



NORTH MARIN WATER DISTRICT
AGENDA - REGULAR MEETING
 April 1, 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.	CALL TO ORDER	
	1. APPROVE MINUTES FROM REGULAR MEETING , March 18, 2014	
	2. GENERAL MANAGER'S REPORT	
	3. OPEN TIME: (Please observe a three-minute time limit)	
	This section of the agenda is provided so that the public may express comments on any issues not listed on the agenda that are of interest to the public and within the jurisdiction of the North Marin Water District. When comments are made about matters not on the agenda, Board members can ask questions for clarification, respond to statements or questions from members of the public, refer a matter to staff, or direct staff to place a matter of business on a future agenda. The public may also express comments on agenda items at the time of Board consideration.	
	4. STAFF/DIRECTORS REPORTS	
	5. PUBLIC HEARING/ADOPT	
	a. Hold a Public Hearing to consider Water Shortage Emergency in the Novato Service Area	
	b. Enact Novato Water Shortage Contingency Plan	
	c. Adopt Emergency Water Conservation Ordinance	
	6. PUBLIC HEARING/ADOPT	
	a. Hold a Public Hearing to consider Water Shortage Emergency in the West Marin Service Area	
	b. Enact Novato Water Shortage Contingency Plan	
	c. Adopt Emergency Water Conservation Ordinance	
	CONSENT CALENDAR	
	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.	
	7. Consent – Approve Destruction of Records	Resolution
	8. Consent – Approve West Marin Spring <i>WaterLine</i>	

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)

ACTION CALENDAR

9. ***Approve:*** Rate Increase Letter to Novato Customers

INFORMATION ITEMS

10. Oceana Marin Contract Services with Phillips and Associates.
11. WAC/TAC – April 7, 2014

12. ***MISCELLANEOUS***

Disbursements
New Phone Numbers
Lock Box Service Operational 3/20/14
Press Release – Vandalism at Air Base Tank
Retirement Celebration honoring Ed Hulme

News Articles:

Tomales services district to bid jobs
Mike McGuire, his election assured, remains little known in Marin
Parks superintendent faces ALS in retirement
Experts call for long view on drought
Dick Spotswood – III
Corporate donors boost \$1 million bike part at Novato's Stafford Lake

8:30 p.m.

13. ***ADJOURNMENT***

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DRAFT
NORTH MARIN WATER DISTRICT
MINUTES OF REGULAR MEETING
OF THE BOARD OF DIRECTORS
March 18, 2014

6 **CALL TO ORDER**

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

12 Connie Fremeir and Ken Sinclair from Vali Cooper & Associates, Craig Pyle from Harris &
13 Associates, and District employee Robert Clark (Operations/Maintenance Superintendent) were in
14 the audience.

15 **MINUTES**

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

18 **GENERAL MANAGER'S REPORT**

19 **North Bay Business Journal Meeting**

20 Mr. DeGabriele stated that Drew McIntyre represented NMWD at the North Bay Business
21 Journal Meeting last week with Krishna Kumar and Dietrich Stroeh discussing the Marin County
22 water supply status.

23 **AM Business Women Talk Meeting**

24 Mr. DeGabriele informed the Board that he will be speaking to the AM Business Women's
25 meeting this week to discuss the current water supply conditions.

26 **Beverly James Retirement Party**

27 Mr. DeGabriele informed the Board that Beverly James, the Novato Sanitary District
28 Manager-Engineer, retirement party will be on Monday, March 31st from 5-8 p.m. at Trek Winery. He
29 advised the Board to inform the District's Secretary should Board members want to attend.

1 Out of the Office

2 Mr. DeGabriele advised the Board that he will be out of town and out of the state from April
3 3rd through the 10th. He noted that he will miss the WAC/TAC meeting on April 7th but Director
4 Rodoni would attend.

5 East Bay MUD

6 Mr. DeGabriele informed the Board that East Bay MUD has reached out to Marin Municipal
7 Water District and the District regarding need for additional water supply in the future and potential
8 cooperation. He noted that East Bay MUD wanted to include the District because of its
9 Interconnection Agreement with MMWD. He informed the Board that he will keep them apprised and
10 has requested Krishna Kumar from MMWD keep him informed of any conversations or meetings
11 that occur with East Bay MUD.

12 **OPEN TIME**

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

15 **STAFF / DIRECTORS' REPORTS**

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

18 Mr. McIntyre advised the Board that he filled in for Mr. DeGabriele at the North Bay Business
19 Journal conference and informed the Board that it was a 30 minute presentation about water supply.
20 He stated that at the end of the presentation there were three questions: one, about Marin
21 Municipal's desal plant; two, what rate impacts will be with conservation and three, what plans are
22 there to increase Marin County available storage.

23 Robert Clark, Operations/Maintenance Superintendent informed the Board that vandalism
24 occurred at the Air Base Tank in Hamilton Monday night. He stated that the alarm went off and staff
25 found gate locks removed along with hatches open on the tank. He noted that there didn't appear to
26 be issues of big concern but staff called Novato police to make a report. Mr. Clark advised the Board
27 that water quality staff took water samples for bacteria and Pablo Ramudo, Water Quality
28 Supervisor, called Department of Public Health to explain the situation that occurred. Mr. Clark
29 informed the Board that the decision was made to drain the tank completely.

30 Director Petterle asked if the tank was the old Marin Municipal tank. Mr. Clark responded
31 yes.

1 Director Baker asked if the lock was a basic padlock. Mr. Clark responded yes and stated
2 that staff is looking into putting a clam shell on the gate and tank lock hasps and have moved video
3 cameras up to the tank site.

4 District Secretary, Katie Young, reminded the Board and officers to complete the Ethics
5 Training and submit the training certificate by April 1st. She also informed the Board that she will be
6 out of town for the next Board meeting and retiree Renee Roberts will be acting in her stead at the
7 Board meeting on April 1st.

8 **MONTHLY PROGRESS REPORT**

9 Mr. DeGabriele provided the Board with the February Monthly Progress Report. He stated
10 that water production is down for the month of February, most likely due to the outreach from the
11 *WaterLine* notification, irrigation being turned off and the newspaper ads urging conservation. He
12 informed the Board that in West Marin water production was the same as last year and that
13 Recycled Water production continued. Mr. DeGabriele advised the Board that Stafford Lake
14 received 7" of rainfall in February and is about 58% full.

15 Mr. DeGabriele provided water supply charts for Lake Sonoma and Lake Mendocino to the
16 Board and staff. He noted that Lake Sonoma has an ample water supply with close to 180,000AF
17 and is 73% full. He advised the Board that Lake Mendocino is in critical condition and it is likely that
18 Sonoma County Water Agency will request another Temporary Urgency Change Order in June to
19 maintain lower releases into the Russian River.

20 Mr. DeGabriele advised the Board that staff continues to hold a good safety performance
21 working 263 days without lost time. He stated that the water conservation program participation has
22 picked up considerably with more High Efficiency Toilet rebates, Water Smart Home Surveys, and
23 Cash for Grass rebates. He informed the Board that the first ultra high efficiency toilet distribution
24 event occurred on March 6th and 70 toilets were given away. He noted that next Thursday another
25 130 toilets are scheduled to be distributed. Mr. DeGabriele stated that the last toilet giveaway will be
26 on a Saturday in April. Mr. DeGabriele informed the Board that the District is participating in an event
27 with the Sonoma Marin Saving Water Partnership on April 23rd called Drought Drive Up. He advised
28 the Board that it will be held at Vintage Oaks and customers can drive up and receive free items to
29 reduce water usage such as hose nozzles, shower bucket, shower heads, etc. Mr. DeGabriele also
30 advised the Board that staff will be participating in the Tour of Novato event, a fundraiser for
31 schools, held on May 3rd to do more conservation outreach.

1 Director Baker asked if the toilets were different models from the toilets the District
2 distributed previously and if staff has received any feedback from customers regarding the toilets.
3 Mr. DeGabriele stated that at the last toilet giveaway the District provided Caroma 1.2 gallons per
4 flush dual flush toilets and this year the District is providing a Niagara-Stealth 0.8 gpf toilet and it has
5 been well received.

6 Mr. DeGabriele advised the Board that the Summary of Complaints and Service Orders were
7 up this month due to high bill complaints.

8 President Rodoni asked what rainfall at Kent Lake was measuring. Mr. DeGabriele stated
9 that as of yesterday Kent Lake is at 23.6" and that it is likely West Marin will have a dry year.

10 David Bentley presented the Monthly Report of Investments to the Board. He stated that at
11 the end of the month the District cash balance was \$16.6M. He noted that Recycled Water SRF loan
12 funds totaling \$440K were received during the month of February. Mr. Bentley stated that the
13 weighted average Portfolio rate of investment return was 0.33%.

14 **CONSENT CALENDAR**

15 On the motion of Director Schoonover, seconded by Director Petterle and unanimously
16 carried, the following items were approved on the consent calendar:

17 **WATER AGREEMENT – MT. BURDELL PLACE, 1112 4TH STREET**

18 The Mount Burdell Place project subdivides an existing 0.69-acre parcel into 10 lots for
19 single-family homes. The project is located at 1112 4th street and this agreement will provide water
20 service to ten new residences and an irrigation service. New Zone 1 water facilities include 320 feet
21 of 6-inch PVC main, 120 feet of 1-inch copper, one residential fire hydrant and eleven 1-inch meters.
22 The Board approved Resolution 14-4 entitled, "Authorization of Execution of Water Service Facilities
23 Construction Agreement with Habitat for Humanity Greater San Francisco Inc."

24 **APRIL 2014 VEHICLE/EQUIPMENT AUCTION**

25 Staff has identified vehicles and miscellaneous equipment that are no longer in use and may
26 still have value at auction. Staff plans to sell the surplus equipment through 1st Capitol Auction, a
27 bonded resale agent located in Vallejo. The Board authorized staff to send equipment to auction
28 with 1st Capitol Auction for disposal of the surplus equipment.

29 **BOARD PLANNING WORKSHOP SUMMARY**

30 The Board approved the Board of Directors Planning Workshop Summary dated January
31 14, 2014.

1 **ACTION CALENDAR**

2 **DROUGHT SURCHARGE**

3 Mr. Bentley is requesting that the Board include information on a proposed drought
4 surcharge in the rate hearing notices that are coming up in the Novato and the West Marin Service
5 Areas. He informed the Board that the rate hearing for Novato is scheduled on May 20th and on
6 June 24th in Point Reyes Station. Mr. Bentley advised the Board that the District's legal counsel
7 reviewed the drought surcharge concept. He advised the Board that it does not look like Novato will
8 have mandatory water use restrictions this year, but West Marin customer could have them. Mr.
9 Bentley stated that the proposed drought surcharge would apply only when mandatory water
10 restrictions are in place and that it protects customers with low water use. He stated that the
11 proposed drought surcharge would only apply to Novato residential customers who use more than
12 300 gallons per day and to those in West Marin using more than 150 gallons per day. Mr. Bentley
13 advised the Board that the drought surcharge should be a component of the Water Shortage
14 Contingency Plan and rate should be codified in Regulation 54, where it can be reviewed annually
15 along with other rates and charges. Mr. Bentley stated that if mandatory restrictions are in place the
16 District's revenue will go down because of reduced water sales and additional costs for purchased
17 water. Mr. Bentley stated that in Novato the proposed residential surcharge rate is \$1.00 per 1,000
18 gallons for use over 300 gallons per day. He stated with this proposed surcharge, the District would
19 recover the \$1.1M calculated drought induced cost. Mr. Bentley advised the Board that in West
20 Marin the proposed residential surcharge rate is \$2.50 per 1,000 gallons for use over 150 gallons
21 per day.

22 Director Baker asked if people who are already trying to conserve but have a bigger
23 household or larger gardens, can appeal that they have a hardship. Mr. Bentley stated that the
24 threshold is not designed to vary based on household size.

25 President Rodoni stated that in the Water Shortage Contingency Plan enables that a
26 customer can appeal to the General Manager for hardship.

27 President Rodoni asked how the threshold is calculated. Mr. DeGabriele stated that the per
28 capita consumption per day times the average number in the household was used for Novato and
29 50% of that used for West Marin since annual West Marin consumption for a typical cost is about
30 on-half of that in Novato.

1 Director Fraites stated that everyone needs to cut back and let their lawns die. He stated
2 that the District may face the same issues next year, and advocated that the surcharge be enacted
3 now.

4 Mr. Bentley stated that the proposal tonight is to authorize staff to include consideration of
5 the drought surcharge in the rate hearing notice but this doesn't obligate the Board to adopt it. He
6 stated that once adopted the surcharge would only become effective if mandatory water use
7 restrictions were enacted. He informed the Board that Novato would most likely not have mandatory
8 water use restrictions, but depending on rainfall at Kent Lake, there may be a 25% mandatory cut
9 back required in West Marin on July 1st.

10 President Rodoni expressed concern about the per capita consumption in West Marin. He
11 stated that there is a mixture of part-time and full-time residents in West Marin and he believes that
12 the threshold should be raised to 200 gallons per day.

13 Mr. DeGabriele stated that he doesn't see an issue with keeping the surcharge at \$2.50 and
14 using 200 gallons per day as the threshold in West Marin. He stated that he does not know how
15 much water NMWD will need to purchase from Marin Municipal, but there likely will be some need to
16 purchase water in order to mitigate salinity intrusion.

17 President Rodoni stated that the District needs to do customer outreach to get the word out
18 about the surcharge. Mr. DeGabriele stated that customers will receive two notifications, one in the
19 *West Marin WaterLine* in April and another in the *West Marin Water Rate Increase* letter that will be
20 issued in May. President Rodoni suggested putting an ad in the local paper about avoiding
21 surcharge rates.

22 Director Schoonover stated that he believes customers won't feel the effect of the drought
23 surcharge until it's on their bill and then they will start conserving.

24 On motion of Director Petterle, seconded by Director Schoonover and unanimously carried,
25 the Board authorized staff to incorporate a Drought Surcharge into the rate increase notice to be
26 mailed to customers, and to consider adoption of said Surcharge at the upcoming rate hearings in
27 Novato and West Marin.

28 **AEEP REACHES A-D/CALTRANS' MARIN SONOMA NARROWS B3 – CONSTRUCTION**
29 **MANAGEMENT SERVICES**

30 Mr. McIntyre informed the Board that staff requested Construction Management proposals
31 for the Aqueduct Energy Efficiency Reaches A-D/CalTrans' Marin Sonoma Narrows B3 Project. He
32 noted that 26 requests for proposals were mailed out to Bay Area firms and four firms submitted

1 proposals for the project: Vali Cooper & Associates, Harris and Associates, The Covello Group, and
2 Alta Engineering. Mr. McIntyre informed the Board that there was a three person interview team and
3 the consultants were ranked on a point system with Vali Cooper & Associates receiving the highest
4 rank. He stated that Connie Fremeir and Construction Manager Ken Sinclair from Vali Cooper were
5 in the audience and he believes they will do a fine job. Mr. McIntyre informed the Board that Mr.
6 Sinclair has 25 years of experience, especially with large diameter pressure pipelines. He noted that
7 Connie Fremeir, has been working with CalTrans on the Marin Sonoma Narrows Project and has
8 been part of the District's interface with Transportation Authority in Marin and believes that Vali
9 Cooper & Associates has a good background and history of the project.

10 Mr. McIntyre stated that the final scope of work and fee schedule was included in the agenda
11 packet and that the scope of work includes sub consultants who are familiar with the project and will
12 be working on the environmental compliance inspections. Mr. McIntyre stated that Miller Pacific
13 Engineering will do the quality assurance materials testing and welding inspection. He informed the
14 Board that the Construction Management services fee is 10.6% of the total construction cost of
15 \$12.3M. He noted that 68% of the contract cost will be reimbursement by CalTrans.

16 Mr. McIntyre asked that the Board authorize the Construction Management services with a
17 not to exceed limit of \$1.298M plus a contingency of \$100,000.

18 Director Fraitas asked if pre-construction site photos are typically done. Mr. McIntyre stated
19 that the Construction Manager makes sure to keep a record of existing conditions and
20 documentation.

21 Director Fraitas asked if CalTrans was responsible for environmental mitigation and if the
22 District is doing what CalTrans recommends. Mr. McIntyre stated that there are three permits
23 needed and one of the permits is in the District's name. He stated that the District is responsible for
24 making sure all mitigation measures are implemented.

25 Vali Cooper & Associates Project Manager, Connie Fremeir, thanked Mr. McIntyre and Mr.
26 DeGabriele for the opportunity to provide Construction Management services for the project.

27 President Rodoni expressed his respect for construction management but asked staff to look
28 at the amount of money the District is spending and see if the District is able to perform Construction
29 management in house on future projects.

30 On motion of Director Schoonover, seconded by Director Petterle and unanimously carried,
31 the Board authorized the General Manager to execute an agreement between Vali Cooper &

1 Associates and the District for Construction Management services on a time and expense basis with
2 a not-to-exceed limit of \$1,298,095 plus a contingency of \$100,000.

3 **NMWD AEEP/MSN B3 TREE REMOVAL PROJECT – INCREASE IN CONTRACT**
4 **CONTINGENCY TO THE PROFESSIONAL TREE CARE COMPANY**

5 Mr. McIntyre reminded the Board that at the last meeting he informed the Board that
6 additional tree cutting work was needed for the AEEP/MSN B3 tree removal project. He stated that
7 CalTrans is requesting 19 more trees be removed. He informed the Board that the contract with The
8 Professional Tree Care Company was approved in January with a 10% contingency and staff is
9 requesting that the contingency increase to 35%. Mr. McIntyre advised the Board that he did
10 receive confirmation from CalTrans that they will pay 100% of the additional change order cost.

11 On motion of Director Fraitess, seconded by Director Baker and unanimously carried the
12 Board approved an increase in the contingency to the Professional Tree Care Company's contract
13 from 10% to 35%.

14 **INFORMATION ITEMS**

15 **MSN B1 (AEEP REACH E) – FINAL REPORT (HARRIS AND ASSOCIATES)**

16 Craig Pyle from Harris and Associates provided the Board with the final progress report for
17 the MSN B1 (AEEP Reach E) project. He showed the Board a variety of pictures explaining valve
18 stops and the process to tie in the new pipe. Mr. Pyle stated that Ghilloti Construction is about 99%
19 finished, the only thing left is to take out the existing 200ft of pipe on the north side of the overpass.

20 Director Baker asked if the pipe that the District is saving was reusable. Mr. Pyle said the
21 pipe was put in a little over 8 years ago and would still be able to be used.

22 Director Petterle asked when the freeway project is supposed to be completed. Mr. Pyle
23 responded that CalTrans expects this segment to be completed by summer of 2015.

24 President Rodoni asked if the valve stop added sediment to the water. Mr. Pyle stated that
25 there is so little by the time it reached the tap it would not be noticeable. Mr. Clark stated that staff
26 flushed sections of the pipe and the water came out clean.

27 Mr. McIntyre presented Mr. Pyle with a collage of pictures from the MSN B1 Project and
28 thanked him for all his hard work and dedication. He wished him well in his retirement and
29 congratulated him.

1 **NBWA MEETING – MARCH 7, 2014**

2 Director Fraites informed the Board that at the North Bay Watershed Association Meeting on
3 March 7th the major discussion was the NBWA 2014-15 Budget. He stated that a guest speaker
4 gave a presentation on a project in Mill Valley to help reduce pollution at Boyle Park.

5 **NBWRA – MARCH 12, 2014**

6 Director Baker informed the Board that he and representatives from Novato Sanitary District
7 attended a North Bay Water Reuse Authority meeting on March 12th in Sacramento. He stated that
8 they met with Senator Evans, Assembly member Levine, Senator Wolk, and Assemblywoman
9 Yamada all who had a fair idea of the NBWRA projects that are being embarked on. He stated that
10 there was good questions asked and that there were legislative proposals occurring and that more
11 funding needs to occur.

12 **MISCELLANEOUS**

13 The Board received the following miscellaneous information: Disbursements, and
14 Reimbursement Program 2013.

15 The Board received the following news articles: Petaluma joins call for water conservation,
16 Man's effect on Russian River's mouth studied, Drought: Time to change Lake Mendocino rules?,
17 Nicasio weighs supplemental tank, and Sanitary District appoints new manager.

18 The Board also received the following news articles at the meeting: Legislation introduced to
19 include Coyote Valley Dam restoration and NBWA Meeting – March 7, 2014 minutes.

20 **ADJOURNMENT**

21 President Rodoni adjourned the meeting at 8:56 p.m.

22 Submitted by

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26 Katie Young
27 District Secretary

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MEMORANDUM

To: Board of Directors

March 27, 2014

From: Chris DeGabriele, General Manager Subj: Public Hearing/Adopt Emergency Water Conservation Ordinance – Novato Service Area
t:\gm\water shortage 2014\public hearing memo 040114.docx**RECOMMENDED ACTION:**

- a. Hold a public hearing to consider a water shortage emergency in the Novato Service Area
- b. Enact Novato Water Shortage Contingency Plan
- c. Adopt Emergency Water Conservation Ordinance

FINANCIAL IMPACT: None at this time (Reduced water sales revenue resulting from voluntary stage of the Water Shortage Emergency is expected to be backstopped with existing reserves.)

