

# Watershed Information Center & Conservancy OF NAPA COUNTY

## Members

Diane Dillon  
Mark Luce  
Michael Novak\*  
Steven Rosa  
Mark Van Gorder  
Gary Kraus\*  
Leon Garcia  
Jim King  
Jeff Reichel  
Phill Blake  
Don Gasser  
Kate Dargan  
Jeffrey Redding  
Robert Steinhauer  
Charles Slutzkin  
Marc Pandone  
Richard Camera  
*\*pending confirmation*

## Alternate

Harold Moskowite

## AGENDA

### REGULAR BOARD MEETING

**Thursday, January 25, 2007  
4:00 p.m.**

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

## Staff Representatives

Patrick Lowe,  
**Secretary**  
Deputy Director,  
Conservation Div., CDPD

Jeff Sharp,  
**Watershed Coordinator**  
Planner III,  
Conservation Div., CDPD

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

1. **CALL TO ORDER & ROLL CALL** (Chairman)
2. **APPROVAL OF ACTION MINUTES**  
None at this time (Chairman)
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. (Chairman)
4. **DISCUSSION AND ACTION:**
  - a. **Election of new Chair and Vice-Chair** for year 2007 (per Bylaws§ II.A.) (Board/Staff)
  - b. Discussion and **final adoption of 2007 Meeting Calendar** (per Bylaws§ III.A.) [*continued from November 16, 2006 Special Meeting*] (Board/Staff)
5. **ANNOUNCEMENTS** (Board/Staff)
  - a. **“Reflections on the Napa River,” 2007 Calendar**, supporting watershed awareness and education, provided by the Resource Conservation District (RCD), Friends of the Napa River and the County's Watershed Education Program (Staff/RCD)
  - b. **Watershed Assessment and Adaptive Management Workshop**, Saturday, January 27, 2007, hosted in Lake County by Lake County RCDs and California Watershed Assessment Manual Team (Staff)

- c. **WICC Board appointments scheduled** for Board of Supervisors February 6, 2007. Two city nominations, Gary Kraus (City of Calistoga) and Michael Novak (City of St. Helena), and Public at Large member will be considered (Staff)
- d. Others (Board/Staff)

**6. UPDATES/REPORTS:**

- a. Update on the County **General Plan Update** process, **Steering Committee activities** and timeline of draft plan and EIR availability for public comment (Planning Director/Staff)
- b. **WICC program and activities update presented to the Napa County Planning Commission** on January 17, 2007 (Staff)
- c. Update and report on CalFed Watershed Program **grant opportunity to support WICC Watershed Monitoring Program** (Staff)
- d. Update on **WICC Strategic Planning Retreat** (Staff)
- e. Others (Board/Staff)

**7. UPDATE, DISCUSSION AND POSSIBLE DIRECTION TO STAFF REGARDING REGIONAL WATER QUALITY CONTROL BOARD (RWQCB) TMDL PLANNING PROCESS AND STATE WATER BOARD POLICY DEVELOPMENTS:**

Update, discussion and possible direction to staff regarding RWQCB TMDL/Basin Planning processes, the Regional Board's response to comments on Board's proposed sediment TMDL, outcome of the sediment TMDL adoption hearing by the RWQCB on January 23, 2007; and other State Water Resources Control Board policy developments (Staff)

**8. PRESENTATION AND DISCUSSION OF RECENT UNDERWATER VIDEO DOCUMENTING THE FALL 2006 CHINOOK SALMON RUN IN THE NAPA RIVER:**

Presentation and discussion of recent underwater video documenting the Fall 2006 Chinook salmon run in the Napa River mainstem, presented by Jonathan Kohler, Fisheries Biologist for the Napa County Resource Conservation District, showing first-time footage made possible via equipment purchased with a grant from the Napa County Wildlife Conservation Commission. (Staff/RCD)

**9. FUTURE AGENDA ITEMS** (Board/Staff)

**10. NEXT MEETING:**

**Regular Board Meeting of February 22, 2007 – 4:00 PM**

Hall of Justice Building, 2<sup>nd</sup> floor Conference Room, 1125 Third Street, Napa

**11. ADJOURNMENT** (Chairman)

**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, 1195 Third St., Suite 210, Napa CA 94559) to request alternative formats.**



**Meeting Details**

**Time:**

4:00 to 6:00 PM

**Location:**

Second Floor  
Conference Room,  
Hall of Justice Building,  
1125 Third St., Napa CA

All are welcome to attend.

Time and location may  
change as directed by the  
Board.

