



**NORTH MARIN WATER DISTRICT**  
**AGENDA - REGULAR MEETING**  
 August 5, 2014 – 7:30 p.m.  
 District Headquarters  
 999 Rush Creek Place  
 Novato, California

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Est. Time	Item	Subject
7:30 p.m.		<b>CALL TO ORDER</b>
	1.	<b>APPROVE MINUTES FROM REGULAR MEETING</b> , July 15, 2014
	2.	<b>GENERAL MANAGER'S REPORT</b>
	3.	<b>OPEN TIME: (Please observe a three-minute time limit)</b>  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.	<b>STAFF/DIRECTORS REPORTS</b>
		<b>CONSENT CALENDAR</b>  The General Manager has reviewed the following items. To his knowledge, there is no opposition to the action. The items can be acted on in one consolidated motion as recommended or may be removed from the Consent Calendar and separately considered at the request of any person.
	5.	<b>Consent – Approve</b> Text for Novato “ <i>Water Line</i> ”, Volume 16, Issue 33
	6.	<b>Consent – Approve</b> Approval for Out-of-State Travel to Attend CA-NV AWWA Fall 2014 Conference
8:00 p.m.		<b>ACTION CALENDAR</b>
	7.	<b>Consider:</b> Bill Adjustment – High Water Use – 864 Eucalyptus Ave.
	8.	<b>Approve:</b> Drought Emergency Water Conservation Regulations <span style="float: right;"><b>Resolution</b></span>
	9.	<b>Approve:</b> Korean Church (APN 125-130-13) – New Easement and Tree Removal Costs
		<b>INFORMATION ITEMS</b>
	10.	Marin County Long Term Water Supply Workshop
	11.	Resolutions Supporting Fresh Water Flows in the San Francisco Bay Delta Estuary
	12.	WAC/TAC Meeting - August 4, 2014
	13.	<b>MISCELLANEOUS</b> Disbursements District Safety Incentive Program

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)

<b>Est. Time</b>	<b>Item</b>	<b>Subject</b>
		Oceana Marin Association Meeting – July 19, 2014 Letter to LGVSD Re: STRAW Dominican Leadership Class MST Recycled Water Pipeline Project
		<u>News Articles:</u> Changed Conditions on Russian River Near Wohler Bridge Movers & Shakers: Novato hires new public works director Marin water official appointed to California Water Commission Water restrictions backed by 75 percent of Californians, poll says; Marin residents agree What's happening with Coast Guard Property
9:00 p.m.	14.	<b><i>ADJOURNMENT</i></b>

1





1 Meeting with Krishna Kumar

2 Mr. DeGabriele advised the Board that he and President Rodoni met with Krishna Kumar  
3 from Marin Municipal Water District today regarding the water supply agreement between MMWD  
4 and Sonoma County Water Agency.

5 Oceana Marin Homeowners Association Meeting

6 Mr. DeGabriele informed the Board that he will be attending the Oceana Marin Homeowners  
7 Association meeting on Saturday, July 19<sup>th</sup> and will discuss the budget and rates that were recently  
8 adopted.

9 Marin County Board of Supervisors Meeting

10 Mr. DeGabriele advised the Board that he and Krishna Kumar from Marin Municipal will be  
11 making a presentation about the current water supply and the Housing Element Update to the Marin  
12 County Board of Supervisors on July 29<sup>th</sup>.

13 **OPEN TIME**

14 President Rodoni asked if anyone in the audience wished to bring up an item not on the  
15 agenda and there was no response.

16 **STAFF/DIRECTORS REPORTS**

17 President Rodoni asked if staff or Directors wished to bring up an item not on the agenda  
18 and the following items were discussed:

19 Mr. McIntyre advised the Board that he will be on vacation for the next Board meeting on  
20 August 5<sup>th</sup>.

21 Mr. McIntyre informed the Board that the two new improvement projects added at the end of  
22 the last fiscal year to accommodate SMART work at Hanna Ranch and Roblar Road took longer  
23 than anticipated. He noted that at both locations the water line casing did not extend the full right of  
24 way width He advised the Board that the Hanna Ranch crossing had higher groundwater and  
25 interference with storm drains. Mr. McIntyre advised the Board that because of the delay at Hanna  
26 Ranch, staff requested Ghilotti Construction to complete the Roblar Road casing work. He stated  
27 that staff issued a change order to the existing Ghilotti Aqueduct Energy Efficiency Project contract  
28 in order to get the work done quicker.

29 Mr. McIntyre advised the Board that he will be discussing with the General Manager and  
30 bringing back to the Board, an on-call services agreement with Ghilotti Construction for small  
31 construction related work to provide staff flexibility to accommodate workload fluctuations.

1 Mrs. Young advised the Board that there was a clerical error on the ordinance No. 28  
2 adopted on June 24<sup>th</sup> for the Sewer Service Charge in Oceana Marin. She stated that the ordinance  
3 is No. 30 and spoke with legal counsel regarding this error. She noted that legal counsel advised  
4 that there was no need to publish the change in the newspaper but to record the ordinance change  
5 as a clerical error in the minutes.

6 Director Petterle informed the Board and staff that the Stafford Lake Bike Park has started  
7 construction.

8 Mr. DeGabriele advised the Board that the District had a vehicle in the 4<sup>th</sup> of July Parade this  
9 year to get the message out about the drought. He commended Katie Young, Lia Solar and Dan  
10 Garrett who participated in the parade along with their children. Director Petterle stated that the truck  
11 and employees looked great and that he was very proud of the District.

12 Director Fraites advised the Board that he recently saw a news report about the Dublin-San  
13 Ramon Community Services District having a mandatory 25% restriction and offering customers free  
14 recycled water for gardens and outdoor water use. He suggested the District try a program like San  
15 Ramon's. Mr. DeGabriele stated that he is aware of the program but wanted to investigate the  
16 program more thoroughly.

17 Director Baker advised the Board and staff that has received multiple compliments about  
18 Robert Clark's community involvement. Mr. DeGabriele advised the Board that Mr. Clark is now the  
19 President of the West Marin Rotary Club this year.

## 20 **MONTHLY PROGRESS REPORT**

21 Mr. DeGabriele provided the Board with the Monthly Progress Report for June. He stated  
22 that water production in Novato was down 5% for the year and since February has been down 20%  
23 compared to one year ago. He noted that in West Marin, water production is up 2% for the Fiscal  
24 Year and down 8.5% since February compared to 2013. Mr. DeGabriele informed the Board that to-  
25 date in July, water production is down 12% in West Marin. He advised the Board that Recycled  
26 Water production is up significantly, 129% compared to a year ago. Mr. DeGabriele informed the  
27 Board that Novato received 12.74" of rainfall during Fiscal Year 2014, the third driest year since  
28 1916. He noted that Stafford Lake holds 2,002AF of water, Lake Mendocino holds 42,500AF and  
29 Lake Sonoma hold 167,340AF.

30 Mr. DeGabriele stated that there was one lost time accident in the fiscal year that was  
31 discussed at the last meeting and that the water conservation fiscal year to date program numbers  
32 were higher.

1 President Rodoni asked if the free toilets were included in the water conservation program  
2 count. Mr. DeGabriele stated that he was unsure but the District has given away approximately 500  
3 toilets.

4 Mr. DeGabriele stated that in the Construction department there were 19 service disruptions  
5 in the month of June and 13 services had been replaced. He noted that the construction crews have  
6 been very busy with planned and unplanned activities. Mr. DeGabriele advised the Board that David  
7 Bentley provided the Board with a water production chart for the fiscal year ending it with 3,010MG.

8 Mr. DeGabriele informed the Board that the Complaints and Service Orders were down 9%,  
9 principally due to fewer high bill complaints and service repairs. He reviewed the Customer Service  
10 Questionnaire for the Fourth Quarter and stated that 95% of customers agree the District is doing a  
11 good job, yet only 35% returned the questionnaires.

12 **ACTION CALENDAR**

13 **RESPONSE TO MARIN CIVIL GRAND JURY REPORT – THE SCOOP ON MARIN COUNTY**  
14 **SEWER SYSTEMS: PART I AND PART II**

15 Mr. DeGabriele stated that the District received two reports from the Marin County Civil  
16 Grand Jury entitled: “The Scoop on Marin County Sewer Systems Part I and Part II.” He advised the  
17 Board that he prepared individual responses for each report. He stated that in Part I there were  
18 several recommendations including all districts must work to eliminate spills, all agencies conduct a  
19 flushing program with treated waste water, all agencies continue to cooperate and reduce costs and  
20 an ordinance for private laterals to be inspected and repaired upon change of ownership.

21 Mr. DeGabriele stated that in Part II of the report the District found one recommendation that  
22 will be addressed regarding the posting of the District’s Sanitary Sewer Management Plan on the  
23 District website. He advised the Board that the District will post the plan in the next six months and  
24 advised the Grand Jury in the response letter.

25 On motion of Director Petterle, seconded by Director Schoonover and unanimously carried,  
26 the Board approved the proposed response to the Marin County Civil Grand Jury’s report – “The  
27 Scoop on Marin County Sewer Systems: Part I and Part II”.

28 **GENERAL SERVICES AGREEMENT – CINQUINI & PASSARINO, INC – LAND SURVEYING**

29 Mr. McIntyre stated that due to the varied type of engineering work related to the CIP  
30 Projects, it is necessary for the District to request surveying services from a surveyor on an as  
31 needed basis. He stated that the staff is requesting a Consulting Services Agreement between  
32 NMWD and Cinquini & Passarino for periodic surveying services to assist staff with District workload  
33 demands. He noted that the first task order to be funded through the agreement would be for the

1 topographic survey of So. Novato Blvd as part of the FY15 budgeted CIP to replace the 12-inch cast  
2 iron pipe.

3 On motion of Director Baker, seconded by Director Fraites and unanimously carried, the  
4 Board authorized the General Manager to execute a Consulting Services Agreement between  
5 NMWD and Cinquini & Passarino with a not to exceed limit of \$30,000.

6 **INFORMATION ITEMS**

7 **SWRCB EMERGENCY WATER CONSERVATION REGULATIONS**

8 Mr. DeGabriele distributed a letter to the Board that was submitted to the State Board  
9 yesterday commenting on the Proposed Emergency Water Conservation Regulations. He advised  
10 the Board that the proposed emergency regulations prohibit water waste and authorize a fine up to  
11 \$500 for water wasters, order all water urban suppliers to implement mandatory outdoor  
12 conservation measures, and order water suppliers to provide monthly data on water production and  
13 per capita consumption.

14 Mr. DeGabriele advised the Board that he got together with the SCWA Technical Advisory  
15 Committee members and drafted the letter on behalf of the Sonoma Marin Saving Water  
16 Partnership (SMSWP) and the TAC making comments on the Proposed Emergency Regulations  
17 and assuring the State Board that the partners of the SMSWP have implemented their Water  
18 Shortage Contingency Plans or enacted provisions of the plans including mandatory water waste  
19 prohibition. He noted that the State Board was requested to provide clearer language on the  
20 mandatory outdoor irrigation restrictions. Mr. DeGabriele stated that the \$500 fine was clarified and  
21 will be locally administered as needed.

22 Mr. DeGabriele informed the Board that he attended the State Board hearing where the  
23 proposed regulations were adopted.

24 Mr. DeGabriele stated that once he receives the final information from the State Board that  
25 he will discuss the language with the District's legal counsel on how to enact the Regulations. He  
26 stated that in West Marin, the District is in full compliance and he provided the Board with the  
27 Summer 2014 West Marin *Water Line*, which will be sent out later this week.

28 **CENTRAL CALIFORNIA COAST STEELHEAD RECOVERY PLAN**

29 Mr. DeGabriele provided the Board with information on the Recovery Plan for Central  
30 California Coast Steelhead, which will affect Novato Creek. He stated that the plan is still in draft  
31 form and has not yet been released to the general public. He noted that the public review draft  
32 should be released in approximately one year. He advised the Board that the plan considers the

1 Novato Creek Watershed as a San Francisco Bay Coastal Watershed, similar to Miller and Corte  
2 Madera Creek in Marin County and several Coastal San Francisco Bay Watershed's in San Mateo  
3 and Santa Clara County. He noted that the adjacent Petaluma River and Sonoma Creek  
4 Watersheds are considered in Central San Francisco Bay and have less onerous provisions for  
5 restoring Steelhead trout. Mr. DeGabriele stated that the District has argued that Novato Creek  
6 should be classified the same as the geographically closer Petaluma River and Sonoma Creek. He  
7 advised the Board that staff is also concerned with that the Recovery Plan proposes fish passage  
8 around Stafford Dam, either with a fish ladder or relocating fish.

9 **TAC MEETING – JULY 7, 2014**

10 Mr. DeGabriele provided the Board with a summary of the July 7<sup>th</sup> Technical Advisory  
11 Committee meeting. He stated that Sonoma County Water Agency does not plan on filing another  
12 Temporary Urgency Change Order at this time but might get political pressure to file another order.  
13 He noted that each agency discussed water conservation efforts and that the Town of Windsor has  
14 been using their construction message boards to remind customers to limit outdoor irrigation and  
15 save water. Mr. DeGabriele stated that there was a discussion about the Water Energy Nexus and  
16 replacement of the Water Bond and he asked Mr. Bentley to look in to the changes in the net energy  
17 metering rules.

18 **NBWA MEETING – JULY 11, 2014**

19 Director Fraites advised the Board that he and Director Baker attended the North Bay  
20 Watershed Meeting on July 11<sup>th</sup>. He stated that there were two speakers at the meeting, Terri  
21 Fashing, the Marin County Storm water Pollution Prevention Program Manager who provided a  
22 comprehensive presentation on guidelines for developers to construct projects and how to deal with  
23 storm water runoff and Darcie Luce, from Friends of the San Francisco Estuary, provided a  
24 presentation on the impacts of lower fresh water flows to San Francisco Bay Estuary.

25 **MISCELLANEOUS**

26 The Board received the following miscellaneous items: Disbursements, 2014 West Marin  
27 Water System Master Plan – Comment Deadline to Administrative Draft, 2015 Medical Plan Cost  
28 Decrease, Scrap Metal Receipts, Damage to District Facilities, and Letter regarding Water Research  
29 Foundation subscription.

30 The Board received the following news articles: New rate hike and fees for NMWD users,  
31 Marin grand jury calls for repair of private lateral, 20,000 Salmon into the Sea, Pam Torliatt drops out  
32 of Petaluma council race, State issues new water curtailment orders, plans swifter crackdown on

1 diversions, Bay Area governments make big electric-vehicle buy, Beautiful river, growing thirst,  
2 looming battle over the Eel River and PD Editorial: Water bond is unfinished business.

3 The Board received the following miscellaneous items at the meeting: Updated Letter to  
4 Marin Grand Jury, Letter to SWRCB regarding Emergency Regulations for Water Conservation.

5 **CLOSED SESSION**

6 President Rodoni adjourned the Board into closed session at 8:33 p.m. in accordance with  
7 Government Code Section 54957 for Public Employee Performance Evaluation (One), Title: General  
8 Manager.

9 **OPEN SESSION**

10 Upon returning to regular session at 8:58 p.m., President Rodoni stated that during the  
11 closed session the Board had discussed the issue and no reportable action had been taken.

12 **ADJOURNMENT**

13 President Rodoni adjourned the meeting at 8:59 p.m.

14 Submitted by

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Katie Young  
District Secretary

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**4**

**5**

## MEMORANDUM

To: Board of Directors  
From: Ryan Grisso, Water Conservation Coordinator *RG*  
Subject: Approve Text for Novato "*Water Line*", Volume 16, Issue 33  
W:\Memos to Board\Spring 2014 WaterLine Text 0414.doc

August 1, 2014

**RECOMMENDED ACTION:** Approve Summer 2014 Novato "*Water Line*" Text  
**FINANCIAL IMPACT:** \$7,000 (Included in FY 2014/2015 Budget)

Draft text and design for the Summer 2014 Novato "*Water Line*", Volume 16, Issue 33 is attached for your review. This issue focuses on the current drought and additional outdoor irrigation requirements for this summer, NMWD water conservation programs, water conservation tips, and an advertisement for the free water bottle giveaway.

Should any Board member have individual comments please provide them to the General Manager at the Board meeting on August 5, 2014. The Summer 2014 Novato "*Water Line*" is expected to be mailed in mid-August 2014.

RECOMMENDATION

Board authorize General Manager to approve final text and design of Summer 2014 Novato "*Water Line*", Volume 16, Issue 33.

Approved by GM *CD*Date *8/1/2014*





NORTH MARIN  
WATER DISTRICT

# THE WATER LINE

NOVATO'S WATER CONSERVATION NEWSLETTER • VOLUME 16 ISSUE 33 SUMMER 2014

## The Drought Is Still On

State Water Resources Control Board enacts Emergency Water Conservation Regulations.

Rainfall in 2013/14 (July 1, 2013 to June 30, 2014) totaled 12.74", the third driest year on record. Only water years 1975/76 and 1976/77 were drier. To-date, Novato water customers have done a good job conserving water. Water production from February through June 2014 is down 20%. Thanks for doing your part. Now NMWD asks that you remain diligent in conserving water.

In mid-June the State Water Resources Control Board in Sacramento adopted Emergency Water Conservation Regulations requiring Novato's water waste prohibitions to be applied statewide and requiring mandatory restrictions on outdoor irrigation. Beginning August 6th, watering of any lawn, garden, landscaped area, tree, shrub or other plant except from a handheld hose equipped with an automatic shut-off nozzle, container or drip irrigation system is prohibited. Overhead sprinkler irrigation can be used if you maintain an overall 20% reduction in your water use compared to the same billing period in 2013. Additionally, irrigation systems must operate between the hours of 7 p.m. and 9 a.m. the next day. If irrigation with a sprinkler system results in a waste of water, the irrigation system must be repaired to eliminate such waste or the customer will be prohibited from using the overhead sprinkler system.

We appreciate your help in preserving our water supply!



999 Rush Creek Place  
PO Box 146  
Novato, CA 94948

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

NORTH MARIN  
WATER DISTRICT

PRESORTED  
STANDARD  
U.S. POSTAGE  
PAID  
STRAHMCOM



There's a  
**Drought On.**  
Turn the  
**Water Off.**

[WaterOff.org](http://WaterOff.org)



Printed on Recycled Paper



The official dishwasher of 2014.

Look inside for information on the drought and water saving ideas.

# The Drought Is Still On

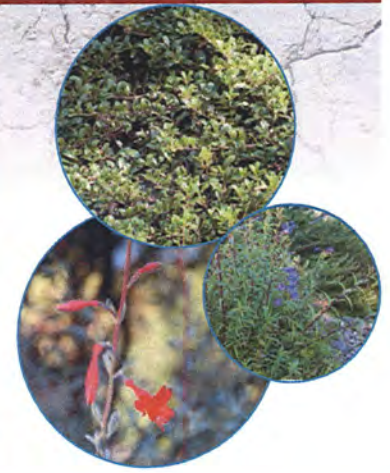
There's a **Drought On.** Turn the **Water Off.**



North Marin Water District is asking customers to reduce water use by 20%.

# How do you save 20%?

	Estimated Savings
Shorten irrigation cycles	100 - 165 gallons per day
Repair leaks and broken sprinkler heads	50 - 100 gallons per day
Adjust sprinklers to prevent over spray	15 - 25 gallons per day
Install a pool and hot tub cover	30 gallons per day
Remove lawn and install low water use plants	33 - 60 gallons per 1,000 sq ft
Turn off the water when brushing teeth	5 - 10 gallons per day
Fix leaky toilets	30 - 50 gallons per day per toilet
Replace older, inefficient clothes washers	20 - 30 gallons per load
Replace toilets installed before 1992	6 - 10 gallons per day



## Free Glass Water Bottle

Receive a free 32 oz glass water bottle when you sign up for a free Water Smart Home Survey!



The survey includes:

- ◆ Free outdoor and indoor water efficiency check.
- ◆ Free landscape irrigation schedule.
- ◆ Free leak detection test.
- ◆ Free rebate and incentive information.
- ◆ Free low-flow showerheads and aerators.

To Schedule Your Free Water Smart Home Survey and Receive Your Free Bottle  
707-547-1909 [www.NMWD.com](http://www.NMWD.com)

## New Rebate Programs Available!

### Pool Cover

Up to \$50 rebate for installing a new solar or safety pool cover with non-netted material. Limit one rebate per household.

### Ultra High Efficiency Toilet

Up to \$150 per pre-1992 toilet replaced with a model that uses 1.1 gallons per flush or less. See [www.NMWD.com](http://www.NMWD.com) for the list of qualifying UHET models. The \$100 HET rebate is also still available for qualifying HET models.

### Lawn Be Gone

Free mulch, compost and cardboard to sheet mulch. Sheet mulching is an effective way to transform grass into a low water use garden without lawn killing chemicals or a sod cutter.

### Hot Water Recirculating

\$75 rebate for a manually activated hot water recirculating pump.

All rebates require a pre-inspection appointment prior to installation/participation. Call 707-547-1909 to schedule.

## Water Smart Savings Program

Call (415) 761-8944 for program details or visit [www.nmwd.com](http://www.nmwd.com)

North Marin Water District wants to help customers use water efficiently. That's why we've put all of our water saving promotions under one umbrella. The *Water Smart Savings Program* encompasses all you need to get started on saving water and saving money. Call (415) 761-8944 for program details or visit [www.nmwd.com](http://www.nmwd.com).

- ◆ **Water Smart Home Survey:** This free service includes indoor and outdoor water efficiency checks: a landscape irrigation system evaluation and basic leak detection test.
- ◆ **Water Conserving Fixtures:** Free showerheads, faucet aerators and self-closing hose nozzles are available upon request.
- ◆ **High Efficiency Toilet Rebate:** Customers who replace an old water-guzzling toilet with a high efficiency toilet are eligible for a rebate.

- ◆ **High Efficiency Clothes Washer Rebate:** NMWD offers a rebate to customers when they purchase a qualifying high efficiency clothes washer.
- ◆ **Cash for Grass Rebate:** Get Cash for removing irrigated and maintained lawn and replacing it with low water use plants or synthetic lawn: Prequalification required.
- ◆ **Water Smart Landscape Rebate:** Rebates available for water efficient landscape equipment, like a new drip irrigation system replacing a spray

- system or a rain shut off device.
- ◆ **Smart Controller Rebate:** A Smart Controller uses weather data and site specific information to automatically adjust run times.
- ◆ **Rainwater Catchment Rebate:** Rebate for collection and storage of rainwater for reuse.
- ◆ **Greywater Rebate:** Rebate for the reuse of water from washing machine, shower or bathroom sink to water landscape plants.



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## MEMORANDUM

To: Board of Directors

August 1, 2014

From: Drew McIntyre, Chief Engineer



Subject: Approval for Out-of-State Travel to Attend CA-NV AWWA Fall 2014 Conference

Z:\CHIEF ENGA\AWWA\CA-NV\Pipeline Rehab Committee\Fall 2014\AWWA CA\_NV Fall 2014 conf justification memo.doc

**RECOMMENDED ACTION:** Approve out-of-state travel for the Chief Engineer to Attend CA-NV AWWA Fall 2014 Conference.

**FINANCIAL IMPACT:** \$1100 (included in FY15 Engineering Dept. Budget)

This year's California-Nevada AWWA Annual Fall Conference will be held on October 20-23, 2014, in Reno, Nevada. The conference will be covering a variety of emerging and timely issues regarding emergency planning, pipeline rehabilitation, water tank rehabilitation, material performance, large meter replacement programs, residential fire service applications and asset management programs. These conferences also offer excellent opportunities for networking with some of the key people in the water industry, as well as developing relationships with our counterparts in other water agencies.

I have been active in the CA-NV AWWA Section for over ten years serving in various leadership roles including chair of the Pipeline Rehabilitation Committee and most recently am completing my one year governing board position as Water Distribution Division Chair. I am also pleased to report that the Section Board recently voted (Attachment 1) to approve my nomination as Trustee for consideration by the general membership at the Fall conference. This governing board position has a three year term. As a trustee, I would be charged with participating in establishing policies of the Section, overseeing execution of Section activities and serving as a liaison to the Division Chairs. In addition to attending the annual fall and spring conferences, the position of Trustee would also require attendance of one or two additional Section Board meetings each year.

Expenses for conference attendance are included in the FY15 Engineering Department budget for meetings and training. Cost to the District is expected to be approximately \$1100: this includes registration, hotel, travel, etc.

