

<p><u>Members</u> Diane Dillon Mark Luce Del Britton Gary Kraus James Krider Leon Garcia Marjorie Mohler Mike Basayne Jeff Reichel Phill Blake Don Gasser Jeffrey Redding Robert Steinhauer Charles Slutzkin Marc Pandone Chris Sauer Alexander Pader</p> <p><u>Alternate</u> Keith Caldwell</p>	<p><u>AGENDA</u></p> <p>REGULAR BOARD MEETING</p> <p>Thursday, March 26, 2009 4:00 p.m.</p> <p>2nd Floor Conference Room, Hall of Justice Building, 1125 Third Street, Napa CA</p>	<p><u>Staff Representatives</u></p> <p>Patrick Lowe, Secretary Deputy Director, Conservation Div., CDPD</p> <p>Jeff Sharp, Watershed Coordinator Principal Planner, Conservation Div., CDPD</p> <p>Laura Anderson, Counsel Attorney IV, County Counsel's Office</p> <p>Melissa Gray, Admin. Assistant Admin. Secretary II, CDPD</p>
--	---	--

1. **CALL TO ORDER & ROLL CALL** (Chairman)
Welcoming of new members: Del Britton (City of St. Helena), Marjorie Mohler (Town of Yountville) and Mike Basayne (County Planning Commission)
2. **APPROVAL OF ACTION MINUTES**
Meeting of January 22, 2009 (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. (Chair)
4. **ANNOUNCEMENTS:**
 - a. Announcement and reminder of **required AB1234 ethics training and Form 700 filing**; training and certification available online (Staff)
 - b. Announcement of **WICC participation in Earth Day Celebration**, April 25th 10 a.m. – 2 p.m., Napa Valley College (Board/Staff)
 - c. Others (Board/Staff/Public)
5. **REPORTS, UDATES AND DISCUSSION:**
 - a. Update on Napa County **Watershed Symposium 2009**, May 21st, 9:00am – 4:00pm, Elks Lodge and report on tentative agenda and confirmed speakers (Staff/Napa County RCD)

- b. Update on **WICC WebCenter** re-design, new look and planned public launch coinciding with May 2009 Watershed Awareness Month (Staff)
- c. Update on efforts towards the development of a locally based **Integrated Regional Water Management Plan (IRWMP)** for Napa County and brief report on larger **Bay Area and Sacramento River IRWMP** efforts (Staff)
- d. Update, report and discussion on various **Regional Water Quality Control Board** and **State Water Resources Control Board water quality control plans and policies** affecting Napa County's watersheds, including Instream Flow Policy, Stream and Wetland Protection Policy, revised Napa River Sediment Total Maximum Daily Load (TMDL) and other Basin Planning efforts (Staff)
- e. Update on **County General Plan Implementation** report presented to the County Planning Commission and the California Department of Housing and Community Development and the California Office of Planning and Research (Staff)
- f. Report on **fish monitoring efforts now underway** on the Napa River mainstem through the use of a rotary screw trap (Staff/Napa County RCD)
- g. Others (Board/Staff)

6. **REPORT, DISCUSSION AND POSSIBLE DIRECTION:**

Report, discussion and possible direction to staff regarding freeze of state bond funding, impacts on local grant projects and **recommendation to Board of Supervisors that a letter be sent to state officials requesting grant agreement extensions** (Staff/Board)

7. **PRESENTATION AND DISCUSSION:**

- a. **Napa-Solano Audubon Society** – a presentation and discussion of the Napa-Solano Audubon Society's mission, activities and recent projects (Cheryl Harris, Napa-Solano Audubon Society)
- b. **Rainwater Harvesting** – a presentation and discussion on rainwater harvesting, use, and potential applications in Napa County (Tony Yarish, John Deere Green Tech)

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

9. **NEXT MEETING** (Chairman)

Regular Board Meeting: April 23, 2009 – 4:00 PM

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

10. **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.



EarthDay

Saturday, April 25, 2009
10 a.m. – 2 p.m.

Please join us for this year's Earth Day Celebration at the Napa Valley College Soccer Fields on Saturday, April 25th.

This informative and fun event attracts over 1,500 attendees, primarily families and their school age children. In addition to live entertainment and tasty food booths, we will be offering lots of great information about the environment, tips on how to "live green" and interactive exhibits.

The planning committee requests that all vendors do their part to make this a Green Event by using recyclable products or compostables such as biodegradable "bioplastic". Paper products may also be used. These supplies can be purchased at reasonable prices from www.greenearthofficesupply.com, www.simplybiodegradable.com and www.greenhome.com. Better yet, try minimizing the use of containers wherever possible; for example, by serving ice cream in a cone instead of a cup!

Food vendor and exhibitor space is limited, so please return your application form as soon as possible to insure your spot. Food and snack vendors must also file a permit with Napa County. All participants must provide their own booth set up, including pop-up canopies, chairs and tables.

On behalf of the Environmental Education Coalition of Napa County, I hope you will participate in "Earth Day Napa". Please don't hesitate to call or email if you have any questions.



Bonnie Buss

Event Coordinator
Ph: 707-944-0799
BonnieBussEvents@aol.com

RECEIVED
FEB 24 2009
NAPA CO. CONSERVATION
DEVELOPMENT & PLANNING DEPT.

www.earthdaynapa.com



Napa Valley College Soccer Field
Saturday, April 25, 2009
10 a.m. – 2 p.m.