**Members:**

- Diane Dillon
- Mark Luce
- Jim King
- Jeff Reichel
- Phill Blake
- Donald Gasser
- Kate Dargan
- Jeffrey Redding
- Robert Steinhauer
- Charles Slutzkin (Chair)
- Mark Van Gorder
- Gary Kraus
- Michael Novak
- Leon Garcia
- Marc Pandone
- Richard Camera

**Alternate:**

Harold Moskowitz

**Staff:**

- Patrick Lowe,  
Secretary  
Deputy Director, CDPD
- Jeff Sharp,  
Watershed Coordinator  
Planner III, CDPD
- Laura Anderson,  
Legal Counsel  
County Counsel's Office

# WICC Board of Directors 2007 Meeting Calendar

*"To educate and support community efforts to maintain and improve the health of Napa County's watershed lands"*

**January**

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**February**

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**March**

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**April**

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**July**

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**November**

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**December**

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 - Regular Meeting Date

 - Tentative Date Due to Holiday



# Lake County Watershed Assessment and Adaptive Management Workshop

**Date:** January 27, 2007, 10 am to 4 pm  
**Location:** Scotts Valley Women's Clubhouse, 2298 Hendricks Rd., Lakeport, CA 95453  
**Registration:** Early registration \$15; after January 22<sup>nd</sup> \$20  
(email: [lindaj@pacific.net](mailto:lindaj@pacific.net) to register or for more information)  
**Hosted by:** Upper Cache Creek Watershed Alliance

## Agenda

### Morning

Introductions (Greg Dills and Linda Juntunen)

Watershed Assessment 101 (Fraser Shilling, Barbara Washburn, Chris Keithley)

- What is an assessment team?
- What is the purpose of the assessment?
- How is the assessment structured?
- Collecting and analyzing data
- Reporting the assessment findings

Watershed Basics (Fraser Shilling, Lori Weber, Chris Keithley, Joan Florsheim, & Richard Harris)

- Geomorphology
- Fire and vegetation
- Pollution (mercury, nutrient, sediments)
- Land-use

### Lunch

### Afternoon

Watershed Conceptual Modeling (Fraser Shilling, Barbara Washburn, Chris Keithley)

- Introduction to issues, indicators, and modeling
- Group exercise to develop a diagram showing watershed conditions and influences

From Assessment to Management Plan (Fraser Shilling)

- Purpose of plan
- Linking findings to action
- Measuring success



**Co-Sponsors: East Lake & West Lake Resource Conservation Districts, CA Watershed Assessment Manual Team (UC Davis, Office of Health Hazard Assessment, CA Department of Forestry and Fire Protection – FRAP), CA Bay-Delta Authority, & CA Department of Water Resources – Watershed Program.**





# COUNTY OF NAPA

## General Plan Update Newsletter

January 2007

### *In this Newsletter:*

- **Message from Hillary Gitelman, Napa County Planning Director**
- **Draft Documents Released Soon**
- **Meetings Scheduled to Discuss Draft**
- **Residents Weigh In: Comments Welcomed at Public Meetings**

### *Message from Hillary Gitelman, Napa County Planning Director*

We are approaching a tremendous milestone in Napa County's General Plan Update project and we need your help. In early February, we will circulate a draft Environmental Impact Report (EIR) and a draft General Plan Update document for public review. We need anyone who is interested in the future of Napa County to take a look at these documents and provide constructive suggestions about how they should be improved.

The draft General Plan Update is the result of over one year of hard work by the General Plan Steering Committee, County staffers, and all of the Napa County residents that have participated in the planning process thus far. The draft does not represent a finished product, but is intended to be sufficiently detailed to allow for meaningful comments. We want to know whether you agree with the goals and policies it contains, have suggestions about how they can be modified, or have ideas about additional policies we should consider. Once we get your comments, we will complete the draft document so that it can be reviewed by the Planning Commission and considered for adoption by the Board of Supervisors. If we are successful, the General Plan Update that is adopted by the Board in early 2008 will provide a comprehensive policy framework and a basis for sound decision making for years to come.

The draft EIR is the result of over one year of hard work by County staffers and a multi-disciplinary team of environmental consultants. Intended to assess all of the potential physical environmental effects of the General Plan Update, the EIR examines several planning alternatives and a long list of environmental issues. Comments and questions regarding the analysis are welcome. All comments received during the comment period will be responded to in the Final EIR, which must be certified by the Board before they can consider adoption of the General Plan Update.

Upon their release, both the draft EIR and draft General Plan documents will be available for you to view on-line at [www.napacountygeneralplan.com](http://www.napacountygeneralplan.com). Please watch for our e-mail, which will also contain information about the comment period and where to submit your comments. Public feedback continues to be the most important function of the General Plan update process. We encourage you to participate and would welcome an opportunity to address community groups or other associations interested in our planning process.

Thank you again for your continued support and participation.

Hillary Gitelman

## **Draft Documents Released Soon**

### *Public Comment and Feedback Encouraged*

The Napa County General Plan Update is approaching an important juncture in its development – the release of the draft documents. After months spent collecting public feedback and conducting research throughout the county, both the draft General Plan Update and the draft Environmental Impact Report (EIR) are scheduled for release to the public in early February.

