified Napa Green
click for larger view



Farm Plan process

Napa Green participants attend a series of workshops, held annually in the winter. Each series consists of four classroom sessions and a field trip. Following the workshops, each participant receives one on one technical assistance and field review. Program

Napa Green Certified Winery

- Program Overview
- Steps to become Certified
- Program Application
- Green Business Checklist
- Participating Wineries

Resources & Articles

- Wine Spectator
- Patagonia Story
- More...

components are specific to the Napa River watershed and are technically based and involve significant scientific analysis. The Farm Plan addresses all aspects of the vineyard and property and outlines practices to achieve soil conservation, water conservation, stable drainage, riparian corridor enhancement, fisheries enhancement and long-term improvement and sustainability. The Farm Plan process involves several steps:

- An inventory/assessment of the natural resources, streams, soils, topography, and vegetation of the property as well as an analysis of current management practices;
- Identification of needed changes to management practices or new vineyard design and application of program Beneficial Management Practices (BMP's) to the property;
- Identification of erosion site or road repair projects; stream corridor and fisheries habitat projects and other improvements; preparation of an implementation program for both vineyard management changes and restoration projects including potential cost share sources.
- A requirement for participants to conduct photo monitoring to document site conditions and the progress of their individual Farm Plan and BMP implementation.

Certification

A final step of Napa Green is certification of the farm conservation plan by the National Marine Fisheries Service, Napa County Agriculture Commissioners office, and the Regional Water Quality Control Board. The grower, in conjunction with the program technical director, presents the farm plan to the certification team. The certification team visits the farm and discusses the site and farm plan implementation timeline with the grower. Each farm plan is certified based on completeness and accuracy in describing the resources and current practices of the farm, the needed BMP's, and the implementation timeline. Once certified, the grower receives a letter from each of the certifying agencies which recognizes the grower's commitment to improve water quality and habitat values.

For more information, please contact [Michelle Novi](#) at 707-968-4206.

- 1. Maintenance Overview** – Common routinely conducted maintenance activities
 - a. Sediment removal
 - b. Vegetation management (including restoration projects)
 - c. Culvert and bank repairs
 - d. Other minor maintenance activities (cattle fencing, downed trees)
 - e. Road maintenance activities
 - f. TMDL compliance projects

- 2. When do you need a permit?**
 - a. - working within the OHWM
 - placement of fill
 - ground disturbing activities
 - water quality and sediment quality issues
 - listed and protected species issues
 - herbicide application
 - b. When is a permit not necessary?
 - mowing
 - non ground disturbing activities

- 3. Regulatory Overview**
 - a. US Army Corps of Engineers
 - Fill in streams or wetlands – waters of the U.S.
 - Cultural resources
 - b. US Fish and Wildlife Service
 - Special-status plants and wildlife, including amphibians
 - c. National Marine Fisheries Service
 - Special-status anadromous fish
 - d. Regional Water Quality Control Board (+TMDL compliance)
 - Waters of the state, wetlands, and riparian areas
 - Water quality protection, including groundwater
 - TMDLs
 - Water rights
 - e. Department of Fish and Wildlife
 - Waters of the state, wetlands, and riparian areas
 - All fish and wildlife, not just special-status species

- 4. Permitting Approaches** – Programmatic vs. Individual Project permitting
 - a. Programmatic Permits
 - b. Individual Permits
 - a. Coordination and permitting for multiple private lands
 - b. TMDL Compliance

5. Examples of Coordinated Stream Maintenance Permit Efforts

- a. Napa County
 1. Stream Maintenance Manual and permits
 2. Roads Maintenance permit
 3. American Canyon permit
- b. Sonoma County SMP and permits
- c. Santa Clara County SMP and permits
- d. Sacramento County

6. Steps to Develop a Coordinated Permitting Program

- a. Initial Program Planning
- b. Develop Maintenance Manual
- c. Permitting and CEQA compliance
- d. Annual Maintenance Planning and Implementation

Horizon Water and Environment, LLC (Horizon) is a multidisciplinary environmental consulting firm specializing in watershed science, environmental compliance and permitting, and water resources management. We have technical expertise in hydrology, geomorphology, water quality, water rights, streams and wetlands, habitat conservation, and restoration. We are experts in CEQA/NEPA, environmental laws, and regulatory requirements. We use our technical experience, data collection and analysis skills, regulatory expertise, and exceptional communication and project management skills to successfully conduct environmental compliance studies and obtain federal, state, and local permits. We take pride in producing clearly written and legally defensible environmental compliance documents.

Kenneth Schwarz, Ph.D.

Principal

Horizon Water and Environment, LLC
180 Grand, Suite 1405, Oakland CA, 94612

ken@horizonh2o.com

Office: 510-986-1851 Mobile: 510-421-7664

Jill M. Sunahara

Senior Associate

Horizon Water and Environment, LLC
180 Grand Avenue, Suite 1405, Oakland, CA 94612

jill@horizonh2o.com

Office: 510-986-1854 Mobile: 510-421-7665



Sustainable Conservation

Partners in Restoration

The United States' biggest source of watershed pollution is agricultural runoff from farms and ranches, according to the U.S. Environmental Protection Agency. When soil gets washed into streams and creeks, contaminants such as pesticides, herbicides, and fertilizers also end up in the water, eventually polluting wildlife and fish habitats and contaminating water.