Business: _____

Contact Person: _____

Mailing Address: _____

City / State / Zip: _____

Phone: _____ Fax: _____

Email: _____

What will you be selling or what type of information will you have at your booth? _____

Do you need electricity? _____ Other set up needs? _____

Booth Fee: (check one) _____ Selling Products - \$50

_____ Information Only – No Charge

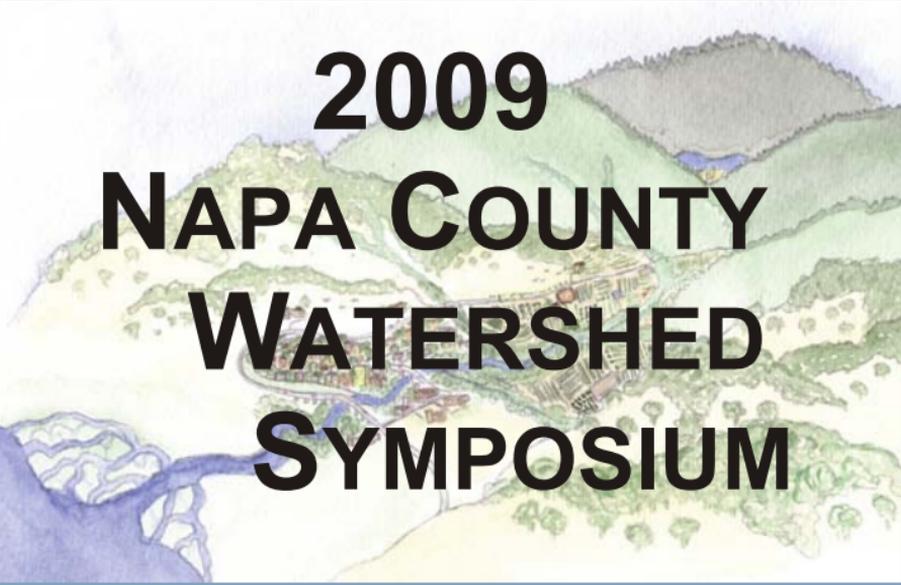
All participants must provide their own booth set up, including pop-up canopies, chairs and tables.

Your booth fee is due by April 1, 2009. Please make check payable to the "Land Trust of Napa County" and mail to P.O. Box 3003, Yountville, CA 94599

Please fax this participation form to 944-9626 by March 20, 2009

If you have any questions, please call Bonnie Buss at 944-0799
Email: BonnieBussEvents@aol.com

Signed: _____ Dated: _____



2009 NAPA COUNTY WATERSHED SYMPOSIUM

Thursday May 21, 2009
8:30 am – 4:00 pm
Napa Elks Lodge
Napa, CA

Stewarding Napa County's Watersheds in a Changing World

What are the biggest drivers of change for natural resources in Napa County over the next 50 years?

How will natural resources be impacted by environmental, social, and economic changes?

How can current management policies respond to these changes and challenges?

Stay posted for more information!
website: www.napawatersheds.org
e-mail: frances@naparcd.org
ph: 707 252-4188 ext. 120

SPONSORS:

Napa County Resource Conservation District and the Watershed Information Center & Conservancy of Napa County.

Additional sponsors are welcome! Contact frances@naparcd.org to learn about benefits of sponsorship.

Napa County Watershed Symposium 2009
Managing Napa County's Resource in a Changing World

Thursday, May 21, 2009

9:00am – 4:00pm

Elks Lodge, 2840 Soscol Ave, Napa, CA 94558

Tentative Agenda:

Welcoming & Keynote Speaker

How will Napa County's resources be affected by change?

- Water Resource Supply & Security
- Ecosystem Functioning & Health
- Fire Processes, Behavior & Ecological Effects

Adopting a Watershed Perspective

- Our Watershed, Our Lifeboat
- Watershed Stewardship

Lunch

Whirlwind Tour of Napa County's Watershed Groups

- Adapting & Responding to Change – “Making it work given today's economic and environmental condition”

Learning from Others – Panel Discussion & Questions

- Lessons from other communities
- Making the best from what we know & don't know

Conclusion and Wrap-up

Informative displays will be presented throughout the day!

Last year's event was very popular!

154 attendees

31 watershed groups participated in “whirlwind tour”

Over 20 organizations provided displays/table information

Don't miss it this year's Watershed Symposium!

Draft Policy for Maintaining Instream Flows in Northern California Coastal Streams Status Update – December 2008

The State Water Board released the Draft Policy for Maintaining Instream Flows in Northern California Coastal Streams in December 2007. The public comment period ended on May 1, 2008. Over six hundred comment letters were received. In August 2008, the State Water Board held two public workshops to discuss the AB 2121 Draft Policy. One workshop was held on August 5 in Ukiah, and the second was held on August 6 in Santa Rosa.

Major comments included the following: (1) consider rebalancing the policy with respect to the amount of water allocated for fish versus the amount of water available for diversion; (2) consider adding detail to the watershed approach section; (3) consider an exemption for small projects; (4) consider changing the start of the diversion season from October 1 to December 15; (5) consider disincentives for existing illegal diversions; (6) consider incentives for stewardship projects; (7) consider additional guidance for site specific studies; (8) consider implementing a monitoring program to assess policy effectiveness; (9) consider a policy exemption for all streams that have previously established minimum instream flow requirements for the protection of fish; and (10) consider implementing the policy on a trial basis before adopting.

Division of Water Rights staff is evaluating the comments received, preparing a response to comment document, and planning revisions for the draft policy. Division staff is also preparing an analysis that evaluates how alternatives to the proposed regional criteria may affect the amount of water available for diversion, and the relative protectiveness of those alternatives to fish habitat. Additionally, Division staff anticipates Trout Unlimited, the law firm of Ellison, Schneider, and Harris, and the engineering firm of Wagner & Bonsignore will be providing a technical supplement to their May 1, 2008 joint comment letter. Division staff plans to bring the revised policy to the Board for consideration in mid-2009.

Annual Report on the Status of the General Plan and Implementation

Presented to the Napa County Planning Commission on March 18, 2009

On April 1 of each year, the County is required, pursuant to Government Code Section 65400, to report to the Department of Housing and Community Development (HCD) as well as the Office of Planning and Research (OPR) regarding reasonable and practical means for implementing the General Plan if a new plan, in total or in part, has been adopted. In addition, a separate report is required that details the progress of implementation of the Housing Element.