The County encourages feedback from residents in order to ensure that the General Plan Update is comprehensive and relevant and the EIR is accurate and thorough. Public comments on both documents can be given at public meetings (see following schedule), by U.S. mail or e-mail to: [info@napacountygeneralplan.com](mailto:info@napacountygeneralplan.com). Comments must be received by the close of the public comment period and should be as specific as possible.

### **The Draft EIR**

An EIR is a document required under the California Environmental Quality Act (CEQA). In essence, an EIR is a detailed review of a proposed project, its potential environmental effects, possible changes that can be made to reduce adverse effects, and possible alternatives.

### **The Draft General Plan Update**

The General Plan is a document containing a statement of development policies and must include certain state mandated elements related to land use, circulation, housing, conservation, open-space, noise and safety. The draft document being circulated for public review addresses all of these issues with the exception of housing, because the County's housing element was updated in 2004.

The draft also addresses additional topics of local concern such as agricultural preservation, economic development, and historic preservation.

## Meetings Scheduled to Discuss Draft Documents

### *Public Encouraged to Attend*

Napa County residents will have many opportunities to hear about the draft EIR and draft General Plan Update and provide feedback on those documents. We encourage you to participate in the process by attending one of the many public meetings planned throughout Napa County over the next few months. Or, you can reach us through email links found on the website at [www.napacountygeneralplan.com](http://www.napacountygeneralplan.com).

Date	Meeting	Location	Steering Committee Members
<b>Wednesday, January 31</b> 1:00 p.m.	Steering Committee / Public Meeting	Napa County Office of Education Boardrooms A, B and C 2121 Imola Avenue Napa, CA	Peter McCrea, Chair Tom Andrews, Vice-Chair George Bachich Mary Ellen Boyet
<b>Wednesday, February 28</b> 1:00 p.m.	Steering Committee / Public Meeting	Napa County Office of Education Boardrooms A, B and C 2121 Imola Avenue Napa, CA	Jon-Mark Chappellet Stephen Cuddy Debra Dommen Tom Gamble
<b>Wednesday, March 21</b> 9:00 a.m.	County Planning Commission / Public Meeting	County Administration Building, Board Chambers (3rd floor) 1195 Third Street Napa, CA	Michael Haley Jim Hendrickson Guy Kay Carol Kunze
<b>Wednesday, March 28</b> 1:00 p.m.	Steering Committee / Public Meeting	Napa County Office of Education Boardrooms A, B and C 2121 Imola Avenue Napa, CA	Carole Meredith Beth Painter Carol Poole Jeff Reichel Brad Simpkins
<b>Wednesday, April 4</b> 6:00 p.m.	Public Meeting	Yountville Community Hall 6516 Yount Street Yountville, CA	Stuart Smith Robert Torres Bill Trautman Duane Wall

The content of the Steering Committee meetings is subject to change at any time. Please check our website - [www.napacountygeneralplan.com](http://www.napacountygeneralplan.com) -- to confirm meeting dates and time.

## Residents Weigh In: Comments Welcomed at Public Meetings

### Pope Valley and Lake Berryessa

Napa County may be best known for the world-renowned Napa Valley but the County's character is also defined by the rural and recreation areas in Pope Valley and Lake Berryessa. To ensure that residents there had an opportunity to share their visions for the future of the County, staff held a series of meetings to get feedback on proposed goals and policies for the General Plan Update in late 2006.



More than 150 people shared their opinions. There were discussions regarding economic development strategies, such as providing greater flexibility for home-based businesses, and the potential for additional visitor-serving and mixed uses near Lake Berryessa. Separate surveys were developed for each area to gauge resident's opinions regarding these and other ideas for consideration within the General Plan Update. The end result was shared with the Steering Committee and then incorporated into the Draft General Plan to allow residents County-wide to share their opinions as well.

People who are interested in these areas of the County are encouraged to provide their comments. Should the County ask voters to consider changing the designation of a small area at the Pope Valley cross roads? Are there areas at Lake Berryessa where additional mixed-use development should be encouraged? Or are there other strategies that should be used to attract limited and needed local-serving businesses to the Lake?

### Angwin is Still the Focus of Planning

The Draft General Plan Update and Draft EIR will both stimulate further discussions about Angwin. There appears to be broad consensus that the current General Plan does not do the area justice, and the Draft General Plan Update's Agricultural Preservation & Land Use Element starts to address this issue by suggesting some policies that could guide further discussions. But exactly how the area should be represented on the official land use map of the County still needs to be resolved.



In August 2006 more than 150 Angwin residents participated in County workshops at Pacific Union College, reviewing maps of five different scenarios, ranging from no change to alternatives which would require a vote of the people pursuant to Measure J (1990). The workshops and the draft documents currently being circulated for public comments highlight the need for further planning work.

Residents and others interested in the future of Angwin are encouraged to send their comments and suggestions to the County so they can be reflected in revisions to the draft documents. They should also stay tuned for more workshops in 2007, when Pacific Union College's proposals for the area will be available for discussion, and the County's land use map will be finalized.