RECOMMENDATION

Approve out-of-state travel for the Chief Engineer to Attend CA-NV AWWA Fall 2014 Conference.

Approved by GM CDDate 8/1/2014



CD & BOARD -  
THANKS FOR  
SUPPORTING MY  
ADVANCEMENT  
W/IN CA-NV AWWA  
-DREW

**GOVERNING BOARD REPORT**

**Meeting Date:** July 17, 2014  
**Agenda Category:** New Business – Board Action Requested  
**Strategic Plan Element:** Volunteer Leadership Effectiveness  
**Prepared By:** Dawn White, Chair, Personnel Selection Committee  
Committee members: Sue Mosburg, Kirk Medina, Phil Brun, Steve Dennis

**SUBJECT**

Approve Personnel Selection Committee recommended nominees for Vice-Chair, Association Director, and Trustees.

**BACKGROUND**

One Vice Chair position is open for a term beginning October 2014. The position will progress in the following years to Chair Elect, Chair and then Past Chair, for a total four year commitment. Per the Section’s bylaws, more than one person was interviewed. Written and phone interviews were conducted. Both candidates were exceptional.

Five very strong candidates participated in the Trustee selection process by answering written questions. Two candidates are recommended for nomination. The two Trustees will serve three year terms beginning October 2014.

One candidate is nominated for the position of AWWA Director. The AWWA Director represents the CA-NV Section on the Association Board of Directors. The term is three years and begins in June 2015 at the conclusion of ACE. The recommendation is based on a long history of exemplary service to our Section.

**FINANCIAL IMPACTS**

None

**LEGAL IMPACTS**

None

**MEMBERSHIP IMPACTS**

The nominated slate of officers serves to strengthen the CA-NV AWWA Board’s governance for the purpose of serving its members.



**DOCUMENTS ATTACHED**

None

**RECOMMENDED ACTION**

It is recommended that the Board move, second and approve each of the actions set forth below, in the form of the following motion stated as:

Move to:

Approve the recommended nominations for the following slate of officers:

Vice Chair: Heather Collins

Trustee: Joy Eldredge

Trustee: Drew McIntyre

AWWA Director: Phil Holderness

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## MEMORANDUM

To: Board of Directors  
From: David L. Bentley, Auditor/Controller  
Subj: High Water Use – 864 Eucalyptus Ave.  
\\nmwdsrv1\administration\cons srvc\memo\864 eucalyptus.doc

August 1, 2014

**RECOMMENDED ACTION:** None

**FINANCIAL IMPACT:** None

Ms. Sandra Carey, 864 Eucalyptus, does not agree with her water use for her bills starting in July 2012. We first checked the meter March 2012 found no leaks and the meter reading to be correct. We then checked it again in June 2012 and found no leaks and the read to be correct. We again checked the meter in July 2012 and found 2 very slow leaks. Then in March 2014 on 2 different occasions we checked the meter. The first investigation noted by the Field Service Representative (FSR) was that there were no leaks and the meter reading was correct. The FSR called Ms. Carey to let her know he thought it was a problem in the irrigation. On March 7, 2014 the FSR meet with Ms. Carey and turned the irrigation system off for the customer. In March 2014, Ms. Carey requested a bill adjustment for an unknown reason. Water Conservation staff conducted a Water Smart Home Survey on April 2, 2014. At the time of the WSHS no leaks were found and no unusual activity was found. Ms. Carey was given an adjustment for her bill rendered March 2014 in the amount of \$378.94 based on Board policy.

As you can see from the timeline recounted staff has worked extensively with Ms. Carey.

**RECOMMENDATION:**

The water did go through the meter. Staff recommends that the bill stand as rendered.

*Sandra and Edward Carey*

July 11, 2014

Dennis J. Rodoni  
President  
Jack Baker  
Vice President  
North Marin Water District  
999 Rush Creek Place  
Novato, CA 94945

RECEIVED

JUL 11 2014

North Marin Water District

Dear Messrs Rodoni and Baker:

In late 2011, I inherited the property as 864 Eucalyptus Avenue, Novato, CA. This property was owned by my Mother – she and my Father bought the home in 1969 and were, therefore, customers of North Marin Water District (NMWD) for many years. I, in turn, became a customer as well.

We began to experience wildly fluctuating usage reports/billings from NMWD soon after my Mother's death. These fluctuating uses began to be extreme in or around June/July, 2012. I had several discussions with NMWD personnel on the subject, all of which were deeply unsatisfying and decidedly unhelpful.

The usage reports/bills would be seemingly fairly normal one billing period and ludicrous the next. Remember, there was no one living in the house and the house was secured with alarm intact.

We began to attempt to investigate on our own when it became clear that NMWD could not care any less or be any less helpful.

This all finally culminated in a usage report/billing in March, 2014 showing a use of 111,452 gallons of water for a charge of \$699.06. At this point we contacted, again, NMWD personnel and insisted on some action, given that there was clearly something tragically amiss and we had had a thorough examination of the premises resulting in a finding of no leaks (clearly, had there been a leak, there would have been a moat around the house with this much water running!). This process, ended with a reexamination of the property and an "analysis" of the situation in April,

*8301 Mondon Way, Orangethale, CA 95662  
Tel: 916/723-2922 \* Fax: 916/723-5296 \* Cell: 916/505-8707  
E-Mail: [sandy@sandracarey.com](mailto:sandy@sandracarey.com)*

2014. The result of this examination/analysis – not by NMWD, but by the Sonoma County Water Agency – was a reduction or “forgiveness” of a portion of the \$699.06 billing, for a total amount to be paid by me of \$320.12.

I received this “bill adjustment” on April 6, 2014 (dated April 1, 2014) and I paid the referenced amount on April 6, 2014.

On April 8, 2014, NMWD sent to me a “Reminder Notice” with an “Important Message” – a litany constituting a threat to discontinue the service if this bill was not promptly paid.

Here’s the problem:

- 1) NMWD did an indeed piss poor job of getting to the bottom of the problem – indeed, NMWD all but ignored the problem for roughly two years – two years of us faithfully and on time paying bills that were highly questionable at least one third of the time.
- 2) When queried about the situation, NMWD was disinterested in searching for a solution to an obvious problem but rather intent only on “getting the payment.”
- 3) When NMWD finally agreed to have an “investigation” performed in March of 2014, the result was not an investigation at all, but rather a pretty pointless “audit” – certainly not something that provided any cover for a loyal NMWD customer, OR water usage in a drought scenario.
- 4) When the “process” was completed, NMWD was VERY efficient in getting out the threatening missive regarding the payment of the adjusted amount – a payment which had indeed already been paid in full.

My investigation resulted in three important things: 1) the suspicious uses of water coincided with the change in residents in the house immediately adjacent to my property; 2) the fence between the two properties had been altered, providing access to my property and a channel for a hose to be run; 3) the last monstrous use of water coincided with the suspected water replacement for the neighboring swimming pool.

Shortly after the 111,000 gallon water usage was revealed, I placed locked caps on all of the outdoor water bibs. Interestingly, from that point forward, there were no more instances of outlandish water usage.

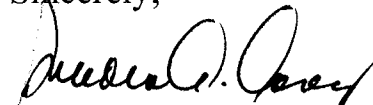
*8301 Mondon Way, Orangevale, CA 95662  
Tel: 916/723-2922 \* Fax: 916/723-5296 \* Cell: 916/505-8707  
E-Mail: sandy@sandracarey.com*

I relayed this information to NMWD. Not interested. Not their job. Seems to me that NMWD would, or should, be VERY interested in obvious water theft. The sheriffs' department is. Water theft happens to be a felony. And in a time of water shortages, it would seem to me that NMWD would be VERY interested in not only the well-being of their customers, but of the community as a whole and fair and equitable use of water.

Apparently not.

Happily, I am in the process of selling the subject property. However, I am pursuing the theft of the MANY gallons of water that I ended up paying for. I will be sure to include the cavalier attitude of NMWD in regard to the problem.

Sincerely,



Sandra A. Carey

### Service Order

Request No: Status: Account No: Req. Date: Req. By: 

Name: SANDRA CAREY  
Service Address: 864 EUCALYPTUS AVE

HM Phone: (916) 723-2922  
WK Phone:

#### Service Order Details

#### Meter Information

Description:   
PLEASE MEET CUSTOMER AT 1:30PM FRIDAY 3/7 TO TURN ON WATER AND DISCUSS PROBLEM OF USAGE.

Route:	4360
Orig. Meter Number:	14251558
Orig. Mtr. Last. Reading	7109
Last Reading Date	2/26/2014
Last Usage	149
Recheck Read	7211
New Meter No.	
New Reading	

Referred To: Dispatched: Consumer Notified: Completed By: Date: Remarks: 

#### Entry Information

Taken By: Entered By: Entered Date: 

### Service Order

Request No: Status: Account No: Req. Date: Req. By: 

Name: SANDRA CAREY  
Service Address: 864 EUCALYPTUS AVE

HM Phone: (916) 723-2922  
WK Phone:

#### Service Order Details

#### Meter Information

Description:   
REQ BILL ADJ FOR UNKNOWN.

Route:	4360
Orig. Meter Number:	14251558
Orig. Mtr. Last. Reading	7109
Last Reading Date	2/26/2014
Last Usage	149
Recheck Read	
New Meter No.	
New Reading	

Referred To: Dispatched: Consumer Notified: Completed By: Date: Remarks: 

#### Entry Information

Taken By: Entered By: Entered Date:

**Service Order**

Request No:

Status:

Account No:

Req. Date:

Req. By:

Name: SANDRA CAREY  
Service Address: 864 EUCALYPTUS AVE

HM Phone: (916) 723-2922  
WK Phone:

**Service Order Details**

**Meter Information**

Description:   
CK FOR LKS AND VERIFY READ HOUSE IS VACANT WITH ONLY WATER USE BEING IRRIG  
CALL SANDRA WITH OUTCOME

Route:   
Orig. Meter Number:   
Orig. Mtr. Last. Reading:   
Last Reading Date:   
Last Usage:   
Recheck Read:   
New Meter No.:   
New Reading:

Referred To:

Dispatched:

Consumer Notified:

Completed By:

Date:

Remarks:

**Entry Information**

Taken By:

Entered By:

Entered Date:

**Service Order**

Request No:

Status:

Account No:

Req. Date:

Req. By:

Name: SANDRA CAREY  
Service Address: 864 EUCALYPTUS AVE

HM Phone: (916) 723-2922  
WK Phone:

**Service Order Details**

**Meter Information**

Description:   
CK FOR LKS AND VERIFY READ  
EDIT READ IS 7109  
USAGE IS 149

Route:   
Orig. Meter Number:   
Orig. Mtr. Last. Reading:   
Last Reading Date:   
Last Usage:   
Recheck Read:   
New Meter No.:   
New Reading:

Referred To:

Dispatched:

Consumer Notified:

Completed By:

Date:

Remarks:

**Entry Information**

Taken By:

Entered By:

Entered Date:



**Service Order**

Request No:

Status:

Account No:

Req. Date:

Req. By:

**Name:** R LEDING **HM Phone:**  
**Service Address:** 864 EUCALYPTUS AVE **WK Phone:**

**Service Order Details**

**Meter Information**

Description:   
CK FOR LKS AND VERIFY READ HOUSE IS VACANT WITH LITTLE IRRIG  
CALL SANDRA KERRY AT 916-723-2922

Route:   
Orig. Meter Number:   
Orig. Mtr. Last. Reading:   
Last Reading Date:   
Last Usage:   
Recheck Read:   
New Meter No.:   
New Reading:

Referred To:

Dispatched:

Consumer Notified:

Completed By:

Date:

Remarks:

**Entry Information**

Taken By:

Entered By:

Entered Date:

**Service Order**

Request No:

Status:

Account No:

Req. Date:

Req. By:

**Name:** SANDRA CAREY **HM Phone:** (916) 723-2922  
**Service Address:** 864 EUCALYPTUS AVE **WK Phone:**

**Service Order Details**

**Meter Information**

Description:   
CK FOR LKS AND VERIFY READ  
EDIT READ IS 6666  
USAGE IS 101

Route:   
Orig. Meter Number:   
Orig. Mtr. Last. Reading:   
Last Reading Date:   
Last Usage:   
Recheck Read:   
New Meter No.:   
New Reading:

Referred To:

Dispatched:

Consumer Notified:

Completed By:

Date:

Remarks:

**Entry Information**

Taken By:

Entered By:

Entered Date:

8

## MEMORANDUM

To: Board of Directors  
From: Ryan Grisso, Water Conservation Coordinator *RB*  
Subject: Drought Emergency Water Conservation Regulations  
W:\Memos to Board\Drought Resolution August 2014.doc

August 1, 2014

**RECOMMENDED ACTION:** Approve Resolution

**FINANCIAL IMPACT:** None at this time

The Governor proclaimed a state of emergency on January 17, 2014, and declared drought conditions under the California Emergency Services Act (Act) and on April 25, 2014, the Governor issued a proclamation of continued state of emergency under the Act based on continued drought conditions existing statewide. On April 1, 2014, the NMWD Board declared a water shortage emergency, enacted the Water Shortage Contingency Plan and adopted Emergency Water Conservation Ordinances No. 28 and No. 29, prohibiting waste of water and non-essential uses of water.

On July 15, 2014, the State Water Resources Control Board (State Board) adopted Article 22.5 entitled "Drought Emergency Water Conservation Regulations" (California Code of Regulations Title 23, Sections 863, 864, and 865) which makes drought related findings and imposed state-wide mandatory requirements on urban water suppliers (Attachment 1).

Staff and legal counsel reviewed the State Board's adopted findings and mandatory requirements in Sections 863, 864 and 865, and have drafted a resolution to comply with the recent State Board requirements (Attachment 2). This Resolution augments our currently adopted Novato water use restrictions in Ordinance No. 28, with mandatory urban outdoor water use restrictions and water usage reporting procedures in compliance with the State Board's requirements. The water conservation requirements included in the Resolution impose limitations on outdoor water use, a commitment to continuing enforcement of the current water waste and non-essential use prohibitions and staff direction to report monthly water usage to the State Board as mandated. The requirements in the Resolution shall remain in effect as the Drought Emergency Water Conservation Regulations remains in effect.

The Board is recommended to approve the attached resolution.

RECOMMENDATION

Board approve the attached resolution.

**STATE WATER RESOURCES CONTROL BOARD  
RESOLUTION NO. 2014-0038**

TO ADOPT AN EMERGENCY REGULATION  
FOR STATEWIDE URBAN WATER CONSERVATION

WHEREAS:

1. On April 25, 2014, Governor Edmund G. Brown Jr. issued an executive order to strengthen the state's ability to manage water and habitat effectively in drought conditions and called on all Californians to redouble their efforts to conserve water. The executive order finds that the continuous severe drought conditions present urgent challenges across the state including water shortages in communities and for agricultural production, increased wildfires, degraded habitat for fish and wildlife, threat of saltwater contamination, and additional water scarcity if drought conditions continue into 2015. The National Integrated Drought Information System reported that nearly 80% of the state was reported to be under "extreme" drought conditions at the end of June;
2. The executive order refers to the Governor's Proclamation No. 1-17-2014, issued on January 17, 2014, declaring a State of Emergency to exist in California due to severe drought conditions. The January Proclamation notes that the state is experiencing record dry conditions, with 2014 projected to become the driest year on record. Since January, state water officials indicate that reservoirs, rainfall totals and the snowpack remain critically low. This follows two other dry or below average years, leaving reservoir storage at alarmingly low levels. The January Proclamation highlights the State's dry conditions, lack of precipitation and the resulting effects on drinking water supplies, the cultivation of crops, and the survival of animals and plants that rely on California's rivers and streams. The January Proclamation also calls on all Californians to reduce their water usage by 20 percent;
3. There is no guarantee that winter precipitation will alleviate the drought conditions that the executive orders address, which will lead to even more severe impacts across the state if the drought wears on;
4. Water Code section 1058.5 grants the State Water Board the authority to adopt emergency regulations in certain drought years in order to: "prevent the waste, unreasonable use, unreasonable method of use, or unreasonable method of diversion, of water, to promote water recycling or water conservation, to require curtailment of diversions when water is not available under the diverter's priority of right, or in furtherance of any of the foregoing, to require reporting of diversion or use or the preparation of monitoring reports";
5. Over 400,000 acres of farmland are expected to be fallowed, thousands of people may be out of work, communities risk running out of drinking water, and fish and wildlife will suffer.

6. Many Californians have taken bold steps over the years and in this year to reduce water use; nevertheless, the dire nature of the current drought requires additional conservation actions from residents and businesses. Some severely affected communities have implemented water rationing, limiting water use in some cases to only 50 gallons per person per day, foregoing showers, laundry, toilet flushing, and all outdoor watering.
7. Water conservation is the easiest, most efficient and most cost effective way to quickly reduce water demand and extend supplies into the next year, providing flexibility for all California communities. Water saved this summer is water available next year, giving water suppliers the flexibility to manage their systems efficiently. The more water that is conserved now, the less likely it is that a community will experience such dire circumstances that water rationing is required ;
8. Most Californians use more water outdoors than indoors. In many areas, 50 percent or more of daily water use is for lawns and outdoor landscaping. Outdoor water use is generally discretionary, and many irrigated landscapes would not suffer greatly from receiving a decreased amount of water;
9. Public information and awareness is critical to achieving conservation goals and the Save Our Water campaign, run jointly by the Department of Water Resources (DWR) and the Association of California Water Agencies, is an excellent resource for conservation information and messaging that is integral to effective drought response (<http://saveourwater.com>).
10. Enforcement against water waste is a key tool in conservation programs. When conservation becomes a social norm in a community, the need for enforcement is reduced or eliminated;
11. The emergency regulations set a minimum standard requiring only modest lifestyle changes across the state. Many communities are already doing more and have been for years. They should be commended, but can and should do more. Others are not yet doing so and should at least do this, but should do much more given the severity of the drought;
12. On July 8, 2014, the State Water Board issued public notice that the State Water Board would consider the adoption of the regulation at the Board's regularly-scheduled July 15, 2014 public meeting, in accordance with applicable State laws and regulations. The State Water Board also distributed for public review and comment a Finding of Emergency that complies with State laws and regulations;
13. On April 25, 2014, the Governor suspended the California Environmental Quality Act's application to the State Water Board's adoption of emergency regulations pursuant to Water Code section 1058.5 to prevent the waste, unreasonable use, unreasonable method of use, or unreasonable method of diversion of water, to promote water recycling or water conservation;
14. As discussed above, the State Water Board is adopting the emergency regulation because of emergency drought conditions, the need for prompt action, and current limitations in the existing enforcement process;

15. Disadvantaged communities may require assistance in increasing water conservation and state agencies should look for opportunities to provide assistance in promoting water conservation;
16. Nothing in the regulations or in the enforcement provisions of the regulations, preclude a local agency from exercising its authority to adopt more stringent conservation measures. Moreover, the Water Code does not impose a mandatory penalty for violations of the regulations adopted by this resolution and local agencies retain their enforcement discretion in enforcing the regulations, to the extent authorized, and may develop their own progressive enforcement practices to encourage conservation.

THEREFORE BE IT RESOLVED THAT:

1. The State Water Board adopts California Code of Regulations, title 23, sections 863, 864, and 865, as appended to this resolution as an emergency regulation;
2. The State Water Board staff will submit the regulation to the Office of Administrative Law (OAL) for final approval;
3. If, during the approval process, State Water Board staff, the State Water Board, or OAL determines that minor corrections to the language of the regulation or supporting documentation are needed for clarity or consistency, the State Water Board Executive Director or designee may make such changes;
4. These regulations shall remain in effect for 270 days after filing with the Secretary of State unless the State Water Board determines that it is no longer necessary due to changed conditions, or unless the State Water Board renews the regulations due to continued drought conditions as described in Water Code section 1058.5;
5. The State Water Board directs staff to provide the Board with monthly updates on the implementation of the emergency regulations and their effect;
6. Directs State Water Board staff to condition funding upon compliance with the emergency regulations, to the extent feasible;
7. Directs State Water Board staff to work with the Department of Water Resources and the Save Our Water campaign to disseminate information regarding the emergency regulations; and
8. Directs State Water Board staff in developing an electronic reporting portal to include data fields so that local agencies may provide monthly reporting data on (i) conservation-related implementation measures or enforcement actions taken by the local agency and (ii) substitution during the drought of potable water with recycled water to extend water supplies.

THEREFORE BE IT FURTHER RESOLVED THAT:

9. The State Water Board commends water suppliers that have increased conservation messaging and adopted innovative strategies to enhance customer awareness of water use, such as applications that let customers compare their water use to water use by others; reduce system losses, such as fixing system leaks which can deplete supplies by 10 percent or more; and establish incentives to reduce demand, such as tiered or drought rate structures. The State Water Board also commends all Californians that have already been working to maximize their conservation efforts, both at home and at work;

10. The State Water Board calls upon water suppliers to take the following actions:

*Educate customers and employees*

- Retail water suppliers should provide notice of the regulations in English and Spanish in one or more of the following ways: newspaper advertisements, bill inserts, website homepage, social media, notices in public libraries;
- Wholesale suppliers should include reference to the regulations in their customer communications;
- All water suppliers should train personnel on the regulations;
- All water suppliers should provide signage where recycled or reclaimed water is being used for activities that the emergency regulations prohibit with the use of potable water, such as operation of fountains and other water features;
- All water suppliers should redouble their efforts to disseminate information regarding opportunities and incentives to upgrade indoor fixtures and appliances;
- All water suppliers should use education and the tools available through the Save Our Water website (<http://saveourwater.com>); and
- All water suppliers should educate and prepare their boards and councils on the drought response actions contained in the emergency regulations and in this resolution, and to make sure that drought response items are placed on agendas as early as possible;

*Increasing local supplies*

- All water suppliers should accelerate the completion of projects that will conserve potable water by making use of non-potable supplies, such as recycled water, "greywater," and stormwater collection projects;
- All water suppliers should improve their leak reporting and response programs and request that police and fire departments and other local government personnel report leaks and water waste that they encounter during their routine duties/patrols;
- Smaller water suppliers – those with fewer than 3,000 service connections – should take proactive steps to secure their communities' water supplies and educate their customers about water conservation and the status of their supply reserves;
- All water suppliers should conduct water loss audits and make leak detection and repair a top priority for the duration of the drought; and
- All urban water suppliers should evaluate their rate structures and begin to implement needed changes as part of planning for another dry year. Information and assistance on setting and implementing drought rates is available from the Alliance for Water Efficiency. (<http://www.allianceforwaterefficiency.org/>).

11. The State Water Board calls on all Californians to take the following additional actions:
  - Further reduce water demand, whether by using less water in daily routines indoors and out, retrofitting appliances and installing greywater and rainwater catchment systems; and
  - Check residential and business water bills to see if there are high charges that may indicate a leak and to fix the leak, if they are able, or contact their local water utility if they need assistance.
12. The State Water Board encourages its staff, the Department of Water Resources, the Public Utilities Commission, urban water suppliers, and other local agencies to look for opportunities to encourage and promote new technologies that reduce water usage, including through timely access to water usage information and behavioral response.
13. The State Water Board encourages all state and local agencies to look for additional opportunities to minimize potable water use in outdoor spaces.
14. The State Water Board encourages investor-owned utilities to expeditiously submit applications for implementation of the regulations to the California Public Utilities Commission.

#### CERTIFICATION


The undersigned Clerk to the Board does hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the State Water Resources Control Board held on July 15, 2014.

AYE:            Chair Felicia Marcus  
                  Vice Chair Frances Spivy-Weber  
                  Board Member Steven Moore  
                  Board Member Dorene D'Adamo

NAY:            None

ABSENT:       Board Member Tam M. Doduc

ABSTAIN:      None

  
\_\_\_\_\_  
Jeanine Townsend  
Clerk to the Board



# PROPOSED TEXT OF EMERGENCY REGULATIONS

## Article 22.5. Drought Emergency Water Conservation

### Sec. 863 Findings of Drought Emergency

(a) The State Water Resources Control Board finds as follows:

(1) On January 17, 2014, the Governor issued a proclamation of a state of emergency under the California Emergency Services Act based on drought conditions;

(2) On April 25, 2014, the Governor issued a proclamation of a continued state of emergency under the California Emergency Services Act based on continued drought conditions;

(3) The drought conditions that formed the basis of the Governor's emergency proclamations continue to exist;

(4) The present year is critically dry and has been immediately preceded by two or more consecutive below normal, dry, or critically dry years; and

(5) The drought conditions will likely continue for the foreseeable future and additional action by both the State Water Resources Control Board and local water suppliers will likely be necessary to further promote conservation.