Background

At each meeting this calendar year, the Board has been updated on current water supply status and activities in preparing for dry year conditions. At the January 7th meeting, the Board reviewed rainfall and water storage levels both in Novato, West Marin and in the Russian River and reviewed the District's draft Water Shortage Contingency Plan for Novato and West Marin.

At the January 21st meeting, the Board was updated on rainfall and water storage statistics and was informed that West Marin water bills would include a message advising of dry year conditions on Lagunitas Creek. The Board was also informed that a winter *WaterLine* newsletter was mailed to Novato customers, urging unnecessary outdoor irrigation be turned off, leaks be fixed and that customers participate in NMWD water conservation programs.

At the February 4th meeting, the Board was again updated on current rainfall and water storage conditions, provided information on the water suppliers presentation to the Marin County Board of Supervisors, learned of the State Water Board's notice of potential curtailment of water right diversions, received a status table on conservation measures contemplated by the water contractors who receive Russian River water, and learned that Marin Municipal would pay to back feed water into Stafford Lake.

At the February 18th meeting, the Board was again apprised on rainfall and water storage status, Stafford Lake back feed operations, and learned that the Water Advisory Committee had adopted a resolution supporting the Sonoma Marin Saving Water Partnership

efforts and the Governor's Emergency Drought Declaration that includes seeking 20% voluntary water conservation.

On February 25th, County of Sonoma proclaimed a local emergency due to drought conditions and Sonoma County Water Agency adopted a resolution supporting the County of Sonoma's drought declaration, Governor Brown's Emergency Drought Declaration and the Sonoma Marin Saving Water Partnership resolution.

On March 4th the Board scheduled a public hearing for tonight to declare a Water Shortage Emergency in Novato and consider enactment of the Water Shortage Contingency Plan, and endorsed the Water Advisory Committee Resolution supporting the Sonoma Marin Saving Water Partnership efforts and Governor Jerry Brown's Emergency Drought Declaration that includes seeking 20% voluntary conservation.

Currently Novato rainfall is at 9.76," lower than either 1976 or 1977 water year rainfall in Novato (Attachment 1). Lagunitas Creek flows are being maintained at the regulated threshold of 20cfs under dry year conditions, Stafford Lake is at 59% of capacity at 2,528AF, Lake Sonoma at 73% of capacity with 178,079AF (Attachment 2), Lake Mendocino at 47% capacity with 38,416AF (Attachment 3) and Lake Pillsbury at 76% capacity at 56,744AF. Thus the water storage available for Novato, while adequate, is low.

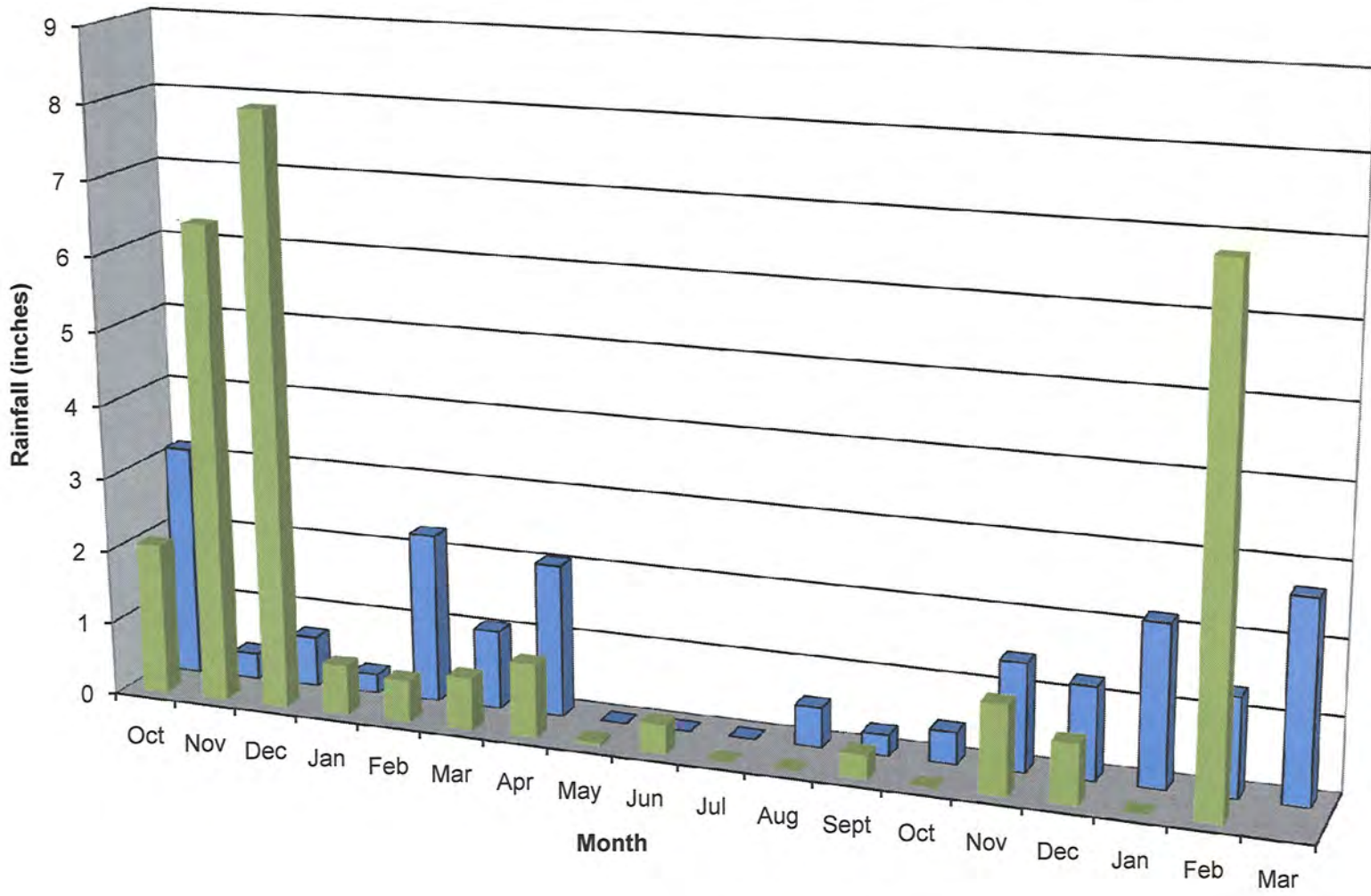
The public hearing was noticed both in the Marin Independent Journal (Attachment 4) and Novato Advance (Attachment 5). For your information, the Novato Area Water Shortage Contingency Plan (Attachment 6) and Ordinance (Attachment 7) propose Stage 1 at 20% voluntary conservation, consistent with the WAC resolution and the Governors' drought declaration. These documents have been available on our website.

Water Code Section 31026, Emergency Water Restrictions provide broad powers to restrict water use during any emergency caused by drought or other threatened or existing water shortage. The full text of Water Code Section 31026 is included as Attachment 8.

Recommendation:

- a. Board hold a public hearing to consider declaration of water shortage emergency in the Novato Service Area
- b. Enact the Novato Water Shortage Contingency Plan
- c. Adopt the Emergency Water Conservation Ordinance.

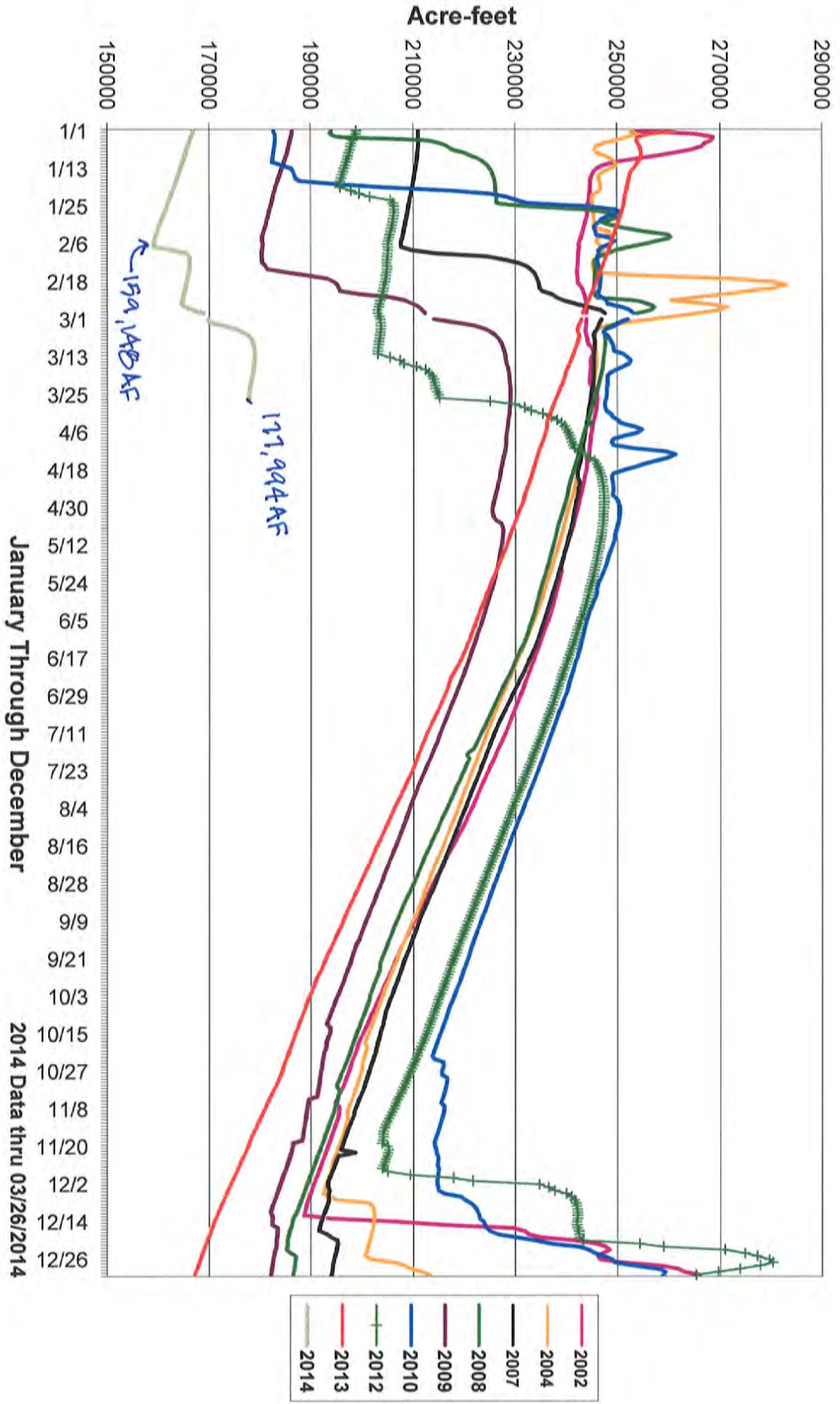
Comparison of Novato Drought Water Year Rainfall



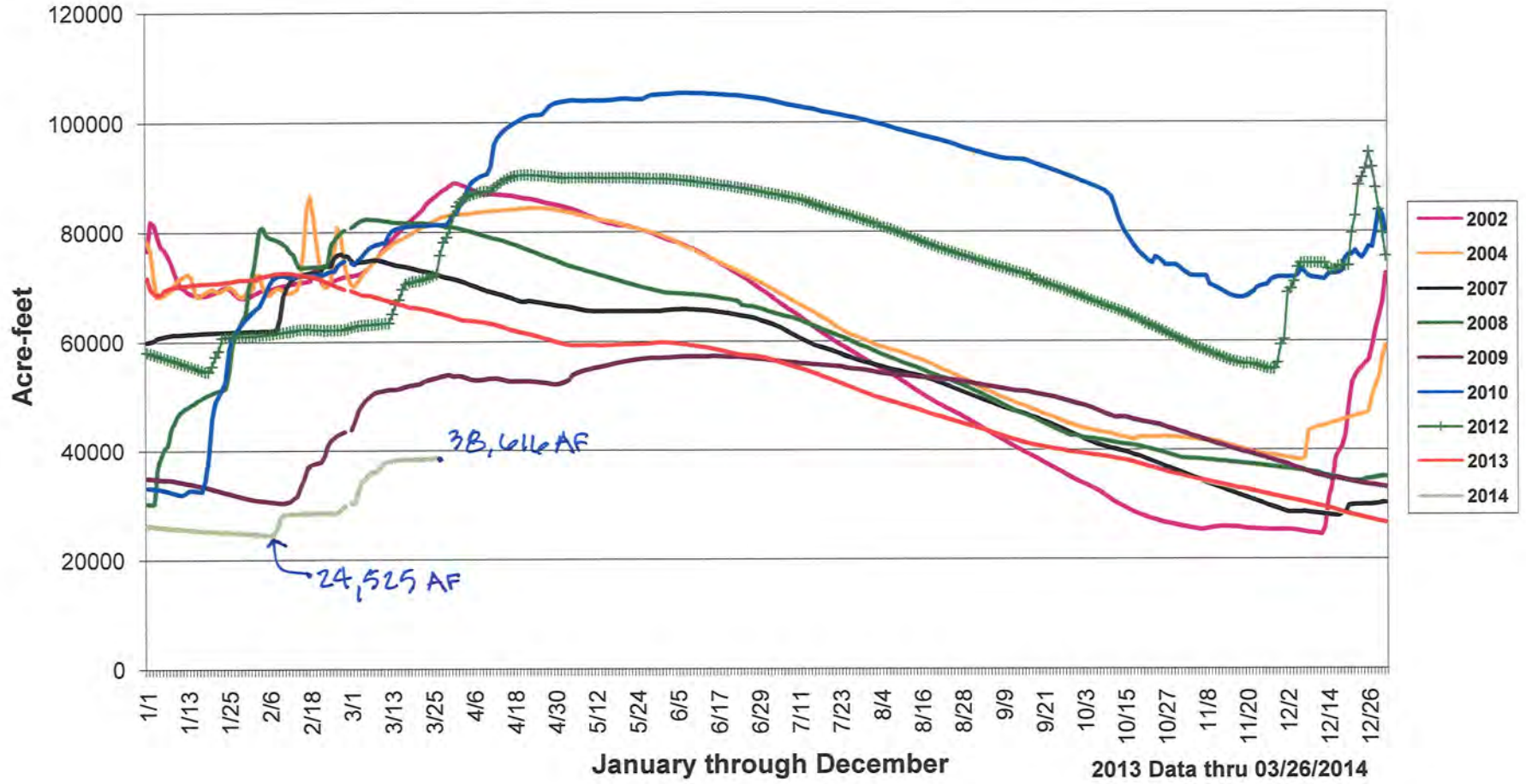
■ 2013 & 2014 ■ 1976 & 1977

29.27" 20.0"

Lake Sonoma Storage 2002, 2004, 2007 to 2010 and 2012, 2013, 2014



Lake Mendocino Storage 2002, 2004, 2007 to 2010 and 2012, 2013, 2014



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<p>FICTITIOUS BUSINESS NAME STATEMENT COUNTY OF MARIN File No.134247 Business or change started on: 2/26/2014 The following person (s) is (are) doing business as: CAN DO KID, INC. 38 Miller Ave, Suite 6 Mill Valley, CA 94941 CAN DO CREATIONS, INC. 38 Miller Ave, Suite 6 Mill Valley, CA 94941 County of principal place of business: Marin This business is conducted by: a corporation /s/ Deborah Luster FILED: March 4, 2014 RICHARD BENSON Marin County Clerk By: J Mannion, Deputy NOTICE: This statement expires on 3/4/2019. A new FBN statement must be filed no more than 40 days from expiration. This filing does not of itself authorize the use of this name in violation of the rights of another under federal, state or common law. (B&P Code 14400 et seq.) No.259 March 12, 26 APRIL 2, 2014</p>	<p>This business is conducted by: an individual /s/ Holly Moose FILED: 2/28/2014 RICHARD BENSON Marin County Clerk By: J Whitney, Deputy NOTICE: This statement expires on 2/28/2019. A new FBN statement must be filed no more than 40 days from expiration. This filing does not of itself authorize the use of this name in violation of the rights of another under federal, state or common law. (B&P Code 14400 et seq.) No. 229 March 5, 12, 19, 26, 2014</p> <p>FICTITIOUS BUSINESS NAME STATEMENT COUNTY OF MARIN File No.134196 Business or change started on: 2/27/2014 The following person (s) is (are) doing business as: Nail Boutique 2086 Sir Francis Drake Blvd. Fairfax, CA 94930 Son Dang 1118 E 15th St Oakland, CA 94606 County of principal place of business:</p>	<p>other under federal, state or common law. (B&P Code 14400 et seq.) No.222 March 5, 12, 19, 26, 2014</p> <p>FICTITIOUS BUSINESS NAME STATEMENT COUNTY OF MARIN File No.134259 Business or change started on: The following person (s) is (are) doing business as: Step Van Direct 900 4th Street ste 200 San Rafael, CA 94901 Allegiant Partners, Inc 900 4th St. Ste 200 San Rafael, CA 94901 County of principal place of business:- This business is conducted by: a corporation /s/ Ben Carlile FILED: Mar 5, 2014 RICHARD BENSON Marin County Clerk By: J Mannion, Deputy NOTICE: This statement expires on 3/5/2019. A new FBN statement must be filed no more than 40 days from expiration. This filing does not of itself authorize the use of this name in violation of the rights of another under federal, state or common law.</p>	<p>NOTICE OF A PUBLIC HEARING NORTH MARIN WATER DISTRICT Declaration of a Water Shortage Emergency Novato Service Area</p> <p>Tuesday, April 1st - 7:30 p.m. District Offices 999 Rush Creek Place Novato, California (415) 897-4133</p> <p>The North Marin Water District Board of Directors will accept public comments and consider adoption of an emergency water conservation ordinance for the Novato Service Area in response to dry year conditions in Novato and on the Russian River pursuant to the State Water Resources Control Board Decision 1610 for water right permits issued to Sonoma County Water Agency.</p> <p>Copies of the Draft Emergency Water Conservation Ordinance are available for public inspection at the offices of North Marin Water District (address noted above) and on the NMWD website at www.nmwd.com.</p> <p>NO.326 MARCH 26, 27, 28, 2014</p>	<p>MARIN COUNTY PARKS SAN RAFAEL, CALIFORNIA NOTICE INVITING REQUESTS FOR STATEMENT OF QUALIFICATIONS FOR MEASURE A INDEPENDENT AUDIT ENGAGEMENT</p> <p>***** MEASURE A INDEPENDENT AUDIT ENGAGEMENT Description: County of Marin is seeking</p>

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(FABIO MARCELO DIAZ
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THE COURT ORDERS
that all persons inter-
ested in this matter shall
appear before this court

circulation, printed in this
county: Marin County.
PAUL M. HAAKENSON,
Judge of the Superior
Court, Kim Turner, Court
Executive Officer, Marin
County Superior Court.
By: R. SMITH, Deputy.
Filed: FEB. 20, 2014. At-
torney for Petitioner: N/A.
Paper: NOVATO ADVANCE
Dates Publish: MARCH
05, 12, 19, 26, 2014.
#23415

THE NOVATO MUNICI-
PAL CODE REGULATING
THE USE OF SINGLE USE
CARRYOUT BAGS

AYES: Councilmembers
Athas, Eklund, Kellner,
MacLeamy, Lucan
NOES: Councilmembers
None
ABSTAIN: Councilmem-
bers None
ABSENT: Council-
members None

THE FULL TEXT OF
THIS ORDINANCE IS
AVAILABLE IN THE CITY
CLERK'S OFFICE AT 922
MACHIN AVENUE, AND
IS POSTED ON THE
COMMUNITY SERVICES
BOARD IN THE POLICE
DEPARTMENT.

/Sheri Hartz/
Sheri Hartz, City Clerk
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NOTICE OF A PUBLIC HEARING
NORTH MARIN WATER DISTRICT
Declaration of a Water Shortage Emergency
Novato Service Area

Tuesday, April 1st – 7:30 p.m.
District Offices
999 Rush Creek Place
Novato, California
(415) 897-4133

The North Marin Water District Board of Directors will accept public comments and consider adoption of an emergency water conservation ordinance for the Novato Service Area in response to dry year conditions in Novato and on the Russian River pursuant to the State Water Resources Control Board Decision 1610 for water right permits issued to Sonoma County Water Agency.

Copies of the Draft Emergency Water Conservation Ordinance are available for public inspection at the offices of North Marin Water District (address noted above) and on the NMWD website at www.nmwd.com.