Many landowners want to protect the rivers, streams, and other natural resources on their lands; however, this process is complicated and expensive. As a result, many farmers fail to then take preventative measures. For example, when farmers want to restore an eroded creek, they must apply to seven agencies for permits, spend more than \$1,500 in fees, and wait at least a year for approval before they can begin restoration.

Sustainable Conservation believes that farmers and ranchers who are willing to solve environmental problems on their lands should get praise, not a regulatory headache. As a result, Sustainable Conservation launched the Partners in Restoration (PIR) Project in 1998 in collaboration with the Natural Resources Conservation Service and local Resource Conservation Districts.

One-Stop Permit Shopping

Partners in Restoration simplifies the complex regulatory process for landowners. Now, farmers and ranchers who want to adopt sustainable practices can get approval through a one-stop permit program. Since the project's inception, more than 30 landowners have completed successful restoration projects in Elkhorn Slough, Monterey County. As a result, more than 57,000 tons of polluting sediment has been prevented from entering our waterways (picture a line of pick-up trucks full of dirt stretching from Salinas to Ukiah!). Sustainable Conservation has applied this program to other watersheds in Northern California, including Salinas, Marin and Navarro counties, and we are working to expand it through the rest of California.

<http://www.suscon.org/>



A Tradition of Stewardship
A Commitment to Service



Napa River Sediment TMDL Implementation Tracking and Accounting System

PROJECT OVERVIEW

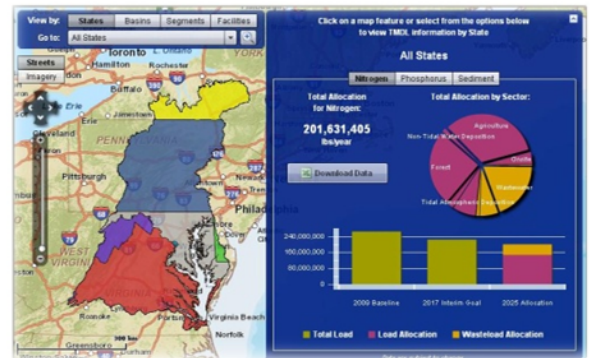
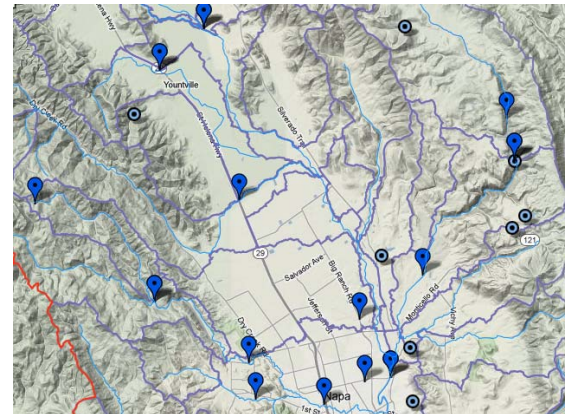
Napa County, with several partnering agencies and organizations, is developing a Napa River Sediment Total Maximum Daily Load (TMDL) Implementation Tracking and Accounting System (ITAS) with financial assistance from the U.S. EPA through a grant funded by the San Francisco Bay Water Quality Improvement Fund. The system will be designed to account for required and recommended implementation actions prescribed in the Napa River Sediment Reduction and Habitat Enhancement Plan (e.g., Napa River Sediment TMDL) adopted as part of the Water Quality Control Plan for the S. F. Bay Basin.

The objectives of the ITAS are to: 1) identify progress towards achieving TMDL goals and compliance; 2) prioritize implementation actions; 3) inform management strategies; and 4) communicate the results to stakeholders, regulatory agencies, grant funders and policy makers.

Napa County has contracted with Tetra Tech Inc. to develop a web-based ITAS to assist the County and other responsible reporting entities in tracking their progress and implementation actions within the Napa River watershed that reduce sediment loading of waterways, improve aquatic and riparian habitat quality, and meet the objectives of the Napa River Sediment TMDL. The ITAS will track performance measures that demonstrate compliance and relative effectiveness of specific watershed actions intended to control or reduce sediment delivery to the river system and improve overall stream function within the river system.

The project includes:

- ✓ **Tracking of TMDL implementation actions and projects** completed and ongoing throughout the Napa River watershed.
- ✓ **Identification and prioritization of metrics** that will communicate incremental progress of improvement actions implemented throughout the watershed, including the identification and inventory of existing data to support the metrics.
- ✓ **Identification of the watershed boundaries** by which specific tracking and accounting metrics would be reported via a web based system.
- ✓ **Development of a public ITAS module** to display TMDL implementation actions and metrics in an easily understandable and meaningful way to inform state, local, and federal stakeholders of progress being made, and to encourage continued support and confidence in TMDL implementation actions. Napa ITAS will promote stakeholder and community collaboration across the watershed and will foster effective and transparent communication at all levels of involvement from local implementers to regional policy makers.