Since adoption of the updated General Plan in 2008, the County has prepared and maintains a comprehensive list of implementation action items referenced in the General Plan. The attached list details each action item by element and the status of implementation.

In addition, the County implements its General Plan by applying the Plan's goals and policies to individual discretionary decisions in the course of the year. For example, when the Planning Commission considers applications for rezoning or for use permits, it considers those applications in light of the General Plan and thus furthers the General Plan's implementation. Similarly, when the Board of Supervisors undertakes rezoning or considers capital expenditures, it also applies the General Plan's goals and policies.

Furthering General Plan implementation through day to day decision-making is both sound public policy, and also ensures implementation of mitigation measures from the General Plan Update EIR certified June 3, 2008, since many of the mitigation measures were adopted as policies within the General Plan.

**NAPA COUNTY GENERAL PLAN UPDATE
IMPLEMENTATION ACTION ITEMS**

(Updated: March 2, 2009)

Action Items	Action	Timing/Priority & Cost	Responsible Party	Notes & Status
Agricultural Preservation and Land Use Element				
Action Item AG/LU-2.1	Amend County Code to reflect the definition of “agriculture” as set forth within this Plan ensuring that wineries and other production facilities remain as conditional uses except as provided for in Policy AG/LU-16, and that marketing activities and other accessory uses remain incidental and subordinate to the main use.	A \$	CDPD	Planned for 2010
Action Item AG/LU-7.1	Work with interested stakeholders to undertake an evaluation of new voluntary approaches to protecting agriculture, including implementation of a “Super Williamson Act” program, a conservation easement program or other permanent protections, and programs promoting the economic viability of agriculture.	Ongoing \$	CDPD	Ongoing
Action Item AG/LU-10.1	Maintain a data base of all wineries including their production capacity, marketing events and other characteristics that could influence analysis of cumulative effects or the winery’s effect on neighbors.	A \$	CDPD	Database maintained as ongoing part of CDPD work program
Action Item AG/LU-15.5.1	The County will prepare and adopt guidelines and regulations to assist in the determination of the appropriate type and scope of agricultural buffer areas needed in circumstances that warrant the creation of such buffer.	A \$→\$\$\$	CDPD	Not yet programmed
Action Item AG/LU-30.1	Prepare an ordinance permitting second units in areas designated Agricultural Resource when the units do not conflict with agricultural uses or Williamson Act contracts, and consider whether their use as affordable and/or workforce rental housing can be ensured.	Concurrent with 2008-09 Housing Element Update \$	CDPD CIA	Expected to be completed in 2009
Action Item AG/LU-30.2	Develop a Workforce Housing Ordinance, including revisions to the current Inclusionary Housing Ordinance, to define workforce housing and establish additional workforce and inclusionary housing requirements for all multi-family housing proposals consisting of eight or more units constructed in the unincorporated County. Such an ordinance could also require on-site workforce housing in place of in-lieu fees for any large commercial or institutional projects constructed outside of areas where housing would be inconsistent with the applicable airport land use compatibility plan.	Concurrent with 2008-09 Housing Element Update \$→\$\$\$	CDPD CIA	Expected to be completed in 2009
Action Item AG/LU-33.1	Adopt local guidelines or zoning code definitions to clarify the distinction between single-family residences and commercial short-term guest accommodations, specifying the uses and ownership or rental arrangements associated with each. Also, analyze the prevalence of extremely large residences, and determine whether single family residences above a certain size should require environmental analysis.	A \$\$	CDPD	First part expected to be completed in 2009
Action Item AG/LU-43.1	Consider amendments to the Zoning Code to allow additional commercial, residential, and mixed uses in the areas currently zoned for commercial use in the Spanish Flat, Moskowitz Corner, and southern Pope Creek areas in order to complement recreation activities at Lake Berryessa.	B \$	CDPD	Planned for 2010
Action Item AG/LU-45.1	Review and revise sections of the Napa County Code that provide the list of land uses permitted on existing commercially zoned parcels to encourage neighborhood-serving commercial uses and new limited accessory dwellings where appropriate.	B \$	CDPD	Revisions for accessory dwellings expected to be completed in 2009
Action Item AG/LU-48.1	Review zoning code requirements for Home Occupation permits, and update those requirements to provide greater flexibility in situations where there will be no off-site impacts. For example, consider situations in which the use of legal, accessory	B	CDPD	Not yet programmed

