



**NORTH MARIN
WATER DISTRICT**

**NORTH MARIN WATER DISTRICT
AGENDA - REGULAR MEETING
March 6, 2012 – 7:30 p.m.
District Headquarters
999 Rush Creek Place
Novato, California**

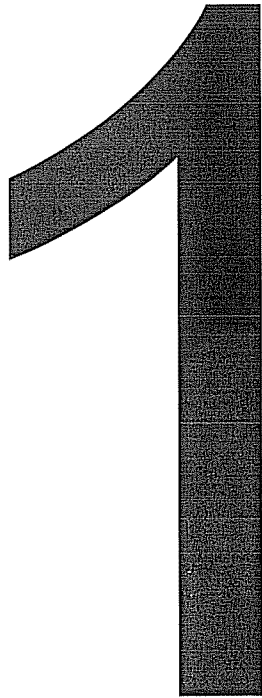
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Est. Time	Item	Subject
7:30 p.m.	CALL TO ORDER	
	1.	APPROVE MINUTES FROM REGULAR MEETING , February 21, 2012
	2.	GENERAL MANAGER'S REPORT
	3.	OPEN TIME: (Please observe a three-minute time limit)
		This section of the agenda is provided so that the public may express comments on any issues not listed on the agenda that are of interest to the public and within the jurisdiction of the North Marin Water District. When comments are made about matters not on the agenda, Board members can ask questions for clarification, respond to statements or questions from members of the public, refer a matter to staff, or direct staff to place a matter of business on a future agenda. The public may also express comments on agenda items at the time of Board consideration.
	4.	STAFF/DIRECTORS REPORTS
	5.	PUBLIC HEARING - PT. REYES WELL #3 REPLACEMENT PROJECT - CONSIDER ADOPTION OF MITIGATED NEGATIVE DECLARATION AND APPROVAL OF PROJECT <i>Resolution</i>
8:00 p.m.	INFORMATION ITEMS	
	6.	Update on Notice to Proceed for Disney Construction (Recycled Water South Phase 1b)
	7.	5-Year Financial Plan Review
	8.	Solar Project Update - Preliminary Construction Schedule
	9.	Service Connection Credit
	10.	NBWA Meeting - March 2, 2012
	11.	WAC/TAC Meeting - March 5, 2012
	12.	MISCELLANEOUS SCWA Press Release - Russian River Water Supply System Designated "Critical" Disbursements Letter from NBWA Re Sponsorship of NBWA Conference Tomales Bay Watershed Council Foundation Donation Acknowledgement Program from 89 th Annual Meeting - Marin County Farm Bureau ACWA's 2012-13 Outreach Task Force Appointed

All times are approximate and for reference only.
The Board of Directors may consider an item at a different time than set forth herein.

(Continued)

Est. Time	Item	Subject
		<u>News Articles:</u> Former Rohnert Park Councilman Smith to Challenge Zane for Supervisor Seat Jacobi to Challenge Carrillo for West County Supervisor's Seat PD Editorial: Fluoridate our water now Water cutbacks on the horizon West Marin Faces Possible Water Cuts Russian River Science Panel Created
9:00 p.m.	13.	<i>ADJOURNMENT</i>



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DRAFT
NORTH MARIN WATER DISTRICT
MINUTES OF REGULAR MEETING
OF THE BOARD OF DIRECTORS
February 21, 2012

6 **CALL TO ORDER**

7 President Petterle called the regular meeting of the Board of Directors of North Marin Water
8 District to order at 7:30 p.m. at the District headquarters and the agenda was accepted as
9 presented. Present were Directors Jack Baker, Rick Fraites, Dennis Rodoni and John Schoonover.
10 Also present were General Manager Chris DeGabriele, Secretary Renee Roberts and Auditor-
11 Controller David Bentley. Chief Engineer Drew McIntyre was absent.

12 George Clyde from West Marin Radio Station KWMR, Novato resident Harry Brophy and
13 District employees Robert Clark (Operations/Maintenance Superintendent), Doug Moore
14 (Construction/Maintenance Superintendent) and Pablo Ramudo (Water Quality Supervisor) were in
15 the audience.

16 **MINUTES**

17 On motion of Director Schoonover, seconded by Director Baker and unanimously carried the
18 Board approved the minutes from the previous meeting as presented.

19 **GENERAL MANAGER'S REPORT**

20 Chris DeGabriele informed the Board that Marin Municipal Water District General Manager,
21 Paul Helliker, has resigned. He said that the separation agreement with Marin Municipal states that
22 Mr. Helliker may continue as ACWA Region 1 Chair as well as Chair of the Bay Area Water Agency
23 Coalition and Chair of the Bay Area Integrated Regional Water Management Plan Coordinating
24 Committee. He advised that for Mr. Helliker to remain Chair of Region 1, he will need a resolution of
25 support from a Region 1 agency and that Mr. Helliker has asked if North Marin would be willing to do
26 that. Mr. DeGabriele asked the Board for guidance and to provide feedback to him over the next
27 week.

28 **OPEN TIME**

29 President Petterle asked if anyone in the audience wished to bring up an item not on the
30 agenda and the following item was discussed:

31 Novato resident Harry Brophy addressed the Board on the subject of water supply. He
32 expressed concern over proposed development in Novato and the impact such development would
33 have on water supply for current residents.

1 Director Baker suggested that Mr. Brophy put his questions and concerns in writing and staff
2 will respond.

3 **STAFF / DIRECTORS' REPORTS**

4 President Petterle asked if staff or Directors wished to bring up an item not on the agenda
5 and the following item was discussed:

6 Director Fraites asked for information on a water leak he observed on Canyon Road last
7 week. Doug Moore advised that the service line that serves the former Novato Community Hospital
8 site had a leak.

9 **MONTHLY PROGRESS REPORT**

10 Mr. DeGabriele provided the Monthly Progress Report for the month of January. He stated
11 that water production in Novato and West Marin has rebounded - about 1% over last year in Novato
12 and 4% below last year in West Marin. He said there was no production in either Stafford Treatment
13 Plant or the Recycled Water Facility in January. He noted that Stafford Lake is of concern with 471
14 MG in storage at the end of January, about 32% of its capacity and 85% based on January normal.
15 Mr. DeGabriele stated that in Oceana Marin both treatment and storage ponds have good
16 freeboards. He advised that under Safety and Liability, a lost time accident occurred in January
17 wherein the District mechanic injured his finger. He returned to work on February 9 and will be on
18 light duty until next week. Mr. DeGabriele reported that the Summary of Complaints and Service
19 Orders indicates that complaints are up 21% from a year ago mostly due to consumer system
20 problems or high bill complaints; however, high bill complaints are down 30% for the year through
21 January.

22 Mr. Bentley provided the investment report and stated that at the end of January, there was
23 \$11.4M in the bank, a decrease of \$1M from the end of December and the weighted average
24 portfolio rate was 0.45% for the month of January.

25 **ACTION CALENDAR**

26 **APPROVE: REQUEST TO SOLICIT FINANCIAL AUDIT PROPOSALS**

27 Mr. Bentley stated that the four-year contract with Charles Z. Fedak & Company to perform
28 the District's annual financial audit has ended, and it is time to solicit proposals for another four-year
29 contract. He said that staff proposes to mail out letters to CPA firms and will send out a more formal
30 request for proposal that will include last year's financial statements to those firms expressing
31 interest.

1 On motion of Director Schoonover, seconded by Director Rodoni and unanimously carried,
2 the Board authorized staff to solicit proposals to perform the District's annual audit for a four-year
3 period.

4 **APPROVE: RATE INCREASE NOTICE**

5 Mr. Bentley stated that the second of three authorized 11% water rate increases is due to go
6 into effect on June 1, 2012 and that to satisfy the California Government Code requirement, the
7 District must provide a 30-day notice of said increase to all affected customers. He said that a short
8 statement on the water bill is the most cost-effective way to achieve this. He pointed out that
9 customers can refer to the Water Cost Calculator on the District's website to determine the impact
10 the increase would have on their water bill.

11 Director Rodoni stated that he believed that at the public hearing in May 2011, the public
12 was informed that there would be an additional Board review prior to the enactment of the 11%
13 water rate increase. He said that he understands the reason why customers must be notified;
14 however, he believes that the amount of increase is subject to Board approval. Director Rodoni
15 stated that he didn't believe an 11% rate increase is a "done deal".

16 Director Baker stated that his recollection was that the 11% rate increase was approved for
17 three consecutive years.

18 Mr. Bentley stated that the Board did adopt 11% rate increases for three consecutive years
19 and is so stated in District regulations. He said that the Board has the authority to change that, and
20 that he would bring back the financial plan for further review if the Board so desires.

21 Director Rodoni pointed out that the SCWA charge to the District for purchased water is
22 2.5%, nearly 5% less than projected, giving the Board enough information to review and determine if
23 the 11% increase is appropriate. He asked if the proposed statement on the bill will leave the
24 District enough "wiggle room" if the amount of increase were to change.

25 Mr. DeGabriele reminded the Board that the Five-Year Financial Plan was reviewed at the
26 Board Planning Workshop in January and the conclusion was that the rate increases will keep the
27 District on track to meet its reserve target of 70% of operating expenses by 2017. He said that if the
28 District were not to implement the rate increase, then the target will have to be moved or the period
29 of time to achieve it be lengthen. Mr. DeGabriele stated that the District is obligated to notify
30 customers of the rate increase; it may create consternation from customers, but it is factual that the
31 Board adopted the series of increases.

1 Director Petterle stated that his recollection is that the increases were approved and that
2 there may have been an ancillary discussion that if something changes, the Board would not
3 consider itself locked into the 11% increase. He said that the topic should be reviewed at the next
4 meeting and that in the meantime, the Board should vote on the proposed notification language. He
5 suggested that next meeting's review should only include changes that would potentially affect the
6 rate increase, factors that would result in a reduction and what impact it would have on the District's
7 financial plan.

8 On motion of Director Fraites, seconded by Director Baker and unanimously carried, the
9 Board approved placing the proposed message on the water bill for Novato customers commencing
10 March 1, 2012.

11 Director Rodoni commented that it is the due diligence of the Board to review the rate
12 increase.

13 **AUTHORIZE: AFFIRMATIVE VOTE FOR SCWA FY 2012/13 BUDGET**

14 Mr. DeGabriele said that at the last meeting he provided a recap of the Water Advisory
15 Committee meeting held on February 6 and had let the Board know that he had expected the
16 District's water rate to come down from the figure shown in the SCWA's draft budget. He advised
17 that the rate did not come down; the cost of purchased water to the District next year is \$707.49 per
18 acre foot, up 2.5% from this year's wholesale water rate. He explained that the reason is because
19 the increase in SCWA deliveries through January were all attributable to Marin Municipal Water
20 District deliveries and their deliveries are not factored into the denominator of the rate calculation.
21 Mr. DeGabriele informed the Board that there will be a special WAC meeting on March 5 to consider
22 the SCWA budget; and because the information presented at the last meeting was misleading, he
23 wanted to recommend that the Board authorize the WAC representative (Director Rodoni) to vote for
24 the SCWA FY 2012/13 budget.

25 On motion of Director Baker, seconded by Director Schoonover and unanimously carried,
26 the Board authorized the WAC representative to vote affirmatively for the FY 2012/13 SCWA
27 budget.

28 **INFORMATION ITEMS**

29 **QUARTERLY PROGRESS REPORT – WATER QUALITY & QUARTERLY BACTERIOLOGICAL**
30 **QUALITY MONITORING REPORT**

31 Pablo Ramudo provided the Water Quality quarterly progress report and stated that water
32 served to the communities of Novato and Point Reyes met federal and state primary and secondary
33 water quality standards during the second quarter. He reported that Stafford Lake water was used
34 throughout the quarter and production ceased December 30, 2011. He noted that lake conditions

1 have been very different this year and that anoxic conditions in the bottom of the lake have resulted
2 in dissolved metals in the raw water. He explained that the water needed to be treated with chlorine
3 dioxide and additional chlorine to increase the oxidation rate in the mixing basin. Mr. Ramudo
4 further explained that using chlorine resulted in higher disinfection byproducts in the distribution
5 system. He said that the Solar Bee mixers and an air compressor were used to force oxygenated
6 water down to the bottom of the lake.

7 Director Fraites asked if the nutrients in Stafford Lake was caused by dairy runoff; and
8 further inquired if discussions with the Grossi Ranch have been held in regards to this issue.

9 Mr. Ramudo responded that all runoff adds nutrients to the lake, but the majority of nutrient
10 loading is likely caused by dairy runoff and that discussions with Mr. Grossi have occurred. He said
11 that the District has offered help to modify the way the manure is managed, and staff will ask Mr.
12 Grossi to change manure spreading practices in the grazing areas. He said that there has not been
13 a firm commitment yet.

14 Director Fraites stated that he would prefer to have a reduction in runoff rather than to treat
15 the lake water with chemicals. Mr. Ramudo concurred.

16 Mr. Ramudo reported that water quality in the Point Reyes System was good throughout the
17 quarter. He stated that salinity intrusion was a factor; however sodium levels dropped off in late
18 December. He reported that a distribution sample had disinfection byproducts above the maximum
19 contaminant level; the system is still in compliance because the disinfection byproducts rule holds
20 that compliance will be based on a running annual average. Mr. Ramudo advised that a pilot
21 treatment system to reduce disinfection byproducts has been installed at Inverness Park tanks and a
22 second system will be installed in Paradise Ranch Estates tank #2.

23 **URBAN AREA WATER COST COMPARISON**

24 Mr. Bentley provided the 2012 Urban Area Water Cost Comparison which shows that the
25 District ranks 12 out of 17 agencies. He noted that 14 of the 16 agencies have increased their rates
26 over the past year; and even with the 11% increase to District water rates on June 1, 2011, the
27 District's rates will remain below the median.

28 **PREPARING FOR DRY YEAR CONDITIONS**

29 Mr. DeGabriele advised that absent a "Miracle March", dry year conditions will exist on the
30 Russian River and Lagunitas Creek. He further advised that rainfall in the Lagunitas Creek
31 watershed is 10 inches below a dry year threshold - anything less than 28 inches on April 1 triggers
32 a dry year on Lagunitas Creek. He said that this means that summer flows in Lagunitas Creek will
33 be reduced by 25% - down to 6 cubic feet per second (cfs). Mr. DeGabriele informed the Board that

1 the District has never operated without the Giacomini Dam in place with flows that low. He stated
2 that he included in the Board packet the West Marin Water Shortage Contingency Plan that directs
3 the District, beginning April 1, to inform customers of a public hearing regarding water shortage
4 emergency and what contingency measures the Board may consider implementing. He advised that
5 from April 1 through June 30, the District is to request a 15% voluntary reduction from water use
6 from the prior normal year and from July 1 through November 1, the District is to request a 25%
7 mandatory reduction in water use from the prior normal year. Mr. DeGabriele stated that water
8 demand in West Marin has fallen by 20% compared to three years ago, which adds complexity to
9 define a normal year. He said that this will be a decision of the Board to determine diversions in
10 compliance with the Water Shortage Contingency Plan and agreements made with environmental
11 groups when the senior Giacomini water rights license was acquired.

12 Mr. DeGabriele informed the Board that as a fallback, the District can request Marin
13 Municipal to release water into Lagunitas Creek for redirection, but it is expensive. He said staff will
14 be reviewing this in the next couple of weeks and wanted to provide the Board with current
15 information. He stated that staff will know what the water supply conditions are by the April 2
16 meeting.

17 Mr. DeGabriele stated that dry conditions on the Russian River has been declared, and it is
18 good news because instream flows are reduced from a normal year requirements and that
19 preserves more water in Lake Mendocino and Lake Sonoma. He noted that at the end of last week,
20 approximately 62,000 acre feet were stored in Lake Mendocino and over 205,000 acre feet in Lake
21 Sonoma. He said that there should be enough water in Lake Mendocino this year to meet
22 requirements for instream flow and for later releases for the fishery. Mr. DeGabriele advised that
23 there is a good chance that the Russian River will go to a critically dry threshold; and if that's the
24 case, that means that instream flows in the Russian River could go down further. Conditions will be
25 reviewed again March 1.

26 Mr. DeGabriele said that Stafford Lake is very low and staff is considering staffing changes
27 to fully utilize labor as water production at Stafford Treatment Plant this summer will be reduced. He
28 advised that Mr. Clark is identifying labor shifts within the District but there is no conclusive plan at
29 this time.

30 Director Rodoni asked Mr. Bentley to provide the Board with the cost implications of
31 purchasing water from SCWA this summer.

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1 **PUBLIC POLICY FACILITATING COMMITTEE MEETING - FEBRUARY 9, 2012**

2 Mr. DeGabriele reported that he and Director Rodoni attended the Public Policy Facilitating
3 Committee meeting and materials that were distributed are included in the Board packet. He said
4 there was a thorough review of the Biological Opinion progress to date and that the National Marine
5 Fisheries Service representative, Bill Hearn, indicated that things are going well, but there is still
6 concern with the Corps of Engineers fulfilling their obligation to pay for habitat improvement in Dry
7 Creek. Mr. DeGabriele advised that he and Director Rodoni will meet with SCWA General Manager
8 and a Sonoma County Supervisor to discuss ways to persuade the Corps of Engineers to help fund
9 the project.

10 **STUDENTS AND TEACHERS RESTORING A WATERSHED (STRAW) AT STAFFORD LAKE**

11 Mr. Clark provided a quick update on the project at Stafford Lake. He reported that all
12 projects went well and he advised that the STRAW project has a new sponsor, Point Reyes Bird
13 Observatory, and has relocated to Sonoma County.

14 **MISCELLANEOUS**

15 The Board received the following miscellaneous information: Disbursements, and Draft
16 Agenda- Adaption Strategies and Information Needs in Response to Extreme Events.

17 The Board also received the following news articles: Marin Municipal Water District chief
18 Helliker resigns, but will stay on to ease transition, Sonoma County Water Agency Press Release-
19 Additional Federal Funding Secured for Russian River Biological Opinion Projects, George Grossi
20 commended by county, MALT head to retire after 28 years and Valerie Brown endorses Mark
21 Bramfitt in supervisorial race.

22 President Petterle adjourned the meeting at 8:26 p.m.

23 Submitted by

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27 Renee Roberts
28 District Secretary



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MEMORANDUM

TO: Board of Directors

March 2, 2012

FROM: Drew McIntyre, Chief Engineer 
Robert Clark, Operations and Maintenance Supervisor 

SUBJECT: Pt. Reyes Well #3 Replacement Project – Consider Adoption of Mitigated Negative Declaration and Approval of the Project

Z:\Folders by Job No\6000 jobs\6603.20\CEQA\6603.20 PR Well #3 Consider Adoption of MND BOD memo 3-12.doc

RECOMMENDED ACTION:

1. Hold a public hearing to receive comments on the project.
2. Approve the attached resolution certifying that the Mitigated Negative Declaration for the Pt. Reyes Well #3 Replacement Project has been completed in accordance with applicable law and regulations, and adopt the Mitigated Negative Declaration.
3. Approve the project including Mitigation Monitoring and Reporting Program.
4. Authorize staff to file the attached Notice of Determination with the Marin County Clerk.

FINANCIAL IMPACT:

\$2,151.50 (Dept. of Fish & Game fee for filing the Notice of Determination, includes County of Marin \$50 filing fee)

The District has performed an environmental review for the Pt. Reyes Well #3 Replacement Project as required by the California Environmental Quality Act. The Negative Declaration is attached and consists of the following:

1. Notice of Public Hearing and Intent to Adopt a Mitigated Negative Declaration of Environmental Impact for the Pt. Reyes Well #3 Replacement Project (Attachment A)
2. Mitigated Negative Declaration, Response to Public Comments, Mitigation Monitoring Program for the Pt. Reyes Well #3 Replacement Project (Attachment B)
3. Resolution Certifying Response to Comments Received on the Draft Negative Declaration for the Pt. Reyes Well #3 Replacement Project (Attachment C)
4. Notice of Determination (Attachment D)

BACKGROUND

The North Marin Water District's Pt. Reyes potable wells #2 and #3 are located on U.S. Coast Guard property at 100 Commodore Webster Dr. in Pt. Reyes Station. The site is west of Lagunitas Creek and is accessed via an unpaved access road that starts at the end of Commodore Webster Dr. The two existing wells at this site provide water that NMWD treats at its nearby Pt. Reyes Water Treatment Plant and distributes for use to the local community. Well

#3 is failing and needs to be immediately replaced to ensure that NMWD can continue to meet the community's potable water requirements for public health, safety and general welfare.

The proposed project encompasses construction of a replacement well that would be drilled and developed approximately 20 feet west of the failing Well #3. Once constructed, the replacement well would be of the same size and operating capacity of the existing Well #3. Once the replacement well is placed into production, existing Well #3 would be abandoned pursuant to State standards.

At the January 17, 2012 meeting, the Board received the Administrative Draft of the Initial Study for the Pt. Reyes Well #3 Replacement Project. The Draft Initial Study stated that the project would have environmental impacts that could be mitigated to less than significant by following certain mitigation measures. In all areas in which potential adverse impacts were identified, the Initial Study found that mitigation measures could be incorporated into the project design to mitigate potential adverse impacts to a less than significant level. On January 19, 2012, a Notice of Intent to file a Mitigated Negative Declaration was sent to the State Clearinghouse and County of Marin as shown on Attachment A for a 30-day public review period with a subsequent planned public hearing at the March 6, 2012 Board meeting. In addition, the Notice was placed in the *Pt. Reyes Light* on January 26, 2012 and mailed to five addresses for public outreach. Specific outreach was made to the County of Marin, Marin Conservation League, Tomales Bay Association, Environmental Action of Marin, Sierra Club, Salmon Protection and Watershed Network and Trout Unlimited. To date, two comments were received and incorporated with responses in the Mitigated Negative Declaration (Attachment B).

RECOMMENDATION

1. Hold a public hearing to receive comments on the project.
2. Approve the attached resolution (Attachment C) certifying that the Mitigated Negative Declaration for the Pt. Reyes Well #3 Replacement Project has been completed in accordance with applicable law and regulations, and adopt the Mitigated Negative Declaration.
3. Approve the project including Mitigation Monitoring and Reporting Program (Attachment B).
4. Authorize staff to file the attached Notice of Determination with the Marin County Clerk (Attachment D).