Authority: Wat. Code, § 1058.5.

References: Wat. Code, §§ 102, 104, 105.

### Sec. 864 Prohibited Activities in Promotion of Water Conservation

(a) To promote water conservation, each of the following actions is prohibited, except where necessary to address an immediate health and safety need or to comply with a term or condition in a permit issued by a state or federal agency:

(1) The application of potable water to outdoor landscapes in a manner that causes runoff such that water flows onto adjacent property, non-irrigated areas, private and public walkways, roadways, parking lots, or structures;

(2) The use of a hose that dispenses potable water to wash a motor vehicle, except where the hose is fitted with a shut-off nozzle or device attached to it that causes it to cease dispensing water immediately when not in use;

(3) The application of potable water to driveways and sidewalks; and

(4) The use of potable water in a fountain or other decorative water feature, except where the water is part of a recirculating system.

(b) The taking of any action prohibited in subdivision (a) of this section, in addition to any other applicable civil or criminal penalties, is an infraction, punishable by a fine of up to five hundred dollars (\$500) for each day in which the violation occurs.

Authority: Wat. Code, § 1058.5.

References: Wat. Code, §§ 102, 104, 105.

## PROPOSED TEXT OF EMERGENCY REGULATIONS

### Sec. 865 Mandatory Actions by Water Suppliers

(a) The term “urban water supplier,” when used in this section, refers to a supplier that meets the definition set forth in Water Code section 10617, except it does not refer to suppliers when they are functioning solely in a wholesale capacity, but does apply to suppliers when they are functioning in a retail capacity.

(b)(1) To promote water conservation, each urban water supplier shall implement all requirements and actions of the stage of its water shortage contingency plan that imposes mandatory restrictions on outdoor irrigation of ornamental landscapes or turf with potable water.

(2) As an alternative to subdivision (b)(1), an urban water supplier may submit a request to the Executive Director for approval of an alternate plan that includes allocation-based rate structures that satisfies the requirements of chapter 3.4 (commencing with section 370) of division 1 of the Water Code, and the Executive Director may approve such an alternate plan upon determining that the rate structure, in conjunction with other measures, achieves a level of conservation that would be superior to that achieved by implementing limitations on outdoor irrigation of ornamental landscapes or turf with potable water by the persons it serves to no more than two days per week.

(c) To promote water conservation, each urban water supplier that does not have a water shortage contingency plan or has been notified by the Department of Water Resources that its water shortage contingency plan does not meet the requirements of Water Code section 10632 shall, within thirty (30) days, limit outdoor irrigation of ornamental landscapes or turf with potable water by the persons it serves to no more than two days per week or shall implement another mandatory conservation measure or measures intended to achieve a comparable reduction in water consumption by the persons it serves relative to the amount consumed in 2013.

(d) In furtherance of the promotion of water conservation each urban water supplier shall prepare and submit to the State Water Resources Control Board by the 15<sup>th</sup> of each month a monitoring report on forms provided by the Board. The monitoring report shall include the amount of potable water the urban water supplier produced, including water provided by a wholesaler, in the preceding calendar month and shall compare that amount to the amount produced in the same calendar month in 2013. Beginning October 15, 2014, the monitoring report shall also estimate the gallons of water per person per day used by the residential customers it serves. In its initial monitoring report, each urban water supplier shall state the number of persons it serves.

(e) To promote water conservation, each distributor of a public water supply, as defined in Water Code section 350, that is not an urban water supplier shall, within thirty (30) days, take one or more of the following actions:

(1) Limit outdoor irrigation of ornamental landscapes or turf with potable water by the persons it serves to no more than two days per week; or

(2) Implement another mandatory conservation measure or measures intended to achieve a comparable reduction in water consumption by the persons it serves relative to the amount consumed in 2013.

Authority: Wat. Code, § 1058.5.

References: Wat. Code, §§ 102, 104, 105; 350; 10617; 10632.

**DRAFT**  
**RESOLUTION XX-14**

**RESOLUTION OF THE BOARD OF DIRECTORS OF THE NORTH MARIN WATER DISTRICT  
IMPLEMENTING THE STATE WATER RESOURCES CONTROL BOARD'S MANDATE ON  
URBAN WATER SUPPLIERS TO ACTIVATE THOSE PORTIONS OF THEIR WATER  
SHORTAGE CONTINGENCY PLANS RELATED TO MANDATORY RESTRICTIONS ON  
OUTDOOR WATER USE.**

**WHEREAS**, pursuant to California Water Code Section 102, all water in the state is the property of the people of the state; and

**WHEREAS**, the State Resources Control Board (State Board) is the agency tasked with issuing and monitoring permits to urban water suppliers and others to appropriate water statewide and determining the amount, purpose, place and beneficial use of that water. The North Marin Water District (District) is the beneficiary of multiple State Board permits which authorize the appropriation of waters of the state; and

**WHEREAS**, Water Code Section 10617 defines "urban water supplier" as a supplier for municipal purposes that serves 3,000 customers or more than 3,000 acre feet annually. Pursuant to Section 10617, the District is an urban water supplier; and

**WHEREAS**, on July 15, 2014, the State Board adopted Article 22.5 entitled "Drought Emergency Water Conservation Regulations" (California Code of Regulations, Title 23, sections 863, 864, and 865) which makes drought related findings and imposes mandatory requirements on urban water suppliers state-wide; and

**WHEREAS**, Section 863 of Article 22.5 made the following factual findings related to the current state of drought in California and the Governor's proclamations of emergency related thereto:

1. On January 17, 2014, the Governor proclaimed a state of emergency under the California Emergency Services Act (Act) based on drought conditions;
2. On April 25, 2014, the Governor issued a proclamation of continued state of emergency under the Act based on continued drought conditions existing statewide;
3. The drought conditions forming the base of the Governor's proclamations still exist;
4. The present year is critically dry and has been immediately preceded by two or more consecutive below normal, dry, or critically dry years; and
5. The drought conditions will likely continue for the foreseeable future and additional action by both the State Water Resources Control Board and local water suppliers will likely be necessary to further promote conservation.

**WHEREAS**, Section 864 of Article 22.5 promotes conservation by prohibiting the following outdoor activities, except where necessary to address an immediate health and safety need or to comply with a term or condition in a permit issued by a state or federal agency;

1. The application of potable water to outdoor landscapes in a manner that causes runoff such that water flows onto adjacent property, non-irrigated areas, private and public walkways, roadways, parking lots, or structures;
2. The use of a hose that dispensed potable water to wash a motor vehicle, except where the hose is fitted with a shut-off nozzle or device attached to it that causes it to cease dispensing water immediately when not in use;
3. The application of potable water to driveways and sidewalks;
4. The use of potable water in a fountain or other decorative water feature, except where the water is part of a recirculation system.

**WHEREAS**, Section 865 of Article 22.5 requires urban water suppliers state-wide to:

1. Implement all requirements and actions of the stage of its water shortage contingency plan that imposes mandatory restrictions on outdoor irrigation of ornamental landscapes or turf with potable water;
2. Prepare and submit to the State Board by the 15<sup>th</sup> of each month a monitoring report that includes the amount of potable water produced, including potable water provided by a wholesaler, in the preceding calendar month compared to the amount produced in the same calendar month in 2013 and estimate the gallons of water per person per day used by the residential customers it serves.

**NOW, THEREFORE, THE BOARD OF DIRECTORS RESOLVES AS FOLLOWS:**

1. The District's existing Regulation 15, section b. (Water Conservation) and Emergency Water Conservation Ordinance No. 28, enacted on April 1, 2014, contain prohibitions on those uses contained in Section 864 of Article 22.5, and remains in effect.
2. The following use (s) is declared to be non-essential and is prohibited:
  - a. Watering of any lawn, garden landscaped area, tree, shrub or other plant except from a handheld hose equipped with an automatic shut-off nozzle, container or drip irrigation system. Overhead sprinkler irrigation can be used if customer maintains an overall 20% reduction in water use compared to the corresponding billing period in 2013 (Customers using less than 300 gallons per day are permitted to water their landscapes without the required 20% reduction), and properly operates the irrigation system in a non-wasteful manner between the hours of 7:00 p.m. and 9:00 a.m. the next day. If overhead sprinkler water is used in a wasteful manner, the General Manager may prohibit sprinkling by that customer.
3. In response to the mandate in Section 865 in Article 22.5, the Board directs staff to implement those water conservation measures governing restrictions on outdoor water use described above. In addition, the Board leaves in full force and effect

Regulation 15 Section b., and Emergency Water Conservation Ordinance No. 28. These will ensure continued water conservation on compliance with the mandate contained in Article 22.5. Enforcement will be in accordance with existing provisions of Regulation 15, Section b., and Emergency Water Conservation Ordinance No. 28.

4. The Board directs staff to comply with the reporting requirements noted in Section 865 or Article 22.5.
5. The provisions of this Resolution shall remain in effect as long as Article 22.5 remains in effect.

\* \* \* \* \*

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 fifth of August 2014, by the following vote:

AYES:

NOES:

ABSENT:

ABSTAINED:

---

Katie Young, District Secretary  
North Marin Water District


(SEAL)

9

## MEMORANDUM

To: Board of Directors  
From: Drew McIntyre, Chief Engineer  
Subject: Korean Church (APN 125-130-13 ) New Easement and Tree Removal Costs  
711B.03 korean church tree removal bod memo

Date: August 1, 2014



**RECOMMENDED ACTION: The Board approve authorization of payments**

**FINANCIAL IMPACT: \$19,107 (to be paid from FY15 AEEP CIP)**

Project Description

As part of the District's Aqueduct Energy Efficiency Project (AEEP) a new 5-foot wide easement is required along the Korean Church property (aka Reach D) to augment the District's existing 20-foot wide easement within this parcel (see map Attachment 1). In addition, pipeline construction within Reach D required that fifteen trees on said parcel be removed to facilitate installation of the new parallel 36-inch diameter aqueduct. This project reach does not require any existing aqueduct relocation, thus all costs are NMWD's responsibility.

Compensation for Loss of Fifteen Trees

NMWD staff has agreed to compensate the Korean Church for fifteen trees that had to be removed as a result of this project and also to provide irrigation at no cost for a period of up to three years to establish the new trees planted by the Korean Church. More discussion on this item is provided in the District's correspondence to Mr. Frank Smart, the Korean Church's designated representative, dated June 5, 2014 (Attachment 2). The total agreed compensation cost is \$9,750 (or \$650 per tree).

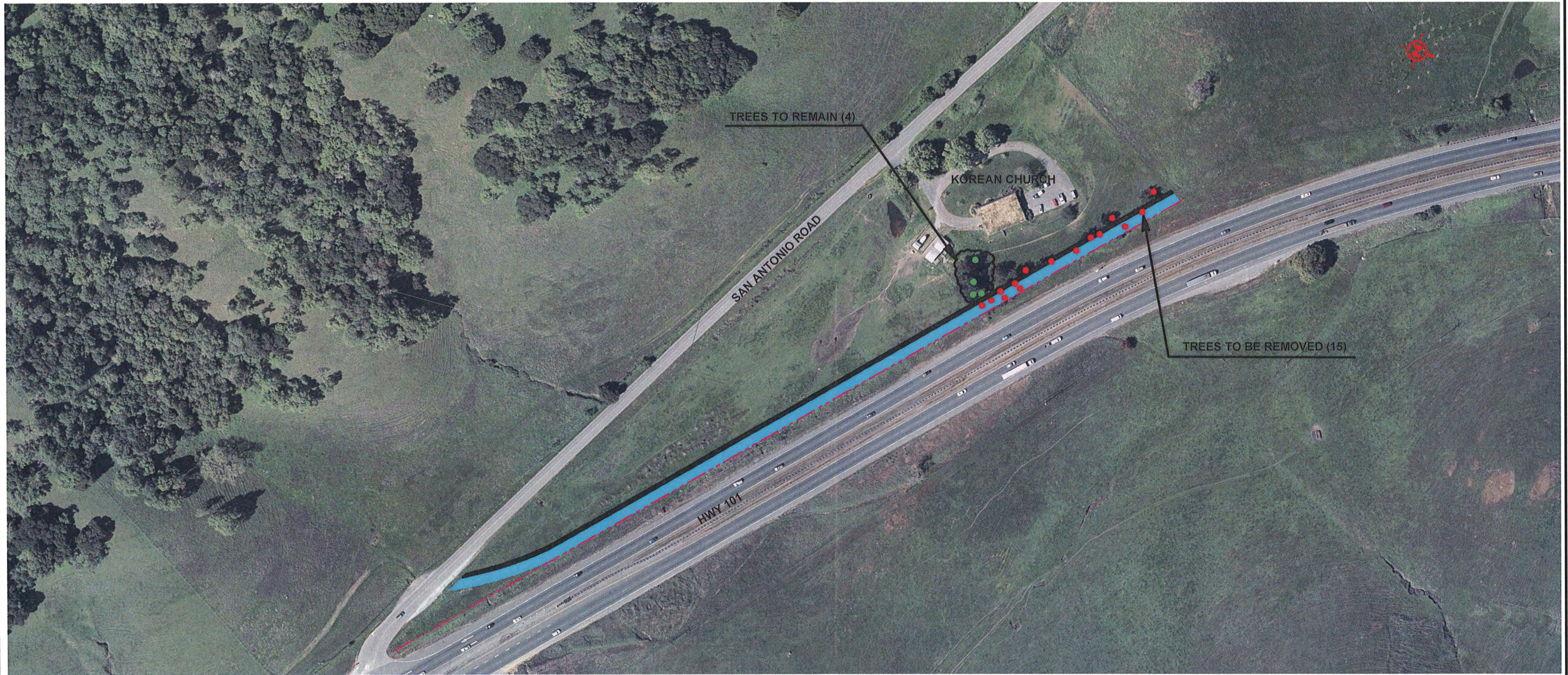
New Easement

Due to construction of the AEEP 36-inch parallel aqueduct within the Korean Church parcel, NMWD needs a total easement width of 25-feet across the parcel rather than the current 20-foot wide easement. The District, using White and Prescott, prepared the necessary documents for the new 1,414.4-foot long, 5-foot wide easement for execution by the Korean Church (also discussed in NMWD's letter in Attachment 2). The total additional requested easement area is 7,072 square feet, resulting in a compensation value of \$9,357.

RECOMMENDATION

- 1) Authorize the payment of \$9,750 to compensate the Korean Church for the loss of fifteen trees.
- 2) Authorize the payment \$9,357 to compensate the Korean Church for receipt of a fully executed 7,072 square foot easement.





SCALE: N.T.S.  
 DATE: AUG 2014  
 FILE: 7118.04

**PLAN VIEW**

**NMWD AEEP REACH D**  
 PROPOSED 5' WIDTH WATER AQUEDUCT EASEMENT

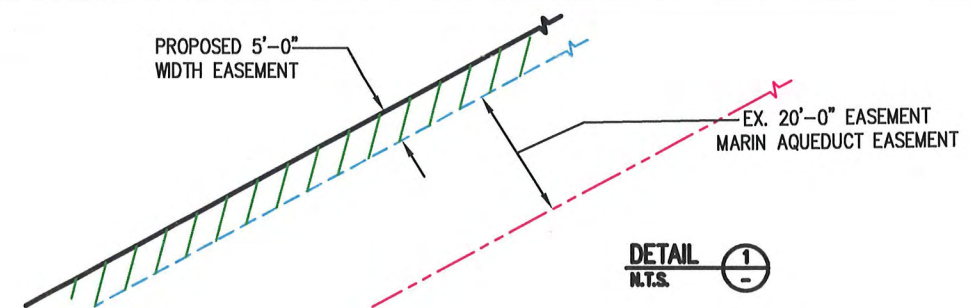
**NORTH BAY KOREAN AMERICAN PRESBYTERIAN CHURCH**  
 2 SAN ANTONIO ROAD - MARIN COUNTY  
 APN. 125 - 130 - 13

**LEGEND:**

- PROPERTY LINE
- EXISTING EASEMENT
- NEW EASEMENT

**EASEMENT AREA**

- EXISTING EASEMENT - 27,747 SQ. FT.
- NEW EASEMENT - 7072 SQ. FT.







**NORTH MARIN  
WATER DISTRICT**

999 Rush Creek Place  
P.O. Box 146  
Novato, CA 94948

June 5, 2014

**PHONE**  
415.897.4133

**FAX**  
415.892.8043

**EMAIL**  
info@nmwd.com

**WEB**  
www.nmwd.com

Mr. Frank Smart  
45 Oakmont Ave  
San Rafael, CA 94901

Re: Korean Church, #2 San Antonio Road, Marin County – Revised Pipeline  
Easement and Tree Removal Impacts  
NMWD AEEP Reach D  
NMWD File 1 7118.03

Dear Mr. Smart:

The purpose of this correspondence is to follow up on the May 6, 2014 meeting between you and Joe Kauwe regarding the above referenced issues. The May 6 meeting summarized various discussions that have been held between North Marin Water District and you regarding the District's Aqueduct Energy Efficiency Project and the need to have a revised pipeline easement to better reflect the actual location of the existing 30-inch pipeline. The following is offered to summarize our understanding of the conclusions of the easement negotiations and compensation for trees that had to be removed within NMWD's easement.

### **Compensation for the Loss of 15 Trees**

NMWD agrees to compensate the Korean Church for 15 trees that had to be removed as a result of this project and to also provide irrigation water at no cost for a period up to three years to establish the new trees planted by the Korean Church. This irrigation water will be available from the existing 30-inch pipeline that will remain in service. The agreed compensation for each tree will be \$600 plus an additional \$50 for a Korean Church installed irrigation system resulting in a total unit value of \$650 per tree (total compensation cost of \$9,750).

### **Revised Easement**

NMWD's revised easement will more accurately follow the alignment of the existing 30-inch pipeline in lieu of the easement originally prepared in 1961. The revised easement represents a slight shift of approximately 5 feet to the west of the Korean Church/Caltrans property line. NMWD agrees to expand the easement to include this newly created 5 foot strip of property. This additional 5 foot strip runs for a length of approximately 1,500 feet for a total additional area of approximately 7,500 square feet. Per discussions at the May 6, it was agreed that NMWD will compensate the Korean Church for this additional easement at a rate of 70% of the property value. Furthermore, it was agreed that a property value of \$82,370 per acre (or \$1.89/s.f.) will be used for this calculation. Accordingly, the total easement compensation amount is \$9,923 (70% x \$1.89 x 1,500 x 5). Please note that this value is subject to final easement calculations being prepared by NMWD consultant White & Prescott.

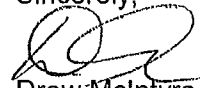
DIRECTORS: JACK BAKER • RICK FRAITES • STEPHEN PETTERLE • DENNIS RODONI • JOHN C. SCHOONOVER

OFFICERS: CHRIS DeGABRIELE, General Manager • KATIE YOUNG, Secretary • DAVID L. BENTLEY, Auditor-Controller • DREW MCINTYRE, Chief Engineer

Mr. Frank Smart  
June 5, 2014  
Page 2 of 2

NMWD appreciates the Korean Church's cooperation as we move forward with this important project. We expect to finalize the easement documentation by early July. In the mean time, should you have any questions please do not hesitate to contact Joe Kauwe at 415-761-8919.

Sincerely,




Drew McIntyre  
Chief Engineer

DM:edb  
R:\Folders by Job Nol7000 Jobs\7118\Easements\B3\Korean Church\7118.03 ltr to Frank Smart re Korean Church easement 6-5-14.docx

10

## MEMORANDUM

To: Board of Directors  
From: Chris DeGabriele, General Manager   
Subj: Marin County Long Term Water Supply Workshop  
f:\gm\bd mias 2014\bd sup workshop 0714.docx

August 1, 2014

**RECOMMENDED ACTION:** Information Only**FINANCIAL IMPACT:** None

In May, the Marin County Board of Supervisors invited myself and the Marin Municipal Water District General Manager to participate in the subject workshop. The following points were requested to be addressed:

- Efforts to improve the Water Supply for Dry Years in Marin;
- Obligations related to Urban Water Management Plans and their updates;
- How growth projections from Local General Plans are factored into Water Management Plans;
- Policies and Review Process for Development;
- Compliance with SB-1087 (re: preference for affordable housing);
- Water Use of Multi-Family vs. Single Family homes; and
- How the Districts manage water supply for second units.

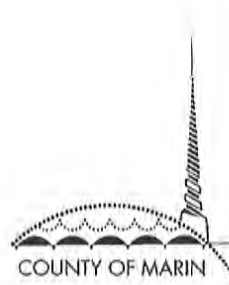
A copy of the Board of Supervisors invitation is included as Attachment 1.

The Workshop was intended to inform the Supervisors on water supply availability coincident with the new Marin County Housing Element Update. The Housing Element Update identifies new residences to meet the Regional Housing Needs Allocations for Marin County. The minimum number of units in the unincorporated County total 185 and includes lower income, moderate income and above moderate income units. Eight above moderate income units are identified in North Marin's Novato Service Territory, along with a proportional two second units. For the City of Novato, another 415 dwelling units are allocated, all over the period from 2015 to 2023. The City of Novato units would include 111 very low, 65 low, 72 moderate and 167 above moderate income units. There are no sites specifically identified in North Marin's West Marin Service Territory to meet the Regional Housing Needs Allocation.

A copy of the workshop presentation is included as Attachment 2. The workshop was well attended. A dozen citizens addressed the Board of Supervisors with regard to water supply availability. The Supervisors themselves had many questions in regard to water supply,

reliability, development of Recycled Water, the apparent efficiency of multi-family water use vs. single family residential water use, and several of the Supervisors commented on the ability to accommodate Marin's population growth over the long-term with little or no increase in overall water demand.

It was positively received by both the Supervisors and I believe the general public. A copy of the Press Release issued by the County is included as Attachment 3.



# BOARD OF SUPERVISORS

2<sup>ND</sup> VICE PRESIDENT  
Susan L. Adams  
1<sup>ST</sup> DISTRICT

VICE PRESIDENT  
Katie Rice  
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Kathrin Soars  
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Steve Kinsey  
4<sup>TH</sup> DISTRICT

Judy Arnold  
5<sup>TH</sup> DISTRICT

Matthew H. Hymel  
COUNTY ADMINISTRATOR  
CLERK OF THE BOARD

Marin County Civic Center  
3501 Civic Center Drive  
Suite 329  
San Rafael, CA 94903  
415 473 7331 T  
415 473 3645 F  
415 473 6172 TTY  
www.marincounty.org/bos

May 9, 2014

Krishna Kumar, General Manager  
Marin Municipal Water District  
220 Nellen Ave.,  
Corte Madera, CA 94925

Chris DeGabriele, General Manager  
North Marin Water District  
999 Rush Creek Place  
Novato, CA 94945

Dear Chris and Krishna,

Thank you very much for making yourselves available for a workshop with the Board of Supervisors to discuss long term water supply in Marin County. We would like to confirm that the workshop will happen at the Board of Supervisors' Chambers, at 1:30 on July 29, 2014.

It is anticipated that in September of this year our Board will be holding hearings regarding the update of the new Marin County Housing Element. As we have all experienced the dry year of 2013 and near drought emergency this year, the question of the availability of water for future development and concerns about long term water supply have been raised both by the public and in our own discussions. During the workshop we would appreciate your help with addressing the following points. We would also welcome any other relevant topics you would like to discuss.

- Please provide a report on efforts to improve the water supply for dry years in Marin.
- Describe the districts' obligations related to Urban Water Management Plans and their updates, and please provide a summary of your most recent plan projections for local water supply.



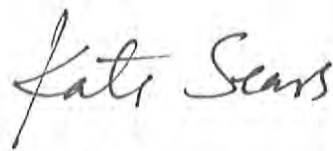
- Describe how the districts factor growth projections from local general plans into their respective water management plans (the link between long range land use planning and water supply).
- Summarize the districts' policies and review process for development proposals that require new water meters (who controls decisions about if and how much water is available for future development).
- Report on your knowledge of and compliance with SB 1087 re: preference for affordable housing (memo from HCD at the link below).