## Questions? Comments?

To learn more about the Napa County General Plan Update process or if you have questions, please contact:

**Kendall Flint**

*Senior Public Information Officer*  
kflint@napacountygeneralplan.com  
(866) 828-6762

**Hillary Gitelman**

*Napa County Planning Director*  
hgitelman@napacountygeneralplan.com

**Howard Siegel**

*Community Partnership Manager*  
hsiegel@napacountygeneralplan.com

[www.napacountygeneralplan.com](http://www.napacountygeneralplan.com)

Your email address (jsharp@co.napa.ca.us) is subscribed to Napa County General Plan Update

**To view the Newsletter archive:**

[http://www.napacountygeneralplan.com/get\\_involved/newsletter.htm](http://www.napacountygeneralplan.com/get_involved/newsletter.htm)

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<http://www.napacountygeneralplan.com/napamailer/users/unsub.php?Mem=11443&ConfirmCode=7265e6049d1badeb47e5af2f49945c94>



**DEPARTMENT OF WATER RESOURCES**

1416 NINTH STREET, P.O. BOX 942836  
SACRAMENTO, CA 94236-0001  
(916) 653-5791

**REQUEST FOR PUBLIC COMMENT**

**CALFED WATERSHED PROGRAM**  
**DRAFT GRANT PROPOSAL SOLICITATION PACKAGE**  
**PROPOSITION 50**

**December 1, 2006**

The Department of Water Resources (DWR) is seeking comments from the public on the draft – CALFED Watershed Program Grant Proposal Solicitation Package (Draft PSP). The DWR Watershed Program will be managing the next round of grants offered by CALFED and has prepared the Draft PSP for review and comment. The Draft PSP is available online at on the DWR Watershed Program website <http://www.watershedrestoration.water.ca.gov/watersheds> .

**GRANT SOURCE:** Water Security, Clean Drinking Water, Coastal and Beach Protection Act of 2002, [Proposition 50](#)  
**TOTAL AVAILABLE:** Approximately \$10.0 Million  
**AGREEMENT TERM:** Winter, 2007 - June, 2010

AWARD AMOUNTS	ELIGIBLE APPLICANTS	MAXIMUM AWARD	MINIMUM AWARD	LOCAL MATCH REQUIREMENTS
<b>New Assessments, Planning and Valuation Proposals</b>	<a href="#">Eligible applicants</a> include local, state, and federal agencies, special districts, state colleges and universities as well as California non-profit organizations with <a href="#">IRS §501(c)(3)</a> status.	\$400,000	\$50,000	Recommended, not required
<b>Implementing projects in an existing Watershed Plan</b>	The applicant must be a partnership between an agency and a locally-based, watershed group or non-profit organization.	\$1,000,000	\$100,000	50/50 Match

Comments will be accepted until January 5, 2007. Comments and questions can be emailed to [dplah2o@water.ca.gov](mailto:dplah2o@water.ca.gov) or sent by mail to:

Department of Water Resources, Division of Planning and Local Assistance  
Project Support / [Resource Restoration Branch](#)  
DWR Watershed Grant Program  
Attn: Megan Fidell  
P.O. Box 942836  
Sacramento, CA 94236-0001

Two workshops to receive comments are planned for December 2006, one in Sacramento and one in Los Angeles. The workshop dates, locations and agenda will be posted on the DWR Watershed Program web site and announced through the CALFED Watershed Program list serve. The workshops are seeking comments on the Draft PSP only. Questions on how to apply for a grant, the nature of proposals that might be submitted, and other specific issues related to applying for a grant can be answered through our website: <http://www.watershedrestoration.water.ca.gov/watersheds>.

DWR will revise the Draft PSP based on comments received and anticipates release of the PSP and beginning of the solicitation period in February, 2007.

Watershed Assessment Framework		Description	Example Indicators
	Landscape Condition	The extent, composition, and pattern of habitats in a landscape.	- Status and change in extent of ecosystems
	Biotic Condition	The condition or viability of communities, populations, and individual biota.	- Imperiled species in the U.S. - At-risk native species - Trends in invasive and non-invasive birds in grasslands and shrub lands
	Ecological Processes	Metabolic function of ecosystems - energy flow, element cycling, and the production, consumption, and decomposition of organic matter.	- Primary productivity - Movement of nitrogen
	Social and Economic Condition	Humans and human activities, population, economic state, employment, diversity, education, health and status	- Population density - Financial wealth - Land-use activities
	Chemical and Physical Characteristics	Physical parameters (e.g., temperature) and concentrations of chemical substances (e.g., nitrogen) present in the environment.	- Nitrate, phosphate, and other chemical levels in streams
	Hydrology and Geomorphology	The interplay of water flow and land forms.	- Soil erosion - Change in stream flow rates
	Natural Disturbance Regimes	The historical function of discrete and recurrent disturbances that shape ecosystems.	- Forest disturbances: fire, insects, and disease