NOTICE OF PUBLIC HEARING AND INTENT TO ADOPT A MITIGATED NEGATIVE DECLARATION OF ENVIRONMENTAL IMPACT

PROJECT NAME: POINT REYES WELL NO. 3 REPLACEMENT PROJECT
PROJECT SPONSOR: NORTH MARIN WATER DISTRICT
LEAD AGENCY: NORTH MARIN WATER DISTRICT

SUMMARY: Notice is hereby given that the North Marin Water District Board of Directors will hold a public hearing to consider the Point Reyes Well No. 3 Replacement Project. The Board of Directors will consider the grant of the Mitigated Negative Declaration prior to considering approval of the project.

PROJECT LOCATION AND DESCRIPTION:

The North Marin Water District (NMWD) proposes to replace a failing water well (Well No. 3) at its Point Reyes Well Site. The project includes drilling a new well adjacent to the existing Well No. 3.

The North Marin Water District Point Reyes Potable Well Nos. 2 and 3 are located on U.S. Coast Guard Property at 101 Commodore Webster, Point Reyes Station, Marin County, California (APN: 119-240-73). The NAD coordinate location of the well is E 5900055.7, N 2219901.5. As shown on the attached figures, the Point Reyes well site is located on a grassy flat below residential units on the Coast Guard's Point Reyes Housing Unit. The site is west of Lagunitas Creek. There is an unpaved access road to the well site that starts at the end of Commodore Webster Drive

The project site is not a site on the "Cortese list" of hazardous sites nor sites enumerated under Section 65902.5 of the State Government Code.

PUBLIC REVIEW PERIOD: A Mitigated Negative Declaration of Environmental Impact has been prepared for the project pursuant to the requirements of the California Environmental Quality Act. The public review and comment period for the Mitigated Negative Declaration commences on January 26, 2012. Written comments will be accepted at the North Marin Water District mailing address (North Marin Water District, P.O. Box 146, Novato, CA 94948; attention: Drew McIntyre) until the close of the public review period, February 27, 2012 at 4:00 p.m. Comments by FAX will not be accepted.

The Mitigated Negative Declaration found that there would be significant or potentially significant environmental effects in the areas of air quality, biological resources, cultural resources, geology and soils, hydrology and water quality, utilities and service systems, and mandatory findings of significance. The Mitigated Negative Declaration includes mitigation measures that will reduce all significant or potentially significant impacts to a less than significant level.

Copies of the completed Mitigated Negative Declaration and documents referenced in the Mitigated Negative Declaration are available for review at, and may be obtained from, the North Marin Water District, 999 Rush Creek Place, Novato, CA 94948.

PUBLIC HEARING: The North Marin Water District Board of Directors will hold a public hearing to consider the grant of a Mitigated Negative Declaration for the project and approval of the project. The public hearing will be held at the District's offices (999 Rush Creek Place, Novato, CA 94948) on March 6, 2012 at 7:30 p.m. at which time any and all persons interested in this matter may appear and be heard.

If you challenge the decision of this project in court, you may be limited to raising only those issues you or someone else raised at the public hearing described in this notice, or in written correspondence delivered to the North Marin Water District at or prior to the public hearing. (Government Code Section 65009(b)(2)).

If you have any questions regarding the proposed project, or want to be notified of the decision, please contact Drew McIntyre, Chief Engineer, at (415) 897-4133.

Drew McIntyre
Chief Engineer, North Marin Water District

1/26/12
Date

North Marin Water District

Notice of Mitigated Negative Declaration for the Point Reyes Well No. 3 Replacement Project

Date: March 6, 2012
Responsible Agency: North Marin Water District
Project Title: Point Reyes Well No. 3 Replacement Project
Project Address: Pt. Reyes Station, California

This statement and attachments constitute the **Mitigated Negative Declaration** as adopted by the North Marin Water District Board of Directors for the Point Reyes Well No. 3 Replacement Project.

Proposed Project. The North Marin Water District (NMWD) proposes to replace a failing water well (Well No. 3) at its Point Reyes Well Site. The project includes drilling a new well adjacent to the existing Well No. 3.

Schedule. Drilling the well would take about three days, with the entire drilling process, including transport of materials and equipment to the site and off-hauling excavated soil and water and equipment, taking about two weeks. Allowing time for planning and unforeseen delays, the entire process can be completed within a 30-day period.

Environmental Study Prepared By: Leonard Charles and Associates.

Public Review. The Draft Mitigated Negative Declaration for the proposed project was circulated for public review from January 20, 2012 to February 21, 2012. During that time, NMWD received two comment letters (one from the California Coastal Commission and one from the Federated Indians of Graton Rancheria). Based on information contained in the Initial Study, the Coastal Commission determined that the project site contained plant species that meet the Commission's definition of a coastal wetland. While not disagreeing with conclusions contained in the Initial Study, the Commission's adopted guidelines require additional information about the wetland prior to approving a Coastal Development Permit. Consistent with the Commission's direction, this supplemental information will be provided as part of the District's application for a Coastal Development Permit. If the Commission determines that additional mitigation is warranted per their procedural guidelines, this mitigation will be included as a condition of the Coastal Development Permit.

The Federated Indians of Graton Rancheria requested additional subsurface exploration of the site to determine whether buried resources or human remains are present. Based on the cultural resources evaluation done for the project, there are no grounds to warrant such

additional subsurface explorations at this time. Mitigation measures have been incorporated into this Mitigated Negative Declaration to require work to stop if any cultural resources are encountered during project construction. No additional mitigation is required. The Tribe has indicated that it will seek formal consultation with the Coast Guard. If such consultation occurs and the Coast Guard concurs with the Federated Indians of Graton Rancheria that additional subsurface exploration should occur prior to project construction, then the District will have that work conducted.

Environmental Findings: An Initial Study has been prepared to assess the proposed project's potential effects on the environment and the significance of those effects. Based on the Initial Study and comments received during the review period on the Draft Initial Study, it has been determined that the proposed project would not have any significant effects on the environment, after mitigation. This conclusion is supported by the following findings:

- The proposed project would not have a significant effect on agriculture and forestry resources, hazards and hazardous materials, land use and planning, mineral resources, population and housing, public services, and recreation.
- The proposed project would have a less than significant effect on aesthetic resources, greenhouse gas emissions, noise, and transportation and traffic.
- Mitigation is required to address impacts to air quality, biological resources, cultural resources, geology and soils, hydrology and water quality, and utilities and service systems. A summary of the mitigation measures recommended in the Initial Study Checklist to minimize environmental impacts is presented below.

Air Quality

In order to reduce dust (PM10) emissions to less than significant amounts, the following mitigation measure shall be implemented.

Mitigation Measure AQ-1

In accordance with the BAAQMD CEQA Guidelines, the project shall implement the following standard actions (that are pertinent to this project) to control dust from escaping from the site:

- If construction occurs during the dry season, water all active construction areas at least twice daily;
- Cover all trucks hauling soil, sand, and other loose materials or require all trucks to maintain at least two feet of freeboard;
- If construction occurs during the dry season, pave, apply water three times daily, or apply (non-toxic) soil stabilizers on all unpaved access roads, parking areas and staging areas at construction sites;
- Sweep streets daily (with water sweepers) if visible soil material is carried onto adjacent public streets;

- Hydroseed or apply (non-toxic) soil stabilizers to inactive construction areas (previously graded areas inactive for ten days or more);
- If construction occurs during the dry season, enclose, cover, water twice daily or apply (non-toxic) soil binders to exposed stockpiles (dirt, sand, etc.);
- Limit traffic speeds on unpaved roads to 15 miles per hour (mph) in construction areas (and this is the posted speed limit on the Coast Guard property);
- Suspend excavation and grading activity when winds (instantaneous gusts) exceed 25 mph;
- Minimize idling time; and
- Maintain properly tuned equipment.

Biological Resources

To ensure that project construction does not adversely affect Lagunitas Creek or offsite biological habitats, Mitigation Measure GS-1 (described below) shall be implemented.

Cultural Resources

To ensure that any currently unidentified cultural resources and human remains are adequately protected, the following mitigations are required.

Mitigation Measure CR-1

- If cultural resources are encountered during project construction, avoid altering the materials and their context until a cultural resources consultant has evaluated the situation.
- If applicable, a qualified archaeologist shall monitor subsequent excavations and spoils in the vicinity of the find for additional archaeological resources.
- If the archaeologist determines the discoveries are of importance, the resources shall be properly recovered and curated. The archaeologist shall prepare a summary outlining the methods followed and summarizing the results of the mitigation program. The report shall outline the methods followed, list and describe the resources recovered, map their exact locations and depths, and include other pertinent information. Identified cultural resources shall be recorded on DPR 523(A-J) historic recordation forms. NMWD shall submit the report to the Northwest Information Center and the California State Historic Preservation Officer.

Mitigation Measure CR-2

In the event that human remains are encountered, the contractor shall stop work in the area and NMWD shall contact the Marin County Coroner in accordance with Section 7050.5 of the State Health and Safety Code.

Geology and Soils

To ensure the project does not cause sedimentation of areas off the site and Lagunitas Creek, the following mitigation measure shall be implemented.

Mitigation Measure GS-1

The project shall avoid causing soil erosion. Any disturbed areas would be reseeded as soon as the construction is completed. Any ruts or holes shall be returned to the pre-construction topography. The project shall avoid allowing materials removed from the boring to leave the work area. In addition to the District's proposed methods for controlling silty water, a silt fence shall be installed along the downhill side of the work area and maintained until the area is revegetated.

Hydrology and Water Quality

To ensure that the project does not adversely affect water quality in Lagunitas Creek, Mitigation Measure GS-1 shall be implemented.

Utilities and Service Systems

To ensure drilling the replacement well does not cause significant effects, the four mitigation measures listed above shall be implemented.

Public Hearing: The Mitigated Negative Declaration will be considered for adoption at the March 6, 2012 meeting of the North Marin Water District's Board of Directors at which time the Board will obtain public comment on the proposed Mitigated Negative Declaration.

Sincerely,



Drew McIntyre
Chief Engineer



EDMUND G. BROWN JR.
GOVERNOR

STATE OF CALIFORNIA
GOVERNOR'S OFFICE of PLANNING AND RESEARCH



KEN ALEX
DIRECTOR

February 22, 2012

Drew McIntyre
North Marin Water District
PO Box 146
Novato, CA 94948

Subject: Point Reyes Well No. 3 Replacement Project
SCH#: 2012012042

Dear Drew McIntyre:

The State Clearinghouse submitted the above named Mitigated Negative Declaration to selected state agencies for review. On the enclosed Document Details Report please note that the Clearinghouse has listed the state agencies that reviewed your document. The review period closed on February 21, 2012, and the comments from the responding agency (ies) is (are) enclosed. If this comment package is not in order, please notify the State Clearinghouse immediately. Please refer to the project's ten-digit State Clearinghouse number in future correspondence so that we may respond promptly.

Please note that Section 21104(c) of the California Public Resources Code states that:

"A responsible or other public agency shall only make substantive comments regarding those activities involved in a project which are within an area of expertise of the agency or which are required to be carried out or approved by the agency. Those comments shall be supported by specific documentation."

These comments are forwarded for use in preparing your final environmental document. Should you need more information or clarification of the enclosed comments, we recommend that you contact the commenting agency directly.

This letter acknowledges that you have complied with the State Clearinghouse review requirements for draft environmental documents, pursuant to the California Environmental Quality Act. Please contact the State Clearinghouse at (916) 445-0613 if you have any questions regarding the environmental review process.

Sincerely,

Scott Morgan
Director, State Clearinghouse

Enclosures

cc: Resources Agency

**Document Details Report
State Clearinghouse Data Base**

SCH# 2012012042
Project Title Point Reyes Well No. 3 Replacement Project
Lead Agency North Marin Water District

Type MND Mitigated Negative Declaration
Description The North Marin Water District (NMWD) proposes to replace a falling water well (Well No. 3) at its Point Reyes Well Site. The project includes drilling a new well adjacent to the existing Well No. 3.

Lead Agency Contact

Name Drew McIntyre
Agency North Marin Water District
Phone (415) 897-4133 **Fax**
email
Address PO Box 146
City Novato **State** CA **Zip** 94948

Project Location

County Marin
City
Region
Lat / Long 38° 4' 9" N / 122° 47' 54" W
Cross Streets off of Commodore Webster Drive
Parcel No. 119-240-73
Township **Range** **Section** **Base**

Proximity to:

Highways Hwy 1
Airports
Railways
Waterways Lagunitas Creek
Schools West Marin ES
Land Use Coast Guard-owned property

Project Issues Aesthetic/Visual; Agricultural Land; Air Quality; Archaeologic-Historic; Biological Resources; Coastal Zone; Drainage/Absorption; Flood Plain/Flooding; Forest Land/Fire Hazard; Geologic/Seismic; Minerals; Noise; Population/Housing Balance; Public Services; Recreation/Parks; Schools/Universities; Septic System; Soil Erosion/Compaction/Grading; Solid Waste; Toxic/Hazardous; Traffic/Circulation; Vegetation; Water Quality; Wetland/Riparian; Growth Inducing; Landuse; Cumulative Effects

Reviewing Agencies Resources Agency; California Coastal Commission; Department of Fish and Game, Region 3; Office of Historic Preservation; Department of Parks and Recreation; Department of Water Resources; California Highway Patrol; Caltrans, District 4; CA Department of Public Health; Regional Water Quality Control Board, Region 2; Native American Heritage Commission

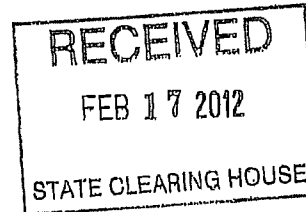
Date Received 01/20/2012 **Start of Review** 01/20/2012 **End of Review** 02/21/2012

CALIFORNIA COASTAL COMMISSION

CENTRAL COAST DISTRICT OFFICE
 725 FRONT STREET, SUITE 300
 SANTA CRUZ, CA 96060
 PHONE: (831) 427-4863
 FAX: (831) 427-4877
 WEB: WWW.COASTAL.CA.GOV



*2/15/12
 Clear*



February 15, 2012

Drew McIntyre, Chief Engineer
 North Marin Water District
 999 Rush-Creek Place
 P.O. Box 146
 Novato, CA 94948-0146

Subject: Mitigated Negative Declaration for the Point Reyes Well No. 3 Replacement Project (SCH 2012012042)

Dear Mr. McIntyre:

Thank you for the opportunity to comment on the above referenced document. The project involves the replacement of a failing well (Well No. 3) at the North Marin Water District's Point Reyes Well Site by drilling a new well adjacent to the existing Well No. 3. We have the following comments on the mitigated negative declaration:

Biological Resources: Regarding the delineation of wetlands, the California Coastal Commission requires that an area need only positive indicators for one of the three technical criteria (hydrology, soil, or vegetation) to be delineated as a wetland, compared to the requirement by the U.S. Army Corps of Engineers that all three indicators be present in order to delineate an area as a wetland. The vegetation reported at the site is comprised almost entirely of wetland indicator species and the area is, presumptively, a wetland under California Coastal Commission wetland delineation standards. If the District wishes to rebut the presumption that the project site area is a wetland, more field work will be necessary. Any additional field work should be based on the Regional Supplement for the Arid West. Copies of the original field data sheets should be provided to Commission staff for our staff biologist's review, and all plant species present within the sample areas should be reported. Sampling in nearby areas with upland vegetation and in areas of clear wetlands shortly after significant rainfall would be useful. If you have any questions about any of the above, please contact our biologist, Dr. John Dixon, at 707-445-5351 or at jdixon@coastal.ca.gov.

Well Characteristics: The proposed project description states that Well No. 3 is failing and needs to be immediately replaced to ensure that the District can meet the community's water requirements. In what way is Well No. 3 failing? Is it running dry or is there a structural reason for the failure? Has Well No. 3 failed completely at this time or is it still functioning in a reduced capacity? The project description states that the proposed new well will be 60 feet deep. Is this comparable to the depth of failing Well No. 3? Will the proposed well draw from the same water source as Well No. 3? Finally, the initial study concludes that the proposed well will be operated at Well No. 3's historical pumping rate, prior to its failure. What is this pumping rate?

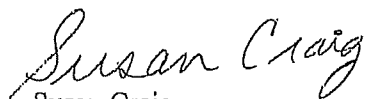


California Coastal Commission

Drew McIntyre
Point Reyes Well No. 3 Replacement Project
Page 2

Thank you for the ability to comment on the Mitigated Negative Declaration for the proposed well replacement project. Please do not hesitate to call me at (831) 427-4863 or email me at scraig@coastal.ca.gov if you have any questions.

Sincerely,



Susan Craig
Supervising Coastal Planner
Central Coast District Office

c: State Clearinghouse



Response to Comments on the Draft Mitigated Negative Declaration for the

Point Reyes Well No. 3 Replacement Project

March 2012

**Prepared for: North Marin Water District
P.O. Box 146
Novato, California 94948**

**Prepared by: Leonard Charles and Associates
7 Roble Court
San Anselmo, California 94960
415-454-4575**

NMWD received two comment letters on the Draft Mitigated Negative Declaration for the Point Reyes Well No. 2 Replacement Project. One was from the California Coastal Commission and the second was from the Federated Indians of Graton Rancheria. These letters are included below. Responses to the letters are also shown below.

Susan Craig, California Coastal Commission

Biological Resources. Based on information included in the Initial Study, the Coastal Commission has determined that the project site meets the definition of a coastal wetland as that is defined by the Coastal Commission. The District will not attempt to rebut this presumption. The following discusses how potential impacts to this resource are addressed in the Initial Study.

The Initial Study addresses wetlands in two items under Biological Resources. For Initial Study Checklist Item "c" (*Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?*), the Initial Study concluded that the project site is not a wetland as defined by Section 404 of the Clean Water Act, because it does not meet the characteristics needed to be defined as a wetland under federal guidelines. Per the Clean Water Act, a wetland must have specific hydrologic, soil, and vegetative conditions. The project site does not have the requisite hydrologic or soil conditions. Therefore, as the Initial Study states, there would be no impact to wetlands as defined by the federal government.

Checklist Item "b" (*Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or US Fish and Wildlife Service?*) was determined to be potentially significant, but by implementing the recommended mitigation the impact would be less than significant. No information has been submitted that would require revision of this conclusion. It is recognized in the Initial Study that the site might be considered wetland under the Coastal Commission's definition. However, even if the site were defined as wetland, the installation of the new wellhead cover resulting in the loss of about 24 square feet of land containing facultative species (species that can be indicative of a wetland) of grasses and herbaceous plants, but otherwise not containing any wetland characteristics or functions, and in an area previously disturbed and already developed as a well field was considered a less than significant impact under CEQA significance criteria. No evidence has been submitted that would counter this conclusion.

However, it is recognized that the Coastal Commission has stated that the loss of any amount of land containing these facultative species triggers further review under the Coastal Commission's *Procedural Guidance for the Review of Wetland Projects in California's Coastal Zone Chapter 3 Protection and Management of Wetlands in the California Coastal Zone: A Review of Relevant Agencies and Processes* (hereafter Chapter 3). Because the Coastal Commission is a Responsible Agency for this project, data consistent with the requirements set forth in Chapter 3 shall be compiled and submitted to the Coastal Commission with the required Coastal Development Permit (CDP) application. This information (as outlined in Appendix C of the cited Chapter 3) will include additional discussion of the characteristics of the project site, a summary of

impacts to the site resources (as described in the Initial Study); an analysis of feasible alternatives; and a mitigation plan. If after reviewing that data, the Coastal Commission deems that the project would result in the loss of wetland habitat or value and that additional mitigation is required, then that requirement would be added to the mitigations that have been adopted as part of the Final Mitigated Negative Declaration and become a condition of the Coastal Development Permit.

Coastal Commission staff has confirmed that this additional documentation can be compiled after the District has adopted the Final Mitigated Negative Declaration for the project, and can be submitted as part of the CDP application (Susan Craig, personal communication 2/28/12).

The Initial Study preparers are currently working with Coastal Commission staff to finalize the scope of the work that is required given that the project fits the definition of an "approved project" under the Commission's guidelines (i.e., a type of project that can be approved in a coastal wetland if appropriate mitigations are included).

Well Characteristics

The existing 12-inch steel casing has rusted away, and the well has collapsed. The collapse is due to a structural failing of the casing. This failure means that Well No. 3 is no longer functional. The new well will be located in the immediate vicinity of the failed well and will draw water from the same source. The historical pumping rate of approximately 300 gallons per minute will remain unchanged.

Nick Tipon, Federated Indians of Graton Rancheria

The Federated Indians of Graton Rancheria were contacted about the proposed project. They reviewed the cultural resources study that was prepared for the Initial Study. They have concluded that additional subsurface evaluation is needed because there may be buried resources. The cultural resources study concluded that such resources are unlikely, but included standard mitigations in the case that such resources were uncovered during well drilling and installation. The preparers of the cultural resources study do not believe a Phase Two study is warranted.

The Tribe indicates that it will consult with the Coast Guard about the project. If that consultation occurs and the Coast Guard concurs with the Tribe that additional subsurface investigation should be done prior to well drilling, then that condition would be required by the Coast Guard. This would entail using a backhoe to excavate the area where the wellhead would be placed as well as any other area where trenching or intrusion below ground would be done.

**Mitigation Monitoring and Reporting Program for the Point Reyes Well No. 3
Replacement Project**

The following Mitigation Monitoring and Reporting Program for the Point Reyes Well No. 3 Replacement Project describes the potentially significant impacts for which mitigation measures are recommended in the Mitigated Negative Declaration adopted by the North Marin Water District (NMWD) on March 6, 2012.

In the absence of an adopted NMWD mitigation monitoring ordinance or program, a project-specific monitoring program is described below to ensure that those mitigation measures from the Mitigated Negative Declaration which have been incorporated into the final project are implemented. Implementation of most of the mitigation measures could be effectively monitored through NMWD's normal plan check and field inspection procedures. However, to satisfy AB 3180, a documented record of implementation will be necessary. NMWD shall prepare a report or checklist that confirms compliance with and implementation of all recommended mitigation measures.