Action Items	Action	Timing/Priority & Cost	Responsible Party	Notes & Status
	structures could be permitted, or where home occupations could employ workers other than a single owner/proprietor.	\$		
Action Item AG/LU-49.1	Refer General Plan land use changes, proposed rezonings, and proposed developments in Airport Approach Zones to the Napa County Airport Land Use Commission for review and comment.	Ongoing \$	CDPD	Ongoing: This referral is routinely accomplished by staff and required by State law
Action Item AG/LU-54.5.1	Develop a definition of 'formula businesses' and amend County Code to ensure compatibility with ordinances related to this issue in Calistoga and St. Helena.	B \$	CDPD	Not yet programmed
Action Item AG/LU-94.1 (MM 4.2.1)	Prior to approving non-industrial development, the County shall adopt development standards for the Pacific Coast/Boca and Napa Pipe sites which shall include, but may not be limited to, buffering and visual screening from existing industrial uses and Syar Quarry, design features that include physical buffers (e.g., vegetation, landscape features, or walls in unique circumstances), building placement and orientation in a manner that physically separates these sites from incompatible operations of adjacent uses (e.g., truck traffic, odors, stationary noise sources), and implementation of other measures to address noise and vibration. Standards for the Napa Pipe site shall ensure conformance with the Napa County Airport Land Use Compatibility Plan.	A \$	CDPD	Standards will be developed as part of site specific planning and prior to approval of non-industrial uses on these sites
Action Item AG/LU-107.1	Undertake revisions to the zoning ordinance (County Code Title 18), simplifying and reorganizing to the extent feasible so that members of the public, applicants, planners, and decision makers can more easily access information and understand code requirements.	C \$\$\$	CDPD	Not yet programmed
Action Item AG/LU-114.1	Undertake a systematic planning effort to review and adjust the boundaries of areas designated Urban Residential and Rural Residential on the Land Use Map, with the objective of preserving agricultural uses and eliminating areas zoned and used for agriculture from these designations. The planning process shall prioritize review of areas that are not contiguous to incorporated cities and town, and shall consider the following factors at a minimum: the development potential of each area based on zoning; infrastructure and services availability; community character; physical constraints such as topography; and the desires of potentially affected property owners within each area. The County shall not support requests for rezoning from agricultural to non-agricultural zoning districts in these areas until the review and adjustment of area boundaries is complete.	A \$\$\$	CDPD	Ongoing
Action Item AG/LU-119.1	Complete the Review Following Census called for in Section (3) of Policy AG/LU-119 during each update to the Housing Element required by State law.	Concurrent with 2008-09 Housing Element Update \$	CDPD CIA	Expected to be completed by June 30, 2009
Action Item AG/LU-125.1	Consider amendments to the Zoning Code that would reduce the number of zoning districts in which new churches and religious institutions may be located and provide siting criteria as part of the use permit process.	B \$	CDPD	Expected to be completed in 2009
Circulation Element				
Action Item CIR-10.1	County staff shall participate in the periodic updates of the Napa County Transportation and Planning Agency's Strategic Transportation Plan (STP), and use that forum for consideration and development of innovative strategies related to the movement of people and services without increasing the use of private vehicles. The County shall seek input from experts in sustainability, smart growth, and land	Ongoing \$	CDPD PW NCTPA	Ongoing as a part of regular planning process; consultation with experts as needed.

Action Items	Action	Timing/Priority & Cost	Responsible Party	Notes & Status
	use planning in developing potential new strategies.			
Action Item CIR-11.1	The County shall adopt, periodically review, and revise as appropriate specific road and street standards for County roads. These standards shall include overall right-of-way widths, pavement widths, lane and shoulder widths, and other design details. The County's roadway standards shall be developed in consultation with the County Fire Marshal, County Public Works, and others to ensure adequate widths for safety and emergency access and evacuation.	Ongoing \$	PW CDPD CalFire	The road and street standards were recently reviewed and modified.
Action Item CIR-13.1	Work with the Napa County Transportation and Planning Agency and other agencies to fund and implement the improvements listed in Policy CIR-13.	Ongoing \$\$\$	PW NCTPA	Ongoing
Action Item CIR-16.1	Work with the Napa County Transportation Authority, adjacent counties, the Metropolitan Transportation Commission, and the California Department of Transportation to monitor traffic volumes and congestion on the roadway system in Napa County.	Ongoing \$	PW NCTPA	Ongoing monitoring and coordination with other agencies
Action Item CIR-19.1 (MM 4.4.1c)	In cooperation with the Napa County Transportation and Planning Agency, develop a countywide traffic impact fee to address cumulative (i.e., not project-specific) impacts associated with new employment. Fees shall be used to pay for the cost of network improvements listed in Policy CIR-13 as well as other transportation improvements such as transit.	A \$→\$\$\$	PW CDPD NCTPA: Cities of: Am Cyn, Calistoga Napa, St. Helena, and Town of Yountville	Not yet programmed
Action Item CIR-22.1	The County shall work with the incorporated cities and town, the Napa County Transportation and Planning Agency, and Caltrans to develop a coordinated approach to roadway design to enhance driver and pedestrian safety, particularly for children and senior citizens.	Ongoing \$	PW CDPD NCTPA all cities referenced in CIR-2.9.1	Ongoing
.Action Item CIR-26.1	The County will work with the Napa County Transportation and Planning Agency to conduct regular reviews of public transit use and opportunities for its expansion in Napa County.	Ongoing \$	PW NCTPA	Ongoing
Action Item CIR-26.2	The County shall establish targets for interim years to enable the County to monitor progress towards its objective of reducing the percentage of work trips that are by private, single occupant vehicles to 50%.	Ongoing \$	PW CDPD NCTPA as part of its Strategic Trans. Plan Update	Will be developed as part of the County's plan for reducing green house gases(see Action Item CON CPSP-2) in 2009.
Action Item CIR-28.1	Work with major employers and the Napa County Transportation and Planning Agency to offer incentives for carpooling and the use of cost-efficient ground transportation alternatives to the private automobile.	A \$	PW NCTPA CIA WIB	Same as Action Item CIR-26.2 above
Action Item CIR-28.2	Adopt hours of operation/schedules for County meetings (e.g., Planning Commission and Board of Supervisors) which are coordinated with public transit availability in order to make it easier for residents to use transit when doing business with the County. The County shall encourage schools and other public agencies to do the same.	Ongoing \$	PW CDPD NCTPA	Ongoing