STATE OF CALIFORNIA  
REGIONAL WATER QUALITY CONTROL BOARD  
SAN FRANCISCO BAY REGION

STAFF SUMMARY REPORT (Mike Napolitano)  
MEETING DATE: January 23, 2007

ITEM: 14

SUBJECT: **Proposed Amendment to the Water Quality Control Plan (Basin Plan) for the San Francisco Bay Region to Establish a Total Maximum Daily Load (TMDL) for Sediment in Napa River, and an Implementation Plan to Achieve the TMDL and Related Habitat Enhancement Goals—Hearing to Consider Adoption of Proposed Basin Plan Amendment**

CHRONOLOGY: June 2006 – Public Notice of Proposed Basin Plan Amendment  
September 2006 – Hearing to Receive Testimony on Proposed Basin Plan Amendment

DISCUSSION: At this hearing, the Board will be asked to consider adopting the Tentative Resolution (Appendix A) amending the Basin Plan to incorporate a TMDL and implementation plan to control sediment and achieve related habitat enhancement goals in the Napa River watershed. At the hearing, we will present an overview of revisions we have made to the Basin Plan amendment (Appendix B) as an outgrowth of stakeholder written comments and comments and questions raised by the public and Board members at the September 13, 2006 testimony hearing. Additional documentation in this packet includes the revised Staff Report (Appendix C), Responses to Comments (Appendix D), copies of all written comments received during the public comment period (Appendix E), and the transcript from the September testimony hearing (Appendix F).

In order to protect and restore the habitat of the Napa River's native fish community, and to enhance the recreational values of the river, the Basin Plan amendment will establish the following:

- Numeric targets for sediment that protect water quality
- A TMDL equal to 125 percent of natural background sediment load
- Allocations for all significant sediment source categories
- An implementation plan to achieve the TMDL and related habitat enhancement goals (e.g., habitat complexity, baseflow, stream temperature, and fish passage)
- A plan and schedule for evaluating and monitoring progress toward meeting the targets

The Responses to Comments document (Appendix D) addresses all comments received and calls out revisions to the Basin Plan amendment and Staff Report now proposed. The following is an overview of expressed concerns and our responses.

- While some stakeholders commended us for developing a comprehensive approach to protecting fish, both the Napa Farm Bureau and local municipalities expressed concern that the Habitat Enhancement Plan is outside the scope of the TMDL and therefore inappropriate for inclusion in the Basin Plan amendment. In our responses, we clarify the dual nature of the amendment, which includes both a Sediment TMDL and Implementation Plan, and a Habitat Enhancement Plan. The Habitat Enhancement Plan addresses other stressors (in addition to sediment) on steelhead

and salmon. These other stressors include habitat degradation, low flows during the dry season, fish migration barriers, and stressful summer water temperatures.

- Municipalities expressed concern that increasing flows for fish will diminish public potable water supplies. To address their concerns we clarified that our intent is to participate in a facilitated multi-agency planning process focused on development of practical and reasonable solutions to both humans' and wildlife's needs for water. We also clarified which aspects of the Habitat Enhancement Plan are *recommended* versus *required*.
- The County of Napa, the Napa Farm Bureau, and the Living Rivers Council raised numerous technical questions regarding implementation. In response, we have clarified the land use types and parcel sizes that will be affected by the TMDL, and elaborated on future monitoring requirements. We describe how specific sediment control and habitat enhancement actions will be evaluated in the process of developing waiver conditions for waste discharge requirements (WDRs) applicable to grazing lands and vineyards. We also clarify our intent to require actions aimed at protecting stream channels from increases in peak flow runoff.
- In response to comments from U.S. EPA, we revised the TMDL so that it is expressed in terms of the mass rate of sediment delivery to the Napa River, and we have provided specific wasteload allocations for construction, industrial, and municipal NPDES stormwater dischargers, including Caltrans, and for wastewater treatment facilities operating under NPDES permits.
- In response to a number of specific issues raised by commenters and in conformance with California Environmental Quality Act, we have revised and expanded Chapter 7 of the Staff Report, the Environmental Analysis section, to be consistent with revisions made throughout the Staff Report and Basin Plan amendment.

The revised Basin Plan amendment and supporting documents respond to stakeholder concerns, protect water quality, and meet all federal and state requirements. The overall approach to solving this water quality problem requires that all potential sources take responsibility for controlling sediment discharges, and that collaborative efforts continue to improve fish habitat. The implementation plan provides opportunities for future adaptive improvements to the plan. The proposed amendment outlines a comprehensive and holistic approach to restoring threatened fish populations, as well as protecting recreational and aesthetic values.