The following describes the monitoring responsibilities for each potentially significant impact for which mitigations were recommended and incorporated into the final project.

Air Quality

Mitigation Measure AQ-1

In accordance with the BAAQMD CEQA Guidelines, the project shall implement the following standard actions (that are pertinent to this project) to control dust from escaping from the site:

- If construction occurs during the dry season, water all active construction areas at least twice daily;
- Cover all trucks hauling soil, sand, and other loose materials or require all trucks to maintain at least two feet of freeboard;
- If construction occurs during the dry season, pave, apply water three times daily, or apply (non-toxic) soil stabilizers on all unpaved access roads, parking areas and staging areas at construction sites;
- Sweep streets daily (with water sweepers) if visible soil material is carried onto adjacent public streets;
- Hydroseed or apply (non-toxic) soil stabilizers to inactive construction areas (previously graded areas inactive for ten days or more);
- If construction occurs during the dry season, enclose, cover, water twice daily or apply (non-toxic) soil binders to exposed stockpiles (dirt, sand, etc.);
- Limit traffic speeds on unpaved roads to 15 miles per hour (mph) in construction areas (and this is the posted speed limit on the Coast Guard property);
- Suspend excavation and grading activity when winds (instantaneous gusts) exceed 25 mph;
- Minimize idling time; and
- Maintain properly tuned equipment.

Mitigation Monitoring and Reporting

The mitigation measures shall be implemented throughout the construction phase. NMWD shall include the requirements in the construction contract. The contractor shall be responsible for implementation.

Mitigation Measure CR-1

- If cultural resources are encountered during project construction, avoid altering the materials and their context until a cultural resources consultant has evaluated the situation.
- If applicable, a qualified archaeologist shall monitor subsequent excavations and spoils in the vicinity of the find for additional archaeological resources.
- If the archaeologist determines the discoveries are of importance, the resources shall be properly recovered and curated. The archaeologist shall prepare a summary outlining the methods followed and summarizing the results of the mitigation program. The report shall outline the methods followed, list and describe the resources recovered, map their exact locations and depths, and include other pertinent information. Identified cultural resources shall be recorded on DPR 523(A-J) historic recordation forms. NMWD shall submit the report to the Northwest Information Center and the California State Historic Preservation Officer.

Mitigation Monitoring and Reporting

The mitigation will be implemented whenever warranted throughout the construction phase. The contractor will be responsible for determining the presence of the initial cultural resource find. NMWD will be responsible for engaging the cultural resource specialist. The cultural resource specialist shall be responsible for properly reporting and recording the find(s).

Mitigation Measure CR-2

This mitigation incorporates the requirement established in Mitigation Measure CR-1 and adds the requirements that in the event that human remains are encountered, the contractor shall stop work in the area and NMWD shall contact the Marin County Coroner in accordance with Section 7050.5 of the State Health and Safety Code.

Mitigation Monitoring and Reporting

The mitigation will be implemented whenever warranted throughout the construction phase. The contractor will be responsible for determining the presence of human remains. NMWD will be responsible for contacting the County Coroner.

Mitigation Measure GS-1

The project shall avoid causing soil erosion. Any disturbed areas would be reseeded as soon as the construction is completed. Any ruts or holes shall be returned to the pre-construction topography. The project shall avoid allowing materials removed from the boring to leave the work area. In addition to the District's proposed methods for controlling silty water, a silt fence shall be installed along the downhill side of the work area and maintained until the area is revegetated.

Mitigation Monitoring and Reporting

NMWD shall include these conditions in the construction contract. The contractor shall be responsible for compliance with these conditions. NMWD shall be responsible for determining final compliance.

Biological Resources, Hydrology and Water Quality, and Utilities and Service Systems

Mitigation Measure GS-1 also applies to water quality-related impacts for these resources. It will be implemented and monitored as described above.

RESOLUTION NO. 12-

RESOLUTION OF THE BOARD OF DIRECTORS OF THE NORTH MARIN WATER DISTRICT
AUTHORIZING THE ADOPTION OF A MITIGATED NEGATIVE DECLARATION FOR THE PT.
REYES WELL #3 REPLACEMENT PROJECT, MAKING FINDINGS PURSUANT TO THE
CALIFORNIA ENVIRONMENTAL QUALITY ACT, AND DIRECTING THE FILING OF A
NOTICE OF DETERMINATION

WHEREAS, the North Marin Water District prepared an Initial Study and Mitigated Negative Declaration regarding the proposed Pt. Reyes Well #3 Replacement Project (SCH# 2012012042); and

WHEREAS, a Notice of Intent to Adopt a Mitigated Negative Declaration of Environmental Impact was prepared and was directly mailed on January 19, 2012 to interested and potentially affected parties and was posted in newspapers of general circulation in the potentially affected area; and

WHEREAS, said notice provided a public review period for the proposed Mitigated Negative Declaration, concluding on February 26, 2012 and established the date of March 6, 2012 at 7:30 p.m. at the District's office at 999 Rush Creek Place, Novato, California, for a public hearing regarding the proposed Mitigated Negative Declaration; and

WHEREAS, all written comments received prior to and including February 26, 2012, and written responses thereto, have been received and reviewed by the Board of Directors, and all subsequent comments made or received on or prior to March 6, 2012, including comments made or received at the public hearing, and any staff responses thereto, have been received and reviewed by the Board of North Marin Water District;

NOW THEREFORE BE IT RESOLVED that the Board of Directors of North Marin Water District hereby finds determines and declares and orders as follows:

1. The foregoing recitations are true and correct.
2. The Board hereby finds and determines, on the basis of the administrative record, including the Initial Study, proposed Mitigated Negative Declaration, all comments received, and all responses to comments: (1) that there is no substantial evidence that the proposed project as described in the Mitigated Negative Declaration will have a significant effect on the environment; (2) that all potentially significant adverse environmental effects of the proposed project have been reduced to "less than significant" by the mitigation measures included in the Mitigated Negative Declaration; and (3) that the proposed Mitigated Negative Declaration, represents and reflects the independent analysis and judgment of the North Marin Water District.

BE IT FURTHER RESOLVED by the Board of Directors of North Marin Water District that the Board hereby:

1. Adopts the Mitigated Negative Declaration for the proposed Pt. Reyes Well #3 Replacement Project.

2. Adopts, and hereby authorizes and directs the General Manager to take all steps necessary to implement the program for reporting on and monitoring the mitigation measures identified in the Mitigated Negative Declaration.
3. Approves the Pt. Reyes Well #3 Replacement Project and authorizes and directs the General Manager to take all necessary steps to implement said project.

BE IT FURTHER RESOLVED THAT:

1. The General Manager is authorized and directed to maintain and serve as custodian of the record of these proceedings, including but not limited to the Initial Study and Mitigated Negative Declaration, all comments received, all responses to comments, and this resolution, on file at the District headquarters located at 999 Rush Creek Place, Novato, CA.
2. The General Manager, or his designee, is authorized and directed to sign the Mitigated Negative Declaration and the Notice of Determination and file the Notice with the County Clerk.

* * *

I hereby certify that the foregoing is a true and complete copy of a resolution duly and regularly adopted by the Board of Directors of NORTH MARIN WATER DISTRICT at a regular meeting of said Board held on the 6th day of March, 2012 by the following vote:

AYES:
NOES:
ABSENT:
ABSTAINED:

Renee Roberts, Secretary
North Marin Water District

(SEAL)

Notice of Determination

Appendix D

To:
Office of Planning and Research
U.S. Mail: P.O. Box 3044
Sacramento, CA 95812-3044
Street Address: 1400 Tenth St., Rm 113
Sacramento, CA 95814

County Clerk
County of: Marin
Address: 3501 Civic Center Dr. #234
San Rafael, CA 94903

From:
Public Agency: North Marin Water District
Address: P.O. Box 146
Novato, CA 94948
Contact: Drew McIntyre
Phone: 415.897,4133

Lead Agency (if different from above):
Address:
Contact:
Phone:

SUBJECT: Filing of Notice of Determination in compliance with Section 21108 or 21152 of the Public Resources Code.

State Clearinghouse Number (if submitted to State Clearinghouse): 2012012042

Project Title: Point Reyes Well No. 3 Replacement Project

Project Applicant: North Marin Water District

Project Location (include county): Point Reyes Station, Marin County

Project Description:
The North Marin Water District will replace an existing failing water well at its Point Reyes Well Site.

This is to advise that the North Marin Water District has approved the above (Lead Agency or Responsible Agency)

described project on March 6, 2012 and has made the following determinations regarding the above described project.

- 1. The project will have a significant effect on the environment.
2. An Environmental Impact Report was prepared for this project pursuant to the provisions of CEQA. A Negative Declaration was prepared for this project pursuant to the provisions of CEQA.
3. Mitigation measures were made a condition of the approval of the project.
4. A mitigation reporting or monitoring plan was adopted for this project.
5. A statement of Overriding Considerations was adopted for this project.
6. Findings were made pursuant to the provisions of CEQA.

This is to certify that the final EIR with comments and responses and record of project approval, or the negative Declaration, is available to the General Public at:
999 Rush Creek Road, Novato CA 94948

Signature (Public Agency): Title: Chief Engineer

Date: March 6, 2012 Date Received for filing at OPR:



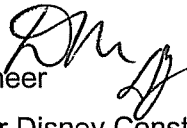
6

MEMORANDUM

To: Board of Directors

March 2, 2012

From: Drew McIntyre, Chief Engineer
David Jackson, Associate Engineer



Subject: Update on Notice to Proceed for Disney Construction (Recycled Water South – Phase 1b)

R:\Folders by Job No\6000 jobs\6056\Board Memos\6056 Ph 1b Update Disney Contract Status BOD Memo 3-2-12.doc

RECOMMENDED ACTION: Information only

FINANCIAL IMPACT: None

Background

At the February 7, 2012 meeting, the Board approved award of the Recycled Water South Service Area Phase 1b project to Disney Construction. Staff advised the Board that State Revolving Fund (SRF) loan approval was still outstanding. District staff have supplied all requested documents to the State Water Resources Control Board (SWRCB) in advance of obtaining loan approval (aka Facilities Plan Approval and Preliminary Funding Commitment). At the time of the February 7 meeting, staff estimated that SRF loan approval would be received on or before March 7 and recommended moving forward with the project. The Board expressed concern about issuing Notice to Proceed in advance of obtaining formal SRF loan approval. After an ensuing discussion, it was agreed that a Notice to Proceed (NTP) would not be issued prior to SRF loan approval without notifying the Board first.

Current SRF Loan Status

Staff continues to be in frequent contact with SRF representatives related to final Recycled Water South Service Area SRF loan approval. Based upon communication received Thursday, March 1, 2012, District staff was advised there was a possibility that formal notification could be received within a matter of days. The following milestone schedule has been prepared to help identify key dates through construction of the Phase 1b project culminating with project completion on or before September 30, 2012 in compliance with American Recovery and Reinvestment Act (ARRA) grant requirements.


The schedule confirms that NTP issuance after SRF loan approval is still feasible and remains the preferred course of action. As indicated earlier, should conditions change the Board will be notified in advance of NTP issuance and prior to SRF loan approval.

*RW – SOUTH PHASE 1b PROJECT
 MILESTONE SCHEDULE*

ACTIVITY	DATE	ACTUAL (A) SCHEDULED (S)
Board approves construction contract with Disney Construction	February 7, 2012	A
Disney Construction signs agreement and submits necessary insurance certificates	February 22, 2012	A
Executed agreement sent to Disney Construction	March 1, 2012	A
Expected SRF loan approval on or before	March 7, 2012	S
NMWD issuance of Notice to Proceed on or before	March 7, 2012	S
Tentative Project substantial completion date based on Disney Construction's preliminary construction schedule	July 9, 2012	S
Contractual Project substantial completion date based on issuance of Notice to Proceed date of March 7, 2012	October 3, 2012	S

7

MEMORANDUM

To: Board of Directors
From: David L. Bentley, Auditor-Controller 
Subj: 5-Year Financial Plan Review
t:\aclword\cashflow\12\review 030212.docx

March 2, 2012

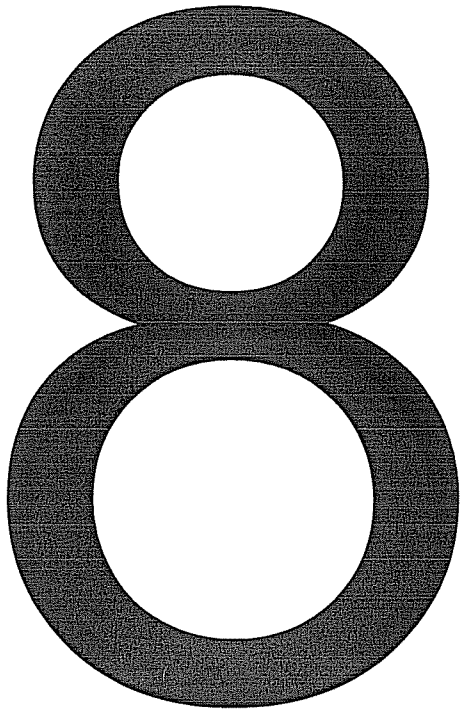
RECOMMENDED ACTION: Information

FINANCIAL IMPACT: None

At the February 21 meeting Director Rodoni requested that a review of the financial plan be conducted to assess the impact of the SCWA proposal to increase North Marin's water cost by 2.5% next fiscal year. The 2.5% increase is significantly less than the 7% projected by District staff in January. The financial plan dashboard will be presented at the meeting. It shows that the savings resulting from the lower than anticipated water cost increase will be more than offset by:

1. The purchase of additional Russian River water to compensate for the low water level at Stafford Lake; and,
2. A FY13 cash payment to SCWA ranging from \$950,000 to \$1,250,000 for replacement of the Mirabel Fish Screen and construction of a new Water Education building¹.

¹ This cash payment to SCWA, an option for NMWD under the terms of the Restructured Agreement for Water Supply, reduces NMWD's FY13 water cost by 1.4% and saves the District 30 annual payments of \$58,453.



MEMORANDUM

To: Board of Directors

March 2, 2012

From: David L. Bentley, Auditor-Controller

Subj: Solar Project Update - Preliminary Construction Schedule

t:\ac\word\stp solar proj\preliminary constr schedule.docx

RECOMMENDED ACTION: None

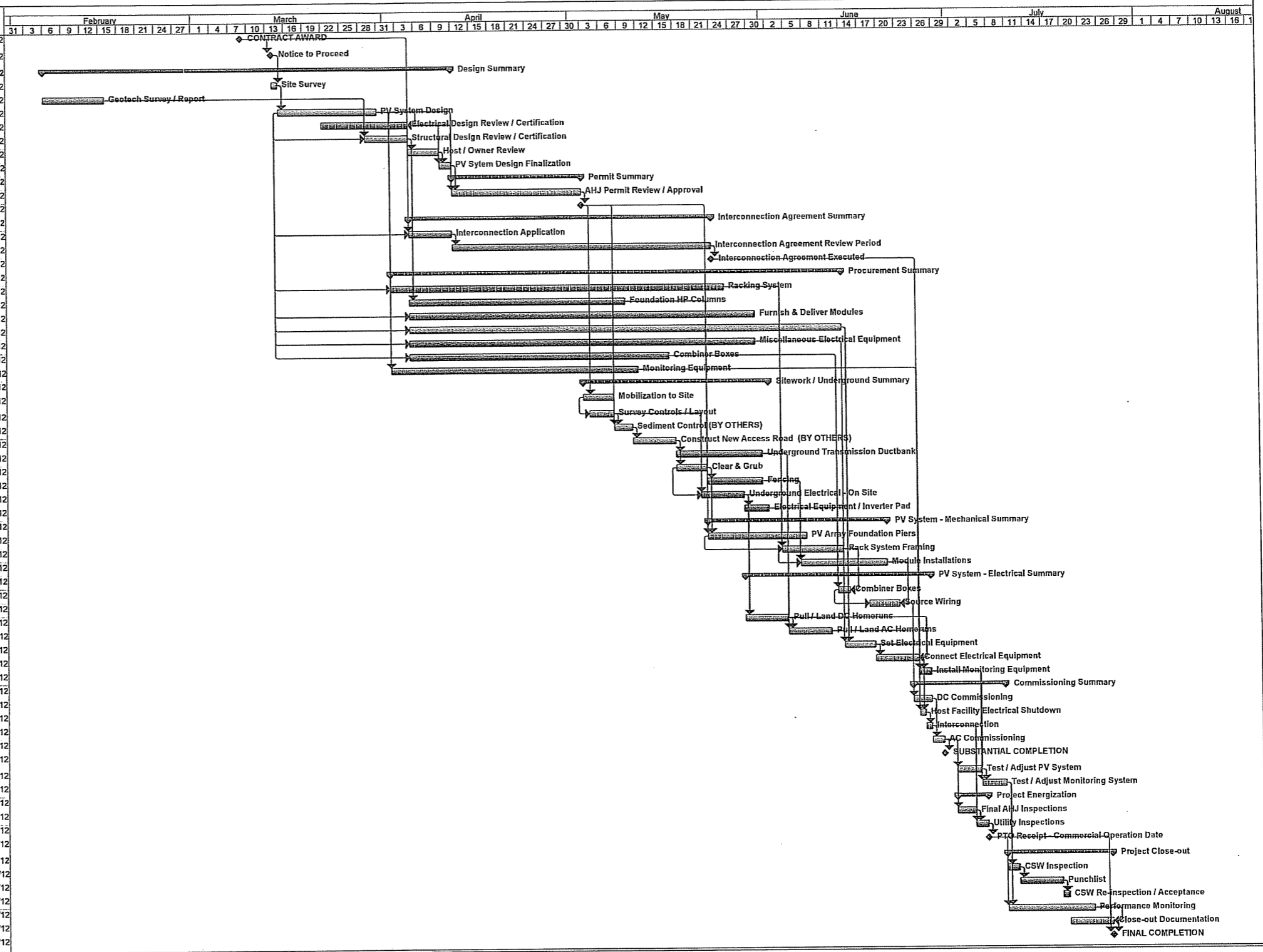
FINANCIAL IMPACT: None

SPG Solar completed their formal geotechnical assessment of the solar facility site on has approval from PNC Bank of Pittsburg, PA, who will finance the project, to move forward with construction. The District is obligated to construct an access road to the facility site, which we estimate will cost \$20,000.

The attached preliminary construction schedule shows mobilization to the site occurring in early May, and operation of Stafford Treatment Plant with solar power commencing Monday, July 2, 2012.

The District's financial obligation will be to pay 17¢ per kWh of solar energy produced, escalated 3% annually, for the next 20 years.

ID	Activity	Duration	Scheduled Start Date	Scheduled Finish Date
1	CONTRACT AWARD	0 days	3/8/12	3/8/12
2	Notice to Proceed	0 days	3/13/12	3/13/12
3	Design Summary	48 days	2/6/12	4/11/12
4	Site Survey	1 day	3/14/12	3/14/12
5	Geotech Survey / Report	8 days	2/6/12	2/15/12
6	PV System Design	12 days	3/15/12	3/30/12
7	Electrical Design Review / Certification	10 days	3/22/12	4/1/12
8	Structural Design Review / Certification	5 days	3/29/12	4/4/12
9	Host / Owner Review	3 days	4/5/12	4/8/12
10	PV System Design Finalization	2 days	4/10/12	4/11/12
11	Permit Summary	15 days	4/12/12	5/2/12
12	AHJ Permit Review / Approval	15 days	4/12/12	5/2/12
13	Building Permit Received	0 days	5/2/12	5/2/12
14	Interconnection Agreement Summary	35 days	4/9/12	5/23/12
15	Interconnection Application	5 days	4/5/12	4/11/12
16	Interconnection Agreement Review Period	30 days	4/12/12	5/23/12
17	Interconnection Agreement Executed	0 days	5/23/12	5/23/12
18	Procurement Summary	53 days	4/2/12	6/13/12
19	Racking System	40 days	4/2/12	5/25/12
20	Foundation HP Columns	25 days	4/5/12	5/9/12
21	Furnish & Deliver Modules	40 days	4/5/12	5/30/12
22	Inverter	50 days	4/5/12	6/13/12
23	Miscellaneous Electrical Equipment	40 days	4/5/12	5/30/12
24	Combiner Boxes	30 days	4/5/12	5/16/12
25	Monitoring Equipment	30 days	4/2/12	5/11/12
26	Sitework / Underground Summary	22 days	5/3/12	6/11/12
27	Mobilization to Site	3 days	5/3/12	5/7/12
28	Survey Controls / Layout	2 days	5/4/12	5/7/12
29	Sediment Control (BY OTHERS)	3 days	5/8/12	5/10/12
30	Construct New Access Road (BY OTHERS)	5 days	5/11/12	5/17/12
31	Underground Transmission Ductbank	10 days	5/18/12	5/31/12
32	Clear & Grub	3 days	5/18/12	5/22/12
33	Fencing	7 days	5/23/12	5/31/12
34	Underground Electrical - On Site	5 days	5/22/12	5/28/12
35	Electrical Equipment / Inverter Pad	4 days	5/29/12	6/1/12
36	PV System - Mechanical Summary	21 days	5/23/12	6/20/12
37	PV Array Foundation Piers	12 days	5/23/12	6/7/12
38	Rack System Framing	8 days	6/4/12	6/13/12
39	Module Installations	10 days	6/7/12	6/20/12
40	PV System - Electrical Summary	22 days	5/29/12	6/27/12
41	Combiner Boxes	2 days	6/13/12	6/14/12
42	Source Wiring	5 days	6/18/12	6/22/12
43	Pull / Land DC Homeruns	5 days	5/29/12	6/4/12
44	Pull / Land AC Homeruns	5 days	6/5/12	6/11/12
45	Set Electrical Equipment	3 days	6/14/12	6/18/12
46	Connect Electrical Equipment	5 days	6/19/12	6/25/12
47	Install Monitoring Equipment	2 days	6/28/12	6/27/12
48	Commissioning Summary	11 days	6/25/12	7/9/12
49	DC Commissioning	3 days	6/25/12	6/27/12
50	Host Facility Electrical Shutdown	1 day	6/26/12	6/26/12
51	Interconnection	1 day	6/27/12	6/27/12
52	AC Commissioning	2 days	6/28/12	6/29/12
53	SUBSTANTIAL COMPLETION	0 days	6/29/12	6/29/12
54	Test / Adjust PV System	4 days	7/2/12	7/5/12
55	Test / Adjust Monitoring System	2 days	7/6/12	7/9/12
56	Project Energization	5 days	7/2/12	7/6/12
57	Final AHJ Inspections	3 days	7/2/12	7/4/12
58	Utility Inspections	2 days	7/5/12	7/6/12
59	PTO Receipt - Commercial Operation Date	0 days	7/6/12	7/6/12
60	Project Close-out	13 days	7/10/12	7/26/12
61	CSW Inspection	2 days	7/10/12	7/11/12
62	Punchlist	5 days	7/12/12	7/18/12
63	CSW Re-inspection / Acceptance	1 day	7/19/12	7/19/12
64	Performance Monitoring	10 days	7/10/12	7/23/12
65	Close-out Documentation	5 days	7/20/12	7/26/12
66	FINAL COMPLETION	0 days	7/26/12	7/26/12




Data Date: 2/29/12

**NORTH MARIN WATER DISTRICT
PRELIMINARY SCHEDULE**
403,200 Wdc - Fixed Ground Mount



9

MEMORANDUM

To: Board of Directors
From: Chris DeGabriele, General Manager 
Subject: Service Connection Credit
T:\GMBOD Misc 2012\service conn credit reg 3 memo.doc

March 2, 2011

RECOMMENDED ACTION: Information Only

FINANCIAL IMPACT: None at this time

At the November 15, 2011 meeting, the Board received information on revising our practice for crediting existing service connections when new development requires enlargement or expansion to the existing service. The Board had previously reviewed this topic at the September 20, 2005 meeting. Information from the November 15, 2011 and September 20, 2005 is again enclosed.