IED

Novato Advance
3/26/14

DRAFT
NORTH MARIN WATER DISTRICT'S
WATER SHORTAGE CONTINGENCY PLAN
FOR GREATER NOVATO AREA
APRIL 1, 2014

**NORTH MARIN WATER DISTRICT
WATER SHORTAGE CONTINGENCY PLAN
FOR GREATER NOVATO AREA**

~~March~~April-2006 2014

Customer Notification

1. NMWD notifies customers by bill message
 - A. Dry water supply conditions exist on the Russian River. Please reduce your water use by ~~45~~20%. Consult the NMWD website for water saving tips and the latest news on water supply status.
 - B. Critical dry water supply conditions exist on the Russian River. A mandatory _____% reduction in water use is required. Consult the NMWD website for more information.
2. Special issue of NMWD WaterLine will be mailed to all customers ~~during critical dry conditions stipulating mandatory requirements.~~

Specific Triggers

Stage 1 Trigger: When the Sonoma County Water Agency ~~adopts a Stage 1 Water Emergency~~ ~~(Criteria: advises Dry Conditions¹ prevail for at least 30 days on the Russian River system.~~

Stage 2 Trigger: When the Sonoma County Water Agency ~~adopts a Stage 2 Water Emergency~~ enacts its' water shortage allocation methodology provided that storage is not projected to fall below ~~70~~100,000-acre feet in Lake Sonoma.

Stage 3 Trigger: When the Sonoma County Water Agency ~~adopts a Stage 3 Water Emergency~~ advises that storage in Lake Sonoma falls below 100,000 acre feet.

Consumption Limits

Stage 1: (Request for up to ~~45~~20% voluntary reduction)

Residential: ~~45~~20% voluntary reduction in water use from prior year for similar

¹ Dry Conditions are defined in State Water Resources Control Board Decision 1610 as follows:

Date	Cumulative Inflow to Lake Pillsbury
January 1	8,000 acre feet
February 1	39,200 acre feet
March 1	65,700 acre feet
April 1	114,500 acre feet
May 1	145,000 acre feet
June 1	160,000 acre feet

	billing period
Commercial and Industrial	4520% voluntary reduction in water use from prior year for similar billing period (exceptions may be granted in order to preserve jobs)

Stage 2: (Up to 30% mandatory reduction)

Residential	30% reduction in water use from prior year for similar billing period
Commercial and Industrial:	30% reduction in water use from prior year for similar billing period (exceptions may be granted in order to preserve jobs)

Stage 3: (Up to 50% mandatory reduction)

Residential:	Equivalent to X ² gallons per person per day
Commercial and Industrial	50% reduction in water use from prior year for similar billing period (exceptions may be granted to preserve jobs)

Stages of Action

Stage 1 Voluntary - achieve up to a 4520% reduction³ in water use by implementation of the following

- a. Encourage voluntary rationing
- b. Pursue vigorous enforcement of water wasting regulations and provisions of District's Water Conservation Regulation 15 which requires water saving devices in new construction, prohibits installation of certain wasteful types of turf configurations, and encourages turf avoidance
- c. Request customers to make conscious efforts to conserve water
- d. Request other governmental agencies to demonstrate leadership and implement restrictive water use programs
- e. Distribute water saving kits upon customer request, to assure availability to existing and new customers. (Note: Similar kits were distributed system wide to all customers during the 1976-77 California drought.)
- f. Encourage private sector to use alternate water sources such as recycled water or use of private wells.
- g. Encourage the non-commercial washing of privately owned motor vehicles, trailers and boats only from a bucket and except that a hose equipped with a shut-off nozzle may be used for a quick rinse.
- h. Encourage nighttime irrigation
- i. Request restaurants to serve water only upon request
- j. Implement detailed measures from other stages to meet desired objective

² gpcd is to be determined when the water shortage emergency is declared

³ Exact amount and Districtwide measurement of goal and method of achievement to be established by Board of Directors after examining projected supplies from SCWA, Stafford Lake and treatment plant and emergency well sources and after holding water shortage emergency hearing.

Stage 2 Mandatory - achieve up to a 30% reduction⁹ in water use by declaring a water shortage emergency and implementing Phase 1 (introductory) and Phase 2 (mandatory) of the District's Emergency Water Conservation Ordinance

- a. Under Phase 1, the following uses are declared to be non-essential:
- (1) washing sidewalks, driveways, parking areas, tennis courts, patios or other exterior paved areas except by the Novato Fire Protection District or other public agency for the purpose of public safety;
 - (2) refilling a swimming pool;
 - (3) Non-commercial washing of privately-owned motor vehicles, trailers and boats except from a bucket and except that a hose equipped with a shut-off nozzle may be used for a quick rinse.
 - (4) ~~Request restaurants to serve water only upon request.~~
- b. The following additional uses are declared to be non-essential under Phase 2:
- (1) any use of water from a fire hydrant except for fighting fires, human consumption, essential construction needs or use in connection with animals;
 - (2) watering of any lawn, garden, landscaped area, tree, shrub or other plant except from a hand-held hose or container or drip irrigation system except sprinklers can be used if customer maintains a 30% reduction compared to prior year's use in same billing period;
 - (3) watering any portion of a golf course except the tees and greens except where private well or recycled water supply is used;
 - (4) use of water for dust control at construction sites;
 - (5) initial filling of any swimming pool;
 - (6) use by a vehicle washing facility in excess of 30% less than the amount used by it during the corresponding billing period in prior year;
 - (7) any non-residential use in excess of 30% less than the amount used by the customer during the corresponding billing period in prior year

Stage 3 Mandatory - achieve up to a 50%² reduction in water use by enacting Phase 3 of the District's Emergency Water Conservation Ordinance.

- a. The following additional uses are declared to be non-essential:
- (1) Watering any residential lawn, or any commercial or industrial area lawn maintained for aesthetic purposes, at any time day or night during the period of March 1, through September 30, when a Stage 3 rationing plan is in progress. (These designated lawns will be allowed to dry up for the summer. Affected customers will be advised on tested methods for re-greening the lawns at minimum expense beginning on October 1, during a Stage 3 rationing period if operating conditions permit. By following the prescribed instructions, the affected customers will likely avoid the cost of replacing the lawns.)
 - (2) Planting any new landscaping, except for designated drought resistant landscaping prescribed by the District.

- (3) Public agencies may apply to the General Manager for exemptions for watering specific public lawns used extensively for community wide recreation. Such public area lawn watering shall only be done under methods and time periods prescribed by the General Manager. Such exemptions will only be given by the General Manager, if a 50% or greater conservation level can otherwise be achieved on a service area basis.
 - (4) Golf courses may only use private well or recycled water for general irrigation. Golf courses may apply to the General Manager for specific exemptions to water greens only, and then only under methods and time periods prescribed by the General Manager. Such exemptions will only be given by the General Manager, if a 50% or greater conservation level can otherwise be achieved on a service area basis.
 - (5) All day and nighttime sprinkling will be discontinued. Any and all outside watering will be done only with a hand held nozzle. An exception will be made to permit drip irrigation for established perennial plants and trees using manual or automatic time controlled water application sufficient only for assured plant survival.
 - (6) No new annual plants, vegetables, flowers or vines may be planted until the Stage 3 emergency is over. An exception will be made for customers who are eliminating existing thirsty landscaping and replacing same with drought resisting landscaping prescribed by the District, as in (2) above.
 - (7) Limit deliveries of water to outside service area customers to that needed for human consumption, sanitation and public safety or as stipulated in outside service agreements.
- b. The following additional voluntary actions will be recommended for District customers:
- (1) Navy style showering will be promoted (e.g., turn on water to wet person or persons, turn off water, lather up, scrub, then turn on water for a quick rinse, then turn off shower).

Customers will be provided push button showerhead control valves upon request, and at no direct charge to them, to better allow them to take "Navy style showers."
 - (2) Customers will be urged not to regularly flush their toilets for disposal of urine only.

Plan Preparation

This plan has been coordinated with the Sonoma County Water Agency and the other regular contractors which utilize the Sonoma County Water Agency Aqueduct System and the City of Novato, and County, State and Federal Emergency Services Offices.

Adoption of Plan

The emergency rationing plan will be enacted after public hearing required by the District's Emergency Water Conservation Ordinance and a determination by the District's Board of Directors that a Water Shortage Emergency exists.

Monitoring of Actual Water Use

Monitoring of water use will be by meters with data analysis using the District's computers.

Mandatory Prohibitions

Wasting of water is prohibited by Regulation 15 of the North Marin Water District.

Phase 2 and Phase 3 of the Emergency Ordinance contain specific mandatory provisions.

Revenue and
Expenditure Analysis

Drought Surcharge

In the event a mandatory reduction in water use is triggered (Stage 2 or Stage 3 herein), a Drought Surcharge will be implemented simultaneous with enactment of the mandatory stage. The Drought Surcharge will serve to mitigate the revenue loss resulting from a reduction in water use, as well as the liquidated damages assessed by the Sonoma County Water Agency pursuant to the water shortage and apportionment provisions of the Restructured Agreement for Water Supply. The Drought Surcharge shall be a quantity charge for each 1,000 gallons as specified in District Regulation 54.

~~Assessment of potential revenue losses will be made as each stage is implemented and rate adjustments thereafter will be made in a timely manner to guarantee continued operation of the water system with reduced water sales.~~

~~The District Board of Directors will review all aspects of rate design and its reserve position before deciding whether to pass on the revenue loss, in part or in full, in the form of a rate adjustment to the ratepayers.~~

DRAFT
NORTH MARIN WATER DISTRICT
NOVATO SERVICE AREA
EMERGENCY WATER CONSERVATION ORDINANCE

APRIL 1, 2014

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DRAFT
EMERGENCY WATER CONSERVATION ORDINANCE
ORDINANCE NO.

AN ORDINANCE OF NORTH MARIN WATER DISTRICT DECLARING THE EXISTENCE OF A WATER SHORTAGE EMERGENCY CONDITION WITHIN A PORTION ~~THE NOVATO SERVICE AREA~~ OF THE DISTRICT, PROHIBITING THE WASTE AND NON-ESSENTIAL USE OF WATER, AND PROVIDING FOR THE CONSERVATION OF THE WATER SUPPLY OF THE DISTRICT

BE IT ORDAINED by the Board of Directors of North Marin Water District as follows:

Section 1. Declaration of a Water Shortage Emergency

This Board of Directors does hereby find and declare as follows:

(a) Pursuant to Resolution No. _____ duly adopted by this Board on _____, a public hearing was held on April 1, 2014, on the matter of whether this Board of Directors should declare a water shortage emergency condition exists within the water service area of this District which is served by Stafford Lake and the North Marin Aqueduct.

(b) Notice of said hearing was published in the Novato Advance and Marin Independent Journal, a newspapers of general circulation printed and published within said water service area of the District.

(c) At said hearing all persons present at said hearing were given an opportunity to be heard and all persons desiring to be heard were heard.

(d) Said hearing was called, noticed and held in all respects as required by law.

(e) This Board heard and has considered each protest against the declaration and all evidence presented at said hearing.

(f) A water shortage emergency condition exists and prevails within the portion of the territory of this District served by Stafford Lake and the North Marin Aqueduct. Said portion of this District is hereinafter referred to as the Novato ~~Service area~~ Area and consists in all the territory of this District except the portions hereof in the western part of Marin County denominated Annexations 2, 3, 5, 6, 7, 8, 10, 11, 12, 13, 14, 15 and 16 generally known as Point Reyes Station, Inverness Park, Olema, Oceana Marin, and territories on the east shore of Tomales Bay. Said water shortage exists by reason of the fact that the ordinary demands and requirements of the water consumers in the Novato area cannot be met and satisfied by the water supplies now available to this District in the ~~Novato said area, without depleting the water supply to the extent that there would be insufficient water for human consumption, sanitation and fire protection.~~

Section 2. Purpose and Authority

The purpose of this ordinance is to conserve the water supply of the District for the greatest public benefit with particular regard to public health, fire protection and domestic use, to conserve water by reducing waste, and to the extent necessary by reason of drought and the existing water shortage emergency condition to reduce water use fairly and equitably. This ordinance is adopted pursuant to Water Code Section 350 to and including 358, and Sections 31026 to and including 31029.

Section 3. Effect of Ordinance

This ordinance shall take effect ~~on April 1, 2014~~ immediately, shall be effective only in the Novato ~~Service a~~Area, shall supersede and control over any other ordinance or regulation of the District in conflict herewith, and shall remain in effect until the Board of Directors declares that the water shortage emergency has ended.

Section 4. Suspension of New Connections to the District's Water System

(a) From and including _____the date Stage 2, Mandatory, actions are implemented (TBD), until, the Board of Directors by resolution declares that the water shortage has ended, which period is hereinafter referred to as the suspension period, no new or enlarged connection shall be made to the District's water system except the following:

- (1) connection pursuant to the terms of connection agreements which prior to _____to the date Stage 2, mandatory actions are implemented (TBD), had been executed or had been authorized by the Board of Directors to be executed;
- (2) connections of fire hydrants;
- (3) connections of property previously supplied with water from a well which runs dry.
- (4) connection of property for which the Applicant agrees to defer landscape installation until after the suspension period.
- (5) Recycled Water connections.

(b) During the suspension period applications for water service will be processed only if the Applicant acknowledges in writing that such processing shall be at the risk and expense of the Applicant and that if the application is approved in accordance with the District's regulations, such approval shall confer no right upon the Applicant or anyone else until the suspension period has expired, and that the Applicant releases the District from all claims of damage arising out of or in any manner connected with the suspension of connections.

(c) Upon the expiration of the suspension period, the District will make connections to its water system in accordance with its regulations and the terms of connection agreements for all said applications approved during the suspension period. The water supply then available to the District will be apportioned equitably among all the customers then being served by the District without discrimination against services approved during the suspension period.

(d) Nothing herein shall prohibit or restrict any modification, relocation or replacement of a connection to the District's system if the General Manager determines that the demand upon the District's water supply will not be increased thereby.

Section 5. Waste of Water Prohibited

No water furnished by the District shall be wasted. Waste of water includes, but is not limited to, the following:

- (a) permitting water to escape down a gutter, ditch or other surface drain;
- (b) failure to repair a controllable leak of water;
- (c) failure to put to reasonable beneficial use any water withdrawn from the District's system.

Section 6. Prohibition of Non-Essential Use of Water

(a) No water furnished by the District shall be used for any purpose declared to be non-

essential by this ordinance.

Phase 1 Stage 1 - Introductory Voluntary Phase (20% reduction) Achieve 20% reduction in water usage compared to the corresponding billing period in 2013 by encouraging voluntary rationing, enforcement of water wasting regulations and water conservation Regulation 15, requesting customers to make conscious efforts to conserve water, request restaurants to serve water only upon request, encourage private sector to use alternate source and encourage night irrigation.

(b) The following uses are declared to be non-essential from and after _____ after April 1, 2014:

- (1) washing sidewalks, driveways, parking areas, tennis courts, patios or other exterior paved areas except by the Novato Fire Protection District or other public agency for the purpose of public safety;
- (2) refilling a swimming pool drained after _____ after July 1, 2014;
- (3) non-commercial washing of privately-owned motor vehicles, trailers and boats except from a bucket and except that a hose equipped with a shut-off nozzle may be used for a quick rinse.

Phase Stage 2 - Moderate Mandatory Rationing (up to 30% reduction)

(c) The following additional uses are declared to be non-essential from and after _____ after
TBD :

- (1) any use of water from a fire hydrant except for fighting fires, human consumption, essential construction needs or use in connection with animals;
- (2) 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 except overhead sprinkler irrigation can be used if customer maintains an overall 30% 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 a required 30% 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 sprinkler water is used in a wasteful manner, the General Manager may prohibit sprinkling by that customer. ~~watering of any lawn, garden, landscaped area, tree, shrub or other plant except from a handheld hose or container or drip irrigation system except as provided in Section 10 hereof;~~
- (3) watering any portion of a golf course except the tees and greens except as provided in Section 10 hereof or where private well or recycled water supply is used;
- (4) use of water for dust control at construction sites;
- (5) initial filling of any swimming pool for which application for a building permit was made after _____ after TBD;
- (6) use by a vehicle washing facility in excess of up to 30% less than the amount used by it during the corresponding billing period in _____ in 2013. If the facility was not operating in _____ in 2013, an assumed amount shall be computed by the District from its records. This subsection shall not apply to any facility that recycles water in a manner satisfactory to the District.
- (7) any non-residential use in excess of up to 30% less than the amount used by the customer during the corresponding billing period in _____ in 2013. If connection to the District system was not in existence or use in _____ in 2013, an assumed amount will be computed from the District's records.

Phase Stage 3 - Severe Mandatory Rationing (up to 50% reduction)

(d) From and after the date that the Board of Directors, by resolution, determines that the water shortage emergency requires severe rationing, the following additional uses are declared to be non-essential:

- (1) Watering any residential lawn, or any commercial or industrial area lawn maintained for aesthetic purposes, at any time of the day or night during the period of March 1, through September 30, when a Stage 3 is in progress.
- (2) Planting any new landscaping, except for designated drought resistant landscaping prescribed by the District.
- (3) All day and nighttime sprinkling will be discontinued. Any and all outside watering will be done only with a hand held nozzle. An exception will be made for carefully timed drip irrigation for established perennial plants and trees. Only sufficient water for assured plant survival may be applied.
- (4) No new annual plants, vegetables, flowers or vines may be planted during the Stage 3 emergency period. An exception will be made for customers who are eliminating existing thirsty landscaping and replacing same with drought resisting landscaping prescribed by the District, as in (2) above.

The combined rationing including Phase 1, 2, and 3 is designed to achieve a minimum reduction of 50% or more in Novato service territory water consumption as compared with normal annual usage.

(e) The percentages stipulated in Phase 2 and Phase 3 may be increased by the General Manager for any class of customer if the General Manager determines that such increase is necessary to protect the public health, safety and welfare or to spread equitably among the water users of the District the burdens imposed by the drought and the shortage in the District's water supply.

Section 7. Variances

Applications for a variance from the provisions of Section 6 of this ordinance may be made to the General Manager. The General Manager may grant a variance to permit a use of water otherwise prohibited by Section 6 if the General Manager determines that the variance is reasonably necessary to protect the public health and safety and/or economic viability of commercial operation. Any decision of the General Manager under this section may be appealed to the Board of Directors.

Section 8. Violations

(a) If and when the District becomes aware of any violation of any provision of Section 5 or 6 of this ordinance, a verbal warning will be given, then if the violation continues or is repeated, a written notice shall be placed on the property where the violation occurred and mailed to the person who is regularly billed for the service where the violation occurs and to any other person known to the District who is responsible for the violation or its correction. Said notice shall describe the violation and order that it be corrected, cured and abated immediately or within such specified time as the General Manager determines is reasonable under the circumstances. If said order is not complied with, the District may forthwith disconnect the service where the violation occurs.

(b) For the first offense, a fee of \$50 shall be paid for the reconnection of any service disconnected pursuant to subsection (a) during the suspension period. For each subsequent violation of Section 8 (a), the fee for reconnection shall be \$75.

(c) No service which is disconnected twice because of a violation of Section 5 or 6 of this ordinance during the suspension period, shall be reconnected unless a device supplied by the District which will restrict the flow of water to said service is installed. Furthermore, the fee for reconnection of such a service during the suspension period shall be \$100 in lieu of the fee required by subsection (b) hereof.

(d) In the event the District determines that water furnished by the District has been used to fill a swimming pool in violation of Section 5 or 6 hereof, service shall be disconnected and shall be reconnected pursuant to Section 8 (b) hereof, as applicable, except that the reconnection fee shall be \$200 for each subsequent offense.

Section 9. Signs on Lands Supplied from Private Wells or Recycled Water

The owner or occupant of any land within the Novato water service area that is supplied with water from a private well or with recycled water shall post and maintain in a conspicuous place thereon a sign furnished by the District giving public notice of such supply.

Section 10. Drought Surcharge

In the event a mandatory reduction in water use is triggered (Stage 2 or Stage 3 herein), a Drought Surcharge will be implemented simultaneous with enactment of the mandatory stage. The Drought Surcharge will serve to mitigate the revenue loss resulting from a reduction in water use, as well as the liquidated damages assessed by the Sonoma County Water Agency pursuant to the water shortage and apportionment provisions of the Restructured Agreement for Water Supply. The Drought Surcharge shall be a quantity charge for each 1,000 gallons as specified in District Regulation 54.