Action Items	Action	Timing/Priority & Cost	Responsible Party	Notes & Status
Action Item CIR-32.1 (MM 4.4.1e)	Update the County Zoning Code to include requirements and standards related to carpooling, bicycling, and transit amenities in development projects.	A \$	CDPD	Not yet programmed
Community Character Element				
Action Item CC-3.1	Examine the County's sign ordinance and determine whether changes are needed to strike an appropriate balance between sign size and legibility.	C \$	CDPD	Revised ordinance adopted Oct. 2008
Action item CC-10.1	Undertake a regular review of the viewshed protection program to ensure its effectiveness and consider adding protections for views from Lake Berryessa to the program.	Ongoing \$	CDPD	Ongoing
Action Item CC-19.1	In partnership with interested historic preservation organizations, seek funding to undertake a comprehensive inventory of the County's significant cultural and historic resources using the highest standard of professional practices.	Ongoing \$→\$\$\$	CDPD Stakeholders	Not yet programmed
Action Item CC-19.2	Consider amendments to the County zoning and building codes to improve the procedures and standards for property owner-initiated designation of County Landmarks, to provide for the preservation and appropriate rehabilitation of significant resources, and to incorporate incentives for historic preservation.	A \$	CDPD	Not yet programmed
Action Item CC-23.1 (MM 4.12.1)	In areas identified in the Baseline Data Report as having a significant potential for containing significant archaeological resources, require completion of an archival study and, if warranted by the archival study, a detailed on-site survey or other work as part of the environmental review process for discretionary projects.	Ongoing \$	CDPD	Ongoing implementation by staff during project review.
Action Item CC-23.2 (MM 4.12.1)	Impose the following conditions on all discretionary projects in areas which do not have a significant potential for containing archaeological or paleontological resources: • "The Planning Department shall be notified immediately if any prehistoric, archaeologic, or paleontologic artifact is uncovered during construction. All construction must stop and an archaeologist meeting the Secretary of the Interior's Professional Qualifications Standards in prehistoric or historical archaeology shall be retained to evaluate the finds and recommend appropriate action." • "All construction must stop if any human remains are uncovered, and the County Coroner must be notified according to Section 7050.5 of California's Health and Safety Code. If the remains are determined to be Native American, the procedures outlined in CEQA Section 15064.5 (d) and (e) shall be followed."	Ongoing \$	CDPD	Ongoing: implemented by staff during project review and included as a standard condition of approval.
Action Item CC-28.1	Amend the Zoning Ordinance to provide a discretionary process such as a use permit by which owners may seek approval consistent with Policy CC-28 for an additional incentive for historic preservation. The process shall preclude reuse of buildings which have lost their historical integrity and prohibit new uses that are incompatible with the historic building or that require inappropriate new construction.	A \$→\$\$\$	CDPD	Planned for 2009-2010
Action Item CC-32.1 (MM 4.14.2b)	The County shall review and update as necessary its public works standards for street lighting to require the installation of fixtures which reduce the upward or sideways spillover of light consistent with the requirements of state law.	Ongoing \$	PW	Not yet programmed
Action Item CC-45.1 (MM 4.7.7)	The County shall use avigation easements, disclosure statements, and other appropriate measures to ensure that residents and businesses within any airport influence area are informed of the presence of the airport and its potential for creating current and future noise.	Ongoing \$	PW (Airport) CDPD	Ongoing: a requirement of adopted ALUC Compatibility Plans implemented by staff during project reviews

Action Items	Action	Timing/Priority & Cost	Responsible Party	Notes & Status
Action Item CC-53.1	Work with the BAAQMD to disseminate information regarding regulations, monitoring, and enforcement for noxious odors.	Ongoing \$	PW CDPD DEM	Ongoing as needed
Conservation Element				
Action Item CON-NR-1	Amend the Conservation Regulations to offer incentives such as a streamlined review process for new vineyard development and other projects that incorporate environmentally sustainable practices that avoid or mitigate significant environmental impacts.	A \$→\$\$\$	CDPD	Not yet programmed
Action Item CON NR-2 (MM 4.6.1a)	The County shall seek grant funding and other support and establish a fisheries monitoring program(s) consistent with the efforts of the Watershed Information Center and Conservancy of Napa County in order to track the current condition of special-status fisheries and associated habitats in the County's watersheds. Programs will include tracking the effectiveness of BMPs, mitigation measures and ongoing restoration efforts for individual projects in the watersheds and the implementation of corrective actions for identified water quality issues that are identified as adversely impacting fisheries. Monitoring programs shall be conducted in coordination with the State and Regional Water Boards, California Department of Fish and Game, U.S. Fish and Wildlife Service, and National Oceanic and Atmospheric Administration National Marine Fisheries Service to the extent necessary.	Ongoing \$→\$\$\$	CDPD WICC	The County has acquired a grant to support program development. Fisheries monitoring needs will be identified as a part of the WAF grant, expected to be completed in 2010. Additional funding will be sought to implement monitoring. Limited fisheries monitoring is currently underway by RCD (JPA/contract). Current State grant funding freeze will likely impact program/schedule.
Action Item CON NR-3 (MM 4.6.5b)	The County shall amend its Local Procedures for Implementing CEQA to require gravel removal projects to result in no net adverse effects to stream temperature, bed attributes, or habitat necessary for native fisheries health. This may include restoration and improvement of impacted habitat areas (e.g., gravel areas and pools and woody debris areas).	B \$	CDPD	Not yet programmed
Action Item CON NR-4 (MM 4.6.5c)	The County shall adopt an ordinance that prohibits construction activities within the channel of any waterway identified to contain existing or potential spawning habitat for special-status fish species during limited time periods of spawning activities.	A \$	CDPD	Not yet programmed
Action Item CON NR-5	The County shall maintain and update the Biological Resources and Fisheries chapters of the BDR as necessary to provide the most current data and mapping. Updates shall be provided online and made available for review at the Conservation, Development and Planning Department. The following specific data sets and maps shall be updated as needed: a) The County's Biological Database (through the use of the California Department of Fish and Game's California Natural Diversity Database (CNDDB) and information from the California Native Plant Society (CNPS)), including the addition of biological data to expand and improve the accuracy of the database and its usefulness to the public; b) Databases and mapping of sensitive biotic communities and habitats of limited distribution; c) Databases and mapping of oak woodlands and related sensitive biotic communities; d) Databases and mapping of riparian woodlands and related sensitive biotic communities; e) Databases and mapping of sloughs and tidal mudflats and related sensitive biotic communities.	As needed \$	CDPD	Ongoing updates: biological database is updated monthly from updates received from CNDDB (Fish & Game) as well as from project bio-surveys. Databases and mapping of sensitive biotic communities and habitats of limited distribution and others (b-e) are based on the ICE Vegetation layer and are updated automatically as the ICE veg-layer is updated, or periodically as new information is available. BDR chapters are periodically updated, as needed.