District staff has discussed this in detail and do believe that our practice of crediting the full current value of the meter and Reimbursement Fund Charge (RFC) can be changed. It's proposed that only the depreciated value of the meter charge be credited and no credit be issued for the RFC. At this time, we do not recommend adjusting the full credit for the Facilities Reserve Charge. A survey of retail water agencies in our region (MMWD, VOMWD, Petaluma, Rohnert Park, Santa Rosa) shows they all follow a practice of crediting the full historical water use entitlement at current rates/charges.

A draft revision to Regulation 3 is provided for the Board's information tonight. It is being reviewed by our legal counsel, and we intend to return at the March 20 meeting to request Board approval of the Regulation 3 revision.

DRAFT REVISED
NORTH MARIN WATER DISTRICT
REGULATION 3
CHANGE OF SERVICE CONNECTION

a. Relocation

The District will relocate its facilities when requested to do so by the consumer provided such relocation is acceptable to the District and upon payment to the District of the following minimum charges:

- (1) Relocation of service not requiring a new connection to the main: \$425
- (2) Relocation of service lines requiring a new connection to the main shall be made upon advance payment of the District's Service Line Charge in accordance with Regulations 1.c.
- (3) Raising or lowering meter or box for consumer convenience: \$225

The foregoing charges shall apply in all cases where they reasonably reflect the District's costs of performing the relocation requested. These charges may be increased or decreased if the District's actual costs of doing the work vary appreciably from these rates.

b. Enlargement or Expansion

Enlargement or expansion of meter(s) and/or service connection(s) will normally require construction of a new service line. Enlargement or expansion of a meter(s) and service connection(s) will be made by the District on the following conditions:

- (1) The consumer or his authorized agent files an application therefor in accordance with Regulation 1.a.
- (2) Advance payment of the cost of a new service in accordance with District's Regulation 1.c. as applicable. The consumer pays the initial charges for service applicable to such enlarged meter and service connection enlargement or expansion as provided in Regulation 1.c., from which shall be deducted the current depreciated value of the meter charge(s), reimbursement fund charge and current facilities reserve charge(s) applicable to the meter(s) and service line(s) replaced.

c. Downsizing - 1-inch to 5/8-inch

Charge for downsizing meter: \$55

SERVICE CONNECTION CREDIT

Mr. DeGabriele stated that at the last meeting Director Rodoni asked that the policy for crediting service connections be revisited. He said that in 2005, the Board reviewed the policy at Director Rodoni's request and the Board did not make any determination at that time. He stated that an adjustment to the practice could be considered, but it is necessary to determine what other agencies are doing, what is legal and what can the District administer. He said it is important that when working with applicants to insure that the District is on solid footing when existing service is credited for something that is equivalent to the water usage but may not be equivalent to the dollar value of the current water usage. He said staff will continue researching this issue as well as consult with legal counsel.

Director Rodoni stated that he appreciated staff looking into this. He said that there may be different components of the water connection fees that may or may not have been in force when the original meter was installed.

WAC/TAC MEETING NOVEMBER 7, 2011

Mr. DeGabriele provided a report of the highlights of the WAC/TAC meeting held on November 7. He advised that the WAC was asked to provide comments by November 21 on the Draft Water Supply Strategies Action Plan Update which will then be forwarded to the SCWA Board of Directors in December. He addressed the WAC/TAC discussion on the Management of Russian River to Protect Fisheries and Meet Water Demands, especially about the independent science review panel on flows in the Russian River above the confluence of Dry Creek. He said that the Friends of the Eel River is interested in the SCWA hydrologic model. Mr. DeGabriele said that the hydrologic model is intended to be independent and science-based, not influenced by parties that have a stake in the operation of the Russian River.

Mr. DeGabriele expressed his disappointment in how SCWA is disclosing information on their Draft Long Range Financial Plan. He stated that SCWA is not preparing an update to the 2001 Long Range Financial Plan and that after reviewing the draft plan in detail, the new plan is extremely complicated. He said that he has many questions and he looks forward for the opportunity to get clarification. He said the challenge will be how to have the information disclosed so that it is available to all concerned. Mr. DeGabriele stated that he and Krishna Kumar will work with SCWA to look at the plan in detail and correct any errors.

The last item that Mr. DeGabriele addressed was the SCWA Allocation Model and Rate Study. He advised that Brown and Caldwell is updating the allocation model and will prepare a summer/peak demand allocation model that should be available by the summer.

MEMORANDUM

To: Board of Directors
From: Chris DeGabriele, General Manager
Subject: Service Connection Credit
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November 11, 2011

RECOMMENDED ACTION: Information only
FINANCIAL IMPACT: None at this time

At the November 1, 2011 meeting, the Board approved a Water Service Agreement for the Chipotle Mexican Grill at 880 DeLong Avenue. The project will renovate an existing building, most recently a Starbucks Restaurant, and require new water service facilities, principally for fire protection, plus pay additional connection fees for increased water demand of two equivalent dwelling units (EDUs). The project was credited two EDUs for the existing service based on historical water use during the first ten years of the water service installation.

At the November 1 meeting, Director Rodoni requested that the policy for crediting service connections be revisited. Director Rodoni had previously asked that this be investigated, and the Board received information in September 2005 on this topic. Minutes of the September 20, 2005 meeting and the memo information from legal counsel and 2005 credit analysis are attached.

While additional information must be developed to address an appropriate and legal way to affect an equitable credit, some adjustment in our current practice can be considered. Staff will conduct additional investigation and come back at a future date for review of alternates and a recommendation.

INFORMATION ITEMS:

SERVICE CONNECTION CREDIT

Mr. DeGabriele stated that Director Rodoni asked for explanation on the District's practice for new development occurring on land which has previously been served by the District to fully credit the current meter charge, reimbursement fund charge and facilities reserve charge (FRC) for existing service. He stated that legal counsel found no guidance in state statutes and that staff reviewed Public Utilities Commission General Order 96-B and found the order is silent on application or credit for existing service where expansion occurs on properties already served. He said that staff addressed Director Rodoni's concern of equity to fully crediting an applicant, and an analysis was done by the Auditor-Controller comparing the FRC charge in 1985 versus current FRC charge. He said that that formula shows that a FRC charge in 1985 was \$985 and after using the Auditor-Controller's formula based on investment income on District treasury plus water bond payments, the credit value in 2005 is \$5100.

Director Rodoni thanked staff for investigating this topic and that the Auditor-Controller's formula helps to explain how the calculation is made and he stated that it seems odd to get current value on something that is thirty to forty years old.

Mr. DeGabriele said that more research on this subject can be conducted with other agencies, however, this is not staff's highest priority.

MEMORANDUM

September 16, 2005

To: Board of Directors
From: Chris DeGabriele, General Manager *CD*
Subject: Service Connection Credit
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RECOMMENDED ACTION: Information only
FINANCIAL IMPACT: None

Historically, the District's practice for new development occurring on land which has previously been served by the District has been to fully credit the current meter charge, reimbursement fund charge and facilities reserve charge (FRC) for the existing service. This practice is substantiated by District Regulation 3.b.2 (Change of Service Connection, Enlargement, Attachment 1). This language has been included in the regulation since its inception. Director Rodoni has asked that staff review this practice, voicing concern that existing connections may be receiving more value than was originally paid for and the full credit may not be currently equitable.

Legal counsel was asked to review state statutes, case law and other agency practices for guidance. Bob Maddow's letter documenting that review is attached (Attachment 2). Mr. Maddow advises that no direct guidance is found in state statutes nor does case law directly relate to this issue. He does advise that three prominent East Bay water districts handle the issue similarly to North Marin.

Additionally, staff reviewed the California Public Utilities Commission General Order 96-B (Standard Practice for Collecting and Processing User Connection and Facilities Fees) which enables collection of said fees for additional service connection to existing premises and for increases in size of service connection to existing premises due to change in use. The order is silent on application or credit for existing service where expansion occurs on properties already being served.

To address Director Rodoni's concern of equity in conveying full credit to existing services, I've asked the Auditor-Controller to prepare an analysis of equivalent dwelling unit FRC charge in 1985 versus current. The analysis (Attachment 3) shows that the EDU definition (average day peak month demand in gallons per day) has decreased by approximately 20% over that period. Annual consumption has increased slightly (3.6%). The escalated value of an FRC charge paid in 1985 brought to present value with NMWD treasury returns and considering the water bond taxes paid on the improved property would total \$5100 as compared to the present FRC charge (\$8600). It is

NORTH MARIN WATER DISTRICT
REGULATION 3

CHANGE OF SERVICE CONNECTION

a. Relocation

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- | | |
|---|----------|
| (1) Relocation of service not requiring a new connection to the main: | \$425.00 |
| | |
| (2) Relocation of service lines requiring a new connection to the main shall be made upon advance payment of the District's Service Line Charge in accordance with Regulations 1.c. | |
| | |
| (3) Raising or lowering meter or box for consumer convenience: | \$225.00 |

The foregoing charges shall apply in all cases where they reasonably reflect the District's costs of performing the relocation requested. These charges may be increased or decreased if the District's actual costs of doing the work vary appreciably from these rates.

b. Enlargement

Enlargement of meter and service connection will normally require construction of a new service line. Enlargement of a meter and service connection will be made by the District on the following conditions:

- (1) The consumer or his authorized agent files an application therefor in accordance with Regulation 1.a.
- (2) Advance payment of the cost of a new service in accordance with District's Regulation 1.c. as applicable. The consumer pays the initial charges for service applicable to such enlarged meter and service connection as provided in Regulation 1.c., from which shall be deducted the current meter charge, reimbursement fund charge and facilities reserve charge applicable to the meter and service line replaced.

c. Downsizing - 1-inch to 5/8-inch

Charge for downsizing meter: \$55.00

BOLD, POLISNER, MADDOW, NELSON & JUDSON

A PROFESSIONAL CORPORATION

ROBERT E. MADDOW
CARL F. A. NELSON
CRAIG L. JUDSON500 YGNACIO VALLEY ROAD, SUITE 325
WALNUT CREEK, CALIFORNIA 94596-3840FREDERICK BOLD, JR.
(1919-2003)

TELEPHONE (925) 933-7777

TELEFAX (925) 933-7604

E-MAIL bpmnj@prodigy.net

September 15, 2005

VIA TELEFAX
415 892-8043Chris DeGabriele, General Manager
North Marin Water District
999 Rush Creek Place
P.O. Box 146
Novato, CA 94948Re: Facilities Reserve Charge

Dear Mr. DeGabriele:

You asked for advice concerning how to handle a situation like the following hypothetical: An existing water customer has a single water service for a five-acre parcel. The customer obtains land-use approval from the City or County to subdivide the parcel into five one-acre residential lots. Should the customer pay a new facility reserve charge (FRC) for each of the five lots, or only for the four newly created lots? Under current NMWD regulations, the customer would receive a credit for the existing service and would pay a new FRC for each of the four newly created lots.

We have not found any statutory authority that provides direct guidance. As you know, the County Water District Law has only the general rate-making authorization found in Water Code § 31025: "The district shall fix and through the general manager collect the rates." The statute that is most relevant is one that offers general guidelines on connection fees: Government Code § 66013 provides that fees by local agencies for water connections must not exceed the estimated reasonable cost of providing such services. Case law has established guidelines on what can be included in such fees, but not on the issue you have raised.

We have reviewed regulations of several other utilities to ascertain how they would charge connection fees in this case. We particularly looked at Contra Costa Water District, because it too is a county water district. We also looked at East Bay Municipal Utility District, and Dublin San Ramon Services District (a community services district). Under their current regulations, none of these three agencies would impose an additional FRC to the customer who subdivides land upon which a connection already exists - i.e., only four FRCs would be required. EBMUD regulations provide for a full credit. CCWD offers a credit based on the capacity of the original meter in relationship to the capacity to be used for the new service (e.g., if the original meter were 5/8", a full credit would be allowed and FRCs would be charged for the other four

Credit for Connection Fee Paid 1985

9/1/2005

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Statistics

	1985	2005	
EDU Definition (avg day pk mo gpd)	800	636	} don't add value to calc
Annual Ccf (Urban Area Water Cost Comparison)	168	174	
CPI (SF All Urban Consumers CPI-U)	108.4	201.2	
ENR Index (San Francisco CCI)	5,055.0	8,259.2	
SF Assessed Value (Urban Area Water Cost Comparison)	\$96,000	\$318,000	
FRC Charge	\$985	\$8,600	
Mean SF Home MV (Marin Co Assessor)	\$224,000	\$800,000	
NMWD Treasury (20 Yr Avg Annual Rate of Return)		5.96%	
Tax Rate/\$100 AV	0.025		
Annual Water Bond Tax (1985 Rate X SF MV)	\$56		
FRC Value (Compounded w/NMWD Treas Returns 86-05)	\$3,134		
Cumulative Water Bond Tax (\$38/yr Compounded)	<u>\$1,995</u>		
Value in 2005 Dollars	<u>\$5,129</u>		

say \$5,100 Credit Value

10

**NOTICE OF MEETING OF
NORTH BAY WATERSHED ASSOCIATION**

Notice is hereby given that a meeting of the North Bay Watershed Association will be held as follows:

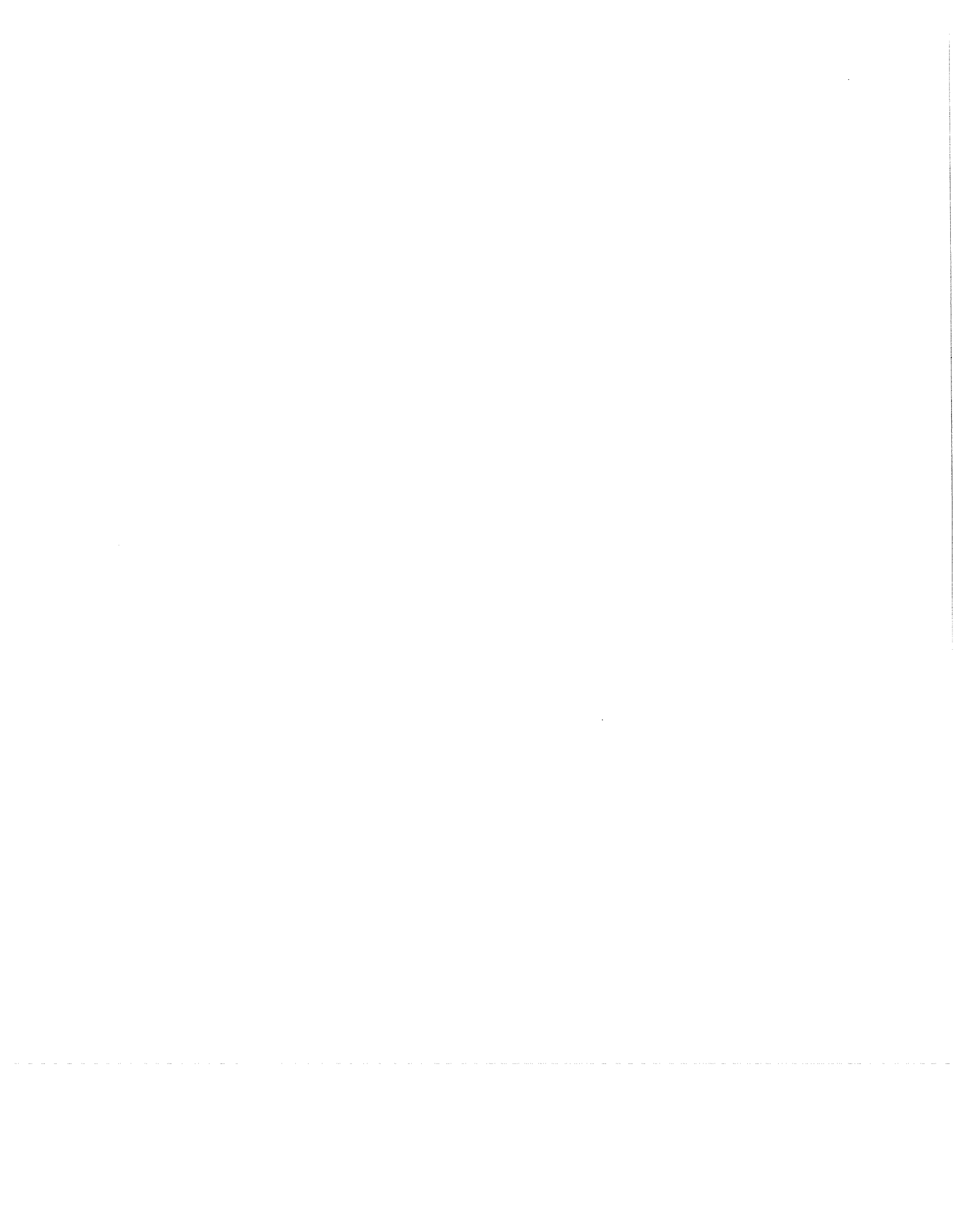
Date: Friday, March 2, 2012
Time: 9:30 a.m. – 11:30 a.m.
Location: Novato Sanitary District
500 Davidson Street
Novato, CA 94945

AGENDA

<u>Item</u>	<u>Recommendation</u>
1. Call to Order (Jack Gibson, Chair)	
2. Public Comment	
3. Approval of the Agenda (1 min.)	Approve
4. Approval of Minutes	Approve
5. Treasurer's Report (1 min.)	Accept
6. North Bay Water Reuse Authority Update (30 min.) Guest Speaker: Chuck Weir	Information
7. Climate Change Activities on Our Coast & Linked to the Bay (30 min.) Guest Speaker: Maria Brown, Superintendent, Gulf of the Farallones	Information
8. Preliminary 2012-2013 Budget (30 min.) 2011-2012 Project Proposal – Engaging Youth in Restoration STRAW/SEC (\$20k) Harry Seraydarian	Action
9. Items of Interest	
10. Items for Next Agenda	

Next Meeting Information:

Next Meeting: APRIL 13, 2012 NBWA CONFERENCE
Sheraton Petaluma
745 Baywood Drive
Petaluma, CA 94954
www.nbwatershed.org



NORTH BAY WATERSHED ASSOCIATION

Minutes for the meeting of the North Bay Watershed Association (NBWA) Board of Directors.

Date: February 3, 2012
Time: 9:30 a.m.
Location: Petaluma (Lucchesi) Community Center
320 N. McDowell Boulevard
Conference Room 2
Petaluma, CA 94954

Directors Present: Directors present included:

<u>Board Member</u>	<u>Agency/Organization</u>	<u>Board Member</u>	<u>Agency/Organization</u>
Judy Arnold	County of Marin	Mike DiGiorgio	Novato Sanitary District
Wendy Atkins	City of Sonoma and Sonoma	Kathy Hartzell	Central Marin Sanitation Agency
	Valley County Sanitation District	Mark Luce	Napa Sanitation District
Jack Baker	North Marin Water District	David Rabbitt	Sonoma County and
Megan Clark	Las Gallinas Valley Sanitary District		Sonoma County Water Agency

Directors present represented 10 out of the 16 agencies signatory to the Association MOU.