~~Section 10. Use of Sprinklers Conditional~~

~~Any customer of the District may use a sprinkler or sprinkler system to apply water furnished by the District to irrigate any lawn, garden, landscaped area, trees or shrubs provided said application is attended, properly controlled, performed in a non-wasteful manner and confined to the hours between 7:00 p.m. and 9:00 a.m. of the next day. The term sprinkler shall be defined to include soaker hoses or lines. The privilege to use a sprinkler or sprinkler system shall be banned for all customers in the event the Board of Directors of the District determines that the aggregate water use by all customers exceeds 50% of the amount of water used by all customers for a similar period 12 months prior. The General Manager of the District may temporarily prohibit the use of sprinklers in part of or the entire water system if in his judgement such use may reduce the District's water supplies below levels adequate for human consumption, sanitation and fire protection purposes. The District reserves the right to check the water use of any customer and if such use exceeds 50% of the use by the same customer or account for the corresponding period in _____ or if sprinkled water is used in a wasteful manner, the General Manager may prohibit sprinkling by that customer.~~

* * * * *

I hereby certify that the foregoing is a true and complete copy of an ordinance duly and regularly adopted by the Board of Directors of North Marin Water District at a regular meeting thereof held on _____ by the following vote:

- AYES: Directors
- NOES:
- ABSENT:

ABSTAINED:
(SEAL)

Secretary
North Marin Water District


WATER CODE

§ 31026. Emergency water restrictions

A district shall have the power to restrict the use of district water during any emergency caused by drought, or other threatened or existing water shortage, and to prohibit the wastage of district water or the use of district water during such periods, for any purpose other than household uses or such other restricted uses as may be determined to be necessary by the district and may prohibit use of such water during such periods for specific uses which the district may from time to time find to be nonessential. (*Added by Stats.1951, c. 622, p. 1799, § 1, eff. May 24, 1951.*)

6

MEMORANDUM

To: Board of Directors March 27, 2014
From: Chris DeGabriele, General Manager 
Subj: Public Hearing/Adopt Emergency Water Conservation Ordinance – West Marin Service Area
t:\gm\water shortage 2014\public hearing memo 040114 wm.docx

RECOMMENDED ACTION:

- a. Hold a public hearing to consider a water shortage emergency in the West Marin Service Area
- b. Enact West Marin Water Shortage Contingency Plan
- c. Adopt Emergency Water Conservation Ordinance

FINANCIAL IMPACT: None at this time (Reduced water sales revenue resulting from voluntary stage of the Water Shortage Emergency is expected to be backstopped with existing reserves.)

Background

At each meeting this calendar year, the Board has been updated on current water supply status and activities in preparing for dry year conditions. At the January 7th meeting, the Board reviewed rainfall and water storage levels both in Novato, West Marin and in the Russian River and reviewed the District's draft Water Shortage Contingency Plan for Novato and West Marin.

At the January 21st meeting, the Board was updated on rainfall and water storage statistics and was informed that West Marin water bills would include a message advising of dry year conditions on Lagunitas Creek. The Board was also informed that a winter *WaterLine* newsletter was mailed to Novato customers, urging unnecessary outdoor irrigation be turned off, leaks be fixed and that customers participate in NMWD water conservation programs.

At the February 4th meeting, the Board was again updated on current rainfall and water storage conditions, provided information on the water suppliers presentation to the Marin County Board of Supervisors, learned of the State Water Board's notice of potential curtailment of water right diversions, received a status table on conservation measures contemplated by the water contractors who receive Russian River water, and learned that Marin Municipal would pay to back feed water into Stafford Lake.

At the February 18th meeting, the Board was again apprised on rainfall and water storage status, Stafford Lake back feed operations, and learned that the Water Advisory Committee had adopted a resolution supporting the Sonoma Marin Saving Water Partnership

efforts and the Governor's Emergency Drought Declaration that includes seeking 20% voluntary water conservation.

On February 25th, County of Sonoma proclaimed a local emergency due to drought conditions and Sonoma County Water Agency adopted a resolution supporting the County of Sonoma's drought declaration, Governor Brown's Emergency Drought Declaration and the Sonoma Marin Saving Water Partnership resolution.

On March 4th the Board scheduled a public hearing for tonight to declare a Water Shortage Emergency in Novato and consider enactment of the Water Shortage Contingency Plan.

Currently Kent Lake rainfall is at 23.61," lower than the 28" needed by April 1st for normal year Lagunitas Creek stream flow. This is the first dry year since Water Right Order 95-17 was adopted in October 1995. Lagunitas Creek flows are being maintained at the regulated threshold of 20cfs under dry year conditions, and are scheduled to drop to 14cfs on April 1st, 10cfs on May 1st and 6cfs on June 16 pursuant to Water Right Order 95-17.

The public hearing was noticed both in the Point Reyes Light (Attachment 1) and West Marin Citizen (Attachment 2). For your information, the West Marin Area Water Shortage Contingency Plan (Attachment 3) and Ordinance (Attachment 4) propose Stage 1 at 15% voluntary conservation, beginning April 1st and Mandatory 25% conservation beginning July 1st. The Mandatory Stage will trigger enactment of a drought surcharge to be considered at a separate public hearing on June 24th in Point Reyes. These documents have been available on our website.

Water Code Section 31026, Emergency Water Restrictions provide broad powers to restrict water use during any emergency caused by drought or other threatened or existing water shortage. The full text of Water Code Section 31026 is included as Attachment 5.

Recommendation:

- a. Board hold a public hearing to consider declaration of water shortage emergency in the West Marin Service Area
- b. Enact the West Marin Water Shortage Contingency Plan
- c. Adopt the Emergency Water Conservation Ordinance.

Bolinas satellite

continued from page 1

He added that the land was previously often scattered with trash from homeless encampments.

Last fall, after residents began airing concerns about the effects of agricultural operations on the town's public lands, the district formed a committee to tackle the issue. The group included Mr. Murch and some concerned citizens. One of those was Ken Masterson, who lives near the leased land.

"Since it is public land, I think my primary concern was that the public still be able to have the same positive joyful experience walking through the sewer pond land, and to minimize the interaction between machinery and pedestrians," Mr. Masterson told the Light.

Mr. Murch, who had a few goats on the land last year, originally thought he would add more goats, and chickens, too. The district has leased a nearby piece of land to Bolinas resident and landscape designer Alethea Patton, who keeps goats and bees, since 2008. But because Mr. Murch's plot is closer to private property, some residents fretted about noise from his animals and the possibility that they would attract predatory wildlife.

At Wednesday's meeting, which drew other local farmers and a standing-room only crowd, Bolinas resident Mary Abbott



David Briggs

LAND: Bolinas landscape architect Alethea Patton has raised goats and bees on lands owned by the community's utility district since 2008. Gospel Flat farmer Mickey Murch in 2011 began dry farming on an adjacent parcel—four acres that sit below the town's sewer ponds in an open area that features a trail from the Big Mesa to downtown. The district last week revised his lease to eliminate the possibility of livestock, among other changes, after neighbors raised concerns about his activities.

questioned the legality of the lease and the process by which it was approved.

"I just felt like I had to stand up and give a voice to the love of the open space," she said. She said the entire process was a "fait accompli" that did not solicit public input, and added that if the lease was inevitable, the district should ask more for it.

Mr. Murch responded that the inexpensive rent reflected the work he had to undertake, not just to provide food for the

community, which is sold at a farm stand that operates on an honor system, but also to tend the land.

Ms. Abbott cited a provision of the town's community plan that she said excluded the land in question from an agricultural preserve established in that plan.

But Jennifer Blackman, the district's manager, said that exclusion doesn't mean the land cannot be used for agriculture; it just does not specifically protect it

for that purpose.

According to board director Jack Siedman, Mr. Murch's agricultural use of land is nothing new; back in the 1980s, then-resident Jimmy Friedrich grew cucumbers that he made into pickles.

The committee that formulated the lease will now focus on finding ways to better manage the district's open space acreage, including a survey of native and invasive plant life.

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Community Meeting, Wednesday April 9, 6:30 - 8:00 pm
Dance Palace Community Center, 503 B Street, Pt Reyes Sta.
Open Houses: April 12, 19, 23
Applications distributed at the meeting, and www.clam-ptreyes.org
CLAM, 663-1005

NOTICE OF A PUBLIC HEARING
NORTH MARIN WATER DISTRICT
Declaration of a Water Shortage Emergency
West Marin Service Area

Tuesday, April 1st – 7:30 p.m.
District Offices
999 Rush Creek Place
Novato, California
(415) 897-4133

The North Marin Water District Board of Directors will accept public comments and consider adoption of an emergency water conservation ordinance for the West Marin Service Area in response to dry year conditions on Lagunitas Creek pursuant to the State Water Resources Control Board Order 95-17 for water right permits issued to North Marin Water District.

Copies of the Draft Emergency Water Conservation Ordinance are available for public inspection at the offices of North Marin Water District (address noted above) and on the NMWD website at www.nmwd.com.

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West Marin Citizen
3/27/14

**DRAFT
NORTH MARIN WATER DISTRICT'S
WATER SHORTAGE CONTINGENCY PLAN
FOR WEST MARIN SERVICE AREA**

| ~~August 23, 2002~~ April 1, 2014

**NORTH MARIN WATER DISTRICT
WATER SHORTAGE CONTINGENCY PLAN
FOR WEST MARIN SERVICE AREA
~~August 2002~~April 2014**

Customer Notification

- I. January 1 water year classification "dry"
 - A. NMWD notifies customer by bill message.

"There are dry year conditions on Lagunitas Creek which may trigger implementation of water shortage contingency measures. Final determination will be made on April 1. Please use water wisely."
 - B. NMWD issues press release in February and March informing that potential dry year conditions exist and promoting customer participation in NMWD water conservation programs.
- II. April 1 water year classification "normal"
 - A. Spring edition of NMWD West Marin "Water Line" promotes conservation measures.
- III. April 1 water year classification "dry"
 - A. Spring edition of NMWD West Marin "Water Line" informs customers of "Water Shortage Emergency," public hearing and contingency measures. Water conservation programs and giveaways to be on display.
 - B. Stages of Action published as required in Point Reyes Light and posted at Point Reyes Station post office.

Specific Triggers

- Stage 1 Trigger:** When the total precipitation that occurs from October 1 through April 1 of the following year is less than 28" as measured at the MMWD Kent precipitation gage, and the period is April 1 through June 30.
- Stage 2 Trigger:** When the total precipitation that occurs from October 1 through April 1 of the following year is less than 28" as measured at the MMWD Kent precipitation gage, and the period is July 1 through November 1.
- Stage 3 Trigger:** When the total precipitation that occurs from October 1 through April 1 of the following year is less than 28" as measured at the MMWD Kent precipitation gage, and the period is August 1 through November 1 and water demands in any preceding thirty-day period exceed an average of 433,000 gpd.

Consumption Limits

Stage 1: (Request 15% voluntary reduction)

Residential:	15% voluntary reduction in water use from prior normal year for similar billing period.
Commercial and Industrial	15% voluntary reduction in water use from prior normal year for similar billing period.

Stage 2: (25% mandatory reduction)

Residential	25% reduction in water use from prior normal year for similar billing period.
Commercial and Industrial:	25% reduction in water use from prior normal year for similar billing period (exceptions may be granted by the General Manager for emergency and special needs).

Stage 3: (50% mandatory reduction) **(Critical)**

Residential:	Equivalent to X ¹ gallons per person per day.
Commercial and Industrial	50% reduction in water use from prior normal year for similar billing period (exceptions may be granted to by the General Manager for emergency and special needs).

Stages of Action

Stage 1 Voluntary - achieve a 15% reduction in water use by implementation of the following

- a. Encourage voluntary rationing
- b. Pursue vigorous enforcement of water wasting regulations and provisions of District's Water Conservation Regulation 17.
- c. Request customers to make conscious efforts to conserve water
- d. Request other governmental agencies to demonstrate leadership and implement restrictive water use programs
- e. Distribute water saving kits upon customer request, to assure availability to existing and new customers. (Note: Similar kits were distributed system wide to all customers during the 1976-77 California drought.)
- f. Encourage private sector to use alternate water sources such as private wells.
- g. Encourage the non-commercial washing of privately owned motor vehicles, trailers and boats only from a bucket and except that a hose equipped with a shut-off nozzle may be used for a quick rinse.
- h. Encourage nighttime irrigation
- i. Implement detailed measures from other stages to meet desired objective.
- j. Request restaurants to serve water only upon request.

Stage 2 Mandatory - achieve a 25% reduction in water use by declaring a water shortage emergency and implementing Phase 1 (introductory) and Phase 2 (mandatory) of the District's Emergency Water Conservation Ordinance

- a. Under Phase 1, the following uses are declared to be non-essential:
 - (1) washing sidewalks, driveways, parking areas, tennis courts, patios or other exterior paved areas except by the Marin County Fire Department or other public agency for the purpose of public safety;
 - (2) refilling a swimming pool;
 - (3) Non-commercial washing of privately-owned motor vehicles, trailers and boats except from a bucket and except that a hose equipped with a shut-off nozzle may be used for a quick rinse.
 - (4) ~~Request restaurants to serve water only upon request.~~
- b. The following additional uses are declared to be non-essential under Phase 2:
 - (1) any use of water from a fire hydrant except for fighting fires, human consumption, essential construction needs or use in connection with animals;
 - (2) watering of any lawn, garden, landscaped area, tree, shrub or other plant except from a hand-held hose or container or drip irrigation system without sprinklers can be used if customer maintains a 25% reduction compared to prior year's use in same billing period (the General Manager shall be authorized to request a greater reduction as required to meet the stage 2, 25% mandatory reduction);
 - (3) use of water for dust control at construction sites;
 - (4) initial filling of any swimming pool;
 - (5) use by a vehicle washing facility in excess of 25% less than the amount used by it during the corresponding billing period in prior year;
 - (6) any non-residential use in excess of 25% less than the amount used by the customer during the corresponding billing period in prior year
- c. Discontinue all intertie deliveries through the intertie to Inverness Public Utility District (IPUD), except for critical needs as determined by the General Manager.

Stage 3 Mandatory - achieve a 50% reduction in water use by enacting Phase 3 of the District's
Critical Emergency Water Conservation Ordinance.

- a. The following additional uses are declared to be non-essential:
 - (1) Watering any residential lawn, or any commercial or industrial area lawn maintained for aesthetic purposes, at any time day or night during the period when a Stage 3 rationing plan is in progress. (These designated lawns will be allowed to dry up for the summer. Affected customers will be advised on tested methods for re-greening the lawns at minimum expense beginning on November 1, subsequent to a Stage 3 rationing period if operating conditions permit. By following the prescribed instructions, the affected customers will likely avoid the cost of replacing the lawns.)
 - (2) Planting any new landscaping, except for designated drought resistant landscaping prescribed by the District.

- (3) Public agencies may apply to the General Manager for exemptions for watering specific public lawns used extensively for community wide recreation. Such public area lawn watering shall only be done under methods and time periods prescribed by the General Manager. Such exemptions will only be given by the General Manager, if a 50% or greater conservation level can otherwise be achieved on a service area basis.
 - (4) All day and nighttime sprinkling will be discontinued. Any and all outside watering will be done only with a hand held nozzle. An exception will be made to permit drip irrigation for established perennial plants and trees using manual or automatic time controlled water application sufficient only for assured plant survival.
 - (5) No new annual plants, vegetables, flowers or vines may be planted until the Stage 3 emergency is over. An exception will be made for customers who are eliminating existing thirsty landscaping and replacing same with drought resisting landscaping prescribed by the District, as in (2) above.
- b. Limit deliveries of water to outside service area customers to that needed for human consumption, sanitation and public safety or as stipulated in outside service agreements.
 - c. Discontinue all water deliveries through the intertie to IPUD.
 - d. The following additional actions will be recommended for District customers:
 - (1) Navy style showering will be promoted (e.g., turn on water to wet person or persons, turn off water, lather up, scrub, then turn on water for a quick rinse, then turn off shower).
Customers will be provided push button showerhead control valves upon request, and at no direct charge to them, to better allow them to take "Navy style showers."
 - (2) Customers will be urged not to regularly flush their toilets for disposal of urine only.
 - e. Implement detailed measures from other stages to meet desired objective.

Adoption of Plan

The emergency rationing plan will be enacted after public hearing required by the District's Emergency Water Conservation Ordinance and a determination by the District's Board of Directors that a West Marin Water Shortage Emergency exists.

Monitoring of Actual Water Use

Monitoring of water use will be by meters with data analysis using the District's computers.

Mandatory Prohibitions

Wasting of water is prohibited by Regulation 17 of the North Marin Water District.

Phase 2 and Phase 3 of the Emergency Ordinance contain specific mandatory provisions.

Revenue and Expenditure Analysis

Drought Surcharge

In the event a mandatory reduction in water use is triggered under the District's Water Shortage Contingency Plan for the

West Marin Service Area, a Drought Surcharge will be implemented simultaneous with enactment of the mandatory stage. The Drought Surcharge will serve to mitigate the revenue loss resulting from a reduction in water use, as well as to offset the cost for water purchased from Marin Municipal Water District (MMWD) under the Interconnection Agreement between North Marin Water District and MMWD triggered by dry year conditions. The Drought Surcharge shall be a quantity charge for each 1,000 gallons as specified in District Regulation 54.

~~Assessment of potential revenue losses will be made as each stage is implemented and rate adjustments thereafter will be made in a timely manner to guarantee continued operation of the water system with reduced water sales.~~

~~The District Board of Directors will review all aspects of rate design and its reserve position before deciding whether to pass on the revenue loss, and/or cost of water conservation enforcement, in part or in full, in the form of a rate adjustment to the ratepayers.~~

DRAFT
NORTH MARIN WATER DISTRICT
WEST MARIN SERVICE AREA
EMERGENCY WATER CONSERVATION ORDINANCE

~~August 23, 2002~~April 1, 2014

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DRAFT
EMERGENCY WATER CONSERVATION ORDINANCE
ORDINANCE NO.

AN ORDINANCE OF NORTH MARIN WATER DISTRICT DECLARING THE EXISTENCE OF A WATER SHORTAGE EMERGENCY CONDITION WITHIN A PORTION ~~THE WEST MARIN SERVICE AREA~~ OF THE DISTRICT, PROHIBITING THE WASTE AND NON-ESSENTIAL USE OF WATER, AND PROVIDING FOR THE CONSERVATION OF THE WATER SUPPLY OF THE DISTRICT

BE IT ORDAINED by the Board of Directors of North Marin Water District as follows:

Section 1. Declaration of a Water Shortage Emergency

This Board of Directors does hereby find and declare as follows:

(a) Pursuant to Resolution No. _____ duly adopted by this Board on _____, a public hearing was held on _____ on April 1, 2014, on the matter of whether this Board of Directors should declare a water shortage emergency condition exists within the West Marin water service area of this District which is served by wells adjacent to Lagunitas Creek.

(b) Notice of said hearing was published in the _____ the Point Reyes Light, a newspaper and West Marin Citizen, newspapers of general circulation printed and published within said West Marin water service area of the District.

(c) At said hearing all persons present were given an opportunity to be heard and all persons desiring to be heard were heard.

(d) Said hearing was called, noticed and held in all respects as required by law.

(e) This Board heard and has considered each protest against the declaration and all evidence presented at said hearing.

(f) A water shortage emergency condition exists and prevails within the portion of the territory of this District served by wells adjacent to Lagunitas Creek. Said portion of this District is hereinafter referred to as the West Marin area and consists in all the territory of this District generally known as Point Reyes Station, Inverness Park, Olema, Bear Valley and Paradise Ranch Estates. Said water shortage exists by reason of the fact that the ordinary demands and requirements of the water consumers in the West Marin area cannot be met and satisfied by the water supplies now available to this District in the said area.

Section 2. Purpose and Authority

The purpose of this ordinance is to conserve the water supply of the District for the greatest public benefit with particular regard to public health, fire protection and domestic use, to conserve water by reducing waste, and to the extent necessary by reason of drought and the existing water shortage emergency condition to reduce water use fairly and equitably. This ordinance is adopted pursuant to Water Code Section 350 to and including 358, and Sections 31026 to and including 31029.

Section 3. Effect of Ordinance

This ordinance shall take effect immediately on April 1, 2014, shall be effective only in the West Marin service area, shall supersede and control over any other ordinance or regulation of the District in conflict herewith, and shall remain in effect until the Board of Directors declares that the water shortage emergency has ended.

Section 4. Suspension of New Connections to the District's Water System

(a) From ~~and including~~ July 1, 2014 until, the Board of Directors by resolution declares that the water shortage has ended, which period is hereinafter referred to as the suspension period, no new or enlarged connection shall be made to the District's water system except the following:

- (1) connection pursuant to the terms of connection agreements which prior to July 1, 2014, had been executed or had been authorized by the Board of Directors to be executed;
- (2) connections of fire hydrants;
- (3) connections of property previously supplied with water from a well which runs dry.
- (4) connection of property for which the Applicant agrees to defer landscape installation until after the suspension period.

(b) During the suspension period applications for water service will be processed only if the Applicant acknowledges in writing that such processing shall be at the risk and expense of the Applicant and that if the application is approved in accordance with the District's regulations, such approval shall confer no right upon the Applicant or anyone else until the suspension period has expired, and that the Applicant releases the District from all claims of damage arising out of or in any manner connected with the suspension of connections.

(c) Upon the expiration of the suspension period, the District will make connections to its water system in accordance with its regulations and the terms of connection agreements for all said applications approved during the suspension period. The water supply then available to the District will be apportioned equitably among all the customers then being served by the District without discrimination against services approved during the suspension period.

(d) Nothing herein shall prohibit or restrict any modification, relocation or replacement of a connection to the District's system if the General Manager determines that the demand upon the District's water supply will not be increased thereby.