<http://www.hcd.ca.gov/hpd/hrc/plan/he/>

- Water usage of multifamily vs. single family homes.
- How the districts manage water supply for second units in residential development proposals.

We look forward to seeing you on July 29.

Sincerely,



Kate Sears,  
Board President




Steve Kinsey  
Supervisor District Four



## MARIN COUNTY LONG TERM WATER SUPPLY WORKSHOP


Marin County Board of Supervisors

July 29, 2014



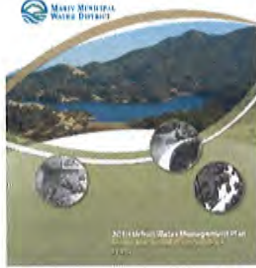
## Presentation Overview

- Urban Water Management Plan and local growth projections
- Policies and processes for new development
- SB 1087 Compliance
- Consumption by Residential Categories
- Efforts to Improve Dry Year Water Supply
- Workshop Summary




## Urban Water Management Plan (UWMP)

- Water suppliers are required to prepare and adopt an UWMP every five years.
- Evaluate water uses and sources to ensure existing and long term future demands are met.
- The 2010 UWMP was adopted by the MMWD Board on July 6, 2011.
- 2015 UWMP due June 30, 2016.



HR




## UWMP Process

```

    graph TD
      A[COUNTY & CITY GENERAL PLANS] --> B[LONG TERM (2035) DEMOGRAPHIC PROJECTIONS  
- POPULATION GROWTH 0.33% / YEAR  
- EMPLOYMENT GROWTH 0.65% / YEAR]
      B --> C[MMWD LONG TERM WATER DEMAND PROJECTION]
      B --> D[MMWD LONG TERM WATER SUPPLY PROJECTION]
      C --> E[COMPARISON OF LONG TERM DEMAND AND SUPPLY  
- MMWD UWMP  
- SUPPLY AND DEMAND IN BALANCE]
      D --> E
  
```


	2015	2020	2025	2030	2035	Change over 20 years
Demand	28,668	28,312	28,201	28,301	28,383	-1.0%
Supply	29,034	29,263	29,265	29,266	29,268	0.8%

Notes: 1) Normal year supplies and demands  
2) Multiple dry year scenario requires 25% water use reduction




## Long-Term Population Growth

	Marin County Population	MMWD Service Area Population
Year 2035	278,700	206,500
Year 2010	256,771	190,600
Increase in Population (#)	21,929	15,900
Increase in Population (%)	8.54%	8.34%
Average Annual %	0.34%	0.33%



## Historical Population Growth & Water Production





**MARIN MUNICIPAL WATER DISTRICT** **2010 Urban Water Management Plan Summary**

- Existing supplies are sufficient to meet demands during normal and dry years, provided:
  - Continued conservation
  - Expansion of recycled water program
  - Implement Dry Year Water Use Reduction Program when required



**MARIN MUNICIPAL WATER DISTRICT** **Water for New Development**

- Requirements for providing new water service connections
  - Located within service area boundary
  - Complies with local jurisdiction's planning requirements
  - Payment of all applicable costs
- Water Supply Assessments are required for large development projects (SB 610, 2001)
  - 500 or more residential units, or
  - 500,000 SF or more retail commercial, or
  - 250,000 SF or more office commercial, or
  - 500 or more hotel rooms


Average No. of new connections 2009-2013 = 58

**MARIN MUNICIPAL WATER DISTRICT** **Water District's Obligation to Serve New Development**

- Cooperate with local jurisdictions with regard to future planning and projections for future water use
- In the event of a water shortage emergency:
  - Board may adopt a moratorium on new service connections (Water Code Section 356)
  - While the moratorium is in effect, district has legal obligation to exert reasonable efforts to pursue additional water supply
  - Moratorium can remain in effect until the water supply has been replenished or augmented

**MARIN MUNICIPAL WATER DISTRICT** **Water Shortage Emergency**

MMWD Board may declare a water shortage emergency condition whenever it finds and determines the ordinary demands and requirements of water consumers cannot be satisfied without depleting the water supply to the extent that there would be insufficient water for human consumption, sanitation, and fire protection (Water Code Section 350).

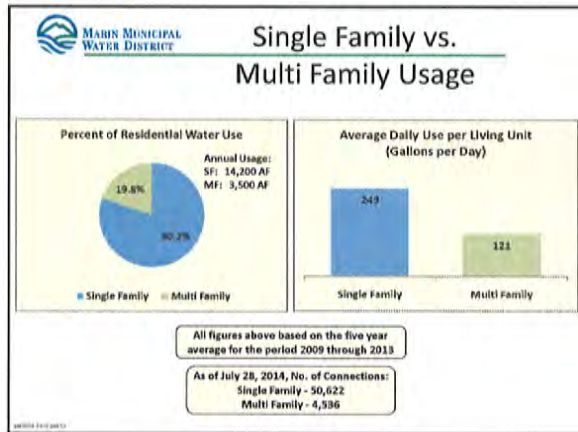


**MARIN MUNICIPAL WATER DISTRICT** **SB 1087 Compliance**

- SB 1087 (2005) – Water and sewer service priority for affordable housing units
  - Prohibits denying or conditioning the approval of an application for an affordable housing development
- MMWD Compliance
  - Adopted Board Policy No. 12 (2007)
  - Projected water use needed for lower-income households included in 2010 UWMP
  - 50% connection fee reduction available for low income housing projects

**MARIN MUNICIPAL WATER DISTRICT** **Residential Second Living Units**

- Treated as new development
- Must be a "legal" (permitted) unit
- Detached second units require a separate meter
- Attached second units can be served from the main house water meter
- Connection Fees
  - Vary based on SF of second unit
  - Low income units eligible for 50% reduction in connection fees



- ### Efforts to Improve 2014 Dry Year Supply
- Activated District's Water Shortage Contingency Plan – Jan 21, 2014
  - Called for 25% voluntary usage reduction
  - Board created a Standing Drought Resiliency Task Force
  - SWRCB approved regulations for increased water conservation efforts – Jul 15, 2014
    - District Board will consider adopting appropriate measures to comply – Aug 5, 2014
  - Continued Public Outreach
  - Since February achieved 15% usage reduction

### 2014 Current Storage

Reservoir	Year Built	Capacity (ac-ft)	Current Storage as of 7/28/14 (AF)	Percent of total Capacity
Lagunitas	1872	350	344	98%
Phoenix	1905	411	393	96%
Alpine	1919	8,891	8,140	92%
Bon Tempe	1948	4,017	3,350	84%
Kent	1953	32,895	24,639	75%
Nicasio	1960	22,430	13,675	61%
Soulajule	1979	10,572	7,138	68%
<b>TOTAL</b>		<b>79,566</b>	<b>57,679</b>	<b>72%</b>

Current storage represents 92% of normal for this date

- ### Long Term Water Supply Workshop Summary
- 2013 exceptionally dry
    - 11 inches of rain – lowest recorded in 135 years
    - Went from 100% full reservoirs to possible mandatory use reductions in 14 months
  - Exceptional February rains prevented need for mandatory use reductions in 2014
  - Long term water demand projections (2035) are based on Marin Countywide Plan as well as the 10 city general plans; thus the units in the Draft Housing Element (2015-2023) are included in the projections
  - 2010 UWMP - Existing supplies sufficient to meet projected demands during normal and dry years

### Water Supply

**Novato -**

- 80% Russian River Supply
- 20% Local Stafford Lake
- Recycled Water
- Water Conservation




**West Marin -**

- Lagunitas Creek
- Water Conservation

### 2014 Current Storage


- Stafford Lake – 40%
- Lake Mendocino – 37%
- Lake Sonoma – 67%





**NORTH MARIN WATER DISTRICT** **Efforts to Improve 2014 Dry Year Supply**

- Novato – Voluntary 20% Reduction
  - Mandatory Limits on Outdoor Irrigation (per SWRCB)
- West Marin – Mandatory 25% Reduction (July 1<sup>st</sup>)




**NORTH MARIN WATER DISTRICT** **Efforts to Improve 2014 Dry Year Supply**

- Good Performance to Date:
  - Novato – Down 20% since February
  - West Marin – Down 8.5% since February
  - Public Outreach




**NORTH MARIN WATER DISTRICT** **Supply Reliability**

- Novato
  - Lake Sonoma (1985)
  - Recycled Water
    - StoneTree Golf Course (2008)
    - NBWRA (NSD & LGVSD - 2013)
  - Aggressive conservation program
  - Tiered rates
  - SMSWP (2010)
- West Marin
  - Senior Water Rights (2000)




**NORTH MARIN WATER DISTRICT** **Water for Residential Second Units**

- Connection Fees – 35% of SFR – (Reduced per City of Novato Request)
  - defer payment option to comply with SB1087




**NORTH MARIN WATER DISTRICT** **Housing Element Update**

- 2010 UWMP – Existing supplies sufficient to meet projected demands during Normal/Dry/Multi Dry Years
- New Housing Element #'s less than current forecast

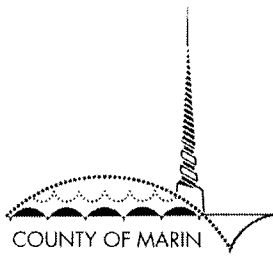


**MARIN MUNICIPAL WATER DISTRICT** **NORTH MARIN WATER DISTRICT** **Questions?**

For every glass of water not served, three glasses of water are saved.



**Help Save Our Water**  
We're doing our part by saving water only when needed. Please be your neighbor. Thank you!



# NEWS ADVISORY

[www.marincounty.org/news](http://www.marincounty.org/news)

**Contact:**  
**Brent Ainsworth**  
PUBLIC INFORMATION  
OFFICER (CONSULTANT)

For Immediate Release

July 30, 2014

## **Water Update: We're OK, but Keep Conserving**

*Special districts provide update to Board of Supervisors*

Marin County Civic Center  
3501 Civic Center Drive  
Suite 325  
San Rafael, CA 94903  
415 473-3084 T  
CRS Dial 711  
[bainsworth@marincounty.org](mailto:bainsworth@marincounty.org)  
[www.marincounty.org](http://www.marincounty.org)

**San Rafael, CA** – General managers of Marin County's two major water districts provided an update about water supplies and long-term water management plans July 29 before the Marin County Board of Supervisors.

Krishna Kumar of the Marin Municipal Water District (MMWD) and Chris DeGabriele of the North Marin Water District (NMWD) said Marin is still feeling the effects of an exceptionally dry 2013, which had the lowest recorded amount of rainfall (11 inches) in 135 years. Although February 2014 rains prevented the need for mandatory water use reductions, both special districts have had voluntary restrictions on water use this year. Customers have responded to the urgent calls for conservation, having reduced water use 20 percent in Novato, 15 percent in MMWD's jurisdiction and 8.5 percent in NMWD's section of West Marin.

District 3 Supervisor Kathrin Sears, the Board President, said residents ought to remain vigilant with water-saving measures.

"It's encouraging that our communities have responded to MMWD's call for a voluntary 25 percent reduction in water use," she said. "We still have a way to go to meet that target and great uncertainty about future rainfall. We need to use our resources wisely and redouble our commitment to conservation."

The local water supply will always be vulnerable to the uncertainties of nature, said District 4 Supervisor Steve Kinsey, "However, the presentation we received confirmed that our major water suppliers have approved plans for how to serve current and future residents in both normal and dry years, and they update those plans every five years to reflect new information. Given that Marin is the slowest-growing county in the Bay Area, we are in a uniquely strong position to insure the ongoing reliability of our water resources."

Kumar said current MMWD storage is at a 72 percent of capacity, which is 92 percent of average for this time of year at the seven district reservoirs.

-more-

Lake Lagunitas, the smallest of the reservoirs with a capacity of 350 acre-feet, has the highest figure at 98 percent of capacity. The largest one, Kent Lake (32,895 acre-feet capacity), stands at 75 percent full. The reservoirs provide 75 percent of the water consumed annually by MMWD customers; the remaining 25 percent is from the Russian River.

DeGabriele said he continues to emphasize the current drought conditions but that NMWD has enough water to meet use projections. Novato customers get 80 percent of their supply from the Russian River and 20 percent from the nearby Stafford Lake reservoir. DeGabriele said storage at two Sonoma County reservoirs, Lake Sonoma and Lake Mendocino, were at 67 percent capacity and 37 percent capacity respectively, and that Stafford Lake was at 40 percent.

Both general managers addressed the availability of water for future housing development as it relates to the County's update of its Housing Element section of the Countywide Plan for the years 2015-2023. Kumar explained that water providers are required by the State of California to develop a detailed 25-year water supply plan every five years. Both water suppliers rely on the growth figures developed by Marin's land-planning authorities (the county and 11 incorporated municipalities) to determine future water supply needs.

DeGabriele noted that projected units in new Housing Element updates are much lower than previous updates. Kumar added that population growth in the MMWD service area is 0.33 percent annually.

Kumar and DeGabriele both said existing water supplies are sufficient to meet demands during both normal and dry rainfall years as long as there is a continuous conservation effort, water recycling campaigns are expanded and water use reductions are put into place when necessary. In addition, water districts are not legally allowed to call for a moratorium on new connections unless a water shortage emergency is declared. Although water supplies are currently below average, conditions do not meet the requirements to declare such an emergency.

About a dozen members of the public provided feedback at the workshop, as did the Supervisors.


###

11

## MEMORANDUM

To: Board of Directors

August 1, 2014

From: Chris DeGabriele, General Manager 

Subj: Resolutions Supporting Fresh Water Flows in the San Francisco Bay Delta Estuary

t:\gmbod misc 2014\san francisco bay estuary memo.docx

**RECOMMENDED ACTION:** Information Only**FINANCIAL IMPACT:** None at this time

At the July 15<sup>th</sup> Board of Directors meeting, Director Fraitres requested that the North Marin Water District Board of Directors consider support for freshwater flows to the San Francisco Bay Delta Estuary. Director Fraitres advised that North Bay Watershed Association received a presentation on July 11<sup>th</sup> entitled: "Freshwater Flows and the Health of the San Francisco Estuary" presented by Darcie Luce. That presentation can be found at [www.nbwatershed.org](http://www.nbwatershed.org) (Click on the NBWA Board tab and the presentations button. The presentation is dated, 7/11/14). Ms. Luce represents Friends of the Estuary, a 501(c)(3) non-profit organization, organized by the San Francisco Estuary Partnership. Friends of the Estuary works to:

- Educate policy makers, legislators, and the public on the need for adequate freshwater flows to the San Francisco Estuary.
- Develop public involvement, education, communication and advocacy programs.
- Promote citizen involvement in studying, restoring and managing a healthy estuary.
- Develop and implement public education and involvement action plans.
- Develop a flexible, community-based framework for public involvement and education in all aspects of Estuary management.
- Serve as a watch dog and advocate for Comprehensive Conservation Management Plan implementation.

The San Francisco Estuary Partnership is a coalition of resource agencies, non-profits, citizens and scientists working to protect, restore and enhance water quality and fish and wildlife habitat in and around the San Francisco Bay Delta Estuary. The San Francisco Bay Delta is named in the Federal Clean Water Act as one of 28 Estuaries of national significance. The Executive Council of the Estuary Partnership includes members from the California Resources



Agency, California Environmental Protection Agency, US Fish and Wildlife Service, the Association of Bay Area Governments, and US EPA Region 9. The Executive Council meets when necessary to provide guidance and approves the annual work plan and budget. The Association of Bay Area Governments is the home agency for the partnership, staff and finances. Offices are located at the San Francisco Regional Water Quality Control Board in Oakland.

Friends of the Estuary was established 20 years ago to accept funding for grants to protect, restore and enhance water quality and fish and wildlife habitat. The Friends of the Estuary's role changed in 2011 with release of "The state of San Francisco Bay" report, which documented available data and methods for evaluating the status of the Bay's vital signs. The Estuary Partnership intends to report on the State of the Bay approximately every 5 years with the goal of educating the public and helping scientists and managers make decisions about how to best allocate resources to protect and restore the Bay. The 2011 state of San Francisco Bay report referenced the Bay Institute's 2010 report "Gone with the Flow" which can be found at [www.bay.org/publications/gone-with-the-flow](http://www.bay.org/publications/gone-with-the-flow).

Ms. Luce's presentation to NBWA included a comparison slide showing unimpaired outflow to the actual outflow in the Bay Delta (Attachment 1) and a slide showing water exported out of the Delta to the Central Valley Project and the State Water Project (Attachment 2). The point of Ms. Luce's presentation and argument is that the Bay Delta is in chronic and artificial drought due to exported water diversions.

To date 7 entities have passed resolutions expressing interest in the on-going Bay Delta planning process, the Bay Delta conservation plan and the State Water Board's Delta Planning and Regulatory Efforts urging the following principles be applied:

- Bay Delta Ecosystem Sustainability;
- ensure adequate Delta out flows;
- improve regional self-sufficiency;
- protect economic vitality of Bay Area communities;
- fully disclose financial obligations;
- provide local government representation in new Delta governance; and
- support funding for Urban and Non-Urban flood protection.

The entities that have adopted resolutions include: Association of Bay Area Governments, Contra Costa County, Napa County, Marin County, Sonoma County, San Mateo County, and the City of Emeryville.



Marin Municipal Water District supported the County of Marin's Resolution at the same time that they supported ACWA's Statewide Water Action Plan. Recall that the North Marin Board received information at its November 19, 2013 meeting comparing the ACWA Statewide Water Action Plan with the Governor's Water Action Plan for California and the DWR California Water Plan Update. That information can be found at [www.nmwd.com/pdfs/agenda/111913.pdf](http://www.nmwd.com/pdfs/agenda/111913.pdf) (click on Agenda item #13).

Those three statewide plans essentially promote attempts to achieve statewide co-equal goals of long-term water supply reliability and improved ecosystem health. The Friends of the Estuary principles are centered more on freshwater flows to the San Francisco Estuary.

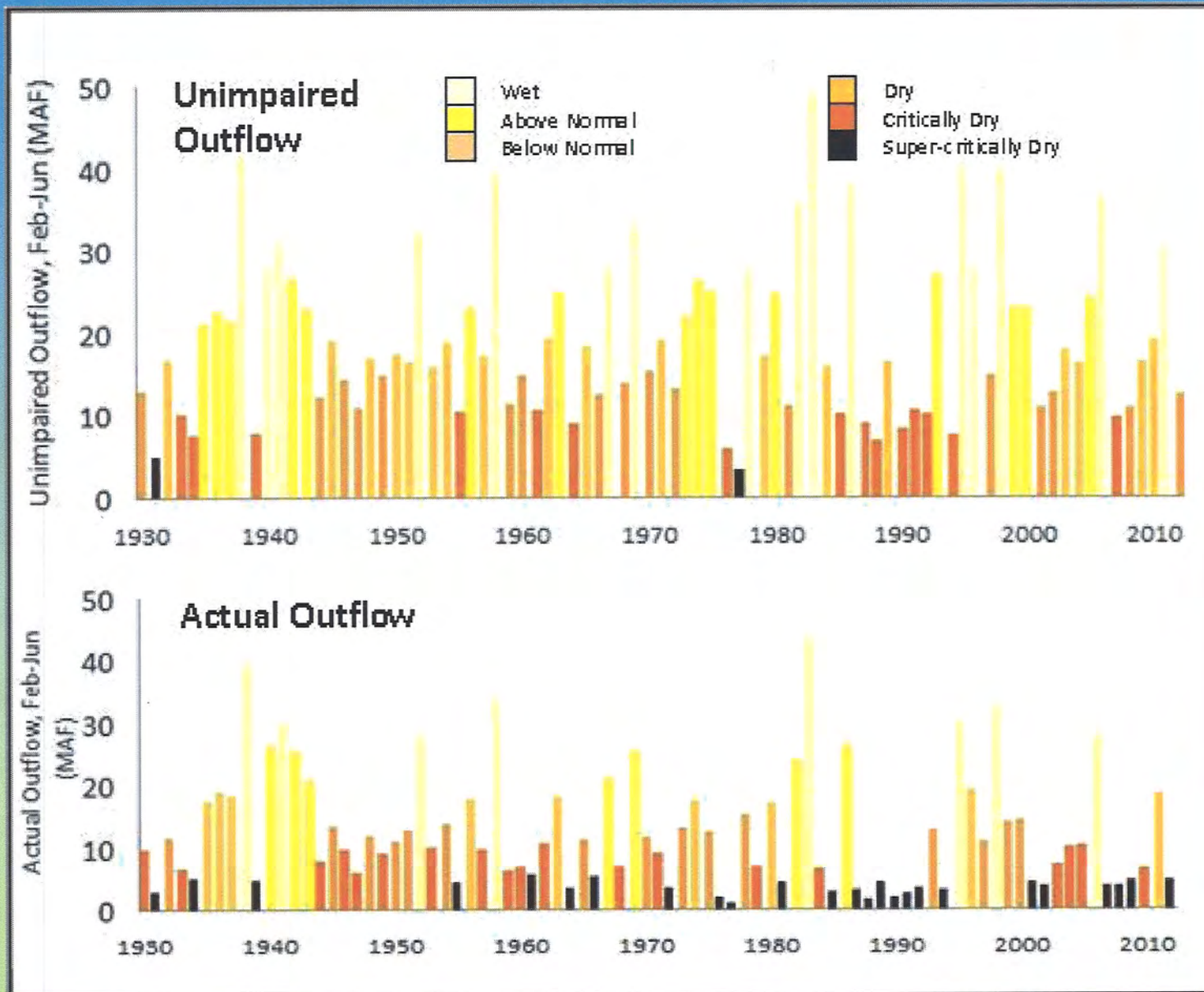
The North Marin Board has not taken a stance on any of the California Water Action Plans nor weighed in on Bay Delta Planning in the past. It is a mightily complex subject. The Bay Institutes "Gone with the Flow" report advocates for removing or modifying barriers to flow and fish passage (dams), restore winter and spring flows to inundate flood plains, maintain positive down stream flows through the Delta, and insure that about 75% of the natural run-off in the watershed reaches the Bay during the winter/spring period. I'm not certain North Marin's local water supply would remain reliable if changes supporting these advocacy points were implemented.

Most of the Delta lies within Contra Costa, Sacramento, San Joaquin, Solano and Yolo Counties. Adjoining counties in the San Francisco Bay Area include Napa, Sonoma, Marin, San Francisco, San Mateo, Santa Clara, Santa Cruz, and Alameda.

My suggestion is that we continue to keep informed about the Bay Delta issues. The Friends of the San Francisco Estuary is holding a conference on September 24<sup>th</sup> to discuss the role of freshwater to the Bay Delta, the current planning processes underway and what needs to be done to protect the environmental, economic, social and health benefits of the San Francisco Bay Delta Estuary.

I would prefer that other counties affected by the issue should weigh in prior to North Marin adopting a resolution supporting the Friends of the Estuary's need for freshwater in the San Francisco Bay Delta Estuary. An alternative would be for North Marin to support the Marin County Resolution as has been done by Marin Municipal Water District.