Board Actions:

1. **Call to Order.** Judy Arnold, Chair Pro Tem, called the meeting to order at 9:42 a.m.
2. **Public Comment.** There was no public comment.
3. **Approval of the Agenda.** (See Handout) The Board unanimously approved the agenda.
4. **Approval of the Minutes of the Board Meeting held January 6, 2012.** (See Handout) The Minutes of the Board Meeting held on January 6, 2012 were unanimously approved.
5. **Treasurer's Report.** (See Handout) The Treasurer's Report was accepted as presented by Harry Seraydarian.
6. **State of the Bay.** Caitlin Sweeney, San Francisco Estuary Partnership, presented a PowerPoint on "The State of San Francisco Bay." Caitlin also supplied materials: Executive Summary and entire report of "The State of San Francisco Bay 2011", along with "Estuary News," SFEP's newsletter dated December, 2011, and noted their website www.sfestuary.org has background documents. Caitlin first provided background information on the National Estuary Program (San Francisco Estuary is one of 28 Estuaries of National Significance) and noted that SFEP is also a part of the Association of Bay Area Governments (ABAG), serving as a non-regulatory, collaborative, state, federal and local partnership charged with protecting the health of the bay. Caitlin posed the question – Is the bay healthy? She then described an approach to answer the question that includes identifying attributes of a healthy bay, indicators, and benchmarks. The 2011 Report uses 57 indicators: 9 habitat, 20 water, 18 living resources, 5 ecological processes, and 5 stewardship. These indicators are compared to benchmarks which could be goals, standards or reference conditions. Caitlin described how the bay is doing in general, moving to healthy (less polluted; safe for contact most of the time; toxic discharges have been reduced) and noted problems that still exist (mercury legacy and organics without risk assessments). She also mentioned that filling has been halted and some wetland habitat has been restored. In addition, sediment discharges into the bay from dredging have been reduced significantly, and that sediment can now be used in some cases to restore valuable wetlands. Caitlin indicated some bird populations are already benefitting from restored habitat but are facing challenges from invasive species, pollutants that bioaccumulate, and predators. Caitlin summarized a freshwater inflow index and emphasized that the bay is subject to chronic drought conditions. Caitlin also explained a fish index that illustrated a general decline especially in Suisun Bay. Caitlin then gave some examples of ongoing efforts (pollutant reduction, habitat restoration, and inflow criteria) and highlighted some activities such as a very successful Coastal Cleanup Day in 2010 with 25,000 Bay Area citizens participating. Caitlin also discussed climate change and displayed a picture of an extreme tide event or "King Tide." and noted we will have some long term challenges. Caitlin ended with a description of SFEP's Watershed Program. The Board and participants had several questions: Is San Pablo Bay included in the assessment? (Yes.) What is the period of reduction for inflow? (10 years.) Is the bay sediment starved? (Some parts of the bay are more sediment starved.) What is the relationship between SFEP, SFEI and The Bay Institute? (SFEP's 1993 Comprehensive Management Plan presented a need to create a science arm that evolved into SFEI. The Bay Institute is a non-profit advocacy and science based organization.)

7. Salmon and Steelhead Recovery and Habitat Restoration. Gail Seymour, Fisheries Management, Watershed Restoration, CA Dept. of Fish & Game, Bay Delta Region, presented a detailed PowerPoint that began with an explanation of her office which serves Sonoma, Marin, Napa, SF, Alameda, Contra Costa, San Mateo, Santa Cruz, and Santa Clara. Gail described staffing for the office and their priority programs: Coho Salmon and Steelhead Recovery and habitat assessments and the Fisheries Restoration Grant Program. She provided some examples regarding their Recovery Programs and stressed the importance of the NOAA and CA DF&G Priority Action Coho Team (PACT). She also explained their Coho Salmon Broodstock Program and identified their partners. Gail then summarized Steelhead and Coho habitat assessments on the rivers and creeks in North Bay. Gail provided a summary of the Fisheries Restoration Grant Program since 1981 statewide and noted the funding sources. Gail then walked through a series of pictures showing restoration projects on a large number of tributaries in the NBWA area and highlighted the funding levels. The Board and participants had several questions. Do you see illegal diversions during your field work? (Yes, may make notes but no action taken since enforcement is a separate function.) Is CA F&G coordinating with NOAA on their multispecies Recovery Plan? (Yes, we will review and comment on the plan and have had some input already.) Does SFEP partner with CA DF&G? (Not directly but recent Prop 84 implementation grant to Bay Area includes some funding for Steelhead monitoring.)

8. Items of Interest.

- * IRWM County Meetings: Marin–February 9–2:00-4:00 pm – Marin County Civic Center–Room 410-B;
- Napa–February 21 – 5:30-7:30 pm – Yountville Community Center;
- Sonoma–March 1–6:00-7:30 pm – Petaluma (Lucchesi) Community Center

9. Items for Next Agenda.

- * North Bay Water Reuse Authority Update, Chuck Weir
- * Climate Change Activities on Our Coast & Linked to the Bay, Maria Brown, Superintendent, Gulf of the Farallones
- * Preliminary 2012-2013 Budget – Action Item

Judy Arnold, Chair Pro Tem, adjourned the meeting at 10:47 a.m.

SUBJECT TO BOARD APPROVAL

Submitted By: Elizabeth O. Preim-Rohtla

NEXT MEETING INFORMATION:

March 2 – Novato Sanitary District, 500 Davidson Street, Novato, CA 94945

April 13 – 2012 NBWA CONFERENCE – Sheraton Petaluma, 745 Baywood Drive, Petaluma, CA 94954

May 4 – Napa County – Location TBA

Project #1:
PRBO CONSERVATION SCIENCE'S
STUDENTS AND TEACHERS RESTORING A WATERSHED (STRAW) PROJECT

PROGRAM SUMMARY

PRBO Conservation Science's Students and Teachers Restoring A Watershed (STRAW) Project requests \$10,000 from the North Bay Watershed Association to support our work with students, teachers, and community volunteers on professionally-designed riparian habitat restorations on creeks in East Marin. The STRAW Project uses innovative strategies, sound scientific information, and wide-ranging partnerships to sustain a community-based education network focused on protecting and restoring critical ecosystem functions in North Bay creeks and wetlands. STRAW brings rigorous scientific content into the classroom and provides hands-on restoration activities for students that provide critical thinking and problem solving skills. One of the greatest strengths of STRAW is that the project is about "real work." Students and teachers, along with STRAW partners, *are* restoring a watershed.

- Conduct three habitat restorations on Miller Creek in San Rafael
- Install native plants and remove invasive species
- Engage over 600 students in professionally-designed restoration activities
- Provide comprehensive education activities for students and teachers throughout the school year
- Monitor and maintain sites for three years to ensure plant survival

MILLER CREEK RESTORATION

The site is an urban portion of Miller Creek adjacent to Miller Creek Middle School. STRAW conducts three restoration days at Miller Creek annually. Funding from the Marin County Stormwater Pollution Prevention Program (MCSTOPPP) covers two workdays, but in order to work with all three grade levels at the middle school, additional funding is needed. Restoration activities at this site serve nearly 600 students per year. STRAW has been working at this site for 12 years. STRAW is presently working to restore a stretch of 40 linear feet. Over the course of the three restoration days, students will work to remove the invasive species Himalayan Blackberry, English Ivy, Cape Ivy, and Common Privet and replace them with natives such as Blue Elderberry, Hazelnut, Coffeeberry, Snowberry and Box Elder. The site will be maintained for three years. Maintenance includes weeding, irrigation and browse control to ensure project success. Plant survival will be assessed annually.

Miller Creek Middle School Restorations Budget

Income	
North Bay Watershed Association (this request)	\$10,000
MCSTOPPP	\$13,000
Total Income	\$23,000
Expenses	
Installation Labor	\$11,177
Maintenance and Monitoring Labor	\$3,185
Education Labor	\$1,355
Personnel Total	\$15,717
Installation Materials	\$955
Maintenance and Monitoring Materials	\$477
Mileage	\$652
Prunuske Chatham, Inc Subcontractor	\$1,382
STRAW Faculty Subcontractor	\$2,804
Conservation Corps North Bay Subcontractor	\$1,007
Direct Expenses Total	\$7,277
Total Expenses	\$22,994

Educational Activities Provide Context for Restoration

Restorations are preceded by presentations given to each classroom in the fall by STRAW in partnership with MCSTOPPP. Information will include: the particular watershed in which the students will work, the original habitat of the site, and how it has been impacted by development, urban runoff, invasive plant species, and other factors. Students will learn about the plant and animal species that their restoration will help, the importance of habitat restoration to water quality, and the restoration methods that will be used. STRAW's unique focus on watershed education integrates students' restoration work with broader experiences that provide instruction in the science of aquatic ecosystems. Students learn about the problems the restoration is designed to solve. STRAW also supports a year-round professional development program for teachers to help them provide a scientific context for their students' restoration work.

Contact: Laurette Rogers, lrogers@prbo.org, (707) 781 2555 x 358

Project #2:
Sonoma Ecology Center's EnviroLeaders:
Cultivating Tomorrow's Leaders Today

Program Summary

The *EnviroLeader Internship* program fosters environmentally literate community leaders by engaging youth in ecological restoration and sustainable agriculture. The program provides 50 paid internships per year to a diverse population of Sonoma Valley youth ages 14 to 18. Interns work at Sonoma Ecology Center's Sonoma Garden Park, Native Plant Nursery, and restoration sites throughout the valley. The internship teaches job skills and connects interns to jobs in the green-collar industry. The Center hopes to add a new component to the program this year: *EnviroLeaders* will work with Center staff and scientists to conduct citizen science with 5th to 7th graders during after school programs and summer camps at the Boys and Girls Club of Sonoma Valley.

Purpose and Goals

The purpose of the *EnviroLeader Internship* program is to foster diverse, environmentally literate community leaders. Participants attain the following objectives:

- 1) 90% of participants can define biodiversity
- 2) 90% can explain how sustainable agriculture helps preserve biodiversity
- 3) 90% can explain how restoring ecosystems helps increase biodiversity
- 4) 90% can demonstrate sophisticated horticultural/agricultural skills
- 5) 90% can name five criteria an employer would use to assess an employee's performance
- 6) 90% can effectively deliver a short oral presentation about their internship
- 7) 50% will pursue training or college related to science, agriculture, or the environment
- 8) 25% will do environmentally related senior projects

Environmental Benefits

Each year, EnviroLeaders help grow and plant thousands of native plants along streams and on hillsides in the Sonoma Creek watershed, enhancing habitat for fish and wildlife, improving water quality, and fostering groundwater recharge. They annually grow, plant, and harvest hundreds of pounds of organic produce that is sold to visitors and residents, benefiting Sonoma Ecology Center.

Social Benefits

Two thirds of *EnviroLeader* interns are considered at-risk. *EnviroLeaders* are recruited from Sonoma Valley High School, Creekside High School, and Gateway School. The Center also collaborates with the Valley of the Moon Teen Center, serving primarily Latino youth, Hannah Boys Center, a residential facility for at-risk boys, and Social Advocates for Youth, a social service agency.

Program Structure

The *EnviroLeader* program runs 12-14 weeks, with outdoor workdays, enrichment days, and public speaking opportunities. Interns participate for 6-8 hours each week and receive a \$400 stipend on completion. In 2011, 42 youth participated, and the Center hopes to grow that number to 50 in 2012.

Program Success

SEC has run the *EnviroLeaders* program since 2006. The program undergoes an extensive annual evaluation. Participants are tracked via email and phone to assess long-term impacts of the program on their career and vocational choices. The program has met its ambitious objectives each year.

Key Staff

Jessica Glatt, Education & Outreach Program Manager. BA Environmental Studies and Planning
Vidya Quigley, Youth Coordinator. BS Human Development, Multi-Subject Teaching Credential
Rebecca Bozzelli, Sonoma Garden Park Manager. Ecological Horticulture Certificate
Cassandra Liu, Restoration Project Manager. BA Environmental Science

Program Budget

Income	
North Bay Watershed Association (this request)	\$10,000
Individual Donors (pending)	\$12,500
Kakatu Family Foundation	\$10,000
Kimball Foundation	\$30,000
Miranda Lux Foundation	\$10,000
City of Sonoma	\$12,000
Total Income	\$84,500
Expenses	
Program Manager	\$5,990
Project Manager	\$23,587
Garden Manager	\$20,218
Restoration Project Manager	\$13,478
Subtotal Labor	\$63,274
Intern Stipends	\$20,000
Personnel Total	\$83,274
Office Supplies	\$200
Mileage	\$150
Materials & Supplies	\$876
Direct Expenses Total	\$1,226
Total Expenses	\$84,500

Contact: Caitlin Cornwall, caitlin@sonomaecologycenter.org, (707) 996-0712 x105

11

FOR ACCESSIBLE
MEETING INFORMATION
CALL: (707) 543-3350
ADD: (707) 543-3031



**WATER ADVISORY COMMITTEE
AND
TECHNICAL ADVISORY COMMITTEE**

MONDAY, MARCH 5, 2012

9:00AM

Utilities Field Operations Training Center
35 Stony Point Road, Santa Rosa, Ca

This is a combined WAC and TAC meeting.

1. Check In
2. Public Comment
3. Recap from February 6, 2012 WAC/TAC Meeting and Approval of Minutes
4. Consider SCWA FY 2012/13 Water Transmission System Budget
5. Water Supply Conditions
6. Items for next agenda
7. Check Out

Draft Minutes of Water Advisory Committee and Technical Advisory Committee
35 Stony Point Road, Santa Rosa, California
February 6, 2012

Attendees: Susan Gorin, City of Santa Rosa
Miles Ferris, City of Santa Rosa
Glen Wright, City of Santa Rosa
Linda Reed, City of Santa Rosa
Jennifer Burke, City of Santa Rosa
Linda Hall, City of Santa Rosa
Jake Mackenzie, City of Rohnert Park
Mikaella Decker, City of Rohnert Park
Darrin Jenkins, City of Rohnert Park
Laurie Gallian, City of Sonoma
Milenka Bates, City of Sonoma
Toni Bertolero, City of Sonoma
Mark Landman, City of Cotati
Damien O'Bid, City of Cotati
Dennis Rodoni, North Marin Water District
Chris DeGabriele, North Marin Water District
Drew McIntyre, North Marin Water District
David Bentley, North Marin Water District
Mike Ban, Marin Municipal Water District
Mike Healy, City of Petaluma
Remleh Scherzinger, City of Petaluma
Steve Allen, Town of Windsor
Craig Scott, Town of Windsor
Mark Bramfitt, Valley of the Moon Water District
Krishna Kumar, Valley of the Moon Water District
Paul Gradolph, Valley of the Moon Water District
Efren Carrillo, SCWA
Shirley Zane, SCWA
Grant Davis, SCWA
Jay Jasperse, SCWA
Pam Jeane, SCWA
Spencer Bader, SCWA
Michael Thompson, SCWA
Ann DuBay, SCWA
Lynne Rosselli, SCWA
Jim Downey, City of Penngrove

Public Attendees: Brenda Adelman, RRWPC
David Keller, FOER
Dietrich Stroeh
Dawna Gallagher
Rod Houser, Kennedy/Jenks

1. Check-in

Mark Bramfitt, Vice Chair, called the meeting to order at 9:02a.m.

2. Public Comment

David Keller, FOER, asked SCWA for current planning for releases from Lake Mendocino and how it will affect water supply. Jay Jasperse, SCWA, responded that flow changes will be made according to D1610 regulatory requirements for dry year

conditions. Growers are consulted when frost protection water may be needed so that minimum instream flows are maintained.

3. Recap from the November 17, 2011 WAC/TAC Meeting and Approval of Minutes

Moved by Jake Mackenzie, City of Rohnert Park, seconded by Laurie Gallian, City of Sonoma; carried unanimously to approve the minutes of the November 17, 2011 WAC/TAC meeting as published.

4. Recap from January 9, 2011 TAC Meeting and Approval of Minutes

Moved by Krishna Kumar, Valley of the Moon Water District, seconded by Remleh Scherzinger, City of Petaluma; carried unanimously to approve the minutes of the January 9, 2012 TAC meeting as published.

5. Water Supply Coordination Council

The meeting summary was included in the emailed meeting packet.

6. FY 2012/13 /Draft SCWA Budget

Krishna Kumar, Valley of the Moon Water District, did a brief review of the draft SCWA budget for FY 2012/13 which was included in the emailed meeting packet. There is a 4.8% reduction in water deliveries in the prior 12 months and the rates proposed increase from 5.4% to just under 6% and include reinstatement of L/R/T2 funding and aqueduct capital charges as recommended by the TAC Budget Subcommittee. Lynne Roselli, SCWA, reviewed a PowerPoint presentation of the draft budget. The presentation will be posted to the SCWA website. Further discussion with questions and comments followed from members and the public. The WAC will convene a special meeting on March 5 to consider the budget.

7. Draft SCWA Long Range Financial Plan Project List

Spencer Bader, SCWA, referred to materials available for distribution at the meeting for project listings. The listings are also available at www.scwa.ca.gov/finance/. Discussion followed with comments and questions from members and the public regarding information on project expenditures and forecasts.

8. Sonoma Marin Saving Water Partnership Annual Report

Carrie Pollard, SCWA, briefly reviewed the annual report which was approved by the TACV Water Conservation Subcommittee on January 9. Copies of the report were available for distribution at the meeting. Comments and questions followed from members.

9. SCWA Water Supply/Transmission System Operations Status (So. Valley GWM Plan/Storm Water Mgmt.)

Deferred until May 7 WAC/TAC meeting.

10. Local Water Supply/Operations (VOMWD)

Presentations were introduced by Mark Bramfitt, Valley of the Moon Water District. Three projects are included. The first project with the Sonoma Developmental Center was reviewed by Mark Bramfitt. The second project with SCWA and IBM was reviewed by Krishna Kumar, Valley of the Moon Water District. Questions and comments followed the presentation. The third project was the AMI (Automated Management of Infrastructure) Project collaboration with SCWA which was reviewed by Krishna Kumar. Questions and comments followed from members.

11. Biological Opinion Status Update

Pam Jeane, SCWA, briefly reviewed the Russian River Biological Opinion Update for January 2012 which was included with the meeting packet. A Public Policy Facilitating Committee meeting is scheduled on February 9 where Biological Opinion progress over the past year will be reviewed in more detail.

12. Integrated Regional Water Management Plan(s) Update

Jake Mackenzie reported on the North Coast IRWMP. Sustainable Communities Grant application for \$2M is forthcoming. They are waiting for \$8M funding from Prop 84. Efren Carrillo commented on the good job of representation Jake Mackenzie is doing on this committee. Bay area IRWMP has meetings coming up. Members will be notified of the dates.

13. Items for March WAC/TAC agenda

Draft SCWA budget

Items for April TAC agenda

Water Supply and Transmission System Operations status
Biological Opinion Status update

14. Check Out

Next WAC/TAC meeting is March 5.
Next TAC meeting is April 5.

Chair Susan Gorin adjourned the meeting at 11:03a.m.

12



Sonoma County Water Agency PRESS RELEASE

For Immediate Release

March 1, 2012

CONTACT:

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Ann.DuBay@scwa.ca.gov

Russian River Water Supply System Designated “Critical”

Water Supply Reservoirs in Fair Condition, but Efficient Water Use Encouraged

(Santa Rosa, CA) Russian River water supply conditions changed to “critical” today under the Sonoma County Water Agency’s water rights permits and State Water Resource Control Board Decision 1610 (Decision 1610). Under Decision 1610, issued in 1986, a water year is declared normal, dry, or critical on the first of each month between January and June based on cumulative inflow into Lake Pillsbury, located in Lake County on the Eel River.

This “critical” designation means the Water Agency is permitted to reduce Russian River flows to preserve water storage in Lake Mendocino so there is enough for all water users and for release in the fall to support migrating Russian River Chinook salmon, listed as threatened on the Federal Endangered Species List.

“I can’t remember the last time that a water year was designated as critical, but we’re in much better shape than we were during the drought of the 1970s. First, we built Lake Sonoma, which opened in 1983 and nearly quadrupled water storage. Second, water conservation is part of the Sonoma County lifestyle. In the last 10 years, water demands have dropped 20 percent,” said Assistant General Manager of Operations Pam Jeane. “The message right now is to continue using water efficiently – especially for farmers and residents of Healdsburg and communities to the north, which rely on releases from Lake Mendocino.”

Because rain is expected and water is still coming into the Russian River from its tributary streams, it is unlikely that flows will drop to the levels indicated below. However, these flows are permitted under Decision 1610 in order to preserve water storage in a critical year designation:

• **Upper Russian River** (Between Lake Mendocino and the confluence of Dry Creek and the Russian River near Healdsburg): 25 cubic feet per second (“dry” minimum flows currently in effect are 75 cfs; “normal” minimum flows are 185 cfs)

• **Lower Russian River** (between the confluence of Dry Creek and the Russian River to the Pacific Ocean): 35 cfs (“dry” minimum flows currently in effect are 85 cfs; “normal” minimum flows are 125 cfs)

• **Dry Creek** (between Lake Sonoma and the confluence of Dry Creek and the Russian River): No minimum flow change (“critical,” “dry” and “normal” minimum flows are 75cfs)

The Water Agency’s two water supply reservoirs, Lake Sonoma and Lake Mendocino, continue to provide a reliable, secure source of drinking water for more than 600,000 residents in portions of Sonoma and Marin counties despite this year’s dry weather.

Below are reservoir water supply levels as of March 1:

Lake Sonoma: 83 percent of water supply capacity

Lake Mendocino: 91 percent of water supply capacity. Note: Because the amount that can be stored in the lake for water supply changes seasonally (increasing as we approach the dry summer season), the current level compared to summer (May 10 - Oct 1) water supply capacity is 56%. (See attached graph.)

“It’s in years like these that we really appreciate our reservoirs. The Water Agency will be managing releases as efficiently as possible and if people continue to use water wisely, we will have enough to meet multiple uses, including the release of water for the fall migration of Chinook salmon,” said Assistant General Manager of Operations Pam Jeane. “Ideally, we’ll start next fall with sufficient water in Lake Sonoma to meet a second dry year, if necessary.”

Background –Russian River Biological Opinion and hydrologic index

In 2008, the National Marine Fisheries Service (NMFS) issued its Russian River Biological Opinion. Biologists with NMFS concluded that minimum flow levels in the Russian River and Dry Creek during the summer (as established by Decision 1610) are too high for young coho salmon and steelhead. NMFS biologists believe that reducing summertime flows in the Russian River and Dry Creek would provide better fish habitat by reducing velocity. The Biological Opinion requires the Water Agency to seek permanent changes to the required minimum flows and, until those change requests are considered, annually request a reduction in minimum flows in the Russian River. In 2010 and 2011, the Water Agency sought – and the State Water Board granted – reductions in minimum flows to comply with the Biological Opinion.