RECOMMEN-  
DATION

Adopt the Tentative Resolution

APPENDICES:

- A. Tentative Resolution with Proposed Basin Plan Amendment (Exhibit A)
- B. Proposed Basin Plan Amendment showing all changes since June 30, 2006
- C. Staff Report
- D. Responses to Comments
- E. Written Comments
- F. September 13, 2006 Hearing Transcript



# California Regional Water Quality Control Board

## San Francisco Bay Region



Linda S. Adams  
Secretary for  
Environmental Protection

1515 Clay Street, Suite 1400, Oakland, California 94612  
(510) 622-2300 • Fax (510) 622-2460  
<http://www.waterboards.ca.gov/sanfranciscobay>

Arnold Schwarzenegger  
Governor

December 18, 2006

### NOTICE of PUBLIC WORKSHOP

Concerning the development of an amendment to the Regional Water Quality Control Plan of the San Francisco Bay Region to protect stream and wetland systems

The San Francisco Bay Regional Water Quality Control Board (Regional Water Board) will hold a public workshop concerning development and adoption of an amendment to the Water Quality Control Plan for the San Francisco Bay Basin (Basin Plan) to protect stream and wetland systems, including measures to protect riparian areas and floodplains. The amendment will protect and restore the physical characteristics of these systems, including their connectivity and natural hydrologic regimes, in order to achieve water quality standards and protect beneficial uses. The amendment may include methodology to identify and assess the conditions of these systems and establish requirements to protect their associated beneficial uses.

At the public workshop the Regional Water Board staff will present an overview of the scientific and technical principles underlying the amendment and will discuss potential elements of the amendment that are being considered, including new water quality standards and an implementation plan to achieve these standards. Members of the public and interested parties will be provided the opportunity to present oral and/or written comments on all aspects of the amendment, including implementation planning. All comments will be included in the final administrative record. The public workshop will be held:

**Date:** Tuesday, February 6, 2007  
**Time:** 9:00 a.m. – 12:00 noon  
**Place:** Elihu Harris State Building Room 2, second floor  
1515 Clay Street  
Oakland, CA 94612

A map and directions to the hearing are available online at [www.waterboards.ca.gov/sanfranciscobay/direction.htm](http://www.waterboards.ca.gov/sanfranciscobay/direction.htm). The location of the hearings is accessible to persons with disabilities. Individuals who require special accommodations are requested to contact Executive Assistant Mary Tryon at [mtryon@waterboards.ca.gov](mailto:mtryon@waterboards.ca.gov) or (510) 622 2399 at least five (5) working days before a meeting. TTY users may contact the California Relay Service at 1-800-735-2929 or voice line at 1-800-735-2922.

Questions regarding the public workshop should be directed to Ben Livsey at [BLivsey@waterboards.ca.gov](mailto:BLivsey@waterboards.ca.gov) or (510) 622-2308. Additional information regarding the proposed amendment to the Basin Plan can be found on the Regional Water Board website at <http://www.waterboards.ca.gov/sanfranciscobay/streamandwetlands.htm> or by calling the Regional Water Board at (510) 622-2300.

*Preserving, enhancing, and restoring the San Francisco Bay Area's waters for over 50 years*

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# FISH FACTS

## Chinook Salmon of the Napa River Watershed

 **Chinook salmon**, also known as king salmon, are by far the largest of all Pacific salmon. Four and five year old adults often grow to over 3 ft. long and tip the scales at 50 lbs. or more.

 Chinook are **anadromous** fish, meaning they are born in freshwater, migrate to the ocean, and return to freshwater as adults to spawn.

 While at sea, chinook are brilliant silver. As they move into freshwater, they darken to deep maroon or reddish brown. Spawning males are darker than females and develop a hooked snout, called a **kype**.

 Chinook in the Napa River Watershed are a **fall-run** species, meaning they begin to migrate from the ocean to their freshwater spawning grounds in the fall.

 In the Napa River Watershed, chinook salmon spawn between Yountville and Calistoga in areas of the river with suitable gravel and consistent flow.

 Spawning occurs throughout November and December, depending on flow conditions, with activity usually peaking near Thanksgiving.

 A salmon nest is called a **redd**. A female builds the redd by creating a depression with her tail (**caudal fin**) in the gravel on the stream bottom.

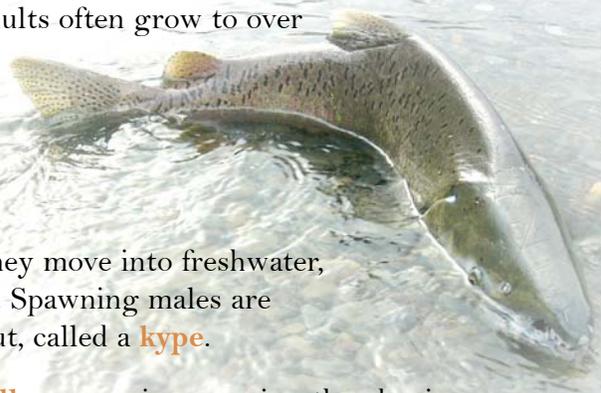
 Chinook die shortly after spawning and their decaying bodies contribute vital nutrients to the stream ecosystem.

 During the past several years, the Napa River Watershed has seen a surge in the number of chinook salmon spawning.

 In winter 2004 the Napa County Resource Conservation District (RCD) conducted field studies along a 3.5 mile stretch of the Napa River and found 62 spawning nests and over 100 spawning adults.