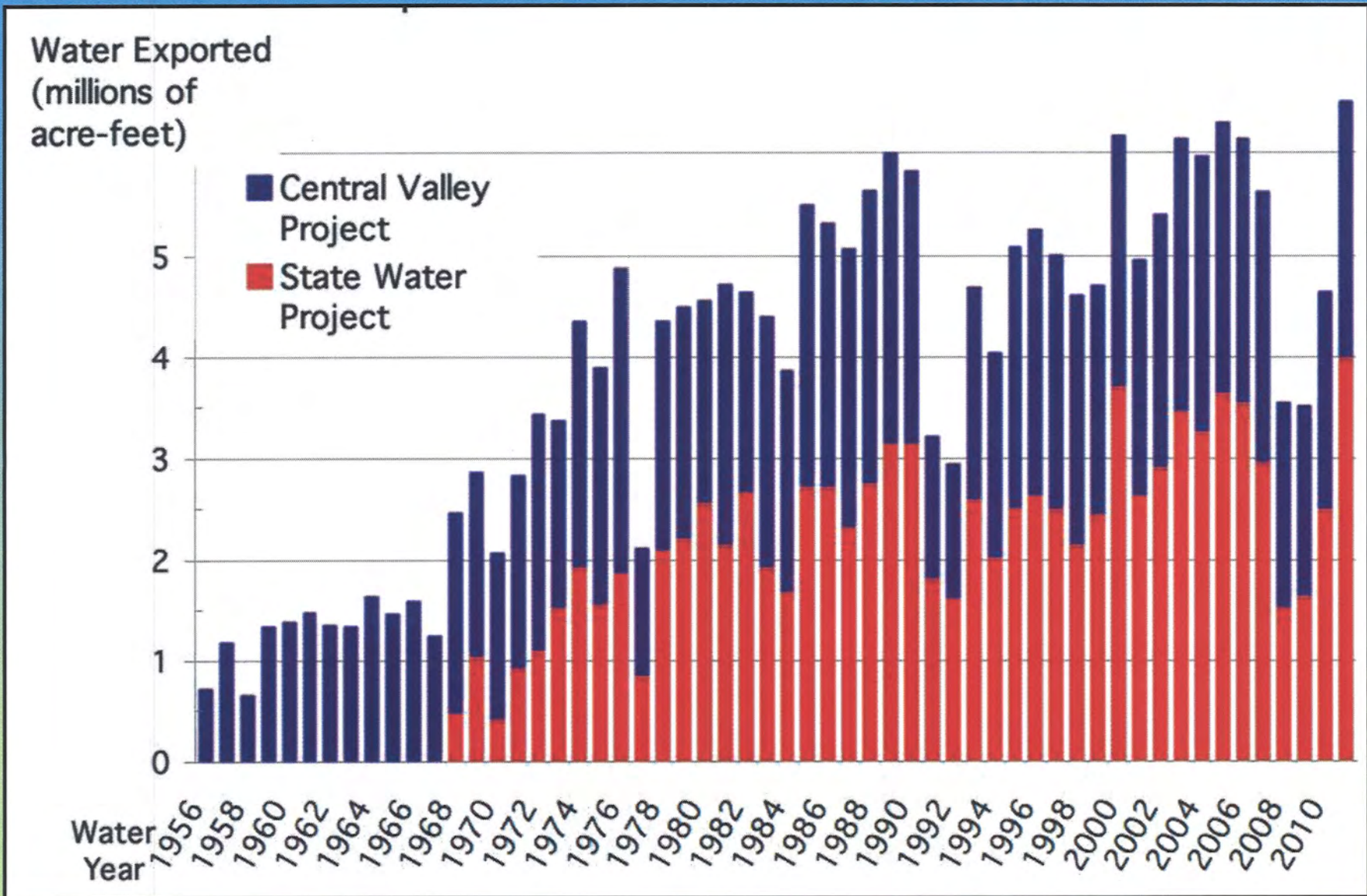
# Bay-Delta in Chronic and *Artificial* Drought



Courtesy of The Bay Institute



# Drought the Result of Increased Water Exports



Courtesy of The Bay Institute

12

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



**WATER ADVISORY COMMITTEE  
AND  
TECHNICAL ADVISORY COMMITTEE**

**MONDAY, AUGUST 4, 2014**

**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 the June 2, 2014 WAC/TAC Meeting and Approval of Minutes
4. Recap from the July 7, 2014 TAC Meeting and Approval of Minutes
5. Water Supply Coordination Council
6. Water Supply Conditions
7. Report on SWRCB Emergency Regulation for Statewide Urban Water Conservation/Sonoma Marin Saving Water Partnership/Water Contractor Water Conservation Activity
8. SCWA Water Management Activities
9. Mirabel Fish Screen/Fish Ladder Construction Update
10. Biological Opinion Status
11. One Year Extension of Water Supply Agreements between SCWA and MMWD
12. Integrated Regional Water Management Plan(s) Update
13. Items for Next Agenda
14. Check Out

Draft Minutes of Water Advisory Committee and Technical Advisory Committee  
35 Stony Point Road, Santa Rosa, California  
June 2, 2014

Attendees: Erin Carlstrom, city of Santa Rosa  
David Guhin, City of Santa Rosa  
Jennifer Burke, City of Santa Rosa  
Linda Hall, City of Santa Rosa  
Amy Brennan, City of Santa Rosa  
Elise Howard, City of Santa Rosa  
Robin Goble, Town of Windsor  
Stewart Hayre, Town of Windsor  
Mark Landman, City of Cotati  
Mark Heneveld, Valley of the Moon Water District  
Dan Muelrath, Valley of the Moon Water District  
Laurie Gallian, City of Sonoma  
Dan Takasugi, City of Sonoma  
John McArthur, City of Rohnert Park  
Mike Healy, City of Petaluma  
Leonard Olive, City of Petaluma  
Dennis Rodoni, North Marin Water District  
Chris DeGabriele, North Marin Water District  
Drew McIntyre, North Marin Water District  
Krishna Kumar, Marin Municipal Water District  
Jack Gibson, Marin Municipal Water District  
Mike Ban, Marin Municipal Water District  
Efren Carrillo, Board of Supervisors  
Susan Gorin, Board of Supervisors  
Grant Davis, SCWA  
Pam Jeanne, SCWA  
Mike Thompson, SCWA  
Lynne Rosselli, SCWA  
David Manning, SCWA  
Ann DuBay, SCWA  
Carrie Pollard, SCWA  
Brad Sherwood, SCWA  
Michael Gossman, SCWA

Public Attendees: Dick Dowd, City of Santa Rosa BPU  
Brenda Adelman, RRWPC  
David Keller, FOER  
Tom Yarish, Friends of the Esteros  
Dietrich Stroeh, Stuber-Stroeh Engineering Group  
Dawna Gallagher Stroeh, SRBPGW, Clean Water Sonoma Marin  
Colleen Fernald  
Deborah Tavares  
Margaret DiGenova, California American Water  
Christine Boyd, Valor Water Analytics  
Ned Orett

1. Check-in

Chair Dennis Rodoni, WAC Chair, called the meeting to order at 9:00a.m.



2. Public Comment  
Brenda Adelman commented on the level of the Russian River and her concern about the flows in the lower river.
3. Recap from the April 7, 2014 WAC/TAC Meeting and Approval of Minutes  
Moved by Laurie Gallian, City of Sonoma, seconded by Robin Goble, Town of Windsor to approve the minutes of the April 7 WAC/TAC meeting; unanimously approved.
4. Recap from the May 5, 2014 TAC Meeting and Approval of Minutes  
Moved by David Guhin, City of Santa Rosa, seconded by Dan Muelrath, Valley of the Moon Water District, to accept the minutes; unanimously approved.
5. Water Supply Coordination Council  
Efren Carrillo recapped the coordination council meeting minutes provided to the members.
6. Report on Sonoma Marin Saving Water Partnership/Water Contractor Water Conservation Activity  
Carrie Pollard, SCWA, gave a PowerPoint presentation which explained per capita water usage programs and drought outreach. We are within the goals set. She reviewed the list of rebates that are in place to encourage customers to conserve water. There are continuing public events to bring the drought to the attention of all residents. The City of Petaluma, the City of Santa Rosa, Valley of the Moon Water District, the Town of Windsor, North Marin Water District, Marin Municipal Water District, and the City of Cotati, reported on water use reduction. Supervisors Susan Gorin and Efren Carrillo commented on the efforts by all the contractors to conserve water. Deborah Tavares commented on the plan for reduction that was adopted in 2012. Brenda Adelman commented on the use of water from the River that is taking away from the flow volume.
7. WAC Resolution Supporting Upper Russian River Water Conservation Activity  
Chris DeGabriele, TAC Chair, asked for support for the Water Advisory Committee Resolution supporting the Sonoma-Mendocino immediate drought relief project which was included in the materials emailed to the members. David Keller asked about existing storage capacity in Lake Mendocino. Colleen Fernald commented on the water use increase study called for by Supervisor Susan Gorin. Moved by Robin Goble, Town of Windsor, seconded by Laurie Gallian, City of Sonoma, to support the Upper Russian River Water Conservation Activity Resolution; unanimously passed.
8. Water Supply Conditions and Temporary Urgency Change Order  
Grant Davis, SCWA, reported that the storage in Lake Sonoma is at 74%. Lake Mendocino is at 46% capacity. Minimum stream flow is being maintained. Higher flows will need to be implemented according to D1610 requirements and the flow will be moving to 75cfs from 25cfs on June 1. Large and small growers are being asked to reduce irrigation to save water in Lake Mendocino and they have agreed to a plan for irrigation three days a week on alternating sides of the river and no irrigation on Sundays. Chris DeGabriele commented on the State issued curtailment letters which he thinks will be divisive between Mendocino and Sonoma. Deborah Tavares commented on Green House Gas emissions. David Keller asked if there is any enforcement being done for illegal use of the water from the Russian River.

9. California Water Foundation Presentation: Sustainability Profile and Groundwater Management

Lester Snow gave a PowerPoint presentation regarding sustainability and groundwater management. The California Water Foundation is in a partnership with SCWA to pilot a sustainable water management profile. The profile looks at 4 categories: Supply, Demand, Environment and Finances. Ten stressors are evaluated within those categories to develop a ranking of Silver, Gold or Platinum, signifying sustainability of the profiled entity. NMWD will participate in a flow reducer project; an aquajust pilot program will be undertaken with Valley of the Moon Water District; a surface water/groundwater model in the upper Russian River; and the development of a web-based geographic information system to provide a comprehensive overview of the real-time hydrologic and meteorological data for the Russian River watershed. He explained the effects of decades of overdraft in groundwater use in the Central Valley of California and drought and climate change examples. The goal is to develop a tool to assess sustainable water management and inspire improvement at a regional scale. Questions from the members and the public followed the presentation.

10. Dry Creek Habitat Improvements and Biological Opinion Status Update

The Biological Opinion Status Update for June was provided to the members prior to the meeting. There will be an update at the July TAC meeting.

11. Discussion of MMWD Request for Renewal or Extension of Water Supply Agreements with SCWA and Possible WAC Action on Request

This discussion continues and will be updated at the July TAC meeting.

12. Integrated Regional Water Management Plan(s) Update

Postponed until the July TAC meeting.

13. ACWA Region 1 Tour – Eureka July 10 & 11

This will be discussed at the July 7 TAC meeting.

14. Items for Next Agenda

Dry Creek Habitat Improvements and Biological Opinion Status Update  
MMWD Request for Renewal or Extension of Water Supply Agreements with SCWA  
Integrated Regional Water Management Plan(s) Update  
ACWA Region 1 Tour in Eureka

15. Check Out

Next TAC meeting is July 7  
Next WAC/TAC meeting is August 4

Meeting was adjourned at 10:50a.m.

Draft Minutes of Technical Advisory Committee  
35 Stony Point Road, Santa Rosa, California  
July 7, 2014

Attendees: Jennifer Burke, City of Santa Rosa  
Rocky Vogler, City of Santa Rosa  
Linda Hall, City of Santa Rosa  
Elise Howard, City of Santa Rosa  
James Smith, Town of Windsor  
Paul Piazza, Town of Windsor  
Mary Grace Pawson, City of Rohnert Park  
Dan Takasugi, City of Sonoma  
Damien O'Bid, City of Cotati  
Mike Healy, City of Petaluma  
Leonard Olive, City of Petaluma  
Chris DeGabriele, North Marin Water District  
Drew McIntyre, North Marin Water District  
Mike Ban, Marin Municipal Water District  
Pam Jeanne, SCWA  
Cordell Stillman, SCWA  
Jay Jasperse, SCWA  
Carrie Pollard, SCWA  
Michael Gossman, SCWA  
Lynne Roselli, SCWA  
Don Seymour, SCWA

Public Attendees: Brenda Adelman, RRWPC  
David Keller, FOER  
Dietrich Stroeh, Stuber-Stroeh Engineering Group  
Dawna Gallagher Stroeh, SRBPGW, Clean Water Sonoma Marin  
Margaret DiGenova, California American Water  
Deborah Tavares  
Bob Anderson, United Winegrowers

1. Check-in

Chair Chris DeGabriele called the meeting to order at 9:05a.m.

2. Public Comment

Deborah Tavares commented on funding provided to the California Water Foundation by Bechtel and Rand and their interest to privatize water supplies in communities.

3. Water Supply Conditions and Summer Water Conservation

Pam Jeanne, SCWA, reported Lake Mendocino is 41% full and Lake Sonoma is 70% full. River flow is set according to Decision 1610 dry year requirements. There is no plan to petition to change minimum stream flows with the State. Questions followed from the public. Carrie Pollard, SCWA, reported on the outreach booth that will be at the Sonoma County Fair in Santa Rosa. Elise Howard, City of Santa Rosa, reported on an outdoor boot camp for people to convert their landscaping to lower water use, which could expand to other communities based on the program in Santa Rosa. There will be meetings at the end of July to assist Upper Russian River water users to conserve water. Radio ads and highway signs are displaying messages to conserve water. Petaluma had a booth at the Sonoma Marin Fair focusing on the drought. Santa Rosa is

approaching restaurants to conserve water by having customers request water. Windsor has dedicated construction electronic message boards reminding people to conserve water. North Marin has achieved 20% water savings as directed by the Governor's drought declaration. Workshops have been held to assist residents in how to conserve water. Questions followed from the public with Chris DeGabriele, NMWD, and Pam Jeanne, SCWA, responding. Brenda Adelman commented on not using a whole year for water use. She contends water use is only down 2%, not 20%. She suggests more work be done to conserve because it appears it is not happening.

4. Water/Energy Nexus

Cordell Stillman, SCWA, reported two bills are in the State Legislature that will affect Urban Water Management Plans. SB 1036 is asking for water management plans to quantify energy used for water supply and SB 1420 requires lost water to be identified in Urban Water Management Plans. CPUC is working on a program that partners water efficiency projects with saving energy. Generalizations will be made for the North Coast, but the tool can be modified. Cost effectiveness of water efficiency projects will be measured.

5. Integrated Regional Water Management Plans Update

There was no update for this item today.

6. Water Bond Coalition Update

The Wolk Water Bond Bill for \$10.8B did not pass in the Senate. The \$11.2B Water Bond Bill passed in 2009 is the default until other legislation is passed. The Governor does not support the default taking the place of a new bill.

7. Biological Opinion Status Update

Pam Jeane, SCWA, reviewed the Biological Opinion Status Update distributed to meeting attendees. The major part of Mile One of the rehabilitation project of Dry Creek should be completed this construction season. Miles two and three are moving forward. SCWA is working closely with the Corps of Engineers. Traps are being monitored for fish migrating out to the ocean. Mirabel soil stabilization work is completed and the contractor will start replacement of the fish ladder soon. The Estuary is open and study work on the jetty is being done. Draft EIR will be released at the end of 2014. Community meetings have been held for Dry Creek and the Estuary.

8. Items for Next Agenda

August 4 WAC/TAC Meeting

Water Supply Conditions and Summer Water Conservation  
Integrated Regional Water Management Plans Update  
Water Bond Coalition Update  
Biological Opinion Status Update

9. Check Out

Next WAC/TAC meeting is August 4  
Next TAC meeting is September 8

Meeting adjourned at 9:50a.m.

Summary  
July 25, 2014  
Water Supply Coordination Council Meeting

The WSCC is intended to coordinate activities of the Agency, WAC/TAC and other parties as necessary and to report on same pursuant to the Sonoma County Water Agency's September 15, 2009 Resolution #09-0871 to commence and continue development of new water supply projects, plans and strategies to meet the reasonably expected future water demands for the agency's water contractors. The WSCC makes no policy decisions. This WSCC summary is intended to disclose WSCC discussions with the WAC/TAC and other interested parties.

Attendees: Efren Carrillo, Dennis Rodoni, Mike Healy, Grant Davis, Jay Jasperse, David Guhin, Chris DeGabriele

1. Review Summary of Last Meeting (May 23, 2014)

A summary of the May 23, 2014 WSCC meeting was reviewed.

2. August 4<sup>th</sup> WAC/TAC Meeting

The agenda for the Water Advisory Committee and Technical Advisory Committee scheduled for August 4, 2014 was reviewed.

3. Water Supply

a. Water Supply Conditions

Grant Davis reported that Lake Mendocino storage totaled 50,794AF on June 1 and the Temporary Urgency Change Order had sunset. The entire Russian River is now classified as dry based on Decision 1610 and storage in Lake Pillsbury. Minimum in-stream flow in the upper Russian River is now 75cfs, up from 25cfs pursuant to previous critically dry conditions under the TUCO. At the same time the State Water Resources Control Board has issued curtailment orders prohibiting diversion by junior water right holders in the upper Russian River.

b. State Board Requirements for Urban Retail Water Suppliers

On July 15<sup>th</sup> the State Board adopted Emergency Water Conservation Regulations for urban retail water providers which prohibit water waste, authorize fines up to \$500 for water waste violations, require mandatory restrictions on outdoor potable water irrigation, and monthly reporting of potable urban water production. Chris DeGabriele made comments to the State Board on behalf of the Sonoma Marin Saving Water Partnership along with many other urban retail water suppliers which resulted in limited revision to the originally proposed regulations.

c. Temporary Urgency Change Order

The Russian River Flood Control and Water Conservation District is concerned that



the higher in-stream flow now in place will deplete Lake Mendocino storage and is requesting SCWA petition the State Board for another TUC Order to reduce in-stream flow requirements. RRFC has also requested the State Board recognize the concern and take action to reduce in-stream flow under emergency authority.

4. New Conservation Programs for Agriculture

Grant advised that agricultural water users along the Russian River had previously been requested to irrigate on alternate days, with the intent to level demand and reduce the margin of Lake Mendocino release needed to meet in-stream flow on the upper Russian River. However, the State Board curtailment orders have precluded that plan from implementation and it is not known if such planned irrigation can now be coordinated and undertaken in the future.

5. Mirabel Ground Stabilization – Fish Ladder Project

Jay Jasperse indicated that the ground stabilization work, preliminary to the Mirabel Fish Screen/Fish Ladder construction, had been completed. The Fish Screen/Fish Ladder contract has been awarded and work is now underway. An upstream cofferdam will be constructed to enable dewatering of the worksite. SCWA is coordinating with the Water Contractors at the TAC and operator level to insure water supply is not interrupted. The group was reminded that the Fish Screen replacement is a component of the Biological Opinion Reasonable and Prudent Alternative.

6. Water Supply Agreements

Grant advised that the agreement with Town of Windsor for direct diversion from the Russian River under the SCWA water right authority has been extended for 10 years as Windsor navigates the State Board process to perfect its' own water right for that diversion. The SCWA agreements with MMWD have been extended for 1 year to enable the parties to conclude negotiation on revised agreements.

7. Schedule Next Meeting

Next meeting will be scheduled prior to the November 3, 2014 WAC/TAC meeting.



**NORTH MARIN  
WATER DISTRICT**

8/4/2014 WAC/TAC  
# 7

[commentletters@waterboards.ca.gov](mailto:commentletters@waterboards.ca.gov)

July 14, 2014

999 Rush Creek Place  
P.O. Box 146  
Novato, CA 94948

**PHONE**  
415.897.4133

**FAX**  
415.892.8043

**EMAIL**  
info@nmwd.com

**WEB**  
www.nmwd.com

Felicia Marcus, Chair  
State Water Resources Control Board  
PO BOX 100  
Sacramento, CA 95812-10100

Re: 7/15-16/14 BOARD MEETING (Emergency Regulations for Water Conservation)

Dear Chair Marcus and State Water Board Members:

On behalf of the Sonoma Marin Saving Water Partnership representing the urban retail water agencies receiving wholesale water supply from Sonoma County Water Agency's Russian River System, serving 600,000 residents (The Water Contractors: Town of Windsor, Cities of Santa Rosa, Rohnert Park, Cotati, Sonoma, Petaluma, and Valley of the Moon, Marin Municipal, and North Marin Water District) we express our support of the objective but request clarification of the proposed regulations prior to adoption.

Over the years, this region has been progressive in response to drought conditions. Lake Sonoma, which now provides the majority of water supply for the Water Contractors, was constructed subsequent to the 1976-77 drought of record in California and is currently at 70% of capacity holding nearly 170,000AF of water supply, sufficient to meet the needs of the region for at least the next two years. In 2010 the Sonoma Marin Saving Water Partnership was created to work collaboratively on implementation of appropriate water use efficiency programs on a regional basis. These parties also established a regional alliance to comply with the SBx7-7 Legislation enacted to reduce per capita water use by 20% by the year 2020. The attached chart shows the Sonoma Marin Saving Water Partnership and each Water Contractor's performance in 2013, identifying that the collaborative process has worked in our region as per capita consumption has been reduced to meet the SBx7-7 goal.

Additionally, recycled water development in our region by Marin Municipal Water District, the Cities of Santa Rosa, Rohnert Park, Petaluma, Town of Windsor, and participants in the North Bay Water Reuse Authority have been effective at expanding the use of recycled water to offset potable water demand.

Currently, all of the Water Contractors have prohibited activities identified in the proposed Emergency Regulation Section X.1 and either have adopted the initial voluntary stage of their respective Water Shortage Contingency Plans or implemented

DIRECTORS: JACK BAKER • RICK FRAITES • STEPHEN PETTERLE • DENNIS RODONI • JOHN C. SCHOONOVER

OFFICERS: CHRIS DE GABRIELE, General Manager • KATIE YOUNG, Secretary • DAVID L. BENTLEY, Auditor-Controller • DREW MCINTYRE, Chief Engineer

equivalent measures to affect further conservation in this drought year pursuant to the direction by the Governor in January 2014. Sonoma County Water Agency, working with the Water Contractors has implemented an extensive regional public outreach campaign (**There's a Drought On. Turn the Water Off**) which has been effective in heightening the public response to this drought condition.

The Water Contractors urge the State Board to enable a functional equivalent opportunity for voluntary stages, which include mandatory restrictions on outdoor water use, to achieve the same level of savings (20% reduction in overall water use compared to 2013) as identified in the target established by these proposed Emergency Regulations.

The Water Contractors believe the most equitable, consistent and accurate way to monitor water use is to track monthly water production. Tracking per capita consumption for this purpose will not be accurate due to the inaccurate monthly population data (both historical and forecast), service territory alignment and seasonal population variations.

Finally, the Water Contractors urge the State Board to make any fine for infractions an optional measure to be determined by locally elected governing bodies. The Water Contractors have water waste ordinances and associated programs to progressively enforce these ordinances. Allowing these programs to be implemented as defined at the local level will provide for the best use of resources to achieve water conservation savings.

Sincerely,



Chris DeGabriele  
General Manager  
North Marin Water District &  
Chair Technical Advisory Committee  
to Sonoma County Water Agency



Enclosure  
CD/kly

t:\gm\swrcb\lir to swrcb re emergency regulations 0714.doc



**MEMORANDUM**

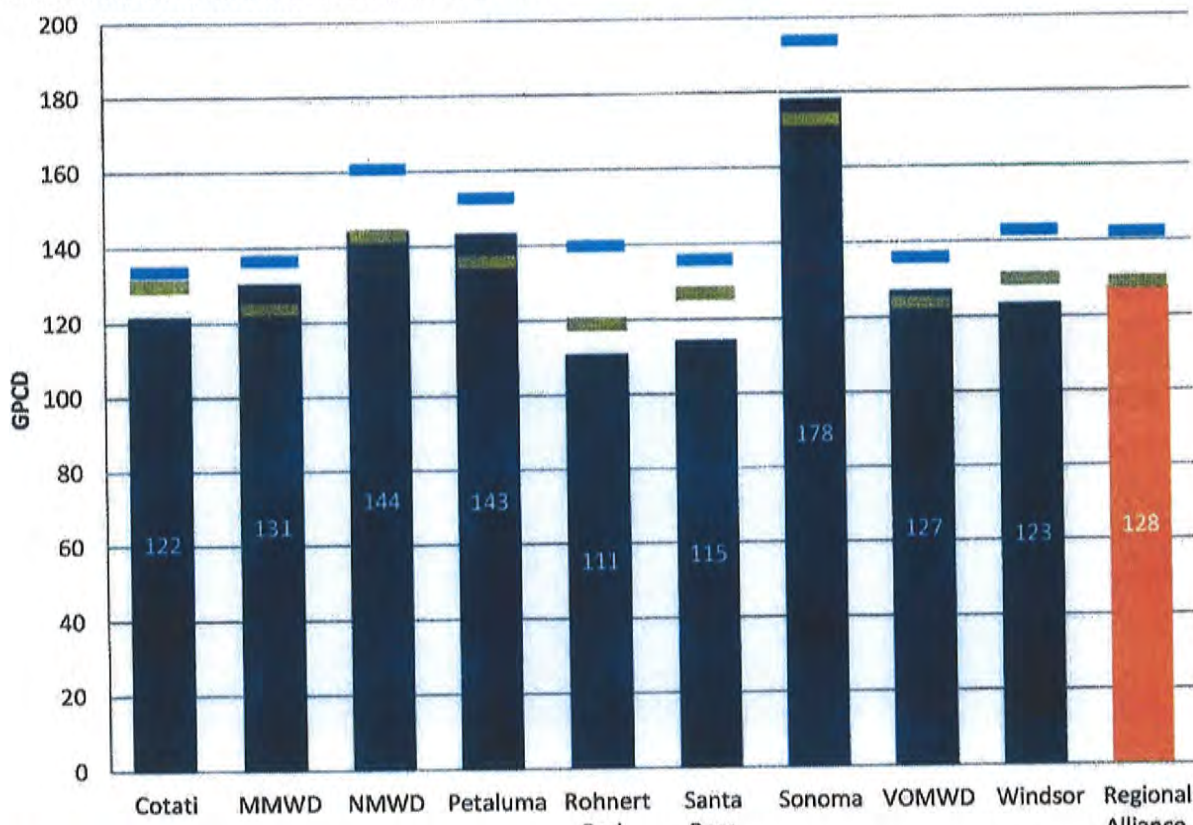
**To: Chris DeGabriele, Technical Advisory Committee Chair**  
**From: Carrie Pollard, Principal Program Specialist, Water Agency**  
**Subject: UPDATED 2013 Gallon per Capita per Day (GPCD)**

**May 1, 2014**

On May 18, 2011 DWR was notified that a regional alliance has been formed between and among the cities of Santa Rosa, Rohnert Park, Sonoma, Cotati, Petaluma, Town of Windsor and North Marin, Marin Municipal and Valley of the Moon Water Districts to comply with SBx7-7, the Water Conservation Act of 2009. The regional alliance was formed pursuant to the Department of Water Resources Methodologies for Calculating Baseline and Compliance Urban Per Capita Water Use because the parties receive water from a common water wholesale supplier, the Sonoma County Water Agency.