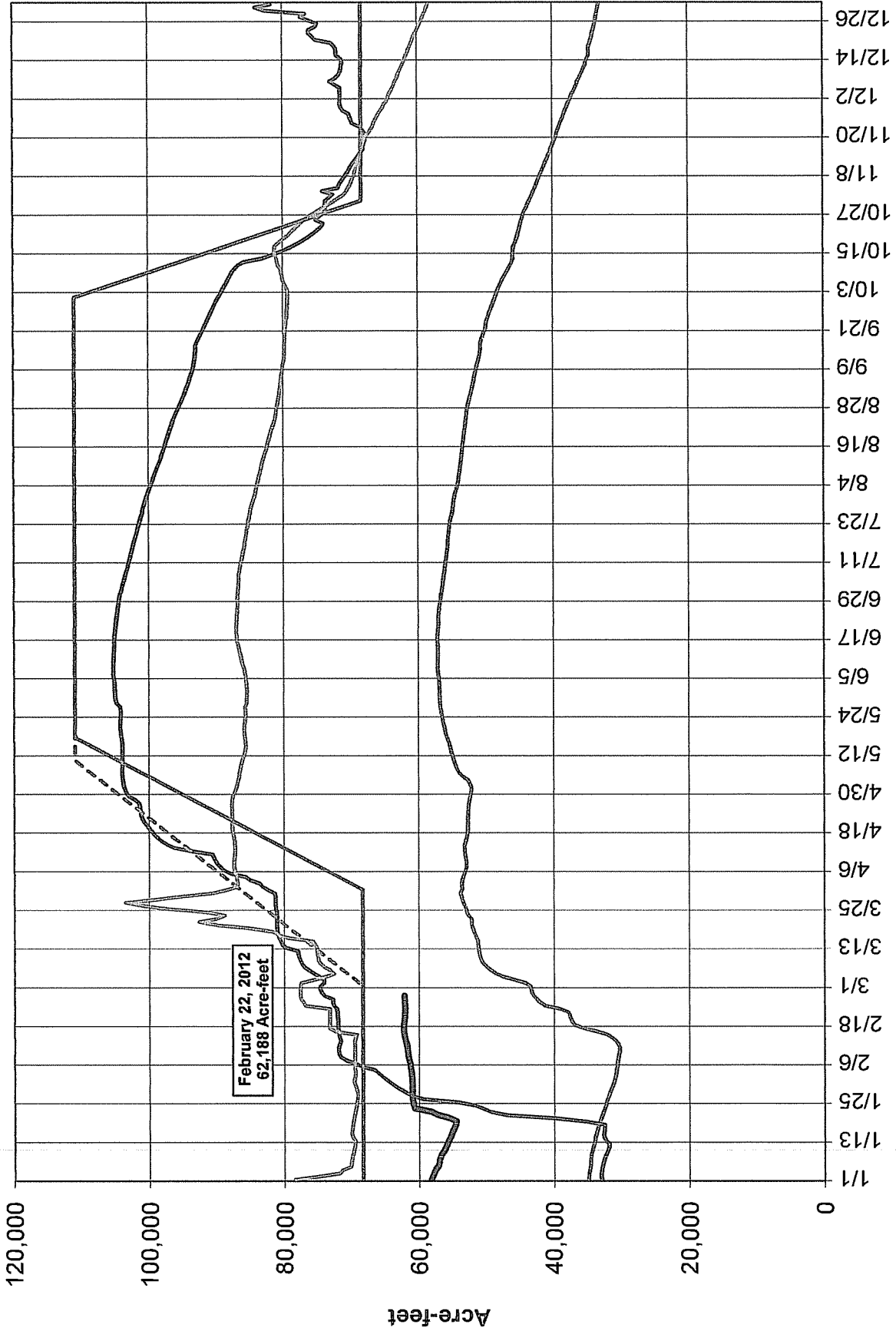
Decision 1610 established a measure (known as a hydrologic index) that determines the water supply condition. The hydrologic index for the Russian River system is based on inflow into Lake Pillsbury, which is located outside of the Russian River watershed. The Water Agency is reviewing alternatives to this hydrologic index to determine if another index would more accurately reflect water supply conditions in the Russian River.

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The Sonoma County Water Agency is working to secure our future by investing in our water resources, community and environment. The Water Agency provides water supply, flood protection and sanitation services for portions of Sonoma and Marin counties. Visit us on the Web at www.sonomacountywater.org.

Lake Mendocino Storage 2008 - 2012 and Storage Curve

Updated 2/22/2012



January Through December

DISBURSEMENTS - DATED FEBRUARY 22, 2012

Date Prepared: 2/21/12

The following demands made against the District are listed for approval and authorization for payment in accordance with Section 31302 of the California Water Code, being a part of the California Water District Law:

Seq	Payable To	For	Amount
P/R*	Employees	Net Payroll PPE 2/15	\$116,863.60
EFT*	Bank of the West	Federal & FICA Taxes PPE 2/15	42,948.05
1	AirGas NCN	Hydrogen Sulfide (\$146), Filters (36) (\$269) & Dust Masks (1,200) (\$72)	488.26
2	Allied Electronics	RTU Parts for Plum St/NSD Recycled Water Project	198.68
3	All Star Rents	Propane (15.30 gals) (STP)	62.92
4	Alpha Analytical Labs	Lab Testing (Novato)	118.00
5	Armor Locksmith	Repair Key Cylinder on Lock to Auto Shop Door	32.00
6	Athens Administrators	Replenish Workers' Comp Account	1,880.28
7	Bank of Marin	AEEP Loan Principal & Interest (Pymt 4 of 240)	46,066.67
8	Blastco	Prog Pymt #3 & 4: Construction of Recycled Water North Plum Tank Rehab Project (Balance Remaining on Contract \$47,350)	115,771.42
9	Borges & Mahoney	Chlorine Feed Vacuum Regulator Service & Maintenance (\$1,189), Repair of Chlorinator Control Unit - STP (\$699), Parts for Pt Reyes Potassium Pump System (\$324) & Parts for Chlorine Pump System @ Pt Reyes (\$306)	2,518.50
10	State of California	State Tax & SDI PPE 2/15	8,258.53
11	Case Power and Equipment	Hydraulic Line (\$75), Tee & Support Block ('93 Case Loader 480F)	135.03
12	CDW-Government	Replacement Printer (Roberts)	338.01
13		Vision Reimbursement	39.00
14	Clarke, Vincent	Novato "Washer Rebate" Program	50.00

Seq	Payable To	For	Amount
15	Cole-Parmer Instrument	Parts for Chemical Line Repairs @ Pt Reyes TP	95.48
16		Cafeteria Plan - Uninsured Medical Reimbursement	15.00
17	E & M	Connector Cable to Troubleshoot VFD's @ STP	67.83
18	ENR	Subscription Renewal (McIntyre) (Budget \$80)	87.00
19	Fisher Scientific	Petri Dishes (1,200) (Lab)	361.03
20	Fishman, Hyman	Novato "Washer Rebate" Program	50.00
21	Ghilotti Construction	Prog Pymt #4: Recycled Water North Segment #3 Construction (Balance Remaining on Contract \$549)	89,480.30
22	Grainger	4" Flexible Fan Exhaust Duct (\$47) (Lab), RTU Parts (\$145) (Plum St Tank), Tank Level Sensor Enclosure & Mounting Panel (\$323) & Pressure Transducers for 2 New RTU's (\$893)	1,408.56
23	Groeniger	Flanges (4) (\$427) & 12" Coupling (\$338)	765.87
24	Hertz Equipment Rental	Forklift Rental for STP Centrifuge Drum	775.78
25	H & H Properties	Refund Excess Advance for Construction Over Actual Job Cost (Tamarin Lane Land Division)	919.86
26		Cafeteria Plan - Uninsured Medical Reimbursement	15.99
27	Komatsu Forklift	Alternator (\$102) & Regulator ('89 Kalmar Fork Lift)	170.95
28		Cafeteria Plan - Uninsured Medical Reimbursement	313.00
29	Larsengines	Carburetor Kit for Concrete Saw	38.74
30	Lippincott, Tom	Novato "Toilet Rebate" Program	150.00
31	Mallory	Calibration Gas Cylinder Regulator (\$564) & Chlorine Gas Sensor (\$506)	1,070.75
32	Marin Color Service	Paint Supplies	18.41
33	Marin Reprographics	Drawings of R.W. South Phase 1A (2 sets)	23.44

Seq	Payable To	For	Amount
34	McDaniel, H M	Novato "Toilet Rebate" Program	225.00
35		Vision Reimbursement	350.93
36	MegaPath	DSL Internet Service (2/12/12-3/13/12)	142.30
37	Mello, John	Exp Reimb: Safety Boots	155.31
38	Metrohm USA	Consumables for New Metrohm IC System in Lab	1,277.24
39	New Pig	Disposable Nitrile Gloves (1,500) (\$210), Neoprene Gloves (36) (\$80), Container Labels (500) (\$72) (STP) & All-Purpose Wipes (\$65) (450) (STP)	428.24
40	Novak, Eve	Novato "Washer Rebate" Program	50.00
41	Pace Supply	Meter Spuds (13) (\$88), Nuts (200) (\$138), Bolts (50) (\$106) Bushings (25) (\$98), Ells (2), Meter Box (\$89) & Double Check Detector (\$4,576) & Flange (\$429)	5,545.43
42	Palladium Realty	Refund Overpayment on Closed Account	24.61
43	PERS Retirement System	Pension Contribution PPE 2/15	43,349.51
44	Point Reyes Light	Display Ad: Legal Notice (Point Reyes Well No 3 Replacement Project)	196.80
45	Radio Shack	Cell Phone Holder (Latanyszyn)	7.47
46	Rey Service	Service on HP 800 Plotter (Eng)	240.00
47	Reyes, Theresa	Novato "Toilet Rebate" Program	75.00
48	Roberts & Brune	Clamps (6) (\$175) & 2" Air Release Valves (4) (\$2,257)	2,432.72
49		Cafeteria Plan - Uninsured Medical Reimbursement	135.00
50	Rozek, Iride	Novato "Washer Rebate" Program	50.00
51	Sermersheim, Michael	Refund Overpayment on Closed Account	15.84
52	Silvers, Robert	Novato "Toilet Rebate" Program (\$150) & Refund Alternative Compliance Reg 15 Deposit (\$630)	780.00

Seq	Payable To	For	Amount
53	Soiland	Fee for Asphalt Recycling (5.80 tons)	10.00
54	Sullivan, Steve	Novato "Washer Rebate" Program	50.00
55	Talley Communications	Radio Telemetry Antenna (\$87), Cable & Connectors	130.81
56	USA BlueBook	Grease (20 14oz Cartridge) (\$154) (for Pumps & Motors @ STP) & Lab Supplies for Tribuidmeter @ STP (\$140)	294.05
57	Watersavers Irrigation	Weed Killer Concentrate (1.67 gal)	91.47
58	Winzler & Kelly	Engineering Services: Pt Reyes Well #3 (Balance Remaining on Contract \$19,506)	780.43
59		Cafeteria Plan - Child Care Reimbursement	400.00
60	Young, Leigh	Novato "Toilet Rebate" Program	225.00
		TOTAL DISBURSEMENTS	<u>\$489,060.10</u>

The foregoing payroll and accounts payable vouchers totaling \$489,060.10 are hereby approved and authorized for payment.

Donna Lenore
 Auditor-Controller 2/17/12
 Date

Chris DeFabriele
 General Manager 2/21/2012
 Date

DISBURSEMENTS - DATED FEBRUARY 29, 2012

Date Prepared: 2/28/12

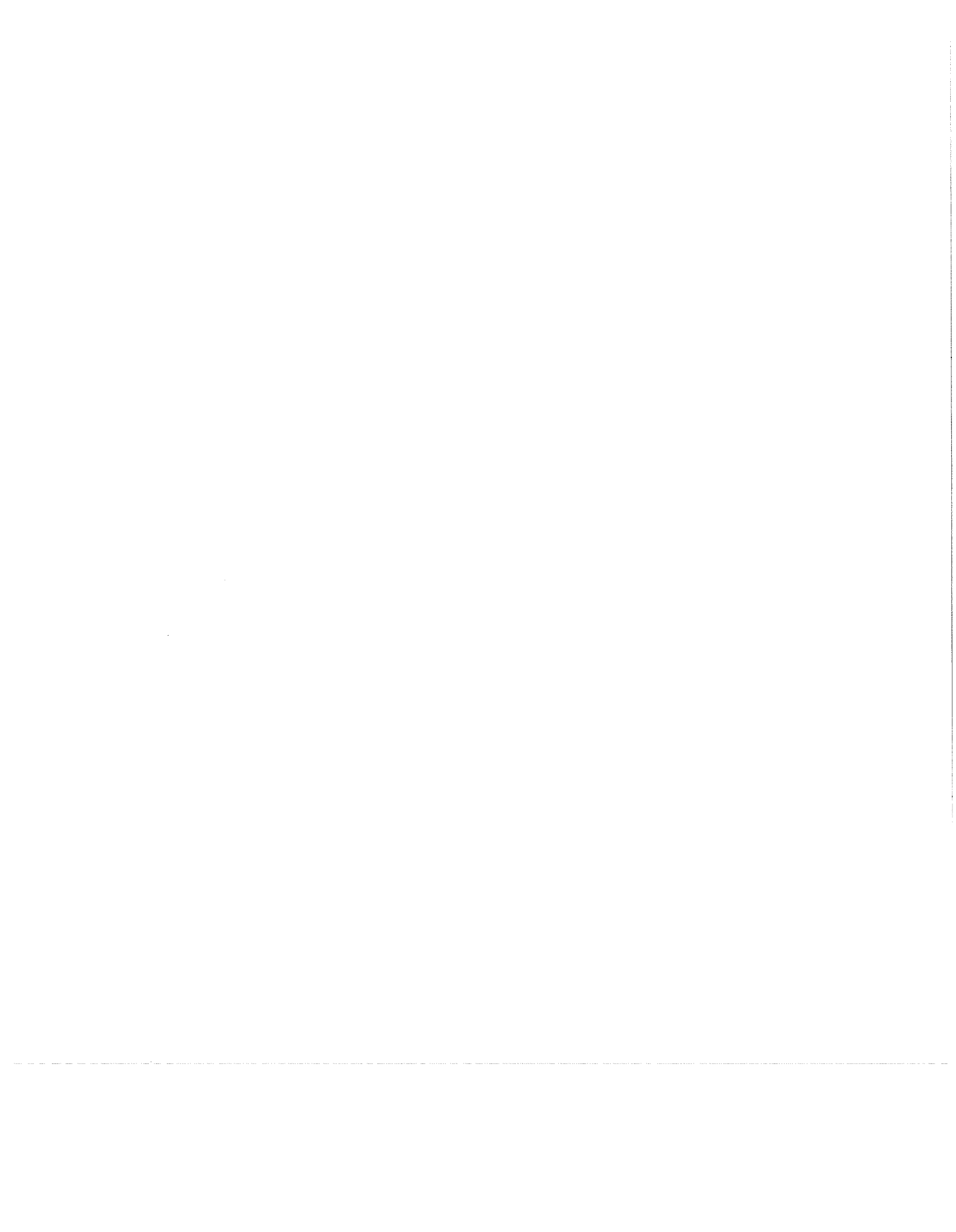
The following demands made against the District are listed for approval and authorization for payment in accordance with Section 31302 of the California Water Code, being a part of the California Water District

Seq	Payable To	For	Amount
42361	Allied Heating & Air Conditioning	Quarterly Maintenance on HVAC System (12/1/11 - 2/29/12)	\$350.00
2	Allied Electronics	Electrical Supplies	229.75
42362	Arrow, David	Novato "Washer Rebate" Program	50.00
42363	AT&T	Telephone Charges: Leased Lines	62.86
42361	AWWA CA-NV SEC	Reg Fee: CA-NV AWWA Conference (McIntyre)	140.00
42365	Bastogne	Refund Overpayment on Closed Account	59.14
42366	Calif Public Health Services	FY11/12 Small Water System Fee (Pt Reyes)	4,572.00
42367	CDW-Government	Serial Adapter & DVI Cables (2) (\$40) (STP)	76.23
42368	Check, Wayne	Novato "Washer Rebate" Program	50.00
42369	Covello Group	Prog Pymt #9: Recycled Water Pipeline Expansion (Balance Remaining on Contract \$273,835)	45,909.47
11	The Dance Palace	Church Building Rent for Board of Directors Meeting - July 3, 2012	36.00
42371	Doran, Leslie	Novato "Washer Rebate" Program	50.00
42372	Draeger Safety	Annual Testing & Service of SCBA Equipment & Fit Testing of TP Operators	834.80
EFT	Electrical Equipment	Pump Panel Switches (\$351) & Legend Plates	361.22
42373	E & M	STP Variable Frequency Drive Programming Software	58.40
42374	Emed	Signs: Corrosive Liquid, Hydroxide & Corrosive Symbol (STP)	65.32

Seq	Payable To	For	Amount
42375	Farwest Corrosion Control	Stainless Steel Terminals (25) (\$394), PVC Conduit (8) (\$95) & 2 Replacement Tank Cathodic Protection Reference Cells (\$1,058)	1,547.61
EFT	Fisher Scientific	Pipet Tips (200) (\$89), Pipets (36) (\$214) & Nitrogen Standard (Lab)	314.01
42376	Garbarino, Danielle	Novato "Washer Rebate" Program	50.00
42377	Gaya, DB	Prog Pymt #1: Tank Coating Inspection for Crest Tank No 1 (Balance Remaining on Contract \$4,260)	5,240.00
EFT	Golden Gate Petroleum	Diesel Motor Oil (100 gals) (\$1,332), Gasoline (\$3.70/gal) & Diesel (\$3.93/gal)	5,089.37
42378	Grainger	10 pc Hex Bit Socket Set (\$54), Fluorescent Lamps (36) (\$89) & Adjustable Pipe Stands (3) (\$232)	375.17
EFT	Grisso, Ryan	Cafeteria Plan - Child Care Reimbursement	1,041.65
EFT	Groeniger	Air Release Valves (2)	873.65
42379	Harris, Cara	Novato "Washer Rebate" Program	50.00
EFT	Hertz Equipment Rental	Crawler/Loader Rental (Dam Repair)	1,399.65
26	Hoffman, Mary	Novato "Washer Rebate" Program	50.00
42381	Irish & Son's Welding	Claim Settlement - Reimbursement for Cost to Repair Damage to Pick-up Truck Incurred on Job Site Allegedly Caused by District Employee	1,294.06
42382	Kauwe, Joe	Cafeteria Plan - Uninsured Medical Reimbursement	265.00
42383	Lincoln Life	Deferred Compensation PPE 2/29	9,623.33
42384	Madison, Carolyn	Novato "Washer Rebate" Program	50.00
EFT	Maltby Electric	Wire for STP (1,000')	100.99
42385	Manzoni, Alicia	Vision Reimbursement	247.97

Seq	Payable To	For	Amount
42386	Marin County Registrar of Vote	Charges for Nov 8, 2011 General Election (Setup Fee) (Budget \$60,000)	250.00
EFT	McLellan, WK	To Replace Cancelled Check - Lost	11,720.88
42387	National Deferred	Deferred Compensation PPE 2/29	1,025.00
EFT	Neopost USA	February Meter Rental on Postage Machine	65.10
42388	Novato Disposal Service	January Trash Removal (\$413) & Remove Misc Debris from Various Tank Sites (\$309)	722.59
42389	O'Keefe, Tracy	Novato "Washer Rebate" Program	50.00
EFT	Pace Supply	6" PVC Pipe (180') (\$565), 2" Copper Pipe (740') (\$10,150), Vaults (2) (\$1,116), Nuts (64) (\$112), Couplings (51) (\$2,223), End Cap Coupling (\$147), Service Saddle Strap (\$81), Brass Caps (6), Box Lids (2), Bushing & Nipples	14,600.53
EFT	Pape Material Handling	Bucket Lock Handle Bushing ('00 Bobcat Loader)	20.30
EFT	Parkinson Accounting Systems	Jan Accounting Software Support (\$450) & Programming to Automate Material Cost Analysis Report (\$487)	937.50
41	Patteson, Scott	Novato "Toilet Rebate" Program	150.00
42391	PERS Health Benefits	March Health Ins Premium (Employees \$52,216, Retirees \$10,443 & Employee Contrib \$6,929)	69,587.85
42392	NMWD Petty Cash	Petty Cash Reimbursement: Bridge Toll, Mileage, Safety Snacks, Household Supplies, PVC Pipe Cutter & Reimbursement for Overpayment for Plans & Specs	134.00
42393	Red Wing Shoe Store	Safety Boots (Cilia & Ortiz)	375.74
42394	Richter, Kimberly	Novato "Washer Rebate" Program	50.00
42395	Roberts & Brune	Hex Nuts (\$251) & Bolts (400 ea) (\$1,011)	1,262.94
EFT	Roberts, Renee	Cafeteria Plan - Uninsured Medical Reimbursement	1,240.00

Seq	Payable To	For	Amount
42396	Roy's Sewer Service	Televising, Inspection & Cleaning of Oceana Marin Sewer System	7,080.00
42397	Sadeghi, Jahangir	Novato "Washer Rebate" Program	50.00
42398	School Fuel	Sponsorship of 2012 Tour of Novato Event	250.00
42399	Scott, Christine	Novato "Toilet Rebate" Program	300.00
52	Siemens Water Technologies	Service on Lab Deionized Water System & Deionization Rental Charge (10/1/11 - 3/31/12)	555.99
42401	Skow, June	Novato "Toilet Rebate" Program	150.00
42402	Soiland	Fee for Asphalt Recycling (5.80 tons)	10.00
EFT	Sonoma County Water Agency	January Contract Water	239,314.35
42403	Stompe, Brad	Exp Reimb: Reg Fee - AWWA Spring Conference (Connolly, Jennison, Stafford & Stompe)	920.00
42404	Stonehenge Property	Refund Security Deposit on Hyd Meter Less Final Bill	396.15
EFT	Township Building Services	January Janitorial Service	1,754.84
42405	United Parcel Service	Delivery Service: Sent Plans & Specs for RW Phase 1A & RW North	14.94
EFT	USA BlueBook	Pressure Gauges (4) (\$206) & Copper (Materials for Monitoring Pressure on Sand Pumps @ STP)	274.95
42406	Verizon California	Telephone Charges: Leased Lines (\$578) & Minimum (\$27)	605.78
42407	VWR International	Hydrogen Peroxide (STP)	88.03
42408	White & Prescott	Engineering Services: Easements - Wild Horse #2 (Balance Remaining on Contract \$5,285)	2,560.00





**NORTH BAY
WATERSHED ASSOCIATION**

Bel Marin Keys Community
Services District

Central Marin Sanitation Agency

City of Petaluma

City of San Rafael

City of Sonoma

County of Marin

County of Sonoma

Las Gallinas Valley Sanitary District

Marin County Stormwater Pollution
Prevention Program

Marin Municipal Water District

Napa County Flood Control and
Water Conservation District

Napa Sanitation District

North Marin Water District

Novato Sanitary District

Sonoma County Water Agency

Sonoma Valley County
Sanitation Agency

Associate Members:

City of Novato

The Bay Institute

Tomaes Bay Watershed Council

Group Members:

City of Mill Valley

Sewerage Agency of
Southern Marin

February 22, 2012

Chris DeGabriele
North Marin Water District
999 Rush Creek Place
P.O. Box 146
Novato, CA 94948

**RE: SPONSORSHIP FOR THE APRIL 13, 2012
NORTH BAY WATERSHED ASSOCIATION CONFERENCE**

Dear Chris:

I am delighted that North Marin Water District is participating as a Water Associate Sponsor for the 2012 North Bay Watershed Association Conference – “*CLIMATE CHANGE: How Can We Be Ready?*” to be held on Friday, April 13th at the Sheraton Petaluma. To see the full program please go to our website:
http://www.nbwatershed.org/uploads/2012ConferenceFlyer_011312.pdf

Your sponsorship includes two complimentary registrations. You have let us know that Jack Baker and Rick Fraites will be using the complimentary registration tickets and my Assistant, Elizabeth Preim-Rohtla has registered them. Additional attendees are, of course, welcome to register online at:
<http://www.nbwatershed.org/>

Also, please send in your organization’s logo for your other sponsor benefit of name and logo displayed on the NBWA website for one year. You can contact our event planner, Marinda Freeman, MF Productions via email at marinda@mfproductions.net or call her at (415) 924-9145.