Action Items	Action	Timing/Priority & Cost	Responsible Party	Notes & Status
Action Item CON NR-6	The County shall adopt protocols to be followed, including a methodology for analyzing the need for buffers, and establish setbacks where discretionary projects are proposed on parcels that may contain sensitive biotic communities or habitats/communities of limited distribution or sensitive natural communities	A \$→\$\$\$	CDPD	The SWRCB and RWQCB are in the process of developing a methodology for stream-riparian and wetland buffers at this time.
Action Item CON NR-7	The County shall adopt a voluntary Oak Woodland Management Plan to identify and mitigate significant direct and indirect impacts to oak woodlands. Mitigation may be accomplished through a combination of the following measures: a) Conservation easement and land dedication for habitat preservation; b) Payment of in-lieu fees; c) Replacement planting of appropriate size, species, area, and ratio.	B \$	CDPD	A draft plan for Oak Woodland Management is underway.
Action Item CON WR-1	Develop basin-level watershed management plans for each of the three major watersheds in Napa County (Napa River, Putah Creek, and Suisun Creek). Support each basin-level plan with focused sub-basin (drainage-level) or evaluation area-level implementation strategies, specifically adapted and scaled to address identified water resource problems and restoration opportunities. Plan development and implementation shall utilize a flexible watershed approach to manage water resource quality and quantity. The watershed planning process should be an iterative, holistic, and collaborative approach, identifying specific drainage areas or watersheds, eliciting stakeholder involvement, and developing management actions supported by sound science that can be easily implemented.	B \$\$\$	CDPD	Efforts to initiate an IRWMP are currently underway by PW/Flood and CDPD. WS management plans will be developed through the framework of the IRWMP document for each of the three major watershed/basins.
Action Item CON WR-3	Update the Conservation Regulations to establish an appropriate protective buffer (e.g., a special protection zone) in areas that drain toward any intake structure associated with the County's sensitive domestic water supply drainages, requiring specific development and performance measures to protect water quality and balance property owners' ability to use their land and stipulating that discretionary projects must be located outside of the protective buffer wherever this is feasible.	A \$	CDPD	Planned for 2009
Action Item CON WR-4	Implement a countywide watershed monitoring program to assess the health of the County's watersheds and track the effectiveness of management activities and related restoration efforts. Information from the monitoring program should be used to inform the development of basin-level watershed management plans as well as focused sub-basin (drainage-level) implementation strategies intended to address targeted water resource problems and facilitate restoration opportunities. Overtime, the monitoring data will be used to develop overall watershed health indicators, and as a basis of employing adaptive watershed management planning.	B \$→\$\$\$	CDPD WICC	Program development currently underway supported by State grant funding. Program elements and data sources/gaps will be identified by June 2010. Limited fisheries monitoring is currently underway as a part of the RCD JPA. Additional WQ monitoring will be necessary in the coming years to comply with NPDES permit requirements. Current State grant funding freeze will likely impact program/schedule.
Action Item CON WR-5 (MM 4.13.3.1a)	Identify, map, and disseminate information on groundwater recharge areas, to the extent feasible, and provide educational materials and resource information on ways of reducing and limiting the development of non-pervious surfaces in those areas.	A \$→\$\$\$	PW FCWCD CDPD	Public Works has received a State grant for a groundwater study. A final scope of work is expected to be contracted in 2009.

Action Items	Action	Timing/Priority & Cost	Responsible Party	Notes & Status
Action Item CON WR-6 (MM 4.13.3.1a)	Establish and disseminate standards for well pump testing and reporting and include as a condition of discretionary projects that well owners provide to the County upon request information regarding the locations, depths, yields, drilling and well construction logs, soil data, water levels and general mineral quality of any new wells.	A \$→\$\$\$	DEM PW CDPD	Planned for 2009-10 completion as a part of CON WR-5 above
Action Item CON WR-7	The County, in cooperation with local municipalities and districts, shall perform surface water and groundwater resources studies and analyses, and work towards the development and implementation of an integrated water resources management plan (IRWMP) that covers the entirety of Napa County and addresses local and state water resource goals, including the identification of surface water protection and restoration projects, establishment of countywide groundwater management objectives and programs for the purpose of meeting those objectives, funding and implementation.	B \$\$\$	CDPD PW DEM FCWCD	An initial IRWMP scoping effort is currently underway and a draft funding agreement for all parties has been developed with approval expected in early 2009. Upon completion of this initial scoping effort, full IRWMP development will commence. Planned for 2010-11 completion.
Action Item CON WR-8 (MM 4.11.5a)	The County shall monitor groundwater and interrelated surface water resources, using County-owned monitoring wells and stream and precipitation gauges, data obtained from private property owners on a voluntary basis, data obtained via conditions of approval associated with discretionary projects, data from the State Department of Water Resources, other agencies and organizations. Monitoring data shall be used to determine baseline water quality conditions, track groundwater levels, and identify where problems may exist. Where there is a demonstrated need for additional management actions to address groundwater problems, the County shall work collaboratively with property owners and other stakeholders to prepare a plan for managing groundwater supplies pursuant to State Water Code Sections 10750-10755.4 or other applicable legal authorities.	Ongoing \$→\$\$\$	PW DEM CDPD	Public Works has received a State grant for a groundwater study. A final scope of work is expected to be contracted in 2009.
Action Item CON WR-9 (MM 4.11.5c)	The County shall adopt a Water-Efficient Landscape Ordinance for multi-family residential, industrial, and commercial developments regarding the use of water-efficient landscaping consistent with AB 325.	A \$	CDPD PW	Update of existing County Ord. (Sec. 18.118) planned for 2009
Action Item CON WR-9.5	The County shall work with the SWRCB, DWR, DPH, CalEPA, and applicable County and City agencies to seek and secure funding sources for the County to develop and expand its groundwater monitoring and assessment and undertake community-based planning efforts aimed at developing necessary management programs and enhancements.	Ongoing \$	CDPD CIA CEO	See CON WR-8 above.
Action Item CON CPSP-1	The County shall develop a greenhouse gas (GHG) emissions inventory measuring baseline levels of GHGs emitted by County operations through the use of electricity, natural gas, fossil fuels in fleet vehicles and County staff commute trips, and establish reduction targets.	Ongoing \$	PW	County has developed its baseline inventory and is preparing an action plan to provide for further GHG reductions.
Action Item CON CPSP-2 (MM 4.8.7a)	The County shall conduct a GHG emission inventory analysis of all major emission sources in the County by the end of 2008 in a manner consistent with Assembly Bill 32, and then seek reductions such that emissions are equivalent to year 1990 levels by the year 2020. Development of a reduction plan shall include consideration of a “green building” ordinance and other mechanisms that are shown to be effective at reducing emissions.	2008 \$\$\$	PW DEM CDPD	County is participating in effort by NCTPA to complete a community-wide inventory by Dec. 31, 2008. Reduction plan will be developed in 2009-2010.
Action Item CON CPSP-3	The County shall conduct an audit within the next five years of County facilities to evaluate energy use, the effectiveness of water conservation measures, production of GHGs, use of recycled and renewable products and indoor air quality to develop recommendations for performance improvement or mitigation. The County shall	A	PW	Audit has begun regarding the production of GHG as part of the inventory and action plan. Other audits will be included as part of