The Sonoma-Marin Saving Water Partnership established a regional commitment to work collaboratively on the implementation of appropriate water use efficiency programs. The Partnership is the mechanism used for tracking each water contractor's individual progress towards SBx7-7 compliance and to track the regional status on an annual basis.

The graph and table below show the reported 2013 GPCD, the 2015 Target and the 2020 Target for each water contractor and the region as whole.



	Cotati	MMWD	NMWD	Petaluma	Rohnert Park	Santa Rosa	Sonoma	VOMWD	Windsor	Regional Alliance
2013 GPCD	122	131	144	143	111	115	178	127	123	128
2015 Target	134	137	161	153	140	136	194	136	143	142
2020 Target	130	124	143	136	119	127	173	124	130	129

**STATE WATER RESOURCES CONTROL BOARD  
RESOLUTION NO. 2014-0038**

**TO ADOPT AN EMERGENCY REGULATION  
FOR STATEWIDE URBAN WATER CONSERVATION**

WHEREAS:

1. On April 25, 2014, Governor Edmund G. Brown Jr. issued an executive order to strengthen the state's ability to manage water and habitat effectively in drought conditions and called on all Californians to redouble their efforts to conserve water. The executive order finds that the continuous severe drought conditions present urgent challenges across the state including water shortages in communities and for agricultural production, increased wildfires, degraded habitat for fish and wildlife, threat of saltwater contamination, and additional water scarcity if drought conditions continue into 2015. The National Integrated Drought Information System reported that nearly 80% of the state was reported to be under "extreme" drought conditions at the end of June;
2. The executive order refers to the Governor's Proclamation No. 1-17-2014, issued on January 17, 2014, declaring a State of Emergency to exist in California due to severe drought conditions. The January Proclamation notes that the state is experiencing record dry conditions, with 2014 projected to become the driest year on record. Since January, state water officials indicate that reservoirs, rainfall totals and the snowpack remain critically low. This follows two other dry or below average years, leaving reservoir storage at alarmingly low levels. The January Proclamation highlights the State's dry conditions, lack of precipitation and the resulting effects on drinking water supplies, the cultivation of crops, and the survival of animals and plants that rely on California's rivers and streams. The January Proclamation also calls on all Californians to reduce their water usage by 20 percent;
3. There is no guarantee that winter precipitation will alleviate the drought conditions that the executive orders address, which will lead to even more severe impacts across the state if the drought wears on;
4. Water Code section 1058.5 grants the State Water Board the authority to adopt emergency regulations in certain drought years in order to: "prevent the waste, unreasonable use, unreasonable method of use, or unreasonable method of diversion, of water, to promote water recycling or water conservation, to require curtailment of diversions when water is not available under the diverter's priority of right, or in furtherance of any of the foregoing, to require reporting of diversion or use or the preparation of monitoring reports";
5. Over 400,000 acres of farmland are expected to be fallowed, thousands of people may be out of work, communities risk running out of drinking water, and fish and wildlife will suffer.



6. Many Californians have taken bold steps over the years and in this year to reduce water use; nevertheless, the dire nature of the current drought requires additional conservation actions from residents and businesses. Some severely affected communities have implemented water rationing, limiting water use in some cases to only 50 gallons per person per day, foregoing showers, laundry, toilet flushing, and all outdoor watering.
7. Water conservation is the easiest, most efficient and most cost effective way to quickly reduce water demand and extend supplies into the next year, providing flexibility for all California communities. Water saved this summer is water available next year, giving water suppliers the flexibility to manage their systems efficiently. The more water that is conserved now, the less likely it is that a community will experience such dire circumstances that water rationing is required ;
8. Most Californians use more water outdoors than indoors. In many areas, 50 percent or more of daily water use is for lawns and outdoor landscaping. Outdoor water use is generally discretionary, and many irrigated landscapes would not suffer greatly from receiving a decreased amount of water;
9. Public information and awareness is critical to achieving conservation goals and the Save Our Water campaign, run jointly by the Department of Water Resources (DWR) and the Association of California Water Agencies, is an excellent resource for conservation information and messaging that is integral to effective drought response (<http://saveourwater.com>).
10. Enforcement against water waste is a key tool in conservation programs. When conservation becomes a social norm in a community, the need for enforcement is reduced or eliminated;
11. The emergency regulations set a minimum standard requiring only modest lifestyle changes across the state. Many communities are already doing more and have been for years. They should be commended, but can and should do more. Others are not yet doing so and should at least do this, but should do much more given the severity of the drought;
12. On July 8, 2014, the State Water Board issued public notice that the State Water Board would consider the adoption of the regulation at the Board's regularly-scheduled July 15, 2014 public meeting, in accordance with applicable State laws and regulations. The State Water Board also distributed for public review and comment a Finding of Emergency that complies with State laws and regulations;
13. On April 25, 2014, the Governor suspended the California Environmental Quality Act's application to the State Water Board's adoption of emergency regulations pursuant to Water Code section 1058.5 to prevent the waste, unreasonable use, unreasonable method of use, or unreasonable method of diversion of water, to promote water recycling or water conservation;
14. As discussed above, the State Water Board is adopting the emergency regulation because of emergency drought conditions, the need for prompt action, and current limitations in the existing enforcement process;

15. Disadvantaged communities may require assistance in increasing water conservation and state agencies should look for opportunities to provide assistance in promoting water conservation;
16. Nothing in the regulations or in the enforcement provisions of the regulations, preclude a local agency from exercising its authority to adopt more stringent conservation measures. Moreover, the Water Code does not impose a mandatory penalty for violations of the regulations adopted by this resolution and local agencies retain their enforcement discretion in enforcing the regulations, to the extent authorized, and may develop their own progressive enforcement practices to encourage conservation.

THEREFORE BE IT RESOLVED THAT:

1. The State Water Board adopts California Code of Regulations, title 23, sections 863, 864, and 865, as appended to this resolution as an emergency regulation;
2. The State Water Board staff will submit the regulation to the Office of Administrative Law (OAL) for final approval;
3. If, during the approval process, State Water Board staff, the State Water Board, or OAL determines that minor corrections to the language of the regulation or supporting documentation are needed for clarity or consistency, the State Water Board Executive Director or designee may make such changes;
4. These regulations shall remain in effect for 270 days after filing with the Secretary of State unless the State Water Board determines that it is no longer necessary due to changed conditions, or unless the State Water Board renews the regulations due to continued drought conditions as described in Water Code section 1058.5;
5. The State Water Board directs staff to provide the Board with monthly updates on the implementation of the emergency regulations and their effect;
6. Directs State Water Board staff to condition funding upon compliance with the emergency regulations, to the extent feasible;
7. Directs State Water Board staff to work with the Department of Water Resources and the Save Our Water campaign to disseminate information regarding the emergency regulations; and
8. Directs State Water Board staff in developing an electronic reporting portal to include data fields so that local agencies may provide monthly reporting data on (i) conservation-related implementation measures or enforcement actions taken by the local agency and (ii) substitution during the drought of potable water with recycled water to extend water supplies.

THEREFORE BE IT FURTHER RESOLVED THAT:

9. The State Water Board commends water suppliers that have increased conservation messaging and adopted innovative strategies to enhance customer awareness of water use, such as applications that let customers compare their water use to water use by others; reduce system losses, such as fixing system leaks which can deplete supplies by 10 percent or more; and establish incentives to reduce demand, such as tiered or drought rate structures. The State Water Board also commends all Californians that have already been working to maximize their conservation efforts, both at home and at work;
10. The State Water Board calls upon water suppliers to take the following actions:

*Educate customers and employees*

- Retail water suppliers should provide notice of the regulations in English and Spanish in one or more of the following ways: newspaper advertisements, bill inserts, website homepage, social media, notices in public libraries;
- Wholesale suppliers should include reference to the regulations in their customer communications;
- All water suppliers should train personnel on the regulations;
- All water suppliers should provide signage where recycled or reclaimed water is being used for activities that the emergency regulations prohibit with the use of potable water, such as operation of fountains and other water features;
- All water suppliers should redouble their efforts to disseminate information regarding opportunities and incentives to upgrade indoor fixtures and appliances;
- All water suppliers should use education and the tools available through the Save Our Water website (<http://saveourwater.com>); and
- All water suppliers should educate and prepare their boards and councils on the drought response actions contained in the emergency regulations and in this resolution, and to make sure that drought response items are placed on agendas as early as possible;

*Increasing local supplies*

- All water suppliers should accelerate the completion of projects that will conserve potable water by making use of non-potable supplies, such as recycled water, "greywater," and stormwater collection projects;
- All water suppliers should improve their leak reporting and response programs and request that police and fire departments and other local government personnel report leaks and water waste that they encounter during their routine duties/patrols;
- Smaller water suppliers – those with fewer than 3,000 service connections – should take proactive steps to secure their communities' water supplies and educate their customers about water conservation and the status of their supply reserves;
- All water suppliers should conduct water loss audits and make leak detection and repair a top priority for the duration of the drought; and
- All urban water suppliers should evaluate their rate structures and begin to implement needed changes as part of planning for another dry year. Information and assistance on setting and implementing drought rates is available from the Alliance for Water Efficiency. (<http://www.allianceforwaterefficiency.org/>).

11. The State Water Board calls on all Californians to take the following additional actions:
  - Further reduce water demand, whether by using less water in daily routines indoors and out, retrofitting appliances and installing greywater and rainwater catchment systems; and
  - Check residential and business water bills to see if there are high charges that may indicate a leak and to fix the leak, if they are able, or contact their local water utility if they need assistance.
12. The State Water Board encourages its staff, the Department of Water Resources, the Public Utilities Commission, urban water suppliers, and other local agencies to look for opportunities to encourage and promote new technologies that reduce water usage, including through timely access to water usage information and behavioral response.
13. The State Water Board encourages all state and local agencies to look for additional opportunities to minimize potable water use in outdoor spaces.
14. The State Water Board encourages investor-owned utilities to expeditiously submit applications for implementation of the regulations to the California Public Utilities Commission.

#### CERTIFICATION


The undersigned Clerk to the Board does hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the State Water Resources Control Board held on July 15, 2014.

AYE:            Chair Felicia Marcus  
                    Vice Chair Frances Spivy-Weber  
                    Board Member Steven Moore  
                    Board Member Dorene D'Adamo

NAY:            None

ABSENT:       Board Member Tam M. Doduc

ABSTAIN:      None

  
\_\_\_\_\_  
Jeanine Townsend  
Clerk to the Board

# PROPOSED TEXT OF EMERGENCY REGULATIONS

## Article 22.5. Drought Emergency Water Conservation

### Sec. 863 Findings of Drought Emergency

(a) The State Water Resources Control Board finds as follows:

(1) On January 17, 2014, the Governor issued a proclamation of a state of emergency under the California Emergency Services Act based on drought conditions;

(2) On April 25, 2014, the Governor issued a proclamation of a continued state of emergency under the California Emergency Services Act based on continued drought conditions;

(3) The drought conditions that formed the basis of the Governor's emergency proclamations continue to exist;

(4) The present year is critically dry and has been immediately preceded by two or more consecutive below normal, dry, or critically dry years; and

(5) The drought conditions will likely continue for the foreseeable future and additional action by both the State Water Resources Control Board and local water suppliers will likely be necessary to further promote conservation.

Authority: Wat. Code, § 1058.5.

References: Wat. Code, §§ 102, 104, 105.

### Sec. 864 Prohibited Activities in Promotion of Water Conservation

(a) To promote water conservation, each of the following actions is prohibited, except where necessary to address an immediate health and safety need or to comply with a term or condition in a permit issued by a state or federal agency:

(1) The application of potable water to outdoor landscapes in a manner that causes runoff such that water flows onto adjacent property, non-irrigated areas, private and public walkways, roadways, parking lots, or structures;

(2) The use of a hose that dispenses potable water to wash a motor vehicle, except where the hose is fitted with a shut-off nozzle or device attached to it that causes it to cease dispensing water immediately when not in use;

(3) The application of potable water to driveways and sidewalks; and

(4) The use of potable water in a fountain or other decorative water feature, except where the water is part of a recirculating system.

(b) The taking of any action prohibited in subdivision (a) of this section, in addition to any other applicable civil or criminal penalties, is an infraction, punishable by a fine of up to five hundred dollars (\$500) for each day in which the violation occurs.

Authority: Wat. Code, § 1058.5.

References: Wat. Code, §§ 102, 104, 105.



## PROPOSED TEXT OF EMERGENCY REGULATIONS

### Sec. 865 Mandatory Actions by Water Suppliers

(a) The term "urban water supplier," when used in this section, refers to a supplier that meets the definition set forth in Water Code section 10617, except it does not refer to suppliers when they are functioning solely in a wholesale capacity, but does apply to suppliers when they are functioning in a retail capacity.

(b)(1) To promote water conservation, each urban water supplier shall implement all requirements and actions of the stage of its water shortage contingency plan that imposes mandatory restrictions on outdoor irrigation of ornamental landscapes or turf with potable water.

(2) As an alternative to subdivision (b)(1), an urban water supplier may submit a request to the Executive Director for approval of an alternate plan that includes allocation-based rate structures that satisfies the requirements of chapter 3.4 (commencing with section 370) of division 1 of the Water Code, and the Executive Director may approve such an alternate plan upon determining that the rate structure, in conjunction with other measures, achieves a level of conservation that would be superior to that achieved by implementing limitations on outdoor irrigation of ornamental landscapes or turf with potable water by the persons it serves to no more than two days per week.

(c) To promote water conservation, each urban water supplier that does not have a water shortage contingency plan or has been notified by the Department of Water Resources that its water shortage contingency plan does not meet the requirements of Water Code section 10632 shall, within thirty (30) days, limit outdoor irrigation of ornamental landscapes or turf with potable water by the persons it serves to no more than two days per week or shall implement another mandatory conservation measure or measures intended to achieve a comparable reduction in water consumption by the persons it serves relative to the amount consumed in 2013.

(d) In furtherance of the promotion of water conservation each urban water supplier shall prepare and submit to the State Water Resources Control Board by the 15<sup>th</sup> of each month a monitoring report on forms provided by the Board. The monitoring report shall include the amount of potable water the urban water supplier produced, including water provided by a wholesaler, in the preceding calendar month and shall compare that amount to the amount produced in the same calendar month in 2013. Beginning October 15, 2014, the monitoring report shall also estimate the gallons of water per person per day used by the residential customers it serves. In its initial monitoring report, each urban water supplier shall state the number of persons it serves.

(e) To promote water conservation, each distributor of a public water supply, as defined in Water Code section 350, that is not an urban water supplier shall, within thirty (30) days, take one or more of the following actions:

(1) Limit outdoor irrigation of ornamental landscapes or turf with potable water by the persons it serves to no more than two days per week; or

(2) Implement another mandatory conservation measure or measures intended to achieve a comparable reduction in water consumption by the persons it serves relative to the amount consumed in 2013.

Authority: Wat. Code, § 1058.5.

References: Wat. Code, §§ 102, 104, 105; 350; 10617; 10632.

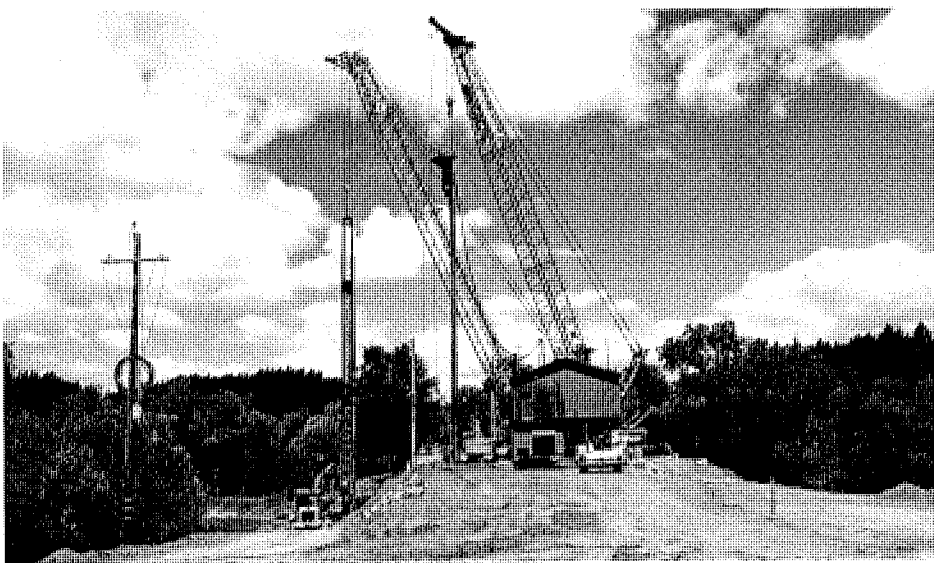
## Mirabel Projects Update 8-4-14

### Mirabel Seismic Ground Improvement

- Project Bid - \$1,663,600 (Hayward Baker Inc. Santa Paula, Ca)
- Work consisted of driving stone columns to densify subsurface material that had liquefaction potential, protecting existing and future facilities from seismic damage.
- Construction was completed July 8, 2014.

### Mirabel Fish Passage Improvement Project

- Project Bid - \$12,032,000 (F&H Construction, Lodi, Ca.)
- Project will consist of replacing the existing fish screen and fish ladder to comply with the provisions of the Biological Opinion.
- Inflatable dam is partially lowered to facilitate construction of upstream cofferdam. Dam will be completely lowered by August 7, 2014.
- There is ongoing communication between SCWA and operations staff of the water contractors regarding the status of construction and any effects on water supply capability.
- Construction of upstream cofferdam (to backwater collectors 1, 2 and 6) began the week of July 28. Cofferdam will remain in place until Russian River flows require its removal.
- Site work at Mirabel will begin August 4. Sheet pile to isolate the work site from the river will be completed by August 22. Work at the site will continue through the winter.
- New fish screens are scheduled to be completed in May 2015
- New fish ladder and viewing gallery scheduled to be completed in August 2015
- Final completion of all work scheduled for November 2015





## **Russian River Biological Opinion Update – August 2014**

The Sonoma County Water Agency is continually planning and implementing the Russian River Biological Opinion requirements. The following project updates provide a brief synopsis of current work. For more detailed information about these activities, please visit [www.sonomacountywater.org](http://www.sonomacountywater.org).

### **Dry Creek Habitat Enhancement and Demonstration Project**

- Construction of the remainder of the one-mile demonstration project continues this summer, with construction underway on June 16. Hanford Applied Restoration & Conservation, out of Sonoma, is constructing the project.
- Site identification, outreach to landowners, preliminary environmental studies and topographic surveys are underway for the second and third miles of habitat enhancement. Two firms, Interfluve and ESA PWA, are designing the second and third miles of habitat enhancement. Draft 10% conceptual designs are complete, and discussions with landowners are underway.
- Water Agency staff is working closely with the US Army Corps of Engineers on a Continuing Authorities Program (CAP) project that should allow the Corps to contribute funding for a portion of the mile 2-3 phase of Dry Creek Habitat enhancement.

### **Fish Monitoring**

Daily monitoring is underway for juvenile fish, with downstream migrant traps installed at Dry Creek. The 2014 Mirabel trapping season has ended. Water Agency staff are regularly consulting with National Marine Fisheries Service and California Department of Fish and Wildlife regarding the status of the migration and plans for reservoir releases.

### **Mirabel Screen and Fish Ladder Replacement**

Construction of the Mirabel Fish Passage Improvement Project fish is underway, with the installation of a coffer dam upstream of Wohler Bridge and excavation at the rubber dam site. The seismic upgrade project (not required by the Biological Opinion) has been completed and corrective measures were taken to ensure that the required performance is met. (See handout for additional detail on project.)

### **Russian River Estuary Management Project**

- All permits for the Lagoon Management Project have been received. The 2014 Lagoon Management Period began on May 15. Downstream migrant fish sampling is underway at Austin Creek and with an antenna at Duncans Mills that can read passive integrated transponders (PIT) tags. Biological and water quality monitoring, including fisheries and invertebrate sampling are ongoing. Monthly baseline monitoring of seals and other pinnipeds is ongoing. The Estuary Management Project Community Meeting was held on June 2, with about 50 people attending.
- Field investigations of the jetty have begun. Work was conducted in early March, including the installation of monitoring wells, and geophysical surveys began in July. The purpose of the studies is





to determine if and how the jetty impacts the formation of the barrier beach and lagoon water surface elevation.

### **Fish Flow Project**

Work is occurring internally on the preparation of the draft Environmental Impact Report for the Fish Habitat Flows and Water Rights Project. The EIR is being prepared by Water Agency staff, with assistance from consultants on some areas of impact analysis (on June 24 the Board of Directors approved a contract with M. Cubed, Inc. for the socioeconomic analysis). A draft EIR is anticipated to be released in 2014.

### **Interim Flow Changes**

Between June 1 and June 29, under a TUC issued by the State Water Resources Control Board in December, the minimum flows were 75cfs in the upper Russian River and 85 cfs in the lower river. While the order ended on June 29, on March 7, the State Water Board amended the order to include new terms, including a drought action plan (submitted to the State Water Board on 3/28) and an update on activities on water use efficiency due October 31. Post-June 29, since conditions remain “dry”, minimum flows are governed by D1610, which calls for minimum flows of 75cfs in the upper river and 85 cfs in the lower river. Water Agency staff consult regularly with resource agencies and upper river users regarding Lake Mendocino conditions.

### **Public Outreach, Reporting & Legislation**

- The Water Agency is working with contractors through the Sonoma-Marin Saving Water Partnership on an ad campaign messaging: There’s a Drought on. Turn the Water Off.
- A community meeting attended by more than 50 people was held on June 2 in Monte Rio regarding the estuary.
- Outreach on Dry Creek construction activities is occurring through direct mail, website, enews, signs and partnerships with the Dry Creek Valley Association and the Winegrape Growers of Dry Creek Valley.