If you have any questions you can reach me at this address, by phone at (415) 389-8237, or by email at harryser@comcast.net. I look forward to hearing from you.

Sincerely,

Harry Seraydarian

Harry Seraydarian
Executive Director
North Bay Watershed Association

Bono Misc

TOMALES BAY WATERSHED COUNCIL FOUNDATION

Mr. David Bentley
North Marin Water District
PO Box 146
Novato, CA 94948-0146

RECEIVED

FEB 24 2012

North Marin Water District

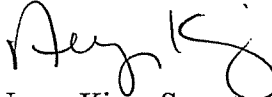
Feb. 22, 2012

Dear Mr. Bentley,

Thank you for your generous, tax deductible donation of \$1,000 to support the ongoing efforts of the Tomales Bay Watershed Council (Council). The Council created the Tomales Bay Watershed Council Foundation in 2004, a non-profit corporation (EIN #56-2464115) established to receive and administer funding to support watershed stewardship, habitat and water quality improvements in the Tomales Bay watershed.

We depend on the donations we receive to continue this important and meaningful work, and we cannot thank you enough for your support. You can read more and track our progress through our website at www.tomalesbaywatershed.org, or by joining our mailing list.

Sincerely,


Neysa King, Secretary



Marin County Farm Bureau Year in Review-2011

Received California Farm Bureau Federation's 2011 County Activities of Excellence Awards for Membership, Policy Implementation, Ag Education and Public Relations. Received President's Award for Membership and Policy Implementation. Attained or exceeded membership goals in every quarter.

Held a successful 88th Annual Dinner Meeting honoring Nelson Gremmels and Joan Thayer, Friend of Farm Bureau, and Ralph Grossi, Lifetime of Achievement.

Co-sponsored Marin County Farm Day and essay/mural contest with over 500 school children attending at Marin Civic Center.

Participated in Western Weekend with a successful BBQ, fundraiser and community outreach including FFA members.

Continued participation in the Local Coastal Program Update process.

Helped organize, participated in, sponsored and did outreach for a series of successful "Community Conversations" to educate and create a dialogue between ranchers and farmers and the local community.

Hosted the annual VIP Luncheon for county officials and MCFB members, providing opportunities for informal networking.

Represented Farm Bureau at meeting involving issues impacting members, including Marin Agricultural Land Trust, Resource Conservation District and Agricultural Institute of Marin.

Supported members with agriculture-friendly development applications processes.

Attended California Farm Bureau Federation meetings and functions including CAC's Leadership Conference and the annual meeting in Sparks, Nevada.

Special Thanks to:

State Fund	American Ag Credit Wine	Allied/Nationwide
Grange Credit Union	All the people who donated RAFFLE items	
		CFBF

89th Annual Meeting of the Marin County Farm Bureau

February 24, 2012

Margaret Todd Sr. Center
1560 Hill Rd.
Novato, Ca.

**Marin County Farm
Bureau Officers**

**Dominic Grossi
President**

**Martin Pozzi
1st Vice President**

**John Taylor
2nd Vice President**

**Cindy Pomi
Secretary**

**Jerry Corda
Treasurer**

Board of Directors

Judy Borello	Dominic Grossi
Ione Conlan	Mike Lawson
Jerry Corda	Steve Mahrt
Liz Cunningham	Peter Martinelli
Sam Dolcini	Cindy Pomi
David Evans	Martin Pozzi
Nancy Gates	Sally Pozzi
Jerry Gause	John Taylor

Hosted Social Hour

6:00

Invocation

7:00

Dinner

Welcome & Introductions

New Business

Nominating Report & Elections

Land Use Report

Dominic Grossi

Farm Team Report

Nancy Gates

Friends of Farm Bureau

Hal Brown

Lifetime Achievement Award

George Grossi

Adjournment

Raffle & Silent Auction

ACWA's 2012-'13 Outreach Task Force Appointed

New ACWA President Randy Record appointed members to the 2012-'13 Outreach Task Force, which was ratified by the ACWA Board of Directors.

Established in 2000, the task force helps guide the ACWA outreach program, implement new policies, create programs and resolve issues that arise on outreach issues during the two-year term.

The composition includes: two representatives from the regions and two representatives from each of the following committees: Communications, Local Government, State Legislative, Water Quality and Federal Affairs.

On the task force this term are:

Chair Dennis Cocking – South Tahoe Public Utility District, Region 3

Beth Beeman – Irvine Ranch Water District, Region 10

Maria Mercardante – Western Municipal Water District, Region 9

Glen Peterson – Las Virgenes Municipal Water District, Region 8

Dick Quigley – Zone 7 Water Agency, Region 5

Pablo Ramudo – North Marin Water District, Region 1

Jo Lynne Russo-Pereyra – Cucamonga Valley Water District, Region 9

Brad Sherwood – Sonoma County Water Agency, Region 1

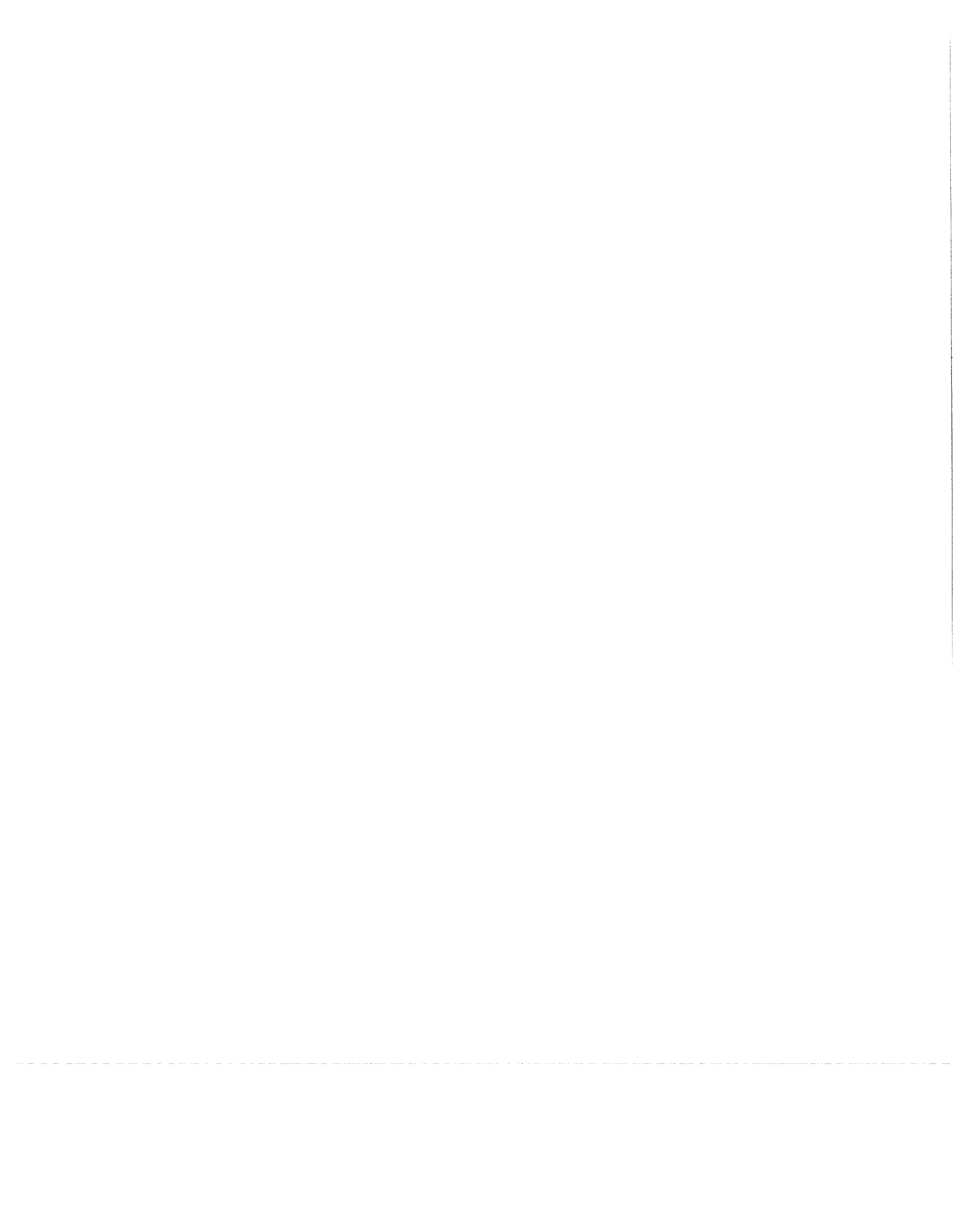
Kevin Thomas – Sacramento Suburban Water District, Region 4

Cristel Tufenkjian – Kings River Conservation District, Region 6

Brent Walthall – Kern County Water Agency, Region 7

Stan Wangberg – Anderson-Cottonwood Irrigation District, Region 2

For questions on ACWA's Outreach Program, please contact ACWA Outreach Specialist Ellen Martin at 916.441.4545 or ellenm@acwa.com.



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Former Rohnert Park councilman Smith to challenge Zane for supervisor seat

By BRETT WILKISON
THE PRESS DEMOCRAT

Published: Wednesday, February 29, 2012 at 4:17 p.m.

Shirlee Zane will have a challenger after all in her bid for re-election to the Sonoma County Board of Supervisors.

Former Rohnert Park Councilman Tim Smith launched a bid Wednesday to unseat Zane in the June election, which means that all three supervisorial seats up for grabs will have contested races.

Smith, 57, ran unsuccessfully for the 3rd District supervisor's seat in 2008, placing third in a June primary, behind former Santa Rosa Councilwoman Sharon Wright and Zane, who went on to claim the seat in November.

An attorney specializing in business and estate planning, Smith served a single four-year term on the Rohnert Park council, including a year as mayor. He was ousted in the November 2008 election, when control of the council shifted to a business-oriented majority.

The 3rd District seat, which represents most of central Santa Rosa and Rohnert Park, was held for 20 years by Supervisor Tim Smith, no relation to the former Rohnert Park councilman.

Up until now, Zane, a former Council on Aging chief executive officer and the current board chairwoman, had been unopposed in her re-election bid.

Smith said he was jumping into the race partly to make sure the seat didn't go uncontested.

"The chance of serving and having an improved supervisor in the seat if nobody runs against the incumbent is nil," he said. "I think democracy deserves debate."

Smith on Wednesday pulled nominating papers and paid a \$1,340 filing fee to enter the race, which has a filing deadline of March 9.

He also discontinued a blog, California Commons, that he has written on The Press Democrat's website since 2009.

Smith's campaign faces a "heavy lift," said David McCuan, a Sonoma State University political scientist.

Zane, 52, is a powerful incumbent with strong ties to some of the same environmental and union support that Smith might court, McCuan said.

"He's going to need not only money and some organization but folks out on the ground who are going to help him with that heavy lift," McCuan said.

Zane reported nearly \$50,000 in campaign cash last month. Smith said he would seek to chip away at that edge, starting with a \$3,000 personal loan to his campaign.

Smith said he had not yet prepared his campaign platform. "I might be what some people perceive as to the left of (Zane) environmentally and to the right of her on fiscal issues," he said.



He mentioned reducing the county's rising retirement costs, a campaign Zane has sought to lead. Smith said so far that effort has not produced any results.

"Sonoma County pensions have yet to be addressed," he said.

Zane countered, saying a report she crafted with Supervisor David Rabbitt will guide pension system changes through contract talks and legislative moves in Sacramento.

"It's more than a report. It's a strategic plan with very aggressive goals," she said.

She welcomed Smith's challenge, but at the same time lamented it as a "diversion."

"I'd rather give 110 percent attention to my job," Zane said.

During his tenure on the City Council, Smith and his allies, including current Mayor Jake Mackenzie, clashed with the Rohnert Park Public Safety Officers' Association and then-city manager Carl Leivo over employee benefits.

Smith opposed increased benefits and pushed to have them reduced. His 2008 ouster came after a strong campaign from the peace officers' association targeting him and other incumbents.

Smith said the fight would not limit his county campaign.

"I've had labor endorsements and I'm going to actively seek endorsements," he said.

But many of those endorsements have already been handed out. Mackenzie, the Rohnert Park mayor, for example, has already endorsed Zane.

He called Smith "a close friend" but said he was puzzled over his decision to run, calling it "quixotic."

The county's largest environmental group, Sonoma County Conservation Action, endorsed Zane this week.

The leading labor coalition, the North Bay Labor Council, endorsed Zane in 2008. It has not issued endorsements for this election cycle, but its leader said Smith would have to fight hard to wrest its support away from Zane.

"She is a zealous advocate for her constituents," said Lisa Maldonado, the council's executive director. "Not just Tim Smith, but any candidate would have to work hard to convince labor that they should change their endorsement."

pressdemocrat

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Jacobi to challenge Carrillo for west county supervisor's seat

By *BRETT WILKISON*
THE PRESS DEMOCRAT

Published: Sunday, February 26, 2012 at 3:54 p.m.

Former Santa Rosa Councilwoman Veronica Jacobi plans to challenge Sonoma County Supervisor Efred Carrillo for his west county seat in June's election.

Jacobi, 53, a mechanical engineer and energy management consultant, served a single four-year term on the City Council before being ousted in the 2010 election when a slate of pro-business candidates shifted the council majority.

She ran unsuccessfully in 2004 and 2008 for the Board of Supervisors 3rd District seat, which includes central Santa Rosa and much of Rohnert Park.

Several weeks ago, she moved into a Roseland-area home she bought in 2010, which put her into Carrillo's 5th Supervisorial District, which takes in most of the west county, including west Santa Rosa, Sebastopol, the Russian River corridor and the coast from Bodega Bay to Mendocino County.

She said her move was motivated by her interest in challenging Carrillo, who was elected in 2008. Jacobi becomes Carrillo's only challenger so far in the contest, which has a March 9 filing deadline.

Jacobi has taken out nominating papers and filed a form declaring her intent to run.

A staunch supporter of environmental causes, Jacobi said she intends to take aim at Carrillo's voting record on land-use issues.

Carrillo, 30, has backed several controversial projects, including a large Russian River gravel mine outside of Geyserville and the Dutra Materials asphalt plant south of Petaluma.

Both projects have been tied up in lawsuits, part of a wave of legal challenges prompted by county decisions two years ago that led some advocates and constituents to question Carrillo's environmental values.

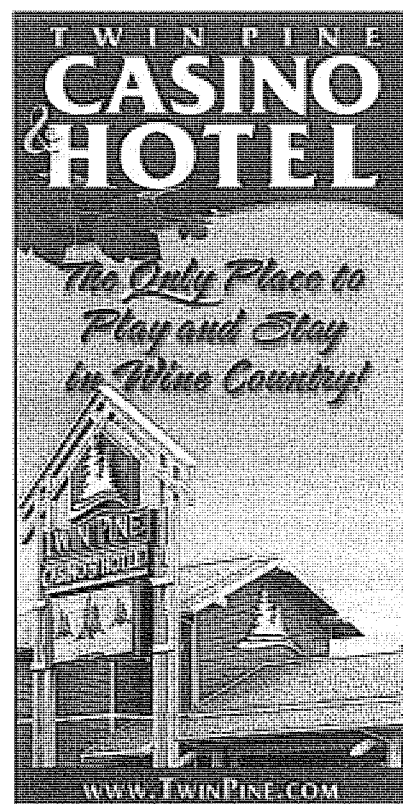
"We need to protect the beauty that we have here and the quality of life we have here," Jacobi said Friday. "I think the things he is pursuing, some of them will hurt us in the long term."

Carrillo said he welcomed the competition and the opportunity to defend his record, including votes and work on environmental issues. He has framed his most controversial land-use decisions as votes in favor of economic development and job creation.

"We have a vast diversity of needs in the 5th District, including environmental protection and economic development," he said. "I believe I balance those well."

In the other county races this year, the contest for retiring Supervisor Valerie Brown's 1st District seat has produced a crowded field of six candidates. The district includes eastern Santa Rosa and the Sonoma Valley

Supervisor Shirlee Zane faces no challengers in her bid for re-election in the 3rd District.



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In campaign finance reports this month, Carrillo showed \$101,748 in the bank, a formidable amount in any county race. Jacobi acknowledged she long has struggled in fundraising, relying largely on personal donations to finance past campaigns.

Carrillo's near-constant presence at community events and ties to a variety of causes give him another edge in the race, said Mike Reilly, his predecessor in the 5th District office.

"Efren has worked the district really hard in the last three years," Reilly said. "If Veronica decides to take him on, it's going to be a long shot."

Reilly, a longtime member of the state Coastal Commission and ally of environmental groups, retired at the end of 2008 after 12 years on the county board.

The same year, Carrillo, a government relations manager for Redwood Credit Union, claimed the seat in a close victory over Rue Furch, a veteran county planning commissioner.

The outcome was seen as a loss by many environmental advocates. Stretching back to the 1980s, the west county seat has been held by powerful environmental advocates, including Reilly, Eric Koenigshofer and Ernie Carpenter.

Carrillo's candidacy drew on support from business interests, developers and construction companies.

In office, however, Carrillo has sought to reinforce his commitment to a broader slate of issues, including environmental causes. He cited his support for a large county purchase of open space on the Jenner Headlands, his backing of a proposed bid to form a county power agency — a move that could boost green energy development — and his leadership on a fisheries restoration grant program.

"The record speaks for itself," he said. "I believe I'm just as strong of an environmental advocate as most folks in this county."

Still, Carrillo's vote for the Dutra asphalt plant continues to rankle some environmental leaders.

They also are concerned about his possible support for Preservation Ranch, the forest-to-vineyard conversion project proposed on 20,000 acres outside of Annapolis. Carrillo has said he will not weigh in on the project until it comes before the board, a step expected to come after the June election.

The uncertainty has led some to push quietly for his ouster.

Jacobi said she was approached by several individuals about running for the seat this year. She declined to say who she had talked with but noted she was seeking the endorsement of Sonoma County Conservation Action, the largest local environmental group, and the local chapter of the Sierra Club.

The groups interviewed Jacobi for an endorsement last week.

Dennis Rosatti, Conservation Action's executive director, said the groups were set to discuss their decision this week.

He said he had yet to hear back from Carrillo about a questionnaire. He called the supervisor's leadership "a mixed bag."

Jacobi said her focus as a supervisor would be on small business development, increased investment in renewable energy and a more cautious approach to projects and practices involving resource extraction.

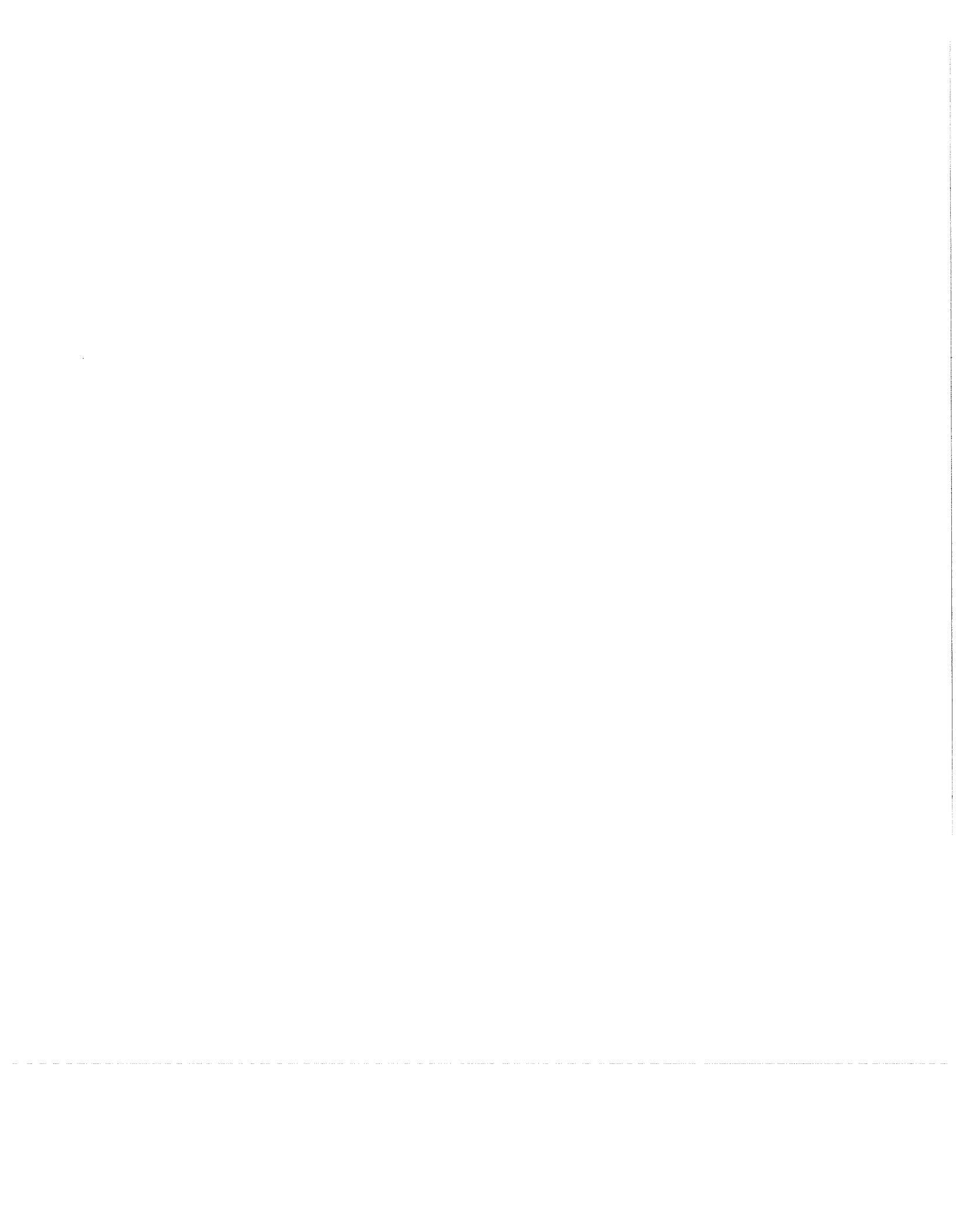
She said she opposes Preservation Ranch as currently proposed.