Action Items	Action	Timing/Priority & Cost	Responsible Party	Notes & Status
	update the audit periodically and review progress towards implementation of its recommendations.	\$		meeting Facilities Master Plan objectives and development of Facility Condition Index to monitor performance of County facilities. It is anticipated this will be completed in 2010-11 timeframe.
Action Item CON CPSP-4	The County shall map Napa County's biomass, wind, geothermal, solar photovoltaic, solar thermal, biofuel, landfill gas, and other potential renewable energy sources and partner with other organizations and industry to disseminate information about the potential for local energy generation.	B \$	PW CDPD DEM	Not yet programmed
Action Item CON CPSP-5	The County shall quantify increases in locally generated energy between 2000 and 2010, and establish annual numeric targets for local production of "clean" (i.e., minimal GHG production) energy by renewable sources, including solar, wind, biofuels, waste, and geothermal.	2010 \$	PW CDPD DEM	Planned for 2010
Action Item CON CPSP-6 (MM 4.8.5)	The County shall periodically review and update the County Code to be consistent with requirements of CARB and the BAAQMD.	Ongoing \$	PW CDPD DEM	Expected following CARB implementation of AB32 in 2009
Economic Development Element				
Action Item E-13.1	The County Board of Supervisors will be provided with periodic updates on the state of the County's economy, in order to more effectively utilize County resources to promote countywide economic health.	Ongoing \$→\$\$\$	WIB	Last report on June 3, 2008 by NVEDC
Recreation and Open Space Element				
Action Item ROS-1.1	In cooperation with other public agencies and, in particular with the Napa County Regional Park and Open Space District, maintain a comprehensive inventory of public lands, including their existing and potential resource and recreational values.	Ongoing \$	RPOSD	Next update planned for 2008-09 (last update in 2007)
Action Item ROS-1.2	Modify the Zoning Ordinance as necessary to reflect the policies included in this Element and provide the appropriate level of review of proposed improvements and activities.	A \$	CDPD RPOSD	Draft zoning amendment is underway and planned for Board consideration in 2009
Action Item ROS- 12.1 (MM 4.13.91b)	In partnership with the Napa County Regional Parks and Open Space District, establish numeric objectives for increased off-street trails and acreage of dedicated open space accessible to the public.	A \$	RPOSD PW CDPD	Numeric goals included in the RPOS District Master Plan adopted January 2009.
Action Item ROS-2.1	Support the Napa County Regional Park and Open Space District in developing, and updating at appropriate intervals, a new park and recreation master plan that identifies priorities, implementation strategies, and funding needs.	A \$→\$\$\$	RPOSD PW CDPD	RPOSD Master Plan for 2008-13 adopted January 2009.
Action Item ROS-2.2	Support sufficient and stable funding for the Napa County Regional Park and Open Space District.	Ongoing \$\$\$	RPOSD	Not yet programmed
Action Item ROS-2.3	Investigate and, where feasible, transfer the ownership and/or operation of existing County park facilities to the Napa County Regional Park and Open Space District.	Ongoing \$	PW RPOSD	Napa River Ecological Reserve management transferred to the RPOS District. Skyline Park transfer deferred until after it is possible to obtain fee title from the State. No current plan to