For more details: http://www.napawatersheds.org/app_pages/view/5359

EVENTS ALL


MARCH 7, 2013
Climate Change Symposium
All Day, Sacramento, CA




MARCH 14, 2013
Best Practices in Winery Operations: Risks and Rewards
All Day, Napa, CA




MARCH 14, 2013
Workshop on Alluvial Fan Processes and Local Examples with Field Trip
10:30am-2:00pm, Napa, CA



MARCH 21, 2013
Vineyard Water Conservation Workshop
8:30am-12:00pm, Napa, CA




MARCH 30, 2013
Grateful Dead "Peak" Hike
8:30am-3:00pm, UC Davis McLaughlin Reserve





FEATURED ALL


FEBRUARY 15, 2013
New! More robust Interactive Map launches featuring projects, events and data



FEBRUARY 21, 2013
Cash rebates for rain gardens and rain barrels



FEBRUARY 21, 2013
Calling all watershed projects!



NEWS ALL



6 HOURS AGO
BY CHRIS SMITH, SANTA ROSA PRESS DEMOCRAT
North Coast dogs learn to sniff out sewage spills



2 DAYS AGO
BY CHRIS SMITH, USGS
Stay Current on Your USGS WaterNow



2 DAYS AGO
BY JEFF QUACKENBUSH, NORTH BAY BUSINESS JOURNAL
Regulators scrap Napa River, Sonoma Creek vineyard runoff waiver

- WICC of Napa County**
- About Us
 - Contact Us
 - Email Settings
 - Privacy Policy
 - Accessibility
 - Login

- Projects**
- Featured Projects
 - View Projects
 - About the Database
 - Login to the Database

- Watersheds**
- Watershed Groups
 - Characteristics
 - Major Basins
 - Caring for Our Watersheds
 - Historical Ecology
 - Education
 - Climate Change

- Reports and Data**
- Assessments
 - Water Supply
 - Baseline Data
 - Monitoring

- Planning**
- Climate Change Planning
 - Regional Water Planning
 - Management and Planning

- Maps**
- Our Maps
 - Download Map Data

SHOW RELATED CONTENT ▾



The Putah Creek Watershed



This map depicts the parts of a watershed.



Suisun Creek Watershed includes the Gordon Valley Creek.

Major Basins

Watersheds are more than just drainage areas. They are the places where we live, work, and recreate.

What is a watershed?

A watershed is an area of land that drains into a common waterway. Ridgetops form the boundaries between watersheds, and topography or lay of the land determines in which direction water flows. Watershed boundaries often cross county, state, and international borders.

Headwaters are the upstream areas of a watershed. Downstream and downhill, tiny rivulets and streams combine to form larger rivers which empty into a body of water such as a lake or bay.

Within a large watershed, there are smaller subwatersheds. For example, within the Napa River watershed, a smaller area of land drains into Redwood Creek. This area of land is the Redwood Creek subwatershed. Similarly, the Napa River watershed is part of the larger San Pablo Bay Watershed.



Napa County's three major watersheds

Napa River Watershed

Putah Creek Watershed

Suisun Creek Watershed

Napa River Watershed

The Napa River Watershed is almost entirely within Napa County (a small portion is also in Solano County). It is defined by Mt. St. Helena to the north, the Mayacamas Mountains to the west, Howell Mountain, Atlas Peak, and Mt. George to the east, and the Napa-Sonoma Marsh to the south. The Napa River runs through the center of the watershed on the valley floor, draining numerous tributaries along a 55 mile run from the headwaters of Mt. St. Helena to the San Pablo Bay. The Napa River winds through many types of landscapes: forested mountain slopes, vineyards, urban areas, open pasture, grasslands, industrial zones, and marshes.

The Napa River Watershed is home to most of the residents and developed areas in the county. It is estimated that 95% or more of the entire population of Napa County live in the Napa River Watershed. Reservoirs in the watershed include Lake Hennessey, Lake Milliken, and Bell Canyon Reservoir. This watershed also provides habitat for many types of plants, fish, and wildlife. Chaparral, brackish and salt water marsh, vernal pools, forests, oak woodlands, grasslands, and riparian habitats can all be found in the watershed.

Source: Napa County Resource Conservation District

[Back to Top](#)

WICC of Napa County ▾

About Us
Contact Us
Email Settings
Privacy Policy
Accessibility
Login

Projects ▾

Featured Projects
View Projects
About the Database
Login to the Database

Watersheds ▾

Watershed Groups
Characteristics
Major Basins
Caring for Our Watersheds
Historical Ecology
Education
Climate Change

Reports and Data ▾

Assessments
Water Supply
Baseline Data
Monitoring

Planning ▾

Climate Change Planning
Regional Water Planning
Management and Planning

Maps ▾

Our Maps
Download Map Data