 The survey also showed that some of the fish were strays from fish hatcheries in the Central Valley. Regardless of their origin, it is possible that a self-sustaining population of chinook salmon is developing in the Napa River.

 For information about fishing regulations go to [www.fgc.ca.gov/html/fishregs.html](http://www.fgc.ca.gov/html/fishregs.html)



Chinook salmon in Sulphur Creek, Dec. '04  
Photo by Joe Wheaton

### Good Places to See Chinook Salmon\* in the Napa River Watershed

Calistoga Community Center

Veterans Memorial Park  
in downtown Napa

Yountville Eco-Preserve

Zinfandel Lane bridge  
near St. Helena

\* Look for salmon at these locations during spawning season in Nov. and Dec. Some of these sites are next to private property. Please respect property lines.

If you see salmon call the RCD's  
**Salmon Hotline**

**707.252-4188 x109**

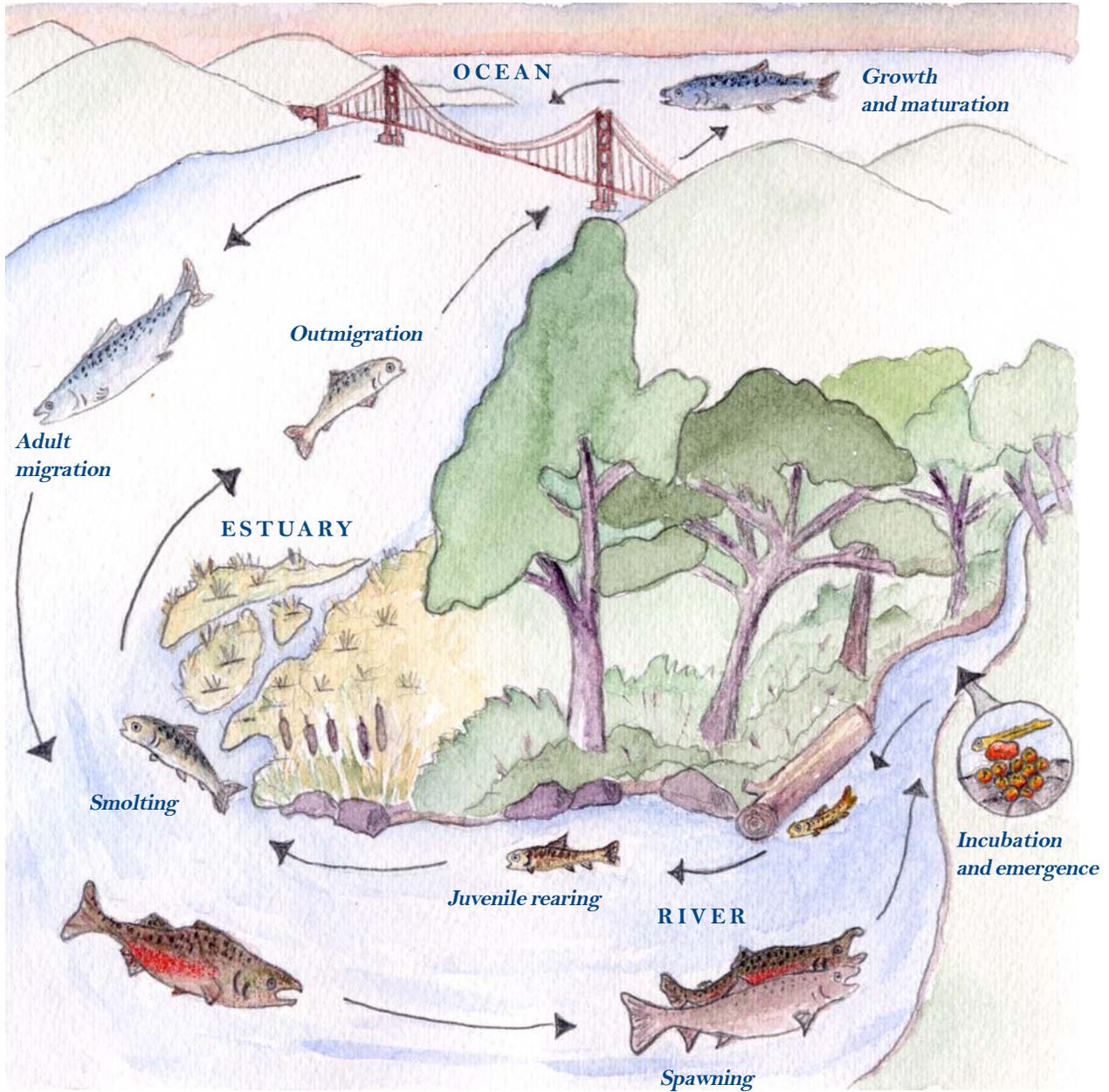
Report where, when, how many, and, if possible, color and approximate size. This data will help the RCD assess the status of their populations.