Section 5. Waste of Water Prohibited

No water furnished by the District shall be wasted. Waste of water includes, but is not limited to, the following:

- (a) permitting water to escape down a gutter, ditch or other surface drain;
- (b) failure to repair a controllable leak of water;
- (c) failure to put to reasonable beneficial use any water withdrawn from the District's system.

Section 6. Prohibition of Non-Essential Use of Water

(a) No water furnished by the District shall be used for any purpose declared to be non-essential by this ordinance.

Phase Stage 1 - Voluntary Phase (15% reduction) is designed to ~~achieve~~ achieve 15% reduction

in water usage compared to the corresponding billing period in 2013 by encouraging voluntary rationing, enforcement of water wasting regulations and water conservation Regulation 17, requesting customers to make conscious efforts to conserve water, request restaurants to serve water only upon request, encourage private sector to use alternate source and encourage night irrigation.

Phase Stage 2 - Mandatory Rationing Phase (25% reduction)

(b) The following uses are declared to be non-essential from and after _____ after July 1, 2014:

- (1) washing sidewalks, driveways, parking areas, tennis courts, patios or other exterior paved areas except by the Marin County Fire Department or other public agency for the purpose of public safety;
- (2) refilling a swimming pool drained after _____ after July 1, 2014;
- (3) non-commercial washing of privately-owned motor vehicles, trailers and boats except from a bucket and except that a hose equipped with a shut-off nozzle may be used for a quick rinse.
- (4) Request restaurants to serve water only upon request.

(c) The following additional uses are declared to be non-essential from and after _____ after July 1, 2014:

- (1) any use of water from a fire hydrant except for fighting fires, human consumption, essential construction needs or use in connection with animals;
- (2) 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 except overhead sprinkler irrigation can be used if customer maintains an overall 25% reduction in water use compared to the corresponding billing period in 2013, (customers using less than 200 gallons per day are permitted to water their landscape without a 25% 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 sprinkler water is used in a wasteful manner, the General Manager may prohibit sprinkling by that customer. watering of any lawn, garden, landscaped area, tree, shrub or other plant except from a handheld hose or container or drip irrigation system except as provided in Section 40 hereof;
- (3) use of water for dust control at construction sites;
- (4) initial filling of any swimming pool for which application for a building permit was made after _____ after April 1, 2014;
- (5) use by a vehicle washing facility in excess of 25% less than the amount used by it during the corresponding billing period in _____ 2013. If the facility was not operating in _____ in 2013, an assumed amount shall be computed by the District from its records.
- (6) any non-residential use in excess of 25% less than the amount used by the customer during the corresponding billing period in _____ in 2013. If connection to the District system was not in existence or use in _____ in 2013, an assumed amount will be computed from the District's records.
- (7) Intertie deliveries to Inverness Public Utilities District (IPUD), except for critical needs as determined by the General Manager

- (8) Deliveries to customers outside the service area except as needed for human consumption, sanitation and public safety or as stipulated in outside service agreements.

Phase 3 Stage 3 - Severe Mandatory Rationing (50% reduction)

(d) From and after the date that the Board of Directors, by resolution, determines that the water shortage emergency requires severe rationing, the following additional uses are declared to be non-essential:

- (1) Watering any residential lawn, or any commercial or industrial area lawn maintained for aesthetic purposes, at any time of the day or night during the period of August 1, through October 31, when a Stage 3 is in progress.
- (2) Planting any new landscaping, except for designated drought resistant landscaping prescribed by the District.
- (3) All day and nighttime sprinkling will be discontinued. Any and all outside watering will be done only with a hand held nozzle. An exception will be made for carefully timed drip irrigation for established perennial plants and trees. Only sufficient water for assured plant survival may be applied.
- (4) No new annual plants, vegetables, flowers or vines may be planted during the Stage 3 emergency period. An exception will be made for customers who are eliminating existing thirsty landscaping and replacing same with drought resisting landscaping prescribed by the District, as in (2) above.

The combined rationing including Phase 1, 2, and 3 is designed to achieve a minimum reduction of 50% or more in West Marin service territory water consumption as compared with normal year annual usage.

(e) The percentages stipulated in Phase 2 and Phase 3 may be increased by the General Manager for any class of customer if the General Manager determines that such increase is necessary to protect the public health, safety and welfare or to spread equitably among the water users of the District the burdens imposed by the drought and the shortage in the District's water supply.

Section 7. Variances

Applications for a variance from the provisions of Section 6 of this ordinance may be made to the General Manager. The General Manager may grant a variance to permit a use of water otherwise prohibited by Section 6 if the General Manager determines that the variance is reasonably necessary to protect the public health and safety and/or economic viability of a commercial operation. Any decision of the General Manager under this section may be appealed to the Board of Directors.

Section 8. Violations

(a) If and when the District becomes aware of any violation of any provision of Section 5 or 6 of this ordinance, a verbal warning will be given, then if the violation continues or is repeated, a written notice shall be placed on the property where the violation occurred and mailed to the person who is regularly billed for the service where the violation occurs and to any other person known to the District who is responsible for the violation or its correction. Said notice shall describe the violation and order that it be corrected, cured and abated immediately or within such specified time as the General Manager determines is reasonable under the circumstances. If said order is not complied with, the District may forthwith disconnect the service where the violation occurs.

(b) For the first offense, a fee of \$50 shall be paid for the reconnection of any service disconnected pursuant to subsection (a) during the suspension period. For each subsequent violation of Section 8 (a), the fee for reconnection shall be \$75.

(c) No service which is disconnected twice because of a violation of Section 5 or 6 of this ordinance during the suspension period, shall be reconnected unless a device supplied by the District which will restrict the flow of water to said service is installed. Furthermore, the fee for reconnection of such a service during the suspension period shall be \$100 in lieu of the fee required by subsection (b) hereof.

Section 9. Signs on Lands Supplied from Private Wells

The owner or occupant of any land within the West Marin water service area that is supplied with water from a private well shall post and maintain in a conspicuous place thereon a sign furnished by the District giving public notice of such supply.

~~Section 10. Use of Sprinklers Conditional~~

~~Any customer of the District may use a non-automated sprinkler or sprinkler system to apply water furnished by the District to irrigate any lawn, garden, landscaped area, trees or shrubs provided said application is attended, properly controlled, performed in a non-wasteful manner and confined to the hours between 7:00 p.m. and 9:00 a.m. of the next day. The term sprinkler shall be defined to include soaker hoses or lines. The privilege to use a sprinkler or sprinkler system shall be banned for all customers in the event the Board of Directors of the District determines that the aggregate water use by all customers exceeds 50% of the amount of water used by all customers for the same or a similar period during a normal year at least 12 months prior. The General Manager of the District may at any time and without prior notice temporarily prohibit the use of sprinklers in part of or the entire water system if in his judgment such use may reduce the District's water supplies below levels adequate for human consumption, sanitation and fire protection purposes. The District reserves the right to check the water use of any customer and if such use exceeds 50% of the use by the same customer or account for the same or a corresponding period during a normal year at least 12 months prior or if sprinkled water is used in a wasteful manner, the General Manager may prohibit sprinkling by that customer.~~

Section 10. Drought Surcharge

In the event a mandatory reduction in water use is triggered under the District's Water Shortage Contingency Plan for the West Marin Service Area, a Drought Surcharge will be implemented simultaneous with enactment of the mandatory stage. The Drought Surcharge will serve to mitigate the revenue loss resulting from a reduction in water use, as well as to offset the cost for water purchased from Marin Municipal Water District (MMWD) under the Interconnection Agreement between North Marin Water District and MMWD triggered by dry year conditions. The Drought Surcharge shall be a quantity charge for each 1,000 gallons as specified in District Regulation 54.

* * * * *

I hereby certify that the foregoing is a true and complete copy of an ordinance duly and regularly adopted by the Board of Directors of North Marin Water District at a regular meeting thereof held on _____ by the following vote:

- AYES: Directors
- NOES:
- ABSENT:

ABSTAINED:

(SEAL)

Secretary
North Marin Water District

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WATER CODE

§ 31026. Emergency water restrictions

A district shall have the power to restrict the use of district water during any emergency caused by drought, or other threatened or existing water shortage, and to prohibit the wastage of district water or the use of district water during such periods, for any purpose other than household uses or such other restricted uses as may be determined to be necessary by the district and may prohibit use of such water during such periods for specific uses which the district may from time to time find to be nonessential. (*Added by Stats.1951, c. 622, p. 1799, § 1, eff. May 24, 1951.*)

7

MEMORANDUM

To: Board of Directors
Chris DeGabriele, General Manager

From: Katie Young, District Secretary and Records Retention Manager

Subject: Records Retention Program – Destruction of Records
t:\gm\admin secty\record retention\2013\board memo 0413.doc

March 27, 2014

RECOMMENDED ACTION: Approve Destruction of Records

FINANCIAL IMPACT: \$400 for document shredding

The District's Policy for the Retention of Documents and Destruction of Specified Documents was approved by the Board in 2002 and revised in 2003. The Policy states that once a year, on or about April 21, the documents designated as eligible will be destroyed in an appropriate manner. This year, destruction of records is scheduled for April 25, 2014. Board and staff are invited to bring in personal records for shredding at a cost of \$7 per box.

Attached is a proposed resolution for the Board to approve the destruction of certain records for this year. Exhibit A of the proposed resolution is the Request for Destruction of Records forms for documents to be eliminated. The lists of files to be destroyed have been reviewed and approved by: (1) Department Head, (2) Records Retention Manager, (3) Auditor-Controller and (4) General Manager.

RECOMMENDATION

Approve resolution authorizing the Destruction of Certain Records on or about April 21, 2014 in the manner consistent with District Policy.

Approved by GM CDDate 3/27/2014

RESOLUTION 14-XX

**RESOLUTION OF THE BOARD OF DIRECTORS OF
NORTH MARIN WATER DISTRICT TO
APPROVE DESTRUCTION OF CERTAIN RECORDS**

WHEREAS, California Government Code §60200, et seq., authorizes the legislative body of a district to authorize the destruction of certain documents without retaining copies and authorizes the destruction of documents not expressly required by law to be maintained, if conditions are complied with as specified in Government Code §60203, and

WHEREAS, The Board of Directors of the North Marin Water District adopted Resolution 02-20 on June 4, 2002 establishing a policy for retention of documents and destruction of specified documents, and

WHEREAS, revisions to said policy was approved by the Board of Directors on July 15, 2003, and

WHEREAS, the Request for Destruction of Record forms describing the document or documents to be destroyed, with the written approval of the District's Department Heads, Records Retention Manager, Auditor-Controller and General Manager appearing thereon, is attached as Exhibit A.

NOW, THEREFORE, be it resolved by the Board of Directors of the North Marin Water District, that the records described in Exhibit A attached are hereby approved for destruction on or about April 21, 2014 in an appropriate manner.

* * * * *

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 first day of April 2014 by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

(SEAL)

Katie Young
District Secretary

**NORTH MARIN WATER DISTRICT RECORDS RETENTION
REQUEST FOR DESTRUCTION OF RECORDS**

Retention periods for the listed records have expired. Please indicate your approval by signing where indicated. If you disapprove for any reason, mark through the record, initial and state reason for disapproval.

Box No. or Dept.	RECORD NAME	DATE RANGE		NMWD Retention Period
		From	To	
	Shut Off List	1/12	12/12	CY +1
	Collection Reports	01/00	12/07	CY +4
	Payment Stubs	12/31/08	7/13/09	CY +4
	2009 Billing Register		2009	CY +4
	Posted Payments Report	01/09	04/09	CY + 4
	Posted Payments Report	05/09	08/09	CY + 4
	Posted Payments Reports	09/09	12/09	CY + 4
	Payment Stubs	07/14/09	12/27/09	CY + 4
	2010 Deposit Slips (Duplicates)		2010	CY + 3
	2010 Encoding Tapes		2010	CY + 3
	2010 Complaint Reports		2010	CY + 3
	2009 Cycle 5-7 meter edits		2009	CY + 4
	2009 Cycle 1-4 meter edits		2009	CY + 4
	2009 Cycle 8 meter edits		2009	CY + 4
	2009 Old Close List		2009	CY + 4
	2009 Closing Bill Register		2009	CY + 4
	2009 Monthly Closing Reports		2009	CY + 4
	2009 Sewer Register		2009	CY + 4
	2009 Cash Receipt Book	07/07/09	12/14/09	CY + 4
	2009 APS Correction (Bank Draft Correction)		2009	CY + 4
	2009 Bill Adjustments		2009	CY +4

Request prepared by: Katie Young	Date: 03/17/14
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DESTRUCTION APPROVALS SIGNATURES

Department Head 	Date Approved 3/20/14
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Auditor-Controller 	Date Approved 3/20/14
---	--------------------------

Records Retention Manager 	Date Approved 3/20/14
--	--------------------------

General Manager 	Date Approved 3/20/2014
---	----------------------------

BOD Meeting Approval
Date: _____

Certificate of Destruction completed:
Date: _____ No. _____ By: _____

SUGGESTED METHOD OF DESTRUCTION

X Shredding Other _____
 Waste Paper (Recycled) Note: Confidential records will be destroyed by shredding

**NORTH MARIN WATER DISTRICT RECORDS RETENTION
REQUEST FOR DESTRUCTION OF RECORDS**

Retention periods for the listed records have expired. Please indicate your approval by signing where indicated. If you disapprove for any reason, mark through the record, initial and state reason for disapproval.

Box No. or Dept.	RECORD NAME	DATE RANGE		NMWD Retention Period
		From	To	
	2009 Pass Thru Reports		2009	CY + 4
	2009 Returned Checks		2009	CY + 4
	2008 New Service Lising		2009	CY + 5
	2009 Corrected Bills		2009	CY + 4
	2009 Bankruptcy Notices		2009	CY + 4
	Consumer Applications (In & Out)		2009	CY + 4
	Customer Service Questionnaires		2011	CY + 1
	Water Load Permits		2011	CY + 1
	Fee Adjustments		2009	CY + 4
	Notification Log from NPD		2011	CY + 1
	Hydrant Meter Application		2010	CY + 3
	Service Orders (Yellow Tags) N-Z		2009	CY + 4
	Service Orders (Yellow Tags) A-M		2009	CY + 4
	Backflow Charges		2010	CY + 3
	Bills Over 100		2012	CY + 1
	New Customer List		2012	CY + 1
	Customer Correspondence		2010	CY + 3
	Returned Checks		2010	CY + 3
	Closed APS		2011	CY + 2
	2011 Cash Register Tapes		2011	CY + 2
	2010 Backflow Charges Information		2010	CY + 3

Request prepared by: Katie Young	Date: 03/17/14
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DESTRUCTION APPROVALS SIGNATURES

Department Head 	Date Approved 3/20/14
Auditor-Controller 	Date Approved 3/20/14
Records Retention Manager 	Date Approved 3/20/14
General Manager 	Date Approved 3/20/2014

BOD Meeting Approval
Date: _____

Certificate of Destruction completed:
Date: _____ No. _____ By: _____

SUGGESTED METHOD OF DESTRUCTION

Shredding Other _____
Waste Paper (Recycled) Note: Confidential records will
be destroyed by shredding


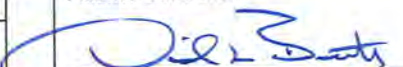

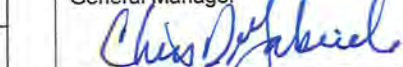
**NORTH MARIN WATER DISTRICT RECORDS RETENTION
REQUEST FOR DESTRUCTION OF RECORDS**

Retention periods for the listed records have expired. Please indicate your approval by signing where indicated. If you disapprove for any reason, mark through the record, initial and state reason for disapproval.

Box No. or Dept.	RECORD NAME	DATE RANGE		NMWD Retention Period
		From	To	
	Master Journal		2007	CY + 6
	Employee Timesheets	01/07	12/07	CY + 6
	Daily OH Allocations	3/21/07	11/09/07	CY + 6
	Cash Receipts Journals	11/21/07	4/29/08	CY + 4
	A/R Sales Journals	7/21/07	4/21/08	CY + 4
	Vision Plan Reimbursement	07/01/05	06/30/07	CY + 6
	Direct Deposit Register	3/31/06	6/30/07	CY + 6
	A/P Check Requests			CY + 6
	Benefit Accrual Report	01/15/07	12/15/08	CY + 4
	WIP Posting Register	10/15/07	12/31/08	CY + 4
	AP Master Journal			CY + 6
	A/R Cash Receipts Journal	05/01/08	07/19/09	CY + 4
	G/L Transaction Journal Entries	01/01/07	7/21/09	CY + 4
	AP Invoice Registers	06/01/08	11/02/09	CY + 4
	AP Check Register	3/1/06	7/5/07	CY + 6
	Cancelled Check Copies	10/01/08	12/31/09	CY + 4
	Posting Registers	4/1/09	7/2/09	CY + 4
	Posting Registers	06/19/08	3/31/09	CY + 4
	Job Cost	07/01/08	01/07/09	CY + 4
	Job Cost	01/08/09	07/02/09	CY + 4
	Posting Registers	01/07	06/07	CY + 6

Request prepared by: Katie Young
Date: 03/17/14

DESTRUCTION APPROVALS SIGNATURES


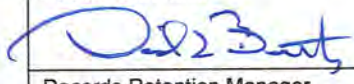

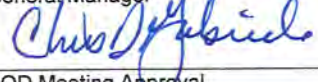
Department Head	Date Approved
	3/20/14
Auditor-Controller	Date Approved
	3/20/14
Records Retention Manager	Date Approved
	3/20/14
General Manager	Date Approved
	3/20/2014
BOD Meeting Approval	
Date: _____	
Certificate of Destruction completed:	
Date: _____ No. _____ By: _____	
SUGGESTED METHOD OF DESTRUCTION	
<input checked="" type="checkbox"/> Shredding	<input type="checkbox"/> Other _____
Waste Paper (Recycled)	Note: Confidential records will be destroyed by shredding

**NORTH MARIN WATER DISTRICT RECORDS RETENTION
REQUEST FOR DESTRUCTION OF RECORDS**

Retention periods for the listed records have expired. Please indicate your approval by signing where indicated. If you disapprove for any reason, mark through the record, initial and state reason for disapproval.

Box No. or Dept.	RECORD NAME	DATE RANGE		NMWD Retention Period
		From	To	
	Vehicle Timesheets	07/01/08	12/31/09	CY + 4
	A/R Sales Journal	05/08	09/09	CY + 4
	Cash-Wire Transfer	07/05	3/12/08	CY + 4
	Daily Cash Reports	1/1/07	12/31/09	CY + 4
	Cash Receipts Journal	07/20/09	3/8/10	CY + 3
	Payroll Posting Registers	07/15/08	12/15/09	CY + 4
	Payroll Tax Forms		2005	CY + 6
	NMWD Cafeteria Plan Agreement	01/09	12/31/09	CY + 3

Request prepared by: Katie Young	Date: 03/17/14
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DESTRUCTION APPROVALS SIGNATURES	
Department Head 	Date Approved 3/20/14
Auditor-Controller 	Date Approved 3/20/14
Records Retention Manager 	Date Approved 3/20/14
General Manager 	Date Approved 3/20/2014
BOD Meeting Approval Date: _____	
Certificate of Destruction completed: Date: _____ No. _____ By: _____	
SUGGESTED METHOD OF DESTRUCTION	
X Shredding Waste Paper (Recycled)	<input type="checkbox"/> Other _____ Note: Confidential records will be destroyed by shredding

8

MEMORANDUM

To: Board of Directors

March 27, 2014

From: Ryan Grisso, Water Conservation Coordinator *RB*

Subject: Approve Text for West Marin's *Water Line*, Volume 11
W:\Memos to Board\Spring 2014 WM WaterLine Text 0314.doc

RECOMMENDED ACTION: Approve 2014 West Marin "*Water Line*"

FINANCIAL IMPACT: \$2,000 (included in WM FY 2013/2014 Budget)

Text for West Marin's Spring 2014 "*Water Line*", Volume 11 (Attached), is enclosed for your review and approval. This issue has an expanded message to include information regarding dry year conditions on Lagunitas Creek and the Emergency Water Conservation Ordinance requirements. Should any Board member have individual comments please provide them to the General Manager at the Board meeting on April 1, 2014. It is expected the West Marin Spring 2014 "*Water Line*" will be mailed in Mid-April 2014.

RECOMMENDATION

Board authorize the General Manager to approve text and design of West Marin's Spring 2014 "*Water Line*", Volume 11.

Approved by GM *CD*
Date *3/27/2014*



NORTH MARIN
WATER DISTRICT

THE WATER LINE

WEST MARIN'S WATER CONSERVATION NEWSLETTER • VOLUME 11 • SPRING 2014

It's A Drought – Save Water!

Dry year conditions exist on Lagunitas Creek

Water supplied by North Marin Water District (NMWD) to our West Marin customers is diverted from shallow wells adjacent to Lagunitas Creek near the U.S. Coast Guard Housing Facility in Point Reyes Station. The State Water Resources Control Board (SWRCB) has determined that Lagunitas Creek is fully appropriated in summer months of dry years and has ordered NMWD to find an alternative source of water during July through October of dry years. (A dry year occurs when total precipitation from October 1 to April 1 is less than 28 inches measured at Marin Municipal Water District's Kent Lake). NMWD has complied by purchasing a portion of the more senior Giacomini Ranch water right to use during those periods.