"We absolutely need to get the economy more resilient," she said. "But it needs to be balanced. When you do resource extraction there are environmental consequences."

She brushed off speculation about her long odds in the race.

"I'm in it to win," she said. "I know it's a difficult race. But difficulty doesn't stop me."

You can reach Staff Writer Brett Wilkison at 521-5295 or brett.wilkison@pressdemocrat.com.



PD Editorial: Fluoridate our water now

Published: Sunday, February 26, 2012 at 4:01 a.m.

In our editorial Friday ("The Problem: Our dental crisis"), we detailed the deteriorating state of oral health in Sonoma County, particularly among low-income children. As the county Task Force on Oral Health notes in its final report — to be presented to the Board of Supervisors on Tuesday — the county is experiencing "a staggering burden of suffering and a growing oral health divide between rich and poor."

The good news is that many of the solutions to the county's dental crisis are within our grasp.

Some of the task force's recommendations are already in the works, including expanding public-private partnerships to reach more people, particularly in low-income areas. Other efforts include opening up more community-based facilities — existing health centers, the Santa Rosa Junior College, etc. — to create more dental clinics. Vista Health Center in northeast Santa Rosa, for example, is looking into opening a clinic. The Petaluma Health Center has launched a WIC (Women, Infants and Children) Dental Days and will soon be starting a version of the successful Mommy and Me program, sponsored by the St. Joseph's Foundation.

Meanwhile, health care leaders, including the Sonoma County Medical Association, are embracing the need to encourage primary care physicians to include oral health assessments as part of their regular patient visits.

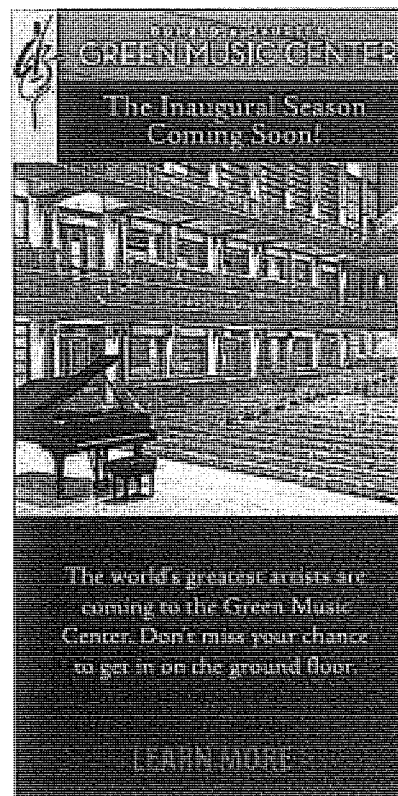
All of these measures are needed and should be pursued. But all of them pale in comparison to the single most cost-effective way that Sonoma County can combat its dental crisis — by fluoridating our water.

The Centers for Disease Control and Prevention has recognized water fluoridation as one of the "10 great public health achievements of the 20th century," ranking in importance with the advent of seat belts and birth control and the recognition of the dangers of smoking. And yet Sonoma County lives in the dark ages on this critical public health issue.

Adding fluoride to public water supplies has been going on for more than 65 years, and the number of communities that are embracing the idea continues to grow. Today, 72.4 percent of the nation's population — or nearly 200 million people — served by public water systems are receiving fluoridated water. More than 8 million live in areas where their drinking water is naturally fluoridated. And yet in Sonoma County, only the residents of Healdsburg and the adjacent Fitch Mountain area benefit from fluoridation.

The health benefits are widely documented. The American Dental Association has called water fluoridation "the single most effective public health measure to prevent dental decay." In areas such as the North Coast where there is already widespread availability of fluoride — from toothpaste and other sources — studies show fluoridated water would reduce tooth decay 20 to 40 percent.

It's also the most cost-efficient way of addressing this kind of community-wide challenge. The average cost of fluoridating water in areas of large population is roughly 50 cents per person per year. Even if it turns out to cost twice that, studies



show that every \$1 invested in water fluoridation ends up saving \$38 in dental treatment costs.

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Nationwide, those without dental coverage now outnumber those without health care insurance nearly three to one. Meanwhile, government agencies at all levels are slashing budgets, leaving them with fewer resources to confront this kind of crisis.

Given all that, fluoridating our water supply is the best hope for addressing what has been identified as Sonoma County's No. 1 unmet health need for children.

So what's the hang-up?

In a word: fear. The issue of fluoridation is often mired in refuted claims of dire health risks, fears based on mumbo jumbo science. But in an era of distrust, they succeed in paralyzing decision-makers and blocking meaningful progress.

The only real health concern is fluorosis, which is caused when someone consumes too much fluoride, possibly resulting in staining and pitting of the tooth surface. Severe fluorosis is rare in the United States. Nevertheless, concern about fluorosis is one of the reasons the U.S. Department of Health and Human Services and the Environmental Protection Agency recently announced a reduction in the recommended level of fluoride in drinking water from 0.9 parts per million to 0.7 parts per million. The lower levels still provide the health benefits of fluoridation, while abating public fears about fluorosis. The net benefit for Sonoma County is that it will make the cost of fluoridating less expensive.

To put this in perspective, 1 part per million of fluoride is equivalent to 1 inch in a 16-mile journey -- an extremely small amount. But all journeys begin with a single step. Sonoma County needs to take this one.

Fortunately, county health officials have already been heading down this road. They're planning to work with the Sonoma County Water Agency this year in identifying the steps and costs that will be needed to fluoridate the county's water.

But this issue has been debated for years and progress has been slow. An update on the local cost of fluoridation isn't expected to come before supervisors until January 2013.

This process needs to be put on a faster track. It's clear Sonoma County can't afford an alternative — and its children can't afford to wait any longer.

It's time to fluoridate.

In San Geronimo Creek, 23 redds were found, and several were seen in its small tributaries. In Devil's Gulch Creek, 11 redds were counted, and for the first time in four years, coho were seen spawning in Cheda Creek. Steelhead trout spawning continues into April. To date, monitors have seen 60 redds and 93 live fish.

Observers report both steelhead and coho are unusually large. Etlinger estimates that improved ocean productivity is likely the primary factor that allowed salmon to grow larger as they matured into adulthood before swimming back to their birth place. He said another potential factor is the restoration of the Giacomini Wetlands, which provided more than 500 acres of new tidal marsh at the mouth of Lagunitas Creek. This provided additional habitat for young salmonids to rest and forage before heading out to the ocean.

Water cutbacks on the horizon

As reported by George Clyde on KWMR's West Marin Report, North Marin Water District (NMWD) directors are preparing for dry year conditions. A combination of low rainfall this season and an out-of-commission well mean NMWD's roughly 1,700 customers in West Marin may be asked to voluntarily cutback water usage by 15% starting in April with the possibility of a mandatory 25% reduction in July. A meeting would be held for district customers (Olema, Inverness Park, Paradise Ranch Estates and Point Reyes Station) to be heard before the cutbacks begin.

One of the two wells on the Coast Guard grounds in Point Reyes Station is partially collapsed. Plans to build a replacement well were submitted to NMWD in January. Permit approvals must be made by county, state and federal agencies.

Decreased fresh water from Lagunitas Creek flows in the summer means greater saltwater entering the aquifer the wells draw from. This year drastically reduced fresh water because of sparse winter rains, combined with sea level rise, will mean further salt water intrusion. Forecasting the amount of salt water and how to reduce it are not technically possible.

Hiking in Point Reyes photo contest

Point Reyes National Seashore Association invites everyone to submit their top three photos of people 'Hiking in Point Reyes' for a chance to be on the cover of its 50th Anniversary spring/summer catalog and on its new website unveiling this spring.

PRNSA is specifically looking for high quality color images (300 dpi or higher) of people hiking the trails in Point Reyes. When you submit your photos you grant PRNSA non-exclusive, non-transferable rights for promotional and marketing purposes. The cover picture is the only one for which the photographer will be awarded a gift certificate.

Submit up to three photos by 5 p.m. Wednesday February 29, on PRNSA's Flickr site, or its Flickr Field Institute Photo Contest site. You can also send photos directly to the address below, or for additional submission methods or questions, contact

ultimately to the Coastal Commission itself. County staff is now working to broaden and deepen the awareness and understanding of the proposed LCP Amendments among residents of the coast, and of the County as a whole. While the LCPA may not entirely break free of the heritage of coastal conflict, we hope the Community Conversation is one step in shedding more light than heat on preparing for the future of the coast we all love.

Please join Community Conversation #9: "The Local Coastal Program Simplified," Sunday, March 4, from 4-6 p.m. at the West Marin Elementary School Gymnasium.

(A summary of the Local Coastal Program Amendment document, a description of the Coastal Permit Process, and a timeline for review of the LCPA by the Board of Supervisors and Coastal Commission, along with a full array of background materials are available at www.MarinLCP.org.)

Conversation provides an opportunity

though many have been very able stewards for well over a hundred years.

We are also fortunate to have Jack Liebster at the helm of our LCP process. Jack has been on the staff of the Coastal Commission or Coastal Conservancy since the earliest days and was the originator of the Coastal Clean-up program that has done so much to keep our coast free of trash.

The Community Conversation coming up on March 4th is an opportunity for us all to discuss what does "protecting" our coast mean to us and how can we accomplish that protection. Do join us and participate in a lively discussion. —*Pitylitis M Faber, Marin Prop 20 Co-chair and former Coastal Commissioner (North Central Region)*

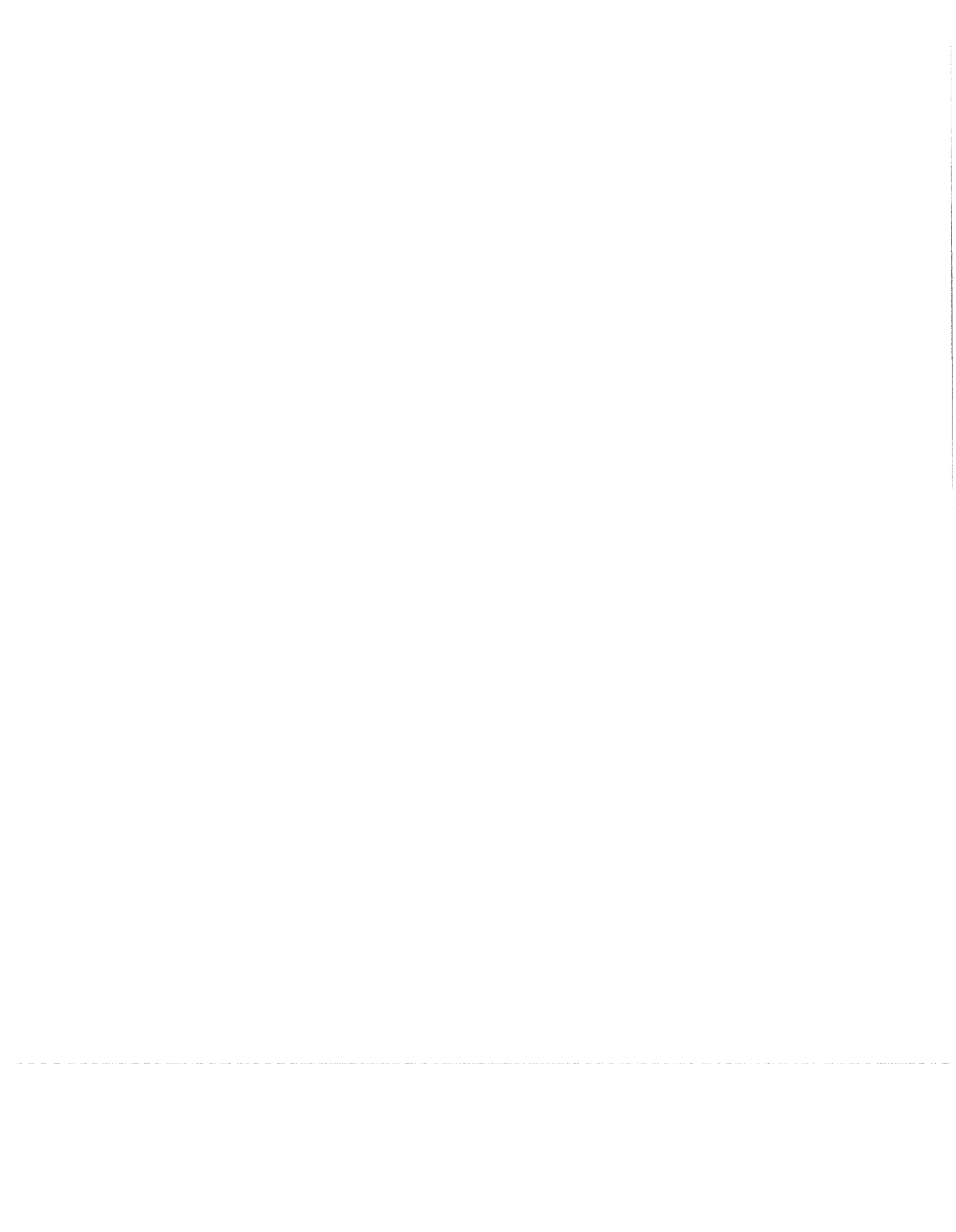
addressed the full range of issues. In 1976, the Legislature amended this plan in a permanent Act and with a state Coastal Act to administer it. Each county is to prepare a "Local Program" (LCP) as a part of its plan.

County was among the first to get its LCP certified by the commission: first the Land Use Plan for the area below Olema in 1980, then the "Unit II" LUP in Sonoma County line in 1981, zoning and Development Code

as more than 30 years ago, and LCP has had some amendments, we been relatively few. These, some important things have. The numbers of visitors to the coast have been increasing. The economy, maintaining agriculture that produces much of our scenic setting and food are more challenging.

the special coast of has never been easy, with the development and local government that have developed as California. Marin has been fortunate as the coast is in public ownership. Coastal zone does cover private particularly in its agricultural

fortunate to have strong zoning have removed much development but that has not solved all. People have different views on "protecting" the coast means. There is agreement even amongst groups as to what is best coast. There is not universal that the ranchers and farmers "the right" thing for their land

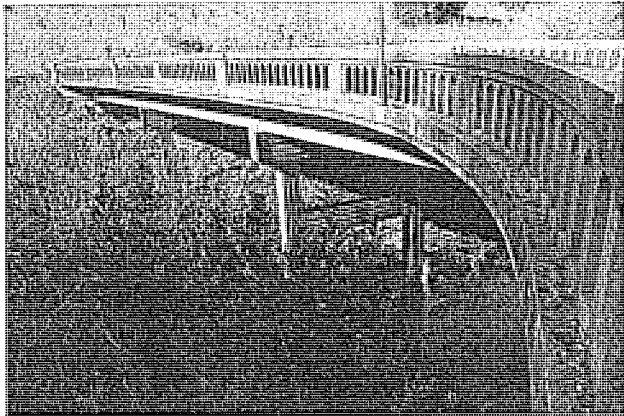


Bad misc

West Marin faces possible water cuts

By Will Jason
Marin Independent Journal

Posted: 02/22/2012 06:17:55 PM PST



Nicasio Creek flows below Platform Bridge Nicasio Reservoir Point Reyes Station, Calif. on Wednesday, Feb. 22, 2012. (IJ photo/Alan Dep) Alan Dep

Despite an unseasonably dry winter, officials predict most Marin residents will not see water restrictions this summer. However, the story could be different for several small West Marin communities, which could see the most restrictive water rules in decades.

Low rainfall and a damaged well are threatening the water supply for some 1,700 residents of Olema, Inverness Park, Paradise Ranch Estates and Point Reyes Station. The four communities near the base of Tomales Bay are served by the Novato-based North Marin Water District, which pumps water from two wells at the edge of Lagunitas Creek.

"Looking at the forecast now, it's pretty likely that some sort of mandatory restriction will take place," said Dennis

Rodoni, an Olema resident and North Marin

Water District board member.

Rainfall this season is about half its typical level for this time of year, according to measurements by the Marin Municipal Water District, the county's largest water provider. The district's reservoirs are filled to about 77 percent of capacity, below the average of 87 percent for this time of year but still not low enough to trigger water rationing, said Libby Pischel, a district spokeswoman.

Officials for the Inverness Water and Sanitation District, Bolinas Community Public Utility District and Stinson Beach County Water District said their water supplies are also safe for now.

But Point Reyes Station and Olema residents could be the first to be

affected by low rainfall, because unless heavy rains fall in March, MMWD will conserve more water in Kent Lake and discharge less into Lagunitas Creek.

Creek flows are regulated by a 1995 state order. The order calls for low minimum flows

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in dry years, but since the order was approved, rainfall has not been low enough to trigger the lowest minimum flows.

That will change this year unless there are nearly 10 more inches of rainfall at Kent Lake by April 1.

Lower Lagunitas Creek flows could immediately affect West Marin by cutting water supply to the North Marin district's creekside wells. Combined with other problems, such as damaged well and saltwater intrusion, lower creek flows could trigger a 10-year-old West Marin emergency water ordinance for the first time, officials said.

The draft ordinance includes a 25 percent mandatory cut to water use. It would be subject to a public hearing and possible changes, said Chris DeGabriele, general manger for the North Marin district.

"We're just in the initial steps of planning for this summer season," DeGabriele said, noting that residents in West Marin have already voluntarily cut their water use by 20 percent in the past few years and that mandatory reductions could possibly be avoided.

The North Marin district has not imposed mandatory rationing in West Marin since 1977 when, amid a severe drought, it cut water use by 30 percent and restricted lawn watering and car washing.

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Russian River science panel created

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THE PRESS DEMOCRAT

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Sonoma County supervisors Tuesday approved formation and funding of an independent science panel to review and recommend studies on the Russian River watershed.

The appointed body, to be headed by a UC Berkeley scientist, will focus on the river and tributaries upstream of Dry Creek, including the stretch of river up to Lake Mendocino east of Ukiah.

Mark West Creek and Green Valley Creek in Sonoma County also will be included.

Sonoma County supervisors, as well as leaders from Mendocino County, backed the effort as a key tool to help comply with federal rules to protect endangered fish species and state rules to govern use of spring flows for vineyard and orchard frost protection.

The rules are major hurdles for growers of the region's leading wine grape crop and for the Sonoma County Water Agency, which taps into the river for public water supply.

Growers cheered the move, saying it would fill gaps in knowledge about the river and settle water policy disputes muddied by politics.

"It has the potential to answer a lot of questions and put to rest a lot of arguments," said Keith Horn, vice president of vineyard operations for the wine giant Constellation Brands.

Sonoma County supervisors echoed those comments, saying solid science will help in juggling the competing demands of water supply for agriculture, homes, recreation and the needs of the river's wildlife. The board's 5-0 vote approved \$47,450 in Water Agency funds for the two-year effort.

Environmental leaders, however, are still largely on the fence about the science panel. They have not opposed it outright and are withholding their support until questions about the panel are answered.

Mostly, advocates say they are concerned growers will hold too much sway over the effort.

The remainder of the \$107,000 in funding comes from groups or agencies that have lobbied on behalf of growers and against a state crackdown on use of river water for frost protection, advocates argue.

That includes support from the panel's proposed administrator, the California Land Stewardship Institute, the nonprofit that administers the Fish Friendly Farming certification program in Napa, Sonoma, Mendocino, and Solano counties.

"Is this going to do real science or is it going to be used to greenwash the grape industry's existing practices?" said David Keller, Bay Area director for the Friends of the Eel River. "That remains to be seen."



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The panel is to be overseen by Professor Matt Kondolf, chair of the landscape architecture and environmental planning department at UC Berkeley.

The other seven or eight members are to be appointed by a committee made up of representatives from the Sonoma County Water Agency, the National Marine Fisheries Service, which oversees the river's struggling steelhead and salmon stocks, a Mendocino County flood control district and two grower groups.

The Sonoma County Water Coalition, which includes 32 environmental groups, also has been invited to provide a representative for the selection panel.

Stephen Fuller—Rowell, a co-founder of the coalition, said the group was taking a "wait and see" position on whether it would endorse the effort.

If it does not, an environmental representative for the selection panel could be appointed by Kondolf, the chairman, or by another local group.

County Water Agency officials said they hope panel selection will begin in several weeks.

The final group of scientists will review existing data, including reports from growers' stream monitoring stations, and recommend areas for additional work.

The main product will be a conceptual model of the river, detailing the demands of various user groups, the link between surface and ground water, and impacts of managed changes in river flows, said Jay Jasperse, chief engineer at the county Water Agency.

"It's the story of how the river works," he said. "It's not a static system and influences on it aren't static either. We don't understand near enough about it as we should."