Action Items	Action	Timing/Priority & Cost	Responsible Party	Notes & Status
				transfer Cuttings Wharf.
Action Item ROS-2.4	Support the Napa County Regional Park and Open Space District in obtaining state, federal, and foundation grants, using methods such as preparing and adopting local plans and policies which may be required by various grant programs, and providing required local matching funds.	Ongoing \$→\$\$\$	RPOSD	A draft plan for Oak Woodland Management is underway. SFP used to provide local match for Moore Creek purchase, fund Oat Hill Mine Trail improvements, fund feasibility study for Camp Berryessa, and to continue work on Napa River and Bay Trail.
Safety Element				
Action Item SAF-2.1	Participate in local, regional, and state education programs regarding fire, flood, and geologic hazards.	B \$	CDPD PW FCWCD	An ongoing part of County and CDPD training programs.
Action Item SAF-8.1	The County's seismic fault maps shall be reviewed regularly to ensure that they reflect the latest information available.	B \$	CDPD PW	Map/database maintained as ongoing part of CDPD work program.
Action Item SAF-8.2	Updated maps should be made available to the public at County offices, on the County's Web site, and through other appropriate channels.	Ongoing \$	CDPD CalFire ITS EMS	Maps provided as an ongoing part of CDPD work program.
Action Item SAF-16.1	Develop site criteria and construction standards for development in high fire hazard areas, and adopt standards to restrict urbanizing these areas as defined in Policy AG/LU-27 unless adequate fire services are provided.	Ongoing \$	CDPD CalFire	Building and Fire Codes periodically updated in compliance with state law
Action Item SAF-16.2	Continue to implement "Napa Firewise" through information and education programs, community outreach, and fuel modification.	Ongoing \$	CalFire CDPD	Ongoing part of CDPD and CalFire work programs.
Action Item SAF-19.1	The County will work with CalFire to develop improved methods of fire planning and firefighting for use in Napa County.	A \$	CalFire EMS	Ongoing part of CDPD and CalFire work programs.
Action Item SAF-31.1 (MM 4.9.2)	The County shall require written confirmation from applicable local, regional, state, and federal agencies that known contaminated sites have been deemed remediated to a level appropriate for land uses proposed prior to the County approving site development or provide an approved remediation plan that demonstrates how contamination will be remediated prior to site occupancy. This documentation will specify the extent of development allowed on the remediated site as well as any special conditions and/or restrictions on future land uses.	Ongoing \$	DEM PW CDPD	Required by CDPD and DEM as a regular part of their review of development applications
Action Item SAF-38.1	Provide staffing and other resources as necessary to regularly update and implement the Napa Operational Area Hazard Mitigation Plan (NOAHMP). Consider new information regarding climate change and the expected severity and/or frequency of weather events in updates to the NOAHMP.	Ongoing \$→\$\$\$	EMS	An ongoing part of County programs, planned for update in 2009.

Abbreviations

A= short term (1-5 years)
B= longer term (5-10 years)
C=even longer term (10+ years)

CDPD = Conservation, Development & Planning Department
CIA = Division of Community & Intergovernmental Affairs
NCTPA =Napa County Transportation & Planning Agency
FCWCD=Flood Control & Water Conservation District
CC= County Counsel WIB= Workforce Investment Board
CalFire=Calif Dept of Forestry & Fire Protections

RPOSD=Reg. Parks & Open Space District
PW =Public Works Department
DEM =Department of Environmental Management
ITS=Information Technology Systems Department
WICC=Watershed Information Ctr/Conservancy

GIS=computerized mapping
GHG=green house gas

\$ - cost & level of effort is expected to be modest for the reasons stated
\$→\$\$\$ - cost & level of effort will depend on policy direction & available resources
\$\$\$ - cost & level of effort is expected to be substantial

A steel trap for Steelhead

New machine counts the fish on their way out of the valley

By MIKE TRELEVEN
Register Staff Writer

The shiny metal structure looks like a space capsule tipped on its side in the Napa River, but it is actually a tool to determine how many juvenile Steelhead and Chinook salmon are in the river.

The \$20,000 device, called a rotary screw trap, recently was purchased by the Napa County Resource Conservation District and placed in the river north of town.

RCD is using its newest tool to count how many young salmon and Steelhead are hatched here and then migrating downstream, a reliable way of measuring the quality of habitat and health of the river.

Before RCD acquired the trap, people would put on wet suits and snorkeling gear and do a visual count in the river.

RCD senior biologist Jonathan Koehler is fine-tuning the rotary screw trap. It was put in the river about a week ago, and will stay until late May or early June. The monitoring device will go back into the river to catch the next generation of salmon and Steelhead in March.

So far, no young Steelhead or salmon have been caught in the trap. Koehler said many young fish like to stay in the river to get as large as they can to avoid predators — so they leave for the ocean as late as possible in the spring.

“We (want) to capture (Steelhead and salmon) that are born here that are on their way to the ocean. This will give us a good estimate of how many the watershed is producing. We can’t control the conditions in the ocean, but we can control what is going on in the fresh-water habitat here,” Koehler said.

“We know there are salmon in the Napa River for the past 10 years. We think there are on average 600 to 1,000 returning adults yearly,” Koehler added.

Koehler said several Pacific lamprey have been caught in the screw trap so far. “It is a native fish species,” Koehler said. It’s good to have native species. The more species, the more diverse the community and that translates into a healthy watershed.”

How it works

The device works by facing the large end of a cone upriver, to catch fish coming in. The bottom half of the permeable cage is submerged in the river. As the capsule rotates in the river's current, the young fish are trapped and then swim into the "live box" at the small end of the cone.

Every day, someone checks the live box and counts how many young Steelhead and salmon are making their journey toward the ocean.

Last week, about a half dozen RCD workers and volunteers moved the floating device about 30 yards upriver from its first location to a spot where the current was stronger. It was no easy feat. Because of overgrown blackberry bushes and fallen tree limbs, machetes and tree saws were used to cut a swath in the narrowing waterway.

Figuring out where to put the screw trap is influenced by where there is the least amount of salt water influencing the fresh water portion of the river.

Koehler made a presentation on the new monitoring tool with the Wildlife Conservation Commission on Monday, noting that because of state budget shortfalls, RCD may need help with funding to monitor the trap. He estimated that the agency might need \$15,000 to \$20,000 per year.

"In a couple of years, we will have a good baseline number and will be able to look at trends," Koehler said. "And when a restoration project is done, we will be able to see a response. That is what is really useful."

Napa Valley Register Copyright © 2009