Rainfall at Kent Lake through April 1, 2014 totals just under 28 inches. Dry year conditions are in place on Lagunitas Creek. This is the first dry year since Water Right Order 95-17 was adopted by the SWRCB in October 1995. Pursuant to the order, Lagunitas Creek flows are currently

being maintained by Marin Municipal Water District at the regulated threshold of 14cfs (cubic feet per second, or about 6,300 gallons per minute) and will drop to 10cfs on May 1st and to 6cfs on June 16th. This will be the first summer in which NMWD has operated the West



Marin Water System with such low creek flows and without the Giacomini Ranch summer dam to prevent salinity intrusion into the water supply.

A public hearing was held on April 1st where **the Board of Directors declared a water shortage emergency in NMWD's West Marin Service Area**, the West Marin Water Shortage Contingency Plan was enacted and an Emergency

Water Conservation Ordinance was adopted. **From April 1 through June 30**, customers are asked to **voluntarily reduce water consumption by 15%** compared to the same billing period last year. Beginning **on July 1**, a **mandatory 25% reduction in water use will be in place**. Customers using less than 200gpd (gallons per day) are already in compliance, but are requested to conserve more if possible. Customers using more than 200gpd may be subject to a **"drought surcharge"** which **will be considered at a public hearing in the Point Reyes Station Dance Palace on June 24th**. You can see your water use history and target to reduce 25% by visiting the NMWD website www.nmwd.com, select the YOUR ACCOUNT tab and click on Account Balance & Consumption.

NMWD customers are encouraged to use water efficiently during this drought period, reduce outdoor irrigation and participate in NMWD Water Use Efficiency Programs described in this Well Spring and at www.nmwd.com.

Smart move.

NORTH MARIN
WATER DISTRICT

Water Smart Savings Program

Call (415) 761-8943 for program details or visit 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) 761-8943 for program details or visit www.nmwd.com.



High-Efficiency Toilet Rebate

Don't flush money away. Now you can get a rebate when you replace your non-water-conserving toilets with a High-Efficiency Toilet (HET). HETs use 20% less water than standard ultra-low flush toilets, so not only will you save water, but you'll save money, too. HETs eligible for rebate must be EPA WaterSense models. Call for rebate values and participation details or visit www.nmwd.com.



High-Efficiency Clothes Washer Rebate Program

High Efficiency clothes washers can save up to 50% of the water used and 65% of the energy used compared to conventional top-loading clothes washers. NMWD currently offers a rebate to customers when they purchase a qualifying high-efficiency clothes washer. Call for rebate value and participation details, or visit www.nmwd.com.




999 Rush Creek Place
PO Box 146
Novato, CA 94948
(415) 897-4133

**NORTH MARIN
WATER DISTRICT**

www.nmwd.com

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PAID
STRAHMCOM

 Printed on Recycled Paper



Water Smart Landscape Efficiency Rebate

Water efficient landscapes can be achieved through a number of strategies including efficient irrigation devices and equipment, and soil maintenance.

You may be eligible for rebates (call for rebate amounts and participation details or visit www.nmwd.com) when you install District-qualified water-efficient landscape equipment including:

- Drip irrigation systems
- Weather Based Irrigation Controllers
- Check valves
- Multi-stream rotating sprinkler nozzles (for lawn areas only)
- Rain shut-off devices
- Mulch
- Water pressure-regulating device
- Soil conditioner/amendment



Cash for Grass

As part of the Water Smart Savings Program, you can get cash back when you remove your regularly mowed and irrigated lawn and re-landscape with California native low-water use plants or District approved synthetic turf. Pre-inspection and re-landscaping plan approval required. Call for rebate values and complete program participation details or visit www.nmwd.com.

Rainwater Harvesting and Graywater Rebate

Now is the perfect time to install a rainwater harvesting system, and District rebates may be available. Rainwater harvesting is the collection and storage of rainwater for reuse in landscape irrigation. Systems can range from simple catchment devices, such as rain barrels, to more complex systems, such as cisterns or storage tanks. Rebates are also available for greywater system installations. Pre-inspection and plan approval required. Call for participation details and rebate values.



9

MEMORANDUM

To: Board of Directors
From: David L. Bentley, Auditor-Controller
Subj: Rate Increase Letter to Novato Customers
t:\aclword\budget\15\2014 prop 218 ltr cover memo.docx

March 27, 2014

RECOMMENDED ACTION: Approve Letter to Customers

FINANCIAL IMPACT: \$9,200

California law requires that customers be notified of a water rate increase at least 45 days prior to the public hearing where the Board considers adoption of said increase. A public hearing is scheduled for Tuesday, May 20, 2014 at 7:30 PM at the District office. The May 20 date requires that the letters be mailed by April 5, 2014. The letter will be printed by Strahm Communication and postage, stationary and copying cost for the 18,250 active customers will be approximately \$9,200.

The proposed commodity rate increase for Novato customers is 6.5%. No increase is proposed for the bimonthly service charge component of the water bill. The combination of the commodity rate and bimonthly service charge is estimated to increase water revenue by 5%.

The percentage increase for each customer will vary based upon their individual water use. The median single-family residential customer will see a \$2.50 per month increase (\$5 bimonthly) on their average bill. The Rate-Increase Model on the District's website allows each customer to see the impact of the proposed increase on their annual water cost based upon their water use over the past 12 months.

In addition, independent of the proposed rate increase discussed above, enactment of a drought surcharge will be considered at the hearing. The drought surcharge would be a component of the District's Water Shortage Contingency Plan, and is designed to mitigate both the revenue loss and the additional purchased water cost incurred during a period of mandatory water use restrictions.

A draft of the proposed letter is attached for Board review and comment. Legal counsel is reviewing the letter to assure compliance with Prop 218. Staff will have legal counsel comments available at the meeting.

RECOMMENDATION:

Approve mailing the rate increase letter to customers.

April 4, 2014

Re: Notice of Proposed Water Rate Increase

Dear Customer:

The North Marin Water District's mission is to provide an adequate supply of safe, reliable and high-quality water to our customers at reasonable cost consistent with good conservation practices and minimum environmental impact. To fulfill this mission, NMWD must generate revenue sufficient to cover its cost of operations.

Accordingly, the North Marin Water District is proposing an increase in the cost of water which averages 5% for the typical Novato residential customer effective June 1 of 2014. This letter provides details on the need for the increase and information about the public hearing where public comment will be taken prior to a vote on the proposed water rate increase by the District Board of Directors.

REASON FOR THE PROPOSED INCREASE

Higher Water Cost: The Sonoma County Water Agency (SCWA), which provides 80% of Novato's water supply, is increasing the rate it charges NMWD for Russian River water by 3.4% effective July 1, 2014. In addition, chemical and power costs to operate the Stafford Water Treatment Plant, which supplies 20% of Novato's water supply, continue to rise.

Water System Infrastructure Maintenance: The Novato water system includes 315 miles of pipeline, 37 million gallons of finished water storage distributed across 31 tanks, 27 pump stations, 16 pressure regulating stations, over 2,600 fire hydrants and a multitude of valves, all of which require ongoing maintenance. The District is now 66 years old, and much of the pipeline installed in the early years is nearing the end of its useful life and must be replaced. To maintain our finished water storage facilities, a \$2.3 million project to recoat the 5-million gallon Atherton Tank, constructed in 1973, is planned for the coming fiscal year.

RATE COMPARISON

NMWD's rates remain reasonable. You can assess this for yourself by comparing NMWD's cost of water service to 16 counterpart Bay Area water agencies (see Urban Area Water Cost Comparison on page 5 of this letter). The comparison shows that the typical cost of service for a Novato single-family residence remains below the median of our counterpart agencies.

PROPOSED RATE INCREASE

A table showing the existing rates and charges, and the amounts proposed, is included on page 4 of this letter.

Residential Accounts: It is proposed that a commodity rate increase of 6.5% for all water used be implemented effective June 1, 2014. No increase in the bimonthly service charge is proposed. For the typical Novato single-family residence, the proposed increase in the total cost of water (commodity charge plus bimonthly service charge) is 5%. The proposed increase would add \$2.50 per month (\$5 per bimonthly bill) to the cost of water for a typical single-family residence beginning June 2014.

You can determine the increase in your annual water cost based on your personal water use over the past year from our website. Insert your NMWD account number and the name on your account into the Rate-Increase Model on NMWD's website at <http://www.nmwd.com/accountbalance.php>.

Non-Residential Accounts (Commercial, Institutional & Irrigation): It is proposed that an increase in the commodity rate of 6.5% for all water used be implemented effective June 1, 2014. No increase in the bimonthly service charge is proposed. The increase for non-residential customers will vary based upon water use. In Novato the median non-residential account uses more water than the median residential account, and would therefore see an increase in the total cost of water (commodity charge plus bimonthly service charge) of 6%. You can determine the increase in your annual water cost based on your consumption over the past year from our website. Insert your NMWD account number and name on your account into the Rate-Increase Model on NMWD's website at <http://www.nmwd.com/accountbalance.php>.

PROPOSED DROUGHT SURCHARGE

At the Water Rate Hearing the Board will consider, as a separate matter, the adoption of a Drought Surcharge to be implemented only in the event of mandatory water use restrictions. MANDATORY WATER USE RESTRICTIONS ARE NOT ANTICIPATED IN 2014. The NMWD Water Shortage Contingency Plan includes provisions for a Drought Surcharge which would serve to mitigate both the revenue loss incurred during a drought, as well as the 50% surcharge required for summer purchases of Russian River water during declared shortages pursuant to the Agreement for Water Supply between SCWA and NMWD.

The proposal is to add a surcharge of \$1.00 per thousand gallons for all water used. Residential customers who already do an admirable job of conserving water would be exempt, as the Drought Surcharge would apply only to use exceeding 300 gallons per day.

The proposed Drought Surcharge would be temporary and would be implemented concurrent with mandatory water use restrictions, and terminated when mandatory use restrictions end. The Drought Surcharge is proposed to be adopted in 2014 to

avoid delay when a drought occurs in a future year. The concern is that adding the legally required 45-day delay to the District's existing 2-month billing cycle could defer the intended conservation signal beyond the summer peak demand period.

For the typical single-family residence, the proposed surcharge would add \$16 annually (\$2.67 per bimonthly bill) to the water bill, assuming no reduction in water use. If the typical single-family residence reduced water use by 20%, there would be no increase in cost. The proposed surcharge would add \$163 annually to the median non-residential account (assuming the mandatory use restriction remained in effect for an entire year), and if the non-residential account reduced consumption by 20%, the surcharge would add \$130 per year.

WATER RATE PUBLIC HEARING

A public hearing will be held at the NMWD office (999 Rush Creek Place, Novato) at 7:30 p.m. on Tuesday, May 20, 2014, to consider enactment of an increase averaging 5% effective June 1, 2014, and, in addition, to consider adoption of a Drought Surcharge to be implemented in the event a mandatory reduction in water use is declared.

HOW TO PARTICIPATE

You are invited to present oral or written testimony on the proposal at the public hearing. You have the right to protest this proposed rate increase. If you do, you must submit your protest in writing, even if you plan to attend the public hearing. If written protests are submitted by a majority of the affected property owners or customers, the proposed increases will not be imposed.

Your written protest must be received prior to the close of the May 20, 2014 public hearing. Written protests must be signed by the property owner or customer of record and must include a description of the parcel (parcel number) or NMWD account number. Send or deliver written protests to:

District Secretary
North Marin Water District
PO Box 146
Novato, CA 94948

For more information visit NMWD's website at www.nmwd.com or call the District Secretary at (415) 897-4133.

Sincerely,



Chris DeGabriele
General Manager

NOVATO WATER CHARGES

	<u>Existing</u>	<u>Proposed</u>	<u>%</u>
	<u>6/1/13</u>	<u>6/1/14</u>	<u>Increase</u>
A BI-MONTHLY SERVICE CHARGE OF:			
STANDARD 5/8-INCH METER	\$30.00	\$30.00	0.0%
1 -inch residential meter for fire sprinklers	\$34.00	\$34.00	0.0%
1 -inch meter	\$60.00	\$60.00	0.0%
1.5 -inch meter	\$73.00	\$73.00	0.0%
2 -inch meter	\$114.00	\$114.00	0.0%
3 -inch meter	\$227.00	\$227.00	0.0%
4 -inch meter	\$364.00	\$364.00	0.0%
6 -inch meter	\$761.00	\$761.00	0.0%
8 -inch meter	\$1,134.00	\$1,134.00	0.0%
PLUS A QUANTITY RATE OF:			
<u>Residential rate for each 1,000 gallons</u>	<u>Rate</u>	<u>Rate</u>	
First 615 gallons per day	\$4.03	\$4.29	6.5%
616 - 1,845 gallons per day	\$6.42	\$6.84	6.5%
Use in excess of 1,845 gallons per day.....	\$11.17	\$11.90	6.5%
<u>Rate for each 1,000 gallons for all other potable water accounts</u>			
Commercial, institutional & irrigation accounts - 11/1-5/31	\$4.44	\$4.73	6.5%
Commercial, institutional & irrigation accounts - 6/1-10/31	\$4.77	\$5.08	6.5%
<u>Rate for each 1,000 gallons for non-potable water</u>			
Recycled Water	\$4.44	\$4.73	6.5%
Raw (Untreated) Water	\$1.83	\$1.95	6.5%
PLUS AN ELEVATION ZONE RATE FOR EACH 1,000 GALLONS OF:			
<u>Zone</u> <u>Elevation</u>	<u>Rate</u>	<u>Rate</u>	
A 0 through 60 feet.....	\$0.00	\$0.00	-
B 60 feet - 200 feet.....	\$0.48	\$0.51	6.5%
C 200 feet +.....	\$1.54	\$1.64	6.5%
d. Hydrants or Temporary Service.....	\$6.31	\$6.72	6.5%

DROUGHT SURCHARGE

In the event a mandatory reduction in water use is triggered under the District's Water Shortage Contingency Plan for the Greater Novato Area, a Drought Surcharge will be implemented simultaneous with enactment of the mandatory stage. The Drought Surcharge will serve to mitigate the revenue loss resulting from a reduction in water use, as well as the liquidated damages assessed by the Sonoma County Water Agency pursuant to the Water Shortage and Apportionment Provision of the Restructured Agreement for Water Supply.

The Drought Surcharge shall be a quantity charge for each 1,000 gallons as follows:

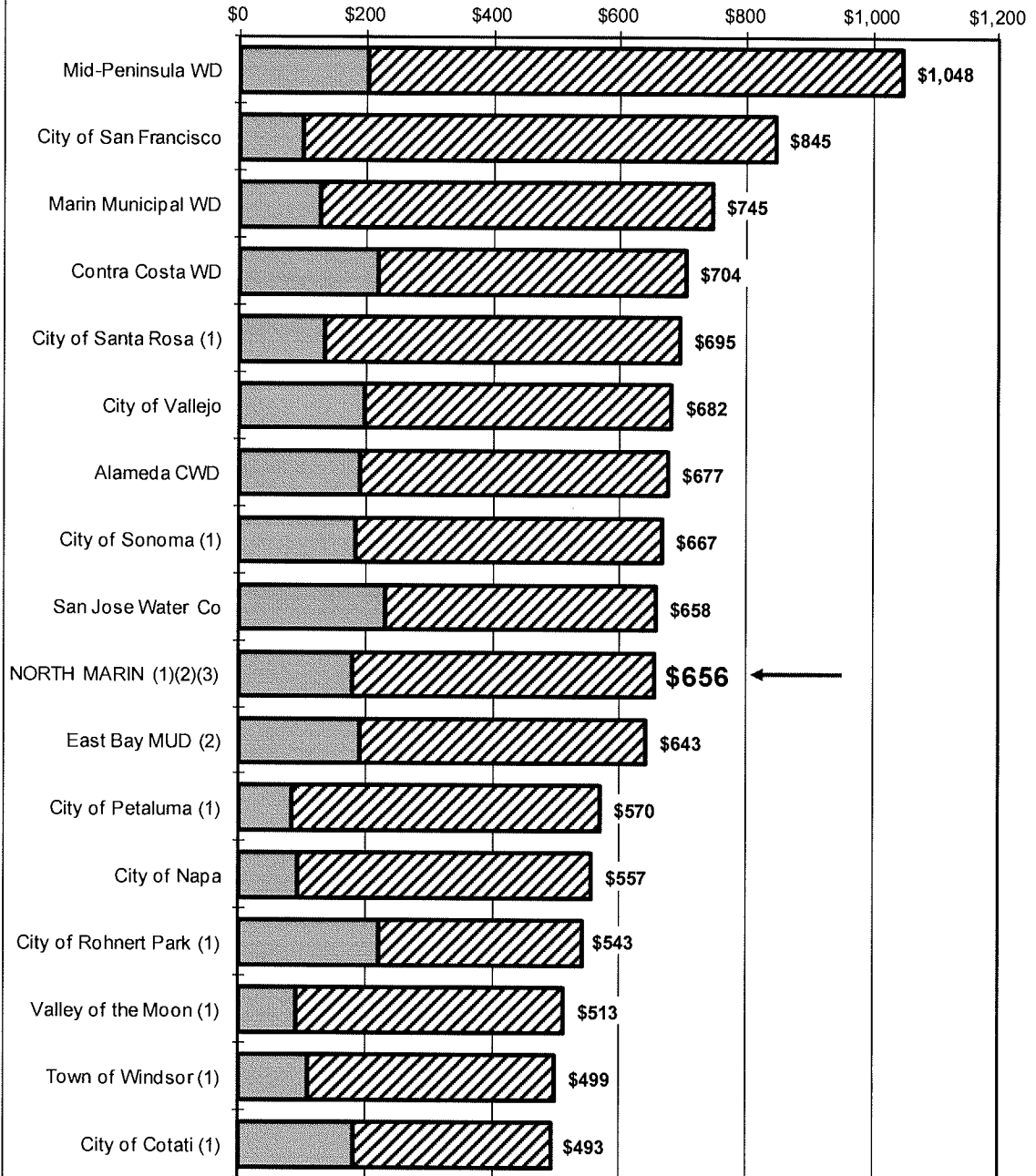
Residential Accounts: Use in excess of 300 gallons per day.....	\$1.00
Commercial, Institutional and Irrigation Accounts: All Use.....	\$1.00

2/14/14

t:\excel\rate survey\urban14.xlsx\table

2014 URBAN AREA TOTAL ANNUAL WATER COST COMPARISON

Typical Detached Single-Family Home Annual Consumption = 107,600 Gallons



LEGEND

■ Service ■ Commodity

(1) Sonoma County Water Agency Prime Contractor.
 (2) Based on weighted average commodity charge - all zones.
 (3) Excludes West Marin rates and charges.

10

MEMORANDUM

To: Board of Directors
From: Robert Clark, Operations / Maintenance Superintendent
Subject: Phillips & Associates Contract Termination
x:\maint sup\2014\bod\2014 p&a om.doc

March 27, 2014

RECOMMENDED ACTION: Information

FINANCIAL IMPACT: None

Over the past five years, NMWD has contracted with Phillips and Associates (P&A) to provide Operations and Maintenance support for the Oceana Marin Sewer facilities. This contract was entered into with the expectations that the facilities' maintenance duties would be similar to those that NMWD staff had become accustomed to performing on their own. During the first year of the contract, NMWD staff trained P&A staff on electrical-mechanical specific maintenance tasks and, for the next few years, the facilities were maintained in an acceptable manner. While P&A staff has performed the operational tasks of running the sewer system in a professional manner, there have been ongoing issues with the timeliness of monthly report submittals, control of total dissolved solids in the storage pond, prompt care and maintenance of the facilities, but most importantly P&A's emergency response time is just too long (over 2 hours).

The five-year contract period expired in June 2013, and staff requested at that time that the Board approve a six-month contract extension to allow NMWD staff to develop an amended contract with P&A. Staff reviewed the outstanding issues and worked with P&A staff to address modifications to the contract specifications for work. NMWD staff drafted an alternative scope of work and initially determined that the NMWD would be taking on more of the maintenance program and emergency response at the Oceana Marin sewer facilities. It was further discussed that if there were no appreciable financial benefit from having P&A monitor the weekly operations, the NMWD would also assume those duties.

NMWD staff has now determined that in fact there would be no appreciable financial benefit from P&A continuing to monitor the weekly operations. Staff has consulted the legal counsel about the original contract language in order to properly address the contract termination. It was determined that because P&A has been working on a month-to-month basis, a letter to acknowledge the termination would be sufficient. The attached letter was sent to P&A on February 26, 2014.