*Dry Creek Habitat Enhancement, July 16, 2014*

13



**DISBURSEMENTS - DATED JULY 17, 2014**

Date Prepared: 7/15/14

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
1	AT&T	Telephone Charges: Leased Lines	896.40
2	Autoworld	Exhaust Manifold, Gaskets, Nuts & Bolts	254.78
3	Automation Direct	RTU Upgrades (Center & Wildhorse)	972.00
4	Balasubramanian, Sreekala	Refund Overpayment on Closed Account	49.79
5	Buzon, Leonardo & Rosa	Novato "Washer Rebate" Program	50.00
6	California Water Service	May-July 2014 Water Service (0 ccf)	139.73
7	California State Disbursement	Wage Assignment Order	1,018.50
8	Calpico	Anode (32 lb) (11) (1,691) & Cadweld Shots (40) (\$97)	1,788.25
9	Caltest Analytical Laboratory	Lab Testing (O.M.)	35.00
10	Campways	Tool Boxes (2) (\$1,560), Lumber Rack (\$714) & Tie Down Ratchets for Lumber Rack (2)	2,485.91
11	Cheda, Lorette	West Marin "Washer Rebate" Program	50.00
12	Cummings Trucking	Sand (32 yds) (1,674) & Rock (130 yds) (\$7,164)	8,837.43
13	Dasovich, Stephen	Novato "Cash for Grass" Program	392.00
14	Diggs, James	Retiree Exp Reimb (July Health Ins)	1,017.68
15	Fisher Scientific	Burette Clamp (Lab)	14.47
16		Cafeteria Plan: Uninsured Medical Reimbursement	219.98
17	Grainger	3/4" Hole Saw, Confined Space Fans (2) (\$1,134), Socket Set, Inspector Kit (\$227), Angle Grinder (\$140) & Canopy (10' X 10') (\$224)	1,895.56
18	Grant, Carolyn	Novato "Cash for Grass" Program	105.00

Seq	Payable To	For	Amount
19	Hach	Acid Pillows, Chlorine Reagent (\$186) & Ampule Kit (\$218) (STP)	481.94
20	Hall Dump Truck Service	Remove Dirt Spoils from District Yard (36 loads)	4,680.00
21	Hertz Equipment Rental	Dump Truck Rental (6/11-6/19/14) (\$363) & Message Board Rental (6/6-6/13/14) (\$1,090)	1,453.33
22	Hight, Monika & Jason	Refund Overpayment on Closed Account	67.49
23		Vision Reimbursement	251.10
24	JCB Of Sacramento	Rebuilt Fuel Injection Pump (\$3,165) & Mast Safety Cables (2) ('99 Kalmar Forklift)	3,933.86
25		Cafeteria Plan: Uninsured Medical Reimbursement	65.00
26	Lab Support	Temporary Staffing During Pregnancy Leave of Chemist II (Balance Remaining on Contract \$9,650)	861.00
27	Larsengines	Chain Saw Chains (\$234) & Bars	287.70
28	LeMay, Tom	Novato "Toilet Rebate" Program	98.00
29	Lewis, Bob	Refund Security Deposit on Hydrant Meter Less Final Bill	223.62
30	Lichter, Russell	Novato "Washer Rebate" Program	50.00
31	Lincoln Life	Deferred Compensation PPE 7/15/14	12,920.87
32	Maltby Electric	Circuit Breaker	261.59
33	Marin Landscape Materials	Rebar & Crushed Rock (5 yds) (\$267)	272.50
34	Marinscope	Legal Notices: Proposed Rate Increase (\$360) & Possible Adoption of Fiscal Year 14/15 NMWD Budgets for Novato Service Area	399.20
35	Marin County Recorder	March-May Copies of Official Records (5)	36.00
36	Markel, Jim	Refund Overpayment on Closed Account	69.19
37	Matchette, Tim	Retiree Exp Reimb (July Health Ins)	349.23
38	McAghon, Andrew	June Sludge Removal	1,960.00
39	McLellan, WK	Misc Paving	2,717.63

Seq	Payable To	For	Amount
40	McDowall, H	Refund Overpayment on Closed Account	43.92
41	Moore, Doug	Retiree Exp Reimb (July Health Ins)	943.40
42	Nationwide Retirement Solution	Deferred Compensation PPE 7/15/14	1,025.00
43	Nevin, John	Refund Overpayment on Closed Account	63.73
44	Novato Chevrolet	Brake Shoe Kit (\$138), Drums (\$237) & Spring Kits ('06 Chevy Colorado), Brake Adjuster, Ignition Switch, Washer Pump & Battery (\$138) ('02 Chevy K1500)	725.72
45	Open Spatial	Facility Map Updates to Prepare for GIS Linking	11,100.00
46	O'Reilly Auto Parts	Washer Fluid, Degreaser, Car Wash Soap & General Cleaner	53.93
47	Osorio, Richard	Refund Overpayment on Closed Account	36.10
48	Pace Supply	8" Polyurethane Foam Swabs (9) (For Pipe Cleaning)	278.16
49	Pardini Trucking Inc, Bill	Refund Security Deposit on Hydrant Meter Less Final Bill	276.79
50	PG&E	Power: Bldgs/Yard (\$4,043), Rectifier/Controls (\$477), Pumping (\$31,870), Treatment (\$121) & Other (\$286)	36,797.72
51	Pini Hardware	Light Fixtures (Apartment), Cat 5 Cable Ends (4), Screwdriver, Hardware, Garden Hose, Screen for Tank Vents (\$36), Clamps (7), Buckets (10), Sprayer, Surge Outlets (2), Coupling & Paint (6-12 oz cans) (\$33)	248.14
52	Point Reyes Light	Legal Notice for Public Hearing Regarding Rate Increase & Drought Surcharge	383.25
53	Pougiales, Mary	Novato "Washer Rebate" Program	50.00
54	RF MacDonald	Replacement Pump End for Well 2 @ PRTP	3,027.25
55	Roberts, Renee	Retiree Exp Reimb (July Health Ins)	349.23
56	Rodriguez, Peter	Novato "Cash for Grass" Program	400.00
57	Sage Software	Accounting Software HRMS Module (\$841) & Accounting Software Fixed Assets Module Maintenance (\$720) (7/22-7/21/15)	1,561.07

Seq	Payable To	For	Amount
58	Sequoia Safety Supply	Sunscreen Toilettes (150) (\$85) & Safety Glasses (12)	125.27
59	Shamrock Materials	Controlled Density Fill (Balance Remaining on Contract \$2,118)	785.37
60	Shirrell Consulting Services	July Dental Insurance Administration Fee	288.15
61	Sierra Chemical	Chlorine (1 ton) (STP)	1,519.16
62	Streakwave Wireless	RTU Radio	595.28
63	Syar Industries	Asphalt (7 tons)	863.60
64	Thomas Scientific	Faucet Nozzles (2) (\$182) & Cleaner (Lab)	221.53
65	United Parcel Service	Delivery Service: Returned Book Purchased (Eng) & Sent Scrubber Media for Testing (STP)	17.97
66	Univar	Ferric Chloride (17,531 lbs) (STP)	6,300.55
67	US Bank	June Safekeeping Fee-Treasury Securities	150.75
68	US Postal Service	Meter Postage	1,000.00
69	Vali Cooper & Associates	Construction Management Services: AEEP Reaches A-D/MSN B3 Project (Balance Remaining on Contract \$1,194,092)	54,479.42
70	Verizon California	Telephone Charges: Leased Lines	832.50
71	VWR International	Safety Bulbs (3) & Bottle Media (\$117) (Lab)	153.01
72	West Marin Citizen	Legal Notice-Public Hearing Proposed West Marin Water System Rate Changes	280.00
73	White & Prescott	Olema Pump Station, Inn Marin WLE, Korean Church & OMA WLE	2,400.00
<b>TOTAL DISBURSEMENTS</b>			<b><u>\$179,037.70</u></b>

The foregoing payroll and accounts payable vouchers totaling \$178,972.70 are hereby approved and authorized for payment.

  
 Auditor-Controller

7/14/14  
 Date

  
 General Manager

7/15/2014  
 Date

## DISBURSEMENTS - DATED JULY 24, 2014

Date Prepared: 7/22/14

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:

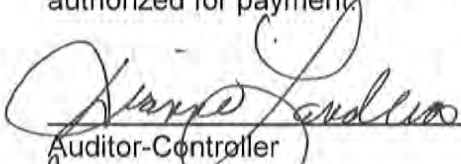
Seq	Payable To	For	Amount
P/R*	Employees	Net Payroll 7/15/14 PPE	\$116,398.16
EFT*	US Bank	Federal & FICA Taxes 7/15/14 PPE	55,058.12
EFT*	State of California	State Taxes & SDI 7/15/14 PPE	8,998.29
EFT*	US Bank	Bank Analysis Fee	5,877.65
1	Alpha Analytical Labs	Lab Testing	144.00
2	Arendell, Tony	Exp Reimb: Water Treatment Plant Operation Course Package	113.68
3	AT&T	Telephone Charges: Leased Lines	63.30
4	Autoworld	Radiator Hose, Vacuum Leak Detector Switch, Purge Solenoid Harness (\$67), Purge Canister (\$57) & Emissions Test Port	223.27
5	Bank of Marin	Bank of Marin Loan Principal & Interest (Pymt 33 of 240)	46,066.67
6	Bastogne	Refund Overpayment on Closed Account	104.00
7	Bay Area Barricade Service	NMWD Barricades (30) (\$826), Reflective Cones (30) (\$524) & Marking Paint (36-17oz cans)	1,491.14
8	CalPERS Retirement System	Pension Contribution PPE 7/15/14	40,624.13
9	Clark, Robert	Exp Reimb: Consultant Lunch at Stafford Lake	71.00
10	CWEA	CWEA Membership Renewal (Reischmann) (Budget \$0) (\$148) & Renewal for Collection System Maintenance Grade II (\$240) (Kane)	388.00
11	Davidson Group	Commercial "Toilet Rebate" Program	100.00
12	Environ Lab Accreditation Prog	Annual Lab Accreditation	3,263.00
13	Environmental Express	Dilution Water (100) (Lab)	185.57
14	Evoqua Water Technologies	Service on Deionization System (Lab)	215.35



Seq	Payable To	For	Amount
15		Vision Reimbursement	32.60
16	Franchise Tax Board	State Tax Order (1 of 2)	527.66
17	Golden Gate Petroleum	Gasoline (\$3.97/gal) & Diesel (\$3.98/gal)	5,169.09
18	Goodpaster, Stacie	Replacement Check - Original Lost	20.55
19	Grainger	Inspection Camera (\$380), Extension Cord (\$97) (17 mm), Saw Blades (2), 3/8" Nut Drive, 1/2" Hand Ratchet, Breaker Bar (\$42) & Bucket Organizer (Less Credit of \$227)	389.88
20	Groeniger	6" Two Door Check Valve	485.05
21	Instrument Technology	Signal Clamp on Transmitter	680.97
22	Jim-n-i Rentals	Steel Plate Rental (5/27-6/24/14) (\$612) & Beam Rental (2) (5/13-6/24/14) (\$294)	906.24
23	John's Dairy Equipment & Supply	Hog Rings (Wire Staples) & Chlorine Tablets (100 lbs) (\$348)	361.31
24	Marin County Tax Collector	LAFCO Expense Allocation FY14/15 (Budget \$8,880)	8,868.53
25	Mayline2Go	Replacement Engineering Conference Table (\$619) & Chairs (\$2,232)	2,851.00
26	McLellan, WK	Misc Paving (1,099 S.F.)	11,562.98
27	McMaster-Carr Supply	Lock Nuts (6)	36.13
28	Miller Pacific Engineering	Engineering Services: Olema Pump Station (Balance Remaining on Contract \$58,452)	3,000.00
29	Nerviani's Backflow	Backflow Device Testing (Balance Remaining on Contract \$1,710)	90.00
30	Normandi, Winifred	Novato "Washer Rebate" Program	200.00
31	Northern Safety	Lab Coats (2) (\$87) & Safety Glasses Lab Coat	112.26
32	Novato Chamber of Commerce	Novato Leadership Tuition (Arendell)	895.00
33	Novato Sanitary District	Recycled Water May 2014 (\$9242) & Non Domestic Discharge Permit (NMW 007) Scheduled Monitoring Fees FY14 (\$315)	9,558.43
34	Novato Unified School District	Clean DPF Filter (Diesel Particulate)	250.00

Seq	Payable To	For	Amount
35	Pace Supply	Hydrant Bury (5) (\$1,602), 5/8" & 3/4" Track Bolts (24) (\$628), Hex Nuts (30) (\$93) & Gasket Meters (194)	2,354.35
36	PDM Steel Service Centers	Steel Plate to Replace Bottom of Dump Truck Body (\$602) & Steel Tubing for Welding Shop (\$659)	1,260.79
37	Peraza, Edgar	Novato "Toilet Rebate" Program	169.98
38	Pollard Water	Calcium Thiosulfate (Dechlorination Agent) (55 gal) (STP)	563.75
39		Cafeteria Plan: Childcare Reimbursement	208.33
40		Cafeteria Plan: Childcare Reimbursement	129.49
41	Scott Technology Group	Fax Capability for Canon Copier	1,027.52
42	Sequoia Safety Supply	Ibuprofen (300) & Anti-Fog Lens Wipes (300)	36.86
43	Shanks, Ralph & Lisa	Replacement Check - Original "Lost in Mail"	50.00
44	State Water Resources Control	Clean Drinking Water State Revolving Fund Loan Principal & Interest RW-S Phase 2	100,232.68
45	TelePacific	June Telephone Charges	434.66
46	Thomas Scientific	Autoclave Indicators (5) (Lab)	112.75
47	Township Building Services	June Janitorial Services	1,588.84
48	United Site Services	Porta Potty Rental (7/1-7/28/14)	156.09
49	USA BlueBook	pH Buffer (STP)	152.70
50	Verizon California	Telephone Charges: Leased Lines	245.52
		<b>TOTAL DISBURSEMENTS</b>	<b><u>\$434,107.32</u></b>

The foregoing payroll and accounts payable vouchers totaling \$434,107.32 are hereby approved and authorized for payment.

  
 Auditor-Controller 7/21/14  
 Date

  
 General Manager 7/21/2014  
 Date

# SAFETY INCENTIVE PROGRAM

## Description

The Safety Incentive Program is designed to recognize the safe work practices and behaviors of District employees. Every employee is encouraged to make safety a part of their daily work plan, and strive to develop, share and promote the best safety practices to ensure every employee returns home as they arrived to work. This program is for employees to use diligently to recognize other employees and be recognized themselves for safe behaviors.

These recognition and incentive activities include an instant recognition tool ("Safety Buck") that allows each employee to recognize other employees instantly for any outstanding safety performance or activity. Employees can also recommend to their supervisors and/or safety representative that another employee be recognized with a "Safety Bravo" for taking a positive action toward the development or enhancement of a best safety practice. We also have annual employee safety incentive goal recognition through which employees earn money for participating in various safety programs.

# **SAFETY BRAVO / INCENTIVE AWARD CRITERIA**

## **Safety Buck**

These are intended to be used by District staff to recognize other staff members for a safe action, or for unsafe action which presents an opportunity for them to communicate a safe work practice. These are worth \$1.00 and can be redeemed from the cashier.

## **Safety Bravo**

An employee takes positive action either by suggesting and follow-through of an improvement that affects other District staff or the public; avoidance of a major incident by their actions taken; or by volunteering to participate in the Safety Committee or other significant District safety activity. Each Bravo awarded will be a \$50 gift card obtained from the District Secretary. All Bravo awards must be proposed to the Safety Committee through each department's representative and vetted by the Safety Committee before awarded.

## **Safety/Health Incentive Tasks**

1. Exercising 20 minutes/day at least three days/week throughout the year
2. Attending a department safety meeting each month
3. Attend another Departments Safety Meeting (4 times in a year)
4. Writing an article which is published in the Safety Newsletter
5. Completion of a hazard assessment for jobs or tasks specified by Department Head or Safety Director (must be different than those on file)
6. Developing and conducting a safety training session for employees within their group or for other groups
7. Successful completion of CPR or First Aid classes
8. Donation of blood once per year
9. Immediate reporting of first aid or safety incidents and following through on corrective actions within the agreed upon time.
10. Annual Flu Shot
11. Check Blood Pressure (once a month)
12. Annual Physical
13. Annual Eye Exam
14. Annual Hearing Test
15. Dentist twice a year
16. Submit Safety Article during Department Meeting (4 per year)
17. Clean DMV Record
18. Class A drivers get DMV Physical done before expiration date
19. Drink eight 8 ounce glasses of water a day (Institute of Medicine determined that an adequate intake (AI) for men is roughly 13 cups of total beverages a day. The AI for women is about 9 cups of total beverages a day.)
20. Tobacco users (smoke, chew, snuff, etc) – Quit!
21. Be your Departments Safety Representative to the Safety Committee for the year
22. Weekly safety inspections of your district vehicle and personal vehicles
23. Prepare and participate in a run, walk, bike ride or other endurance event
24. ???

All employees are required to develop a personal safety goal for the fiscal year and review during their individual department safety meetings. Include at least 10 Safety/Health Incentive Tasks from the list above in your goal and complete at least 90% of the goal to be eligible for the year-end \$100 award.



# THE OCEANA MARIN ASSOCIATION

c/o Sharp Property Services  
P.O. Box 2803, Novato, CA 94948  
707/765-6111 (Sonoma) 415/898-8366 (Marin)  
[www.oceanamarin.org](http://www.oceanamarin.org)

*~ 6.2 Attendees  
S.R.O.*

## GENERAL MEMBERSHIP MEETING – JULY 19, 2014

### OCEANA MARIN ASSOCIATION GENERAL MEMBERSHIP MEETING

Saturday, July 19, 2014, 1:00 PM  
Tomales Town Hall (upstairs), Tomales, CA

#### AGENDA

Call to Order

Member Introduction (also indicate if you have a specific concern for the Member Forum)

Presentation by and/or Q & A

- Steven Kinsey, our County Supervisor, providing Local and County-wide updates
- Tomales Fire Station – Tom Nunes/Eric Cutler
- Lawson's Landing – Willy Vogler
- Dillon Beach Emergency Response Team (DBERT) – Tammy Akers/Norman Main
- Estero Mutual Water – John Brezina and Marsha Englebrecht
- North Martin Water District (Sewer) – Chris DeGabriele
- Tomales Transit – Doris Pareas
- West Marin Senior Services – Chloe Cook
- OMA Board Members will provide a financial report; design review information; an update on roads and nominations for the Board of Directors.

Member Forum - Any member present may bring up additional items for discussion and/or future Board action.

Adjournment – approximately 3:00 PM

**Social Hour:** Please plan to remain to socialize after the formal meeting, hors d'oeuvres, wine, beer and soft drinks will be provided

Next OMA General Membership Meeting (tentative): January 17, 2015



## MEMORANDUM

To: Chris DeGabriele, General Manager  
From: Robert Clark, Operations / Maintenance Superintendent  
Subject: Oceana Marin Update July 2014  
E:\MAINT SUP\FORMS\Memo Form to GM.doc

July 18, 2014

*Phillips & Assoc.  
Started 7/2008*

After evaluating the contract work for the daily Operation of the sewer system the District has terminated the contract and has once again taken over these daily tasks. The FY ending June 30 the District had a surplus of funding for these daily operations tasks and expects to continue to see a better cost efficient operation with NMWD staff performing the work. Other activities performed this past year include the annual inspection of the collection system pipe lines, via a remote TV, visual smoke test and root removal. CIP and major maintenance included the upgrade of the communication link between OM and Novato, replacement of the discharge flow meter to the irrigation field, replacement of the emergency generator muffler and the propane tank was replaced.

This next year CIP and major maintenance activities planned include pond power relocation, disposal field fencing and valve box upgrade, repair of manhole risers and annual TV inspection.

One of the areas we need help with is the disposal of grease in the kitchen sinks, this past year several additional areas have been found to have significant accumulation of grease in the collection system pipes. This can lead to sewer line blockage and spills. Please advise residents and renters that the drain is not the proper disposal point for fats and grease.



**NORTH MARIN  
WATER DISTRICT**

999 Rush Creek Place  
P.O. Box 146  
Novato, CA 94948

**PHONE**  
415.897.4133

**FAX**  
415.892.8043

**EMAIL**  
info@nmwd.com

**WEB**  
www.nmwd.com

July 21, 2014

Mark Williams, General Manager  
Las Gallinas Valley Sanitary District  
300 Smith Ranch Road  
San Rafael, CA 94903

Re: Students and Teachers Restoring A Watershed

Dear Mark:

I am in receipt of your June 27, 2014 letter challenging North Marin Water District to provide financial support to Students and Teachers Restoring A Watershed (STRAW). For your information, NMWD has supported STRAW projects since 2002. During that time NMWD has provided \$103,000 directly to the Bay Institute/PRBO Conservation Science/Point Blue and North Bay Watershed Association for STRAW projects either on the Stafford Lake Watershed or in the Novato area.

While I appreciate Las Gallinas' invite and challenge, NMWD has done our fair share and will continue to do so in the future in supporting the STRAW program. Please share this information with your Board of Directors.

Sincerely,

Chris DeGabriele  
General Manager

CC:  
Laurette Rogers, PRBO Conservation Science

CD/kly

t:\gm2014 misc\lgvsd straw.doc



**DISTRICT BOARD**

Megan Clark  
Rabi Elias  
Russ Greenfield  
Craig K. Murray  
Judy Schriebman

**DISTRICT ADMINISTRATION**

Mark R. Williams,  
General Manager  
Michael Cortez,  
District Engineer  
Mel Liebmann,  
Plant Manager  
Janice Mandler,  
Collection System/Safety Manager  
Susan McGuire,  
Administrative Services Manager

RECEIVED

JUL 03 2014

North Marin Water District

June 27, 2014

Chris DeGabriele  
General Manager  
North Marin Water District  
999 Rush Creek Place  
Novato, CA 94945

Re: Students and Teachers Restoring a Watershed

Dear Chris,

I am writing to you to challenge North Marin Water District to provide financial support to Students and Teachers Restoring a Watershed (STRAW) which is part of Point Blue Conservation Sciences, formerly PRBO. For the last 20 years, STRAW has engaged Bay Area youth in hands-on habitat restoration projects. Point Blue's STRAW Program brings together students, teachers, scientists, ranchers and other members of the community in Marin, Sonoma, Solano, Alameda and Napa Counties to work on stream and wetland restoration projects. Since its inception, the STRAW Program has engaged 33,000 Bay Area students and 400 teachers in 450 stream and wetland restoration projects, resulting in over 30 miles of restored habitat. This year will see over 50 restoration projects take place in North Bay counties. As agencies that discharge to the bay, we are all invested in the continued health of the surrounding ecosystem. Continuing the work of STRAW helps support that mission.

Las Gallinas Valley Sanitary District (LGVSD) has made contributions each year, both by providing facilities and financial underwriting, to assist STRAW in its mission. LGVSD has also partnered STRAW to create an environmental education program with a focus on pollution prevention and to acquaint Marin teachers, volunteers, students, and the general public with local resources that can assist them in learning and teaching about protecting our watershed. This collaboration has helped fulfill LGVSD's public outreach program NPDES permit requirement. For 2014, the District has pledged to support them with an outright contribution of \$7,000 and a matching contribution of \$2,400. Their success in receiving the matching contribution depends on the action of other water and wastewater agencies in Marin County. The Board of Directors of Las Gallinas is challenging these other agencies to provide a matching contribution of \$2,400 to support STRAW.

You can find out more information and view a clip of the documentary "A Simple Question" at [www.pointblue.org](http://www.pointblue.org). I hope that your agency can find a way to support them.

Re: STRAW Support  
June 27, 2014

Page 2 of 2

Sincerely,

A handwritten signature in black ink, appearing to read "Mark R. Williams", with a long horizontal flourish extending to the right.

Mark R. Williams  
General Manager

Cc: LGVSD Board  
Laurette Rogers, STRAW

# STRAW Payments

7/8/2014

\\nmwdsrv1\administration\ac\excel\stp\straw payments.xlsx

	<u>Date</u>	<u>FY</u>	<u>Amount</u>	<u>Payee</u>
1	6/14/2002	FY02	\$2,500	Bay Institute
2	11/14/2003	FY04	\$5,000	North Bay Watershed Assoc
3	3/8/2006	FY06	\$15,000	Bay Institute
4	2/21/2007	FY07	\$15,000	Bay Institute
5	9/5/2007	FY08	\$17,500	Bay Institute
6	12/10/2008	FY09	\$18,000	Bay Institute
7	1/20/2010	FY10	\$9,000	Bay Institute
8	12/15/2010	FY11	\$3,000	Bay Institute
9	2/15/2012	FY12	\$9,000	Prbo/Conservation Science
10	12/13/2012	FY13	\$9,000	Prbo/Conservation Science
			<u>\$103,000</u>	





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Today more than ever, organizations require driven, focused and inventive individuals who can take charge, feel accountable and become role models while staying true to ethical principles.