Watching salmon at the Zinfandel Ln. bridge, Dec. '05

Kathleen Edson

# CHINOOK SALMON LIFE CYCLE



Artwork by Jenny McIlvaine

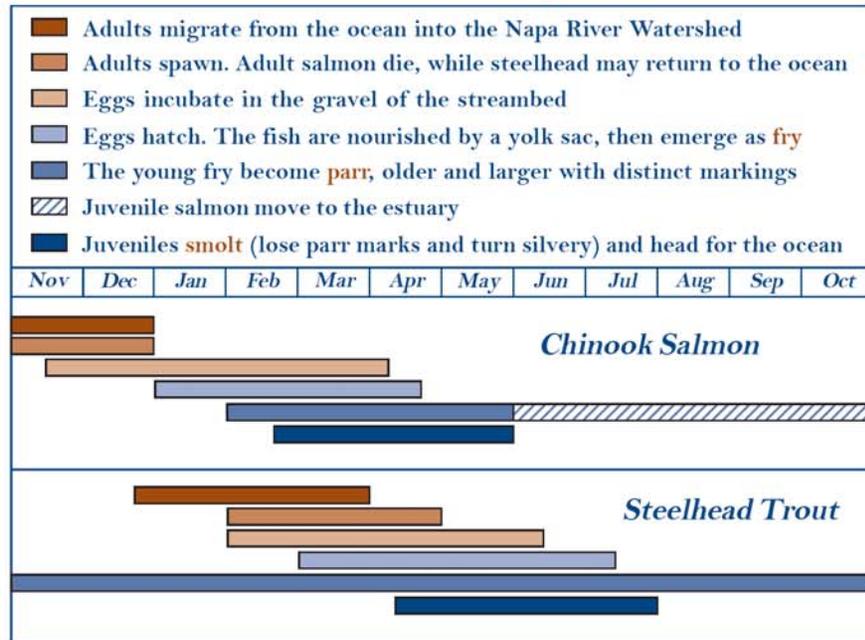
A YEAR IN THE LIFE OF CHINOOK SALMON IN THE NAPA RIVER WATERSHED*											
Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct
Adult migration											
Spawning											
		Egg incubation									
		Emergence									
		Juvenile rearing					Juvenile rearing in the Napa River Estuary				
		Smolting									

\* There is tremendous variation within any given salmon population. This is a generalized description of their life history in the Napa River Watershed.

This fact sheet was prepared by Jenny McIlvaine of the Napa County Resource Conservation District (RCD) with assistance from RCD Senior Biologist Jonathan Koehler and funded through Napa County's Watershed Education Program coordinated by the Conservation Division of the Napa County Conservation, Development and Planning Department.

## A Year in the Life

### of Steelhead and Salmon in the Napa River Watershed\*



\* There is tremendous variation within any given steelhead and salmon population. This chart represents a generalized description of their life history in the Napa River Watershed.



Napa County  
Resource Conservation District

The  
**Napa County Resource Conservation District (RCD)**  
is a local non-regulatory agency that assists landowners and community members with stewardship and conservation through education, technical assistance, and funding for on-the-ground projects.

The RCD is also actively engaged in efforts to ensure the survival of Napa County's remaining steelhead and salmon populations.

To learn more visit  
[www.naparcd.org](http://www.naparcd.org)

HELP PROTECT

## Steelhead and Salmon

of the  
Napa River Watershed



Chinook salmon



Steelhead trout

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Steelhead and salmon are **anadromous** fish, meaning they are born in freshwater, migrate to the ocean, and return to freshwater as adults to spawn.

The Napa River and many streams in Napa County historically supported large numbers of steelhead trout and chinook salmon.

Unfortunately, their populations have declined sharply in the past several decades. Improving and expanding habitat for steelhead and chinook salmon is a top priority in the Napa River Watershed.

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### Steelhead Trout

- Same species as rainbow trout, but steelhead migrate to the ocean and rainbow trout remain in freshwater.
- Adults have a blue brown back, silver sides and belly, red lateral band, pink cheeks, and numerous black spots on the tail, fins and back.
- Biologists estimate that steelhead populations are 10% of what they were 100 years ago.
- Listed as federally threatened in Napa County in 1997.

### Chinook Salmon

- Can often grow to over 3 ft. long and 50 lbs.
- Silvery while at sea, but darken to deep maroon or reddish brown as they move into freshwater.
- Spawning males are darker than females and develop a hooked snout, called a kype.
- During the past several years, the Napa River watershed has seen a surge in the number of chinook salmon spawning.
- A good place to spot them during spawning season is the Zinfandel Lane Bridge.

### How You Can Help

- Preserve or restore native creekside vegetation.
- Avoid removal of large woody debris, such as branches and logs, from creeks.
- Prevent erosion.
- Keep waste out of creeks and storm drains.
- Call the **Salmon Hotline, 252-4188 x109**, to report salmon sightings or potential obstructions to fish migration.
- Volunteer: Call **252-4188 x120** for more information.