**NORTH MARIN
WATER DISTRICT**

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

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February 26, 2014

Phillips & Associates
Management & Technical Resources
Attn: Gary Phillips
2201 Jefferson Street
Napa, CA 94558

Re: Annual Renewal of Contract Operator Registration
Oceana Marin Wastewater Treatment Facility

Dear Mr. Phillips:

Over the past few months, the North Marin Water District (District) staff has reviewed the operation and maintenance of the Oceana Marin Wastewater Treatment Facilities (OMWWTF) at Oceana Marin with the goal of improving how these facilities are being maintained. The Agreement for Operation and Maintenance of the OMWWTF with Phillips and Associates expired on December 31, 2013. District staff reviewed the Agreement specifications with Phillips and Associates' principal partners, drafted an Alternative Scope of Work and initially determined that the District would be taking on more of the maintenance program and emergency response at the OMWWTF. It was further discussed that if there were no appreciable financial benefit from having Phillips and Associates monitor the weekly operations, the District would also assume those duties. The District has now determined that there would be no appreciable financial benefit from Phillips and Associates' continuing to monitor the weekly operations.

Therefore, it is the District's decision to assume complete responsibility for the operations of the Oceana Marin sewer system effective April 1, 2014.

Sincerely,

Robert Clark
Operations/Maintenance Superintendent

X:\MAINT SUP\2014\Ltr to PA Re Termination of Contract 022514_final.doc

11



**WATER ADVISORY COMMITTEE
AND
TECHNICAL ADVISORY COMMITTEE**

MONDAY: APRIL 7, 2014

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

9:00 a.m. Note location

This is a combined WAC and TAC meeting.

1. Check In
2. Public Comment
3. Recap from the February 3, 2014 WAC/TAC Meeting and Approval of Minutes
4. Recap from the March 3, 2014 TAC Meeting and Approval of Minutes
5. Water Supply Coordination Council
6. Water Supply Conditions and Temporary Urgency Change Order (including a report on SMSWP Drought Drive Up Day)
7. Approve FY 2014/15 SCWA Budget
8. Accept SCWA Water Shortage Allocation Methodology Update
9. Biological Opinion Status Update
10. Integrated Regional Water Management Plan(s) Update
11. Items for Next Agenda
12. Check Out

Draft Minutes of Technical Advisory Committee
35 Stony Point Road, Santa Rosa, California
March 3, 2014

Attendees: Rocky Vogler, City of Santa Rosa
Linda Reed, City of Santa Rosa
Linda Hall, City of Santa Rosa
Kimberly Zunino, City of Santa Rosa
Elise Howard, City of Santa Rosa
Toni Bertolero, Town of Windsor
Dan Muelrath, Valley of the Moon Water District
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
Mike Ban, Marin Municipal Water District
Jay Jasperse, SCWA
Pam Jeanne, SCWA
Mike Thompson, SCWA
Lynne Roselli, SCWA
Don Seymour, SCWA
Ann DuBay, SCWA

Public Attendees: Brenda Adelman, RRWPC
David Keller, FOER
Dietrich Stroeh, Stuber-Stroeh Engineering Group
Dawna Gallagher Stroeh, SRBPGW, Clean Water Sonoma Marin
Colleen Fernald
Margaret DiGenova, California American Water
Bob Anderson, United Wine Growers
Bob Rawson
John Rosenblum

1. Check-in

Chair Chris DeGabriele called the meeting to order at 9:06a.m.

2. Public Comment

Colleen Fernald spoke about wastewater contents. She referred to the article in the SF Chronicle of March 3 by Lauren E. Oakes and Save Water Drink Wine advertisement for Boeger Winery in Placerville in the March 2 SF Chronicle.

3. TAC Recommendation re: 2014 SCWA Water Shortage Allocation Methodology Update

Chris DeGabriele reviewed the recommendation and asked that the TAC accept the model and advise the WAC to also accept the methodology update. Discussion followed and concerns were expressed by Leonard Olive, City of Petaluma, regarding demand hardening and ^{daily} per capita per day use. He recommended more investigation of Petaluma concerns regarding "water centric" industries such as breweries and creameries, and to approve the model on an interim basis now with clarifications/ changes to be made before final acceptance. Toni Bertolero, Town of Windsor, suggests using the Urban Water Management consultant to analyze demand hardening over the next year. Moved by Toni Bertolero, Town of Windsor, to accept the

methodology for a period of 7 months with an automatic extension thru June 2016 wherein Petaluma's concerns will be investigated, seconded by Leonard Olive, City of Petaluma; motion passed. Brenda Adelman expressed concerns that the public does not understand the methodology. At the next WAC/TAC meeting a report will be given to the WAC by the TAC explaining the 7 month plan and the extension to accept a revised allocation methodology.

4. Water Supply Conditions and Temporary Urgency Change Petition

Pam Jeane, SCWA, reported that Lake Mendocino is at 40% capacity and Lake Sonoma is at 70% capacity. We are still in a critical condition. The storage condition will be checked twice a month to determine in-stream flows. Water demand is down due to the rain which helps with retaining storage in the lakes.

5. Biological Opinion Status Update

Pam Jeane, SCWA, reviewed the Biological Opinion Status Update distributed to meeting attendees. Planting is being done to take advantage of the rain at the Dry Creek demonstration project. Preliminary work and meetings with land owners are taking place for miles two and three of the project. Coho have been counted at Mirabel. Bids are out for the fish ladder and screen project. The project is slated to start in June. Estuary work can be done on the jetty this week with the issuance of permits. There will be public meetings to discuss the jetty and creek projects. Questions followed from the public.

6. Items for Next Agenda

April 7 Special WAC/TAC

Approve the Agency budget for 2014-15
Approve Allocation Methodology Update
Biological Opinion Status Update
Water Supply Conditions and Temporary Urgency Change Petition

7. Check Out

Next Special WAC/TAC meeting is April 7
Next WAC/TAC meeting is May 5

Meeting adjourned at 9:58a.m.

Draft Minutes of Water Advisory Committee and Technical Advisory Committee
35 Stony Point Road, Santa Rosa, California
February 3, 2014

Attendees: Erin Carlstrom, City of Santa Rosa
Robin Swinth, City of Santa Rosa
David Guhin, City of Santa Rosa
Linda Reed, City of Santa Rosa
Kimberly Zunino, City of Santa Rosa
Rocky Vogler, City of Santa Rosa
Elise Howard, City of Santa Rosa
Linda Hall, City of Santa Rosa
Joe Callinan, City of Rohnert Park
Jake Mackenzie, City of Rohnert Park
John MacArthur, City of Rohnert Park
Mike Healy, City of Petaluma
Dan St. John, City of Petaluma
Leonard Olive, City of Petaluma
Damien O'Bid, City of Cotati
Laurie Gallian, City of Sonoma
Dan Takasugi, City of Sonoma
Dennis Rodoni, North Marin Water District
Drew McIntyre, North Marin Water District
Chris DeGabriele, North Marin Water District
Sam Salmon, Town of Windsor
Toni Bertolero, Town of Windsor
Richard Burt, Town of Windsor
Mark Heneveld, Valley of the Moon Water District
Dan Muelrath, Valley of the Moon Water District
Mike Ban, Marin Municipal Water District
Efren Carrillo, SCWA
Susan Gorin, SCWA
Grant Davis, SCWA
Pam Jeane, SCWA
Mike Thompson, SCWA
Lynne Rosselli, SCWA
Don Seymour, SCWA
Cory O'Donnell, SCWA
Carrie Pollard, SCWA
Mike Gossman, SCWA
Scot Carpenter, SCWA

Public Attendees: Brenda Adelman, RRWPC
Jim Downey
Dietrich Stroeh, Stuber-Stroeh Engineering Group
Dawna Gallagher Stroeh, SRBPGW, Clean Water Sonoma Marin
Paul Selsky, Brown & Caldwell
Jenny Gain, Brown and Caldwell
Bob Anderson, United Wine Growers
Margaret DiGenova, California American Water
Evan Jacobs, California American Water
Shawn Skully
Tom Bowman

1. Check-in
Chair Jake Mackenzie, City of Rohnert Park, called the meeting to order at 9:00a.m. Erin Carlstrom was introduced by Robin Swinth as her replacement to be the WAC representative for the City of Santa Rosa for 2014.
2. Public Comment
Brenda Adelman spoke on the statewide water shortage and the requested 20% water conservation.
3. Election of WAC Chair and Vice Chair
Robin Swinth, City of Santa Rosa, nominated Dennis Rodoni, NMWD as Chair, seconded by Mike Healy, City of Petaluma; unanimously passed. Dennis thanked Jake Mackenzie for all his work on the WAC. Mike Healy was nominated as Vice Chair by Mark Heneveld, Valley of the Moon Water District, seconded by Robin Swinth, City of Santa Rosa; unanimously passed.
4. Recap from November 4, 2013 WAC/TAC Meeting and Approval of Minutes
Moved by Laurie Gallian, City of Sonoma, seconded by Robin Swinth, City of Santa Rosa, to approve the minutes of the November 4, 2013 WAC/TAC meeting as presented; unanimously approved.
5. Recap from January 6, 2014 TAC Meeting and Approval of Minutes
Moved by David Guhin, City of Santa Rosa, seconded by Damien O'Bid, City of Cotati, to approve the minutes of the January 6, 2014 TAC meeting; unanimously approved. Chris DeGabriele thanked Richard Burt for his 10 years of service on the TAC committee and wished him well in retirement.
6. WAC/TAC Meeting Schedule
WAC has accepted the meeting schedule for this year.
7. Water Supply Coordination Council
Water conditions and water supply issues and the proposed resolution were discussed. There is no meeting summary as yet since the WSSC meeting was held on the Friday prior to this WAC meeting.
8. Water Supply Conditions and Temporary Urgency Change Order
Pam Jeane, SCWA, updated the temporary urgency change order petition to manage Lake Mendocino differently than in the past. January 1 the order was approved. Instead of determining the water year based on inflow to Lake Pillsbury it is now determined by Lake Mendocino storage. Lower in-stream flows ~~levels~~ are being released. As of February 1 we are in a critical water supply condition. There are reporting requirements to coordinate and meet with National Fisheries and California Department of Fish and Wild Life. There is a hydrologic report every Friday with storage levels, projected weather, water quality in the Russian River and other factors included. Information is reported to the State Board. Lake Mendocino is at 36% of water supply storage level with 40CFS released and Lake Sonoma is at 65% with 110CFS released. The Hacienda gage minimum flows are 35CFS with 25CFS in the Upper Russian River, and Dry Creek is at 75CFS. The estuary is open right now. On February 6 a recommendation will be considered to stop angling in the Russian River until April. Questions followed.
9. WAC Resolution Supporting SMSWP Efforts and Governor's Declaration to Reduce Water Use
Chris DeGabriele, NMWD, explained the resolution supporting the declaration to reduce

water use. Each entity has a plan for water conservation so in an effort to advocate for a consistent approach to water conservation the resolution was written in line with the Sonoma Marin Saving Water Partnership efforts to conserve water. Comments and questions followed from the committee and the public. Brad Sherwood, SCWA, explained the media effort to educate the public on water conservation at 20% in homes. Moved by Laurie Gallian, City of Sonoma, to support the resolution, seconded by Robin Swinth, City of Santa Rosa; unanimously adopted.

10. ^{4, 5}FY 2013/14 Draft SCWA Budget

Mike Gossman, SCWA, made a PowerPoint presentation of the draft SCWA Water Transmission System budget. Necessary water rate increases will be offset by using \$6.6 million of reserve funds. Moved by Richard Burt, Town of Windsor, seconded by David Guhin, City of Santa Rosa, to recommend approval of the budget by the WAC; unanimously approved by the TAC. A special meeting of the WAC is scheduled for April 7 to consider the budget.

11. Draft Water Shortage Allocation Methodology Update

Don Seymour, SCWA, introduced the presentation by Brown and Caldwell. Paul Selsky and Jenny Gain from Brown and Caldwell gave the PowerPoint presentation explaining the shortage allocation model developed as required by the Restructured Agreement for Water Supply. Questions followed. At the WAC/TAC meeting in April the model will be brought back for consideration.

12. SCWA Water Supply/Transmission System Operations Status

Mike Thompson, SCWA, gave an overview of the status report. Scott Carpenter, SCWA, made the PowerPoint presentation explaining the Oakmont pipe line replacement and the Petaluma Aqueduct repair.

13. Biological Opinion Status Update

Pam Jeane, SCWA, reviewed the Biological Opinion Status Update sent to the members.

14. Integrated Regional Water Management Plan(s) Update

Jake Mackenzie gave the IRWP report for the North Coast. There will be a meeting in Yreka this Friday. Funding will be discussed. SWRCB meeting will be on March 4 in Sacramento. Bay Area IRWP will host a meeting in Petaluma on February 5.

15. Items for next agenda

TAC

Water Supply Conditions and Temporary Urgency Change Petition
Biological Opinion Status Update
TAC Recommendation – SCWA Water Shortage Allocation Methodology Update

WAC/TAC

SCWA Budget Update
Water allocation model
Water supply report

Next TAC meeting is March 3, 2014

Next Special WAC/TAC meeting is April 7, 2014

16. Check Out

Meeting adjourned at 10:55am.

Water Supply Coordination Council

MEETING AGENDA

Thursday, March 27, 2014
9am – 10am
Board Caucus Room

- 1) Review summary of last meeting (January 31, 2014 summary attached)
- 2) April 7 WAC/TAC meeting (draft agenda attached)
- 3) Water Supply
 - a. Water supply conditions
 - b. Temporary Urgency Change Order – Term 17 activities
 - c. Sonoma Marin Saving Water Partnership 20% reduction
 - d. Drought Workshops and Drought Drive-Up Days – Schedule
 - e. Groundwater Update
- 4) Schedule Next Meeting
- 5) Other

*If you need to call in, please contact Jane Gutierrez at 521-6210 or jane.gutierrez@scwa.ca.gov at least 2 days in advance so a phone line can be arranged.

Summary
January 31, 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, Jake MacKenzie, Dennis Rodoni, Grant Davis, Jay Jasperse, David Guhin, Chris DeGabriele

1. Review Summary of Last Meeting (October 18, 2013)

A summary of the October 18, 2013 WSCC meeting was reviewed.

2. February 3rd WAC/TAC meeting

The agenda for the Water Advisory Committee and Technical Advisory Committee scheduled for February 3, 2014 was reviewed.

3. Water Supply


- a. Water Supply Conditions – Grant Davis reported that the Russian River estuary sandbar was breached yesterday. The Agency has received a request from National Marine Fisheries service/CA Fish and Wildlife for a pulse flow release from Lake Sonoma for fish attraction. California Fish and Wildlife Commission is likely to prohibit fishing on the Russian River at their commission meeting on February 5th.
- b. Temporary Urgency Change Order – Term 17 activities – Grant Davis reported that agency staff will be meeting with Urban Water Managers and leaders from the upper Russian River on Monday, February 3rd and on Tuesday, Agency staff will be meeting with agricultural interests on the upper Russian River. Agricultural interests have already been informed that there will be no compensatory release of water from Lake Mendocino for frost protection. Jay Jasperse described the NOAA/National Weather Service frost prediction network and tool available for agricultural growers in the Russian River basin.
- c. Sonoma Marin Saving Water Partnership 20% reduction – The WSCC reviewed the proposed resolution supporting the Sonoma Marin Saving Water Partnership efforts and Governor Gerry Browns' emergency drought declaration that includes seeking 20% voluntary conservation. The resolution will be considered by the WAC at the February 3rd meeting. The requested conservation is significant since winter

demands are up considerably. Jay Jasperse described the efforts ongoing to pursue the pilot studies for aquifer storage and recovery both in Sonoma Valley and in the Santa Rosa plain.

4. Schedule next meeting

Next meeting will be held in March at a time to be determined and prior to the April 7, 2014 WAC/TAC special meeting.

MEMORANDUM

To: Water Advisory Committee
From: Chris DeGabriele, TAC Chairman 
Subject: Approve FY 2014/15 SCWA Budget
t:\gm\scwa\wac agenda and minutes\2014\scwa fy 2014-15 budget.doc

March 27, 2014

RECOMMENDED ACTION: WAC approve the SCWA FY 2014/15

Attached is the latest draft of the Sonoma County Water Agency Water Transmission System Budget for Fiscal Year 2014/15. At the February 3rd WAC meeting, the WAC and TAC members received a presentation from SCWA on the proposed budget, and the TAC voted to recommend approval by the WAC.

The budget proposes reduced deliveries next year at 46,000 Acre Feet (AF) and an O & M charge of \$602.29/AF. With the addition of Storage, Common Facilities, and Sonoma Aqueduct Bond Charges, Aqueduct Capital Charges and the L/R/T2 (Local Supply/Recycled Water/Tier 2 Water Conservation) charges the total rate, depending on delivery aqueduct, ranges from \$730.68 to \$793.24/AF, an increase of 3.19% to 3.60% from FY 2013/14. This rate increase is less than the 7% projected in the SCWA long range financial plan.

A copy of the draft budget is included herein. SCWA will make a presentation on the budget to the WAC at the April 7 meeting. SCWA staff has previously met with the TAC budget subcommittee and made budget presentations to Santa Rosa BPU and City Council, Town of Windsor Council, and the City of Rohnert Park Water Issues subcommittee.

RECOMMENDATION:

WAC approve the FY 2014/15 SCWA Budget.

Water Transmission FY 2014-2015 Draft Budget and Rates

The proposed FY 14-15 rates are shown in the table below for two deliveries scenarios, one with deliveries projected at **51,211** acre feet (AF) per the Restructured Agreement for Water Supply (Restructured Agreement) reflecting the 3-year annual average, and another at **46,000** AF commensurate with voluntary reductions in response to the drought.

Charge / Aqueduct	Santa Rosa		Petaluma		Sonoma	
Deliveries in AF	51,211	46,000	51,211	46,000	51,211	46,000
O&M	\$470.86	\$471.40	\$470.86	\$471.40	\$470.86	\$471.40
Water Management Planning	\$4.88	\$0.97	\$4.88	\$0.97	\$4.88	\$0.97
Watershed Planning & Restoration	\$81.15	\$79.01	\$81.15	\$79.01	\$81.15	\$79.01
Recycled Water	\$15.05	\$11.56	\$15.05	\$11.56	\$15.05	\$11.56
Water Conservation	\$35.34	\$39.35	\$35.34	\$39.35	\$35.34	\$39.35
Total O&M	\$607.28	\$602.29	\$607.28	\$602.29	\$607.28	\$602.29
Storage & Common Bond/Loan Charges	\$83.92	\$92.89	\$83.92	\$92.89	\$83.92	\$92.89
Sonoma Aqueduct Bond/Loan Charge					\$56.45	\$62.56
Prime Contractors	\$691.20	\$695.18	\$691.20	\$695.18	\$747.65	\$757.74
Accounts for an Overall Increase of:	3.85%	1.05%	3.85%	1.05%	2.73%	0.85%
Discretionary Charges						
Capital Charges - <i>to build fund balance for future projects</i>	\$29.00	\$19.50	\$29.00	\$19.50	\$29.00	\$19.50
Local Recycled Water Tier 2 Program (LRT2)	\$16.00	\$16.00	\$16.00	\$16.00	\$16.00	\$16.00
Prime Contractors	\$45.00	\$35.50	\$45.00	\$35.50	\$45.00	\$35.50
Accounts for an Overall Increase of:	0.53%	2.55%	0.53%	2.55%	0.38%	2.34%
Total Prime Contractors	\$736.20	\$730.68	\$736.20	\$730.68	\$792.65	\$793.24
Total Overall Increase:	4.38%	3.60%	4.38%	3.60%	3.11%	3.19%

SUMMARY

- Per the Restructured Agreement, “if because of drought or other water-supply reduction...the Agency may use a different {water delivery} amount with the prior approval of the Water Advisory Committee.”
- Two scenarios are presented above: 1) deliveries of 51,211 AF (3 year annual average per the Restructured Agreement), and 2) reduced deliveries of 46,000 AF (recommended by the TAC). Lower budgeted deliveries are to account for water conservation efforts which would result in less projected revenue. Reducing deliveries to 46,000 AF would ordinarily increase rates by 12-13% but the Water Agency has used \$6.6M in reserves to smooth the rates. If deliveries exceed 46,000AF, the revenue collected will be used for future projects and to smooth FY15-16 rates. The Water Agency recommends the 46,000 AF scenario.
- The overall draft proposed rate increases for deliveries of 46,000 AF are **3.19%** (Sonoma Aqueduct) to **3.60%** (Santa Rosa and Petaluma Aqueducts).
 - The TAC Finance Subcommittee has requested funding of Local Recycled Water Tier 2 Program (LRT2) projects for Marin Municipal Water District (\$724,026) and City of Sonoma (\$89,411). These LRT2 costs result in a rate of \$16 per AF.
 - LRT2 and aqueduct capital charges of \$16 and \$29 per AF, respectively, are included in the overall rate increase.
- Using 46,000 AF deliveries, the Water Transmission System Agency Fund revenues are budgeted to decrease \$1M, and draft expenses are budgeted to decrease by \$2M from FY13-14.
- Debt service savings from refinance approximately \$130,000 per year over the life of the bonds (mature 6/30/2033).