While the worst may be over, there are plenty of unique challenges left facing organizations of all types. Anyone wishing to add value to their organization will need to draw deeper from their skill set and continuously look for newer ways to face newer problems.

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- Each of the 10 sessions has a tangible and quantifiable outcome
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—JESS COOK, HR SUPERVISORY MANAGER,  
U.S. MARINE CORPS

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**Session 2:** Making Choices that Matter: Inspiring Vision and Being a Strategic Leader

**Session 3:** Engaging & Inspiring Others: Developing Your Effective Leadership Repertoire

**Session 4:** Planning for Focus, Action, Results: How to Think and Plan Like An Executive!

**Session 5:** Leading Change: Transforming Organizations to Stay Ahead of the Curve

**Session 6:** Creating High Impact Teams: Building Trust for Team Commitment Results

**Session 7:** Surmounting Obstacles: Using Negotiation and Conflict Resolution Strategies

**Session 8:** Driving Individual Performance: Coaching for Accountability

**Session 9:** Leading with Presence; Effective Presentations and Strategic Communication

**Session 10:** Celebrating the Outcomes: Report on Your Project Leadership Change Initiative

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–DONALD ARMY, PROJECT MANAGER, PRN

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–SUSAN DURAN, DIRECTOR, APL LTD

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### CONTACT

Franco Vicino, PhD, MBA  
Director, Leadership Certificate  
Faculty, Business Strategy & Leadership  
[franco.vicino@dominican.edu](mailto:franco.vicino@dominican.edu)  
Office: 415-482-2480  
Mobile 707-318-5310

50 Acacia Avenue  
San Rafael, CA 94901

For complete information, visit [www.dominican.edu/leadershipcertificate](http://www.dominican.edu/leadershipcertificate).



# MST Recycled Water Pipeline Project "Groundbreaking"

Please join Federal, State and local officials as we celebrate the start of construction.

**Tuesday, August 12, 2014**

**3:00 pm**

Napa Valley Country Club

3385 Hagen Road, Napa



A Tradition of Stewardship  
A Commitment to Service

Please RSVP. Email  
[MST@countyofnapa.org](mailto:MST@countyofnapa.org)

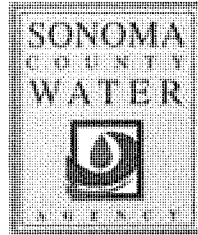
or call (707) 259-8600



**Chris DeGabriele**

---

**From:** Ann DuBay [Ann.DuBay@scwa.ca.gov]  
**Sent:** Friday, July 18, 2014 11:38 AM  
**Subject:** Temporary Changes in Russian River conditions near Wohler Bridge



**Sonoma County Water Agency  
PRESS RELEASE**

**For Immediate Release**  
**July 18, 2013**

**CONTACT:**  
Ann DuBay  
707.524.8378  
707.322.8185 (cell)  
[ann.dubay@scwa.ca.gov](mailto:ann.dubay@scwa.ca.gov)

**Changed Conditions on Russian River  
Near Wohler Bridge**

**Santa Rosa, CA** – The Sonoma County Water Agency (Water Agency) will begin installation of a temporary coffer dam and temporary fish passage on July 21. The coffer dam and fish passage will be located near Wohler Bridge at the Maxwell Grove boat launch.

During the six week installation period, paddlers and other Russian River users upstream of Wohler Bridge should beware of changed conditions:

- River levels upstream of Wohler Bridge to Riverfront Regional Park in Windsor will be lower than normal while the temporary dam is being installed and the Water Agency’s inflatable dam is being slowly lowered. The summertime “pool” will be restored when installation of the temporary dam is completed in late August or early September.
- Paddlers using the Maxwell Grove boat launch during weekdays (Monday through Friday) must be escorted by Water Agency staff through the construction zone. Paddlers heading downriver past Wohler Bridge must make a short portage around the temporary dam at Maxwell Grove boat launch.
- Commercial river outfitters that use Maxwell Grove as a take-out or put-in are working cooperatively with the Water Agency and will use an alternative location, across the river, for weekday customers. The location will not affect the length or conditions of the trips. Outfitters – Russian River Adventures, Rubicon Whitewater Adventures, and Getaway Adventures – will continue to use Maxwell Grove boat launch on the weekends.

“We are partnering with the Water Agency on this project. Our customers shouldn’t notice any changes in their Russian River experience,” said Larry Laba, owner of Russian River Adventures. “July and August will be business as usual with plenty of water in the river, and lots of people enjoying paddling, swimming and searching for birds, fish and wildlife.”



**Fish Passage Improvement Project**

The temporary dam is necessary to meet water supply needs during the construction of the Water Agency’s Mirabel Fish Passage Improvement Project. The project will create safer conditions for endangered fish at the Water Agency’s Russian River Diversion Structure (RDS). The RDS is a critical part of the Russian River water supply system, which provides naturally filtered drinking water to approximately 600,000 people in portions of Sonoma and Marin counties. No water supply service interruptions are anticipated due to the construction.

The Russian River Biological Opinion, issued in 2008 by National Marine Fisheries Service, found that the RDS’s fish screens could harm small fish, including young endangered coho salmon and threatened steelhead and Chinook salmon. In order to comply with the Biological Opinion and continue operating its system, the Water Agency must install a new, improved fish screen. In conjunction with the installation of the fish screen, the Water Agency will install an improved fish ladder and viewing gallery. The new fish ladder will improve passage conditions for adult and juvenile salmon moving up or downstream, and will allow for more native species to use the ladder for migration.

###

*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](http://www.sonomacountywater.org).*

Ann DuBay  
Community and Government Affairs  
Sonoma County Water Agency  
PH: 707-524-8378  
CELL: 707-322-8185





August 1st: Caravanserai

August 15th: Petty Theft

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BUSINESS

San Rafael, CA | Now: 70°

(http://www.marinij.com/weather) | High: 75°

Weather:

(http://www.marinij.com/weather) | Low: 58°

(http://www.marinij.com/weather)

(http://www.marinij.com/weather) | 5-Day Forecast

(http://www.marinij.com/weather)

HOT TOPICS: [Sausalito: Bodies found \(http://www.marinij.com/marinnews/ci\\_26184535/sausalito-police-find-bodies-home-after-report-quake\)](http://www.marinij.com/marinnews/ci_26184535/sausalito-police-find-bodies-home-after-report-quake)

**BREAKING NEWS:** [Marin City shooting sends one to hospital early Monday](http://www.marinij.com/marinnews/ci_26187561)

(http://www.marinij.com/marinnews/ci\_26187561)



## Movers & Shakers: Novato hires new public works director

By Megan Hansen

(mailto:mhansen@marinij.com?subject=Marin Independent Journal: )  
(mailto:mhansen@marinij.com?subject=Marin Independent Journal: )  
mhansen@marinij.com (mailto:mhansen@marinij.com) @HansenMegan on Twitter

POSTED: 07/17/2014 03:53:10 PM PDT

Novato has hired Russell Thompson as its public works director.

Thompson was most recently the public works director for Atascadero and brings 28 years of public and private experience to the city, including owning and operating a civil engineering firm. He designed the Cal Poly Baggett Stadium and the Colony at Apple Valley subdivision, and managed the \$32 million reconstruction of Atascadero City Hall.

Thompson will be making \$151,272 a year and managing a department of 54 employees — which includes engineering, maintenance, and custodial staff — and overseeing a \$14 million capital improvement program and \$6 million operations budget. He succeeds Andrew Poster, who had served as interim public works director since August 2013, when former public works director Jason Nutt left the position.

...

The Fireman's Fund Insurance Co. in Novato has appointed Steven Bailey as its national practice leader in field underwriting for highly protected risks in large property.

In this national role, Bailey brings his experience as an underwriter and engineer to the table to work with brokers and craft insurance solutions tailored to commercial clients' individual risk needs. In 1997, Bailey joined Fireman's Fund, where he has served in various underwriting roles.

...

Marin artist Julian Hoover and environmental journalist Nate Grant have recently been hired by Smart Receivables, a paperless payment solutions company in San Rafael.

Hoover is in charge of graphics, web design, and various aspects of social media for the company. He received a bachelor's degree in music from San Francisco State University and studied graphic design at College of Marin.

Grant's job is to inform business owners of the company's green business options that will reduce waste. He is in charge of marketing and publicity. He is a recent graduate of the University of Georgia.

Click photo to enlarge



/portlet/article/html/render\_galle  
articleId=26168762&siteId=234&st

Russell Thompson (Courtesy of Peggy Flynn)

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Essential Guide to Digital Marketing



Marin Independent Journal

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Happening Around Marin

News

Crowdfunder

...

The Rotary Club of Terra Linda has elected new officers and directors for the 2014-15 year.

Christine Goodin of Prandi Property Management was elected president; Jeanne Friedel is president-elect; Tammi Hull is treasurer; and Hilary Spaulding is the club's secretary.

Members of the Board of Directors include: Anne DeLaney, who will focus on International Service; John Zeiter Jr., who will focus on membership; Tony Engstrom, who will work on vocational services; Jeffrey Moss, the youth services co-chair; Brian McLeran, the community service and youth services co-chair; Sandy Magid, who will focus on public relations; Richard Benson, the ombudsman; Lee Page, the sergeant at arms; Janet Hayward, who will focus on club administration; and Thomas Martz, who will focus on the Rotary Foundation.

...

Carol LeValley, owner of Rustic Bakery, has launched an evening wine bar and dinner hours at her bakery at Marin Country Mart in Larkspur.

The bakery will be open for dinner from 4 to 8 p.m. every Thursday, Friday and Saturday.

*Movers and Shakers is compiled by Megan Hansen and appears weekly. Send information to [mhansen@marinij.com](mailto:mhansen@marinij.com) (<mailto:mhansen@marinij.com>).*

Updated: July 19, 2014

[Novato office building snapped up for \\$3.75 million](http://www.marinij.com/novato/ci_26176036/novato-office-building-snapped-up-3-75-million) ([http://www.marinij.com/novato/ci\\_26176036/novato-office-building-snapped-up-3-75-million](http://www.marinij.com/novato/ci_26176036/novato-office-building-snapped-up-3-75-million))

[Movers & Shakers: Novato hires new public works director](http://www.marinij.com/business/ci_26168762/movers-shakers-novato-hires-new-public-works-director) ([http://www.marinij.com/business/ci\\_26168762/movers-shakers-novato-hires-new-public-works-director](http://www.marinij.com/business/ci_26168762/movers-shakers-novato-hires-new-public-works-director))

[Congressmen Huffman, Thompson demand information about North Bay's shuttered slaughterhouse](http://www.marinij.com/marinnews/ci_26159917/congressmen-huffman-thompson-demand-information-about-north-bays) ([http://www.marinij.com/marinnews/ci\\_26159917/congressmen-huffman-thompson-demand-information-about-north-bays](http://www.marinij.com/marinnews/ci_26159917/congressmen-huffman-thompson-demand-information-about-north-bays))

1 new Tout - Watch now

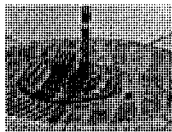


### Offers and Articles from Around the Web

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Novato Criminal Records Online



New Rule In Novato, CA:



Pixie Cuts? Yay or Nay?



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- ▶ Congressmen Huffman, Thompson demand...
- ▶ Dining review: Tacos are the thing at Salsalito
- ▶ San Rafael Pacifics were dresses during game to...

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## MARIN NEWS, SPORTS, WEATHER, TRAFFIC

**HOT TOPICS:** [Sausalito: Bodies ID'd](http://www.marinij.com/marinnews/ci_26199422/police-sausalito-couple-died-gunshot-wound-amid-trove) ([http://www.marinij.com/marinnews/ci\\_26199422/police-sausalito-couple-died-gunshot-wound-amid-trove](http://www.marinij.com/marinnews/ci_26199422/police-sausalito-couple-died-gunshot-wound-amid-trove))

**BREAKING NEWS**  
([HTTP://WWW.MARINIJ.COM/](http://WWW.MARINIJ.COM/))

# Marin water official appointed to California Water Commission

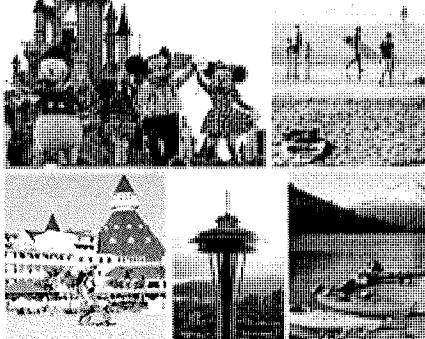
*Marin Independent Journal*  
POSTED: 07/22/2014 12:09:09 PM PDT

Armando Quintero, 58, of San Rafael has been appointed to the California Water Commission by Governor Jerry Brown.

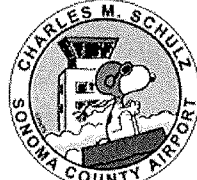
Quintero, who is president of the Marin Municipal Water District's board of directors, has worked as director of development at the University of California at Merced Sierra Nevada Research Institute since 2008.

The water commission position requires state Senate confirmation. The compensation is \$100 per diem.




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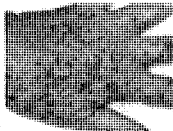
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BREAKING NEWS  
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## Water restrictions backed by 75 percent of Californians, poll says; Marin residents agree

### Mandatory restrictions get support in Marin

By Jessica Calefati and Janis Mara

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POSTED: 07/25/2014 04:21:50 PM PDT

Few local water agencies have forced customers to cut their water use amid the ongoing drought, including both of Marin's water districts, but a new poll shows a large majority of Californians support mandates to turn off the tap.

Three-quarters of people surveyed across the state want to see their local water providers require reductions, the Public Policy Institute of California found.

Support for restrictions stretches across the state and tops 80 percent in Los Angeles, where water use has barely budged since Gov. Jerry Brown declared a drought emergency earlier this year, according to a survey the group released Wednesday.

A number of Marin residents has voluntarily cut back in response to water district calls for voluntary reductions. Nonetheless, many said they would support mandatory cutbacks.

"Most people are happy to comply" with restrictions, said Victoria Ross of San Rafael. "I'm in favor of restrictions on water use as long as they make it clear what is and is not allowed, and if they don't comply, they would be fined.

"I was relieved when they explained that it's OK to water as long as it's not in the middle of the day," Ross said, noting that in January, the Marin Municipal Water District board adopted a resolution calling for a 25 percent voluntary reduction in water use.

"I wouldn't oppose it (mandatory cutbacks)," said Gabe Overbay of San Rafael. "I assume they have good cause to do it." Overbay said his family already has cut water use. "We water plants with water we're not using any more."

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"Yes, there should be restrictions," said Brian Stompe, who with his wife Susan Stompe, a Marin Conservation League board member, has gone to extraordinary lengths to save water. The couples' laundry water and bath water are used to irrigate their garden, and "there is not a stitch of green grass in our yard, front or back," Brian Stompe said. "All of it goes on the vegetables, trees and shrubs."

As Stompe and Overbay's comments suggest, Marin residents' conservation habits stand in sharp contrast to those of its water-guzzling neighbors to the south.

The 186,000 customers of the Marin Municipal Water District on average voluntarily cut water use about 6 percent from February through June of this year compared with the same time period over the last three years, the district said. Marin Municipal serves customers from San Rafael to Sausalito.

The 60,000 customers of the North Marin Water District, Marin's other water district, voluntarily reduced their water consumption from January through May of this year by an average of 16 percent compared with the same time frame last year, said General Manager Chris DeGabriele.

Marin residents cut their water use despite the fact that the county's skies saw rain in February and the reservoirs "are not doing that badly," said Dan Carney, water conservation manager for the Marin Municipal Water District. "Early this week, we were at 91 percent of normal storage capacity for the year."

More than half of respondents to the statewide survey said they believed water supply is a big problem in their part of the state, but Californians seem undecided about why that is. A majority of people polled said they believe global warming risks a drier California in the future, but most believe natural weather patterns have caused the now three-year drought.

The institute conducted the survey between July 8 and July 15 among 1,705 adults. Its margin of error is plus or minus 3.7 percentage points.

Support for local, mandatory water-use restrictions has picked up in recent months, said Felicia Marcus, chairwoman of the state Water Resources Control Board. "People have busy lives," Marcus said. "They're not out there checking reservoir levels and thinking about how long this drought might last. It's our job to tell them."

The state recently kicked off a drought-busting "Brown is the New Green" advertising campaign, and last week, a state water agency approved unprecedented penalties for people who waste water by soaking the lawn or washing a car using a hose without a shut-off nozzle.

The timing of a local water agency's decision to constrain customer water use is crucial if the provider hopes to build public support for an imposed hardship, said Jay Lund, a resources expert at University of California at Davis. Moving too quickly could cause an unwanted backlash.

"If you're a water utility, you don't want to be accused of crying wolf," Lund said. "If they impose restrictions this year, and next year we get wet weather, people will say, 'Why did you do it?' This is the dilemma urban utilities face."

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Community Report

# What's happening with Coast Guard Property

By Shelly Ingram

That was the question on everyone's mind at the Community Land Trust Association of West Marin (CLAM) annual meeting on Sunday night.

The Dance Palace was packed with people eager to share some excellent clam chowder and hear the association's updates. CLAM staff provided accounts of the completion and pending sale of the community-supported house at 73 Inverness Way and the introduction of new and returning board members.

But it was the final topic on the agenda that has been the subject of so much rumor and discussion in town over the past few months and that most of the people assembled in the hall had come to hear. And there are still more questions than answers, when it comes to what the future of the Coast Guard site might hold.

A small ad hoc group of citizens and CLAM staff have been exploring the possibility of acquiring the 32-acre site with the view to using the 35 residential units and other community amenities to answer the dire need for more local, affordable housing. And although there are still a lot of unknowns there is a very definite possibility of making it all happen.

"We feel there is a possibility to utilize this site, which has been a part of the community for 40 years," CLAM Executive Director Kim Thompson said.

### Zoning favors CLAM

Whether or not the site could realistically be secured for some type of community-based affordable housing is just one of the many questions that remains unanswered. Previously the property was slated to be de-

commissioned but now it is most likely to be placed on the General Services Administration (GSA) auction block in the Spring of 2015. While an auction does usually favor the highest bidder, the community may have an edge thanks to the current zoning and an expected zoning change.

Currently the property is zoned as a Coastal Open Area (C-OA). This means it would allow activities that promote the preservation of open space (see box with complete ordinance language.) The Federal Government did not have to adhere to these standards when they were developing the property, but any new buyer would have to comply with the zoning restrictions. While the current zoning is not ideal - the knowledge that golf courses are a current permitted use drew groans from the crowd - it does make the property less attractive to most residential developers.

"It's about the best zoning we could hope for," said Wade Holland, Inverness resident and Marin County Planning Commissioner.

And there was an added bonus, Holland said. Revised zoning regulations are in the works and slated for adoption soon. The new regulations would allow one more use on the site - affordable housing.

"That would mean affordable housing being on the property without rezoning," Holland said.

### Cautiously optimistic

Marin County Supervisor, Steve Kinsey advised both optimism and caution as he spoke to the group. Kinsey stressed that while the previous century had been one of conservation in Marin County, this century must be one of sustainability.

"[An affordable housing project] is a unique possibility," Kinsey said, "But by no means a certainty."

Kinsey reconfirmed the notion that funding for the project was vital and that even in the early stages financial resources will be needed just to complete the necessary due diligence and research.

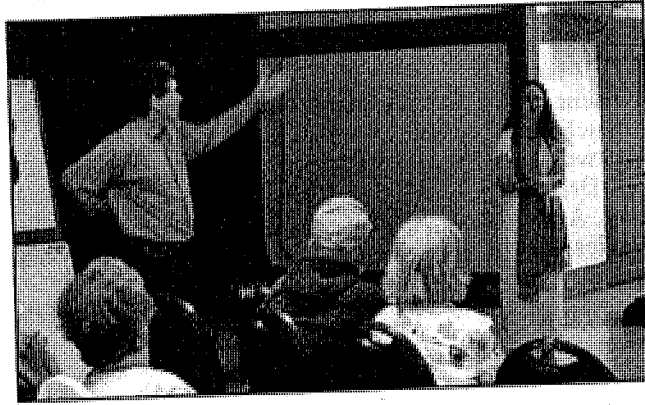
*Property continued on page 3*

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# What's happening with Coast Guard Property

Property continued from page 1



At CLAM's (Community Land Trust Association of West Marin) Annual Meeting, Ken Otter, Point Reyes Village Association, and Kim Thompson, CLAM Executive Director, facilitate the community discussion about the housing potential of the Coast Guard property in Point Reyes Station. Over 100 people attended. Photo by Susan Brayton

"The County of Marin is going to be committed to funding that as well," Kinsey said to applause from the crowd as he ended his remarks.

The discussion was then thrown open to a question and answer period facilitated by Ken Otter, president of the Point Reyes Village Association. The questions came fast and furious.

"Has anyone done the math? Do we know what it is likely to cost?" one participant asked. The possible value of the property has not been established because of a lack of access to the property, Thompson said. But this question prompted another audience member and former coastguardsman to answer one of the biggest questions un-answered to date.

What exactly is there and what kind of condition is it in?

## No wastewater disposal

The answer – the property is 32 acres, has 35 units and a barracks; all two-story structures and a large communal kitchen that was built to serve the original 109 crew members. It was built to 1970's code and has been well maintained. He also re-confirmed that there is no wastewater disposal onsite. He added that when the property was developed the government was prepared to create and pay for a wastewater facility but that local resi-

dents who desired to minimize unwanted growth at that time voted down the option.

Another question was raised about whether or not the property was in a floodplain or offered other building restrictions due to a creek that runs through the site. Were there any types of toxins such as asbestos onsite? These are all questions that cannot be accurately answered without access and until a precise appraisal can be completed, something that will not be likely to take place until just a few months before the sale, Thompson said.

Suggestions of possible ways to move forward ranged from directly contacting Coast Guard officials and offering to name the new community after a Coast Guard hero, to contacting other local, state and national political representatives. These include former US Representative Lynn Woolsey and US Senator, Dianne Feinstein, both of whom were in office when a similar situation occurred with Hamilton Air Force Base in Novato.

Thompson continued to stress the need for everyone in the community to become involved, and as always in West Marin she had no shortage of those willing to step up and serve. Until an official work group can be formed, CLAM will serve as the coordination point for the effort. Those interested in contributing should contact the CLAM office at 663-1005 | [info@clam-ptreyes.org](mailto:info@clam-ptreyes.org).

**Zoning relevant to Coast Guard property in Point Reyes Station, from  
the Coastal Zone chapter of the Marin County Development Code**

22.57.130I C-OA--Coastal open area districts.

22.57.131I Purpose. It is the purpose of the C-OA district to provide for open space, outdoor recreation, and other undeveloped lands, including but not limited to areas particularly suited for park and recreational purposes, including access to beaches, natural drainage channels, and areas which serve as links between major recreation and open space reservations.

22.57.132I Principal Permitted Uses.

The following uses are permitted in all C-OA districts:

1. Public parks, playgrounds and recreational areas;
2. Truck farming, gardening and animal grazing;
3. Forest preserves, wildlife reserves, equestrian and hiking areas; and
4. On fifty acres or more, the conducting of a dairy operation.

22.57.133I Conditional Uses.

The following uses are permitted in all C-OA districts, subject to the securing of a use permit in each case:

1. Golf courses and country clubs\*;

2. The following uses, upon securing of a use permit in each case, which use permit application shall include a site plan showing all proposed buildings, uses and improvements and which use permit if granted shall prescribe conditions as are necessary to assure the prevention of hazards to life and property, to preserve and promote agriculture enterprise, to preserve scenic beauty, to preserve historic interest, to maintain such land in a permanent open state will be satisfied\*;

Public or private schools, public or civic buildings private recreational uses, necessary residential accommodations for teachers or custodial staff, residences clearly accessory to the primary use of property for agricultural purposes, stables and riding academies, commercial or noncommercial marinas and appurtenant waterfront uses, public utility or public service uses, and such uses as are within the purposes and powers authorized the local agency by the enabling legislation establishing the agency; provided, however, that no use permit shall be required for gas, water, electrical and communications transmission and distribution facilities located below ground level.

\*These uses shall be subject to specific development standards to be adopted prior to issuance of use permit.