FY14-15 Capital Projects Summary

Project	FY14-15 Budget
Petaluma Aq Relocation – Kastania (Caltrans Project)	50,000
Ralphine Tanks Flow Thru Conversion	140,000
24" Oakmont Pipeline Replacement	100,000
Local Hazard Mitigation Program - Program Design (for Future FEMA Funds)	15,000
LHMP - Program Design (for Future FEMA Funds)	15,000
LHMP - Program Design (for Future FEMA Funds)	15,000
Condition Assessment Study	15,000
SBS Electrical Upgrade and Pumping Reliability	220,000
Isolation Valves (FEMA Funds - \$1.9M)	2,800,000
Mirabel Fish Screen/Fish Ladder (Dept of Fish and Wildlife Funds - \$1.18M)	775,000
RR Crossing (FEMA Funds - \$2.9M)	150,000
MW Creek Crossing (FEMA Funds - \$2.8M)	310,000
Collector 6 Liquefaction Mitigation (for Future FEMA Funds)	40,000
Collectors 3 and 5 Liquefaction Mitigation Predesign (for Future FEMA Funds)	200,000
Mirabel-River Road Fiber Optic Cable (Install with RR Crossing Project)	100,000
RDS Pump Replacement	350,000
Caisson 6 Vaults	150,000
Wohler Motor Replacements	350,000
pH Pump Replacement	100,000
Water Agency Westside Facility - offsetting revenue \$365,000	365,000
SCADA Software and Hardware	750,000
SCADA Upgrade	1,250,000

TOTAL 8,260,000

**Sonoma County Water Agency
FY14-15 Water Transmission Budget and Rates**

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FY 14-15 Prime Contractor Rates Summary

	CHARGE PER ACRE FOOT:					
	Santa Rosa Aqueduct	Petaluma Aqueduct	Sonoma Aqueduct	FY13-14 SR	Pet	Son
O&M Charge [4.2]	471.40	471.40	471.40			
Water Management Planning Sub-charge [4.13]	0.97	0.97	0.97	\$449.06	\$449.06	\$449.06
Watershed Planning/Restoration Sub-charge [4.14]	79.01	79.01	79.01	\$0.93	\$0.93	\$0.93
Recycled Water & Local Supply Sub-charge [4.15]	11.56	11.56	11.56	\$81.20	\$81.20	\$81.20
Water Conservation Sub-charge [4.16]	39.35	39.35	39.35	\$14.23	\$14.23	\$14.23
O&M Charge	602.29	602.29	602.29	\$33.53	\$33.53	\$33.53
Storage and Common Bond & Loan Charges	92.89	92.89	92.89	\$578.95	\$578.95	\$578.95
Sonoma Aqueduct Bond Charge			62.56	\$ 87.35	\$ 87.35	\$ 87.35
PRIME CONTRACTORS	\$695.18	\$695.18	\$757.74	\$ 666.30	\$ 666.30	\$ 729.75
Increase from FY 13-14	4.33%	4.33%	3.84%			
Capital Charges - to build fund balance for future pro	19.50	19.50	19.50	\$ 29.00	\$ 29.00	\$ 29.00
Local Recycled Water Tier 2 Program	16.00	16.00	16.00	\$10.00	\$ 10.00	\$ 10.00
PRIME CONTRACTORS	35.50	35.50	35.50	\$ 39.00	\$ 39.00	\$ 39.00
Increase over base rate from FY 13-14	-0.74%	-0.74%	-0.65%	2.56%	2.56%	2.31%
TOTAL PRIME CONTRACTORS	\$730.68	\$730.68	\$793.24	\$705.30	\$705.30	\$768.75
Increase from FY 13-14	3.60%	3.60%	3.19%	4.95%	4.95%	3.84%

WATER TRANSMISSION SYSTEM
 FY 14-15 WATER CHARGES PER ACRE-FOOT
 FOR PRIME CONTRACTORS

	SANTA ROSA AQUEDUCT	% INCR. (DECR.)	PETALUMA AQUEDUCT	% INCR. (DECR.)	SONOMA AQUEDUCT	% INCR. (DECR.)
2014/15	730.68	3.60%	730.68	3.60%	793.24	3.19%
2013/14	705.30		705.30		768.75	
2012/13	672.03		672.03		740.34	
2011/12	634.11		634.11		703.33	
2010/11	603.92		603.92		674.47	
2009/10	564.78		564.78		622.11	
2008/09	471.13		511.13		486.22	
2007/08	441.70		461.70		453.49	
2006/07	431.29		451.29		442.60	
2005/06	412.68		432.68		424.53	
2004/05	402.51		422.51		414.42	
2003/04	393.89		413.89		407.95	
2002/03	387.49		397.90		387.43	
2001/02	383.29		384.02		373.38	
2000/01	330.76		331.61		320.74	

**WATER TRANSMISSION SYSTEM
FY 14-15 REVENUE SUMMARY CHART**

WATER CUSTOMER	FY 14-15 Budgeted Water Use (Acre- Feet)	FY 13-14 Rate \$/Acre-Foot	FY 14-15 Proposed Rate \$/Acre-Foot	Dollar Change	Percent Change
Santa Rosa Aqueduct	17,580	\$705.30	\$730.68	\$25.38	3.6%
Petaluma Aqueduct	10,619	705.30	730.68	\$25.38	3.6%
Sonoma Aqueduct	4,193	768.75	793.24	\$24.49	3.2%
North Marin Water Dist.	6,401	717.27	741.78	\$24.51	3.4%
Marin Municipal – Third Off Peak	4,300	846.77	865.86	\$19.09	2.3%
Marin Municipal – Supplemental	961	762.97	786.91	\$23.94	3.1%
Forestville Aqueduct	374	676.30	711.18	\$34.88	5.2%
Wholesale/Municipal	957	922.49	951.88	\$29.39	3.2%
Surplus	105	706.74	741.95	\$35.21	5.0%
Windsor	508	846.35	876.81	\$30.46	3.6%
TOTAL	46,000				

SONOMA COUNTY WATER AGENCY RATES FOR WATER DELIVERIES IN FY 14-15

[X] ESTIMATED [] OFFICIAL
Approved by Board of Directors on _____

CHARGE PER ACRE FOOT:

	<u>Santa Rosa Aqueduct</u>	<u>Petaluma Aqueduct</u>	<u>Sonoma Aqueduct</u>
<u>PRIME CONTRACTORS</u>			
O&M Charge [4.2]	\$471.40	\$471.40	\$471.40
Water Management Planning Sub-charge [4.13]	\$0.97	\$0.97	\$0.97
Watershed Planning/Restoration Sub-charge [4.14]	\$79.01	\$79.01	\$79.01
Recycled Water & Local Supply Sub-charge [4.15]	\$27.56	27.56	27.56
Water Conservation Sub-charge [4.16]	\$39.35	39.35	39.35
O&M Charge	\$618.29	\$618.29	\$618.29
<u>Capital Charges - to build fund balance for future projects</u>			
Aqueduct Facilities Capital Charges [4.6 e]	\$19.50	\$19.50	\$19.50
<u>Bond & Loan Charges - to pay for existing debt service</u>			
Storage Facilities Capital Charge [4.7]	26.31	26.31	26.31
Common Facilities Capital Charge [4.8]	66.58	66.58	66.58
Aqueduct Facilities Capital Charges [4.6 b]			62.56
Total Capital Charges	\$92.89	\$92.89	155.45
TOTAL PRIME CONTRACTORS	\$730.68	\$730.68	\$793.24
Charge without LRT2 and voluntary AQ capital Charge	\$695.18	\$695.18	\$757.74
<u>OTHER AGENCY CUSTOMERS/WHOLESALE CHARGES</u>			
<u>(WATER CO'S & PUBLIC AGENCIES)</u>			
O&M Charge	\$618.29	\$618.29	\$618.29
Capital Charges	92.89	92.89	155.45
Aqueduct Facilities Capital Charge	\$240.70	\$240.70	\$178.14
TOTAL OTHER AGENCY CUSTOMERS/WHOLESALE CHARGES (4.12)	\$951.88	\$951.88	\$951.88
(120% OF HIGHEST PRIME)			
<u>FORESTVILLE</u>			
O&M Charge [4.2] *	\$471.40		
Water Management Planning Sub-charge [4.13]	0.97		
Watershed Planning/Restoration Sub-charge [4.14]	79.01		
Recycled Water & Local Supply Sub-charge [4.15]	27.56		
Water Conservation Sub-charge [4.16]	39.35		
O&M Charge	\$618.29		
<u>Bond & Loan Charges - to pay for existing debt service</u>			
Aqueduct Facilities Capital Charges [4.6]	0.00		
Storage Facilities Capital Charge [4.7]	26.31		
Common Facilities Capital Charge [4.8]	66.58		
Total Capital Charges	\$92.89		
TOTAL FORESTVILLE	\$711.18		
* Forestville Water District exempt from Santa Rosa Aqueduct sub-charge from FY 06/07 to FY 16/17 [4.12].			
<u>NORTH MARIN WATER DISTRICT</u>			
O&M Charge		\$618.29	Note: N. Marin does
North Marin Bond & Loan Charge [4.9]		50.87	not pay an Aq
Russian River Conservation Charge [4.18 (a)]		63.90	Capital Charge.
Russian River Projects Charge [4.18 (b)]		8.72	
TOTAL NORTH MARIN WATER DISTRICT		741.78	
<u>THIRD OFF-PEAK (MARIN MUNICIPAL)</u>			
Highest Prime		\$793.24	
Russian River Conservation Charge		63.90	
Russian River Projects Charge		8.72	
TOTAL THIRD OFF-PEAK		\$865.86	
<u>SUPPLEMENTAL (MARIN MUNICIPAL)</u>			
O&M Charge		\$618.29	
Capital Charge [4.11 (b)]		96.00	
Russian River Conservation Charge		63.90	
Russian River Projects Charge		8.72	
TOTAL SUPPLEMENTAL		\$786.91	
<u>SURPLUS</u>			
Non-Municipal / Municipal [4.11 (a)]	\$741.95	\$741.95	\$741.95
<i>(120% of O&M Charge)</i>			
<u>Town of Windsor</u>			
		\$876.81	
Town of Windsor is charged 120% of the highest charge for any other prime contractor on the Santa Rosa Aqueduct from FY 06/07 to FY 21/22 [4.17 (a)]. Town of Windsor pays all subcharges [4.13, 4.14, 4.15, and 4.16] on all water they divert from the Russian River using their equipment [4.17 (b)].			
	\$876.81		

The applicable section of the Restructured Agreement has been indicated in brackets.

FY 2014-15 BUDGET
SONOMA COUNTY WATER AGENCY
Operations and Maintenance Rate Computation

O & M REVENUE REQUIREMENT

FY 14-15 ESTIMATED FISCAL YEAR EXPENDITURES \$40,432,392

LESS:

Depreciation Amortization	5,968,500
Investment Income, Interest on Pooled Cash, Charges for Services	60,000
Power Sales	800,000
PWRPA Pre-paid Expense - FY 08/09 Rate Reduction- <i>One time only</i>	
"Mandatory Prudent Reserve" charge	0
Recycled Water funds (Sub-object 7277) taken from special reserve	0
Transfers Out	11,124,573

REVENUE REQUIREMENT (Net Expenditures)	\$22,479,319
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O & M ACRE FOOT BASE

AVERAGE DELIVERIES - PAST 36 MONTHS	46,000.0
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LESS:

Marin Municipal	5,261.4
Surplus (Irrigation)	105.4

TOTAL BASE DELIVERIES	40,633.1
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O & M RATE COMPUTATION:

Rate = Revenue Requirement - (Marin Muni Off Peak Deliveries x Highest Prime Rate)
- (Marin Muni Surplus Deliveries x (O&M Charge + Capital Charge))
Total Deliveries - Surplus Deliveries - Marin Muni Past 36 Months Deliveries

$$= \frac{22,479,319 - (4,300.00 \times 646.35) - (961.45 \times 567.40)}{46,000.0 - 105.4 - 5,261.4}$$

* = **\$471.40**

FY 14-15
Proposed Water Rates

	<u>FY 13-14</u>	<u>FY 14-15</u>	
	(Actual)	(Proposed)	% Change
O&M Charge	449.06	471.40	4.98%
Water Management Planning Sub-Charge	0.93	0.97	4.02%
Watershed Planning/Restoration Sub-Charge	81.20	79.01	-2.69%
Recycled Water Sub-Charge	24.23	27.56	13.76%
Water Conservation Sub-Charge	33.53	39.35	17.34%
Total O&M Charge	588.95	618.29	4.98%

Santa Rosa Aqueduct Rate

O&M Charge	588.95	618.29	4.98%
Aqueduct Facilities Capital Charges [4.6 e]	29.00	19.50	-32.8%
Storage Facilities Capital Charge [4.7]	21.04	26.31	25.06%
Common Facilities Capital Charge [4.8]	66.31	66.58	0.40%
TOTAL	705.30	730.68	3.60%

Petaluma Aqueduct Rate

O&M Charge	588.95	618.29	4.98%
Aqueduct Facilities Capital Charges [4.6 e]	29.00	19.50	-32.8%
Storage Facilities Capital Charge [4.7]	21.04	26.31	25.06%
Common Facilities Capital Charge [4.8]	66.31	66.58	0.40%
TOTAL	705.30	730.68	3.60%

Sonoma Aqueduct Rate

O&M Charge	588.95	618.29	4.98%
Aqueduct Facilities Capital Charges [4.6 e]	29.00	19.50	-32.8%
Storage Facilities Capital Charge [4.7]	21.04	26.31	25.06%
Common Facilities Capital Charge [4.8]	66.31	66.58	0.40%
Aqueduct Facilities Capital Charges [4.6 b]	63.45	62.56	-1.40%
TOTAL	768.75	793.24	3.19%

SONOMA COUNTY WATER AGENCY
RUSSIAN RIVER CONSERVATION CHARGE COMPUTATION

FISCAL YEAR 2014-15

PROPERTY ASSESSMENT VALUES AS OF FY 13-14:

<u>TAX CODE</u>	<u>ENTITY</u>	<u>SECURED</u>	<u>UNSECURED</u>	<u>TOTAL VALUE</u>
14000	Forestville Co Water District	311,869,214	2,706,578	\$314,575,792
42800	City of Cotati	807,650,224	17,661,794	825,312,018
43500	City of Petaluma	7,226,144,010	341,622,830	7,567,766,840
43800	City of Rohnert Park	3,676,459,568	114,420,160	3,790,879,728
44500	City of Santa Rosa	17,326,665,145	646,818,391	17,973,483,536
45000	City of Sonoma	1,981,914,489	60,417,469	2,042,331,958
	Valley of the Moon Water District	2,487,518,372	19,400,544	2,506,918,916
	<i>TOTAL</i>	\$33,818,221,022	\$1,203,047,766	\$35,021,268,788

Notes:

- 1 Total value of secured and unsecured property in service areas of Prime Water Contractors of Sonoma County (see above) \$35,021,268,788
- 2 2011-12 Sonoma County tax rate per \$100 of full cash value assessed for payment of Warm Springs Dam Project Obligations 0.007
- 3 Total tax levied on citizens residing in service areas of Prime Water Contractors of Sonoma County, i.e., (Line 1/100) x Line 2 \$2,451,489
- 4 Total acre feet of water delivered to Prime Water Contractors of Sonoma County (excluding North Marin and Town of Windsor) plus deliveries to Forestville during the prior 12 month period ending March 31. 38,367.05
- 5 Total Russian River Conservation Charge per Acre Foot (Line 3 / Line 4) \$63.90

Russian River Projects Charge
Historical calculations

RR Conservation Charge
Historical calculations

For FY	Calculated	Actual Charge
05-06	24.23 \$	20.00 \$ 45.06
06-07	17.02 \$	17.02 \$ 48.33
07-08	21.4 \$	20.00 \$ 52.70
08-09	25.08 \$	20.00 \$ 58.44
09-10	24.68 \$	20.00 \$ 57.70
10-11	24.4 \$	20.00 \$ 74.62
11-12	23.44 \$	20.00 \$ 72.27
12-13	20.38 \$	20.00 \$ 72.08
13-14	14.72 \$	14.72 \$63.30
14-15	8.72 \$	8.72 \$63.90

FY0506 First FY with 10 full years of data.

**SCHEDULE OF WATER DELIVERIES BY AQUEDUCT
PAST 36 MONTHS / 12 MONTHS AVERAGE**

		DELIVERING AQUEDUCT				Monthly Total
		Santa Rosa	Petaluma	Forestville	Sonoma	
36	Jan-11	1,123.2	1,490.4	19.9	219.3	2,852.8
35	Feb-11	1,152.7	1,618.4	18.0	221.2	3,010.3
34	Mar-11	1,122.7	1,348.8	19.4	206.3	2,697.1
33	Apr-11	1,275.7	1,335.4	21.9	245.5	2,878.5
32	May-11	2,126.3	2,484.2	36.9	472.2	5,119.6
31	Jun-11	1,629.7	1,975.0	33.0	357.4	3,995.1
30	Jul-11	1,895.2	2,308.6	40.2	439.9	4,683.8
29	Aug-11	2,452.9	2,774.4	56.1	587.8	5,871.2
28	Sep-11	1,711.6	2,207.3	43.0	454.5	4,416.4
27	Oct-11	1,072.5	1,620.2	30.1	328.7	3,051.5
26	Nov-11	1,180.8	1,742.2	29.2	384.4	3,336.6
25	Dec-11	1,335.2	1,933.1	27.3	342.5	3,638.1
24	Jan-12	1,169.7	1,808.7	19.4	264.7	3,262.3
23	Feb-12	1,138.5	1,744.8	20.9	242.2	3,146.4
22	Mar-12	1,175.7	1,682.8	19.5	246.6	3,124.7
21	Apr-12	1,161.4	1,663.4	21.1	265.5	3,111.4
20	May-12	1,921.6	3,012.8	43.1	561.9	5,539.3
19	Jun-12	1,941.7	2,879.0	43.5	480.8	5,345.0
18	Jul-12	2,688.8	3,451.2	57.7	644.2	6,841.9
17	Aug-12	2,318.3	2,641.9	48.6	511.9	5,520.8
16	Sep-12	1,975.2	2,366.6	50.2	477.7	4,869.8
15	Oct-12	2,282.4	2,544.1	48.3	503.7	5,378.5
14	Nov-12	1,221.0	1,655.1	23.2	266.6	3,165.8
13	Dec-12	1,129.9	1,718.5	19.7	231.2	3,099.2
12	Jan-13	1,384.5	1,950.0	24.6	287.1	3,646.1
11	Feb-13	1,188.2	1,574.1	23.4	240.4	3,026.1
10	Mar-13	1,317.5	1,724.9	23.2	312.8	3,378.4
9	Apr-13	1,839.4	2,472.8	34.0	436.0	4,782.2
8	May-13	2,150.0	2,558.5	44.4	484.1	5,237.0
7	Jun-13	2,115.7	2,664.0	42.7	475.6	5,297.9
6	Jul-13	2,768.2	3,215.1	52.5	622.8	6,658.6
5	Aug-13	2,023.7	2,499.7	44.9	481.9	5,050.2
4	Sep-13	1,992.1	2,560.3	46.5	460.5	5,059.4
3	Oct-13	2,060.9	2,765.2	47.2	524.0	5,397.4
2	Nov-13	1,398.0	2,108.6	29.4	354.8	3,890.8
1	Dec-13	1,426.6	2,492.7	29.2	304.5	4,253.0
Total Deliveries		59,867.3	78,593.0	1,232.1	13,940.9	153,633.3
3-Year Annual Average		18,193.9	23,238.7	374.3	4,193.1	46,000.0
Past 12 Months		21,368.0	27,811.8	432.3	4,911.2	55,677.2
Total Deliveries		59,867.3	78,593.0	1,232.1	13,940.9	153,633.3
Less: North Marin			21,877.0			21,877.0
Marin Municipal			17,739.3			17,739.3
Sonoma Co. Deliveries		59,867.3	38,976.8	1,232.1	13,940.9	114,017.1
3-Year Annual Average		19,955.8	12,992.3	410.7	4,647.0	38,005.7

SONOMA COUNTY WATER AGENCY

SCHEDULE OF ACTUAL PRIOR 12 MONTHS WATER DELIVERIES IN ACRE FEET (BY CUSTOMER TYPE)

JANUARY 13 THROUGH DECEMBER 13 (Applicable Years as Indicated)

Aqueduct No.	JAN 13	FEB 13	MAR 13	APR 13	MAY 13	JUN 13	JUL 13	AUG 13	SEP 13	OCT 13	NOV 13	DEC 13	TOTAL
<u>PRIMES</u>													
1 City of Santa Rosa	1,346.2	1,152.6	1,266.6	1,766.8	2,050.9	2,012.2	2,652.7	1,924.3	1,891.1	1,978.1	1,290.1	1,360.8	20,692.5
2 City of Petaluma	585.0	510.1	565.3	824.8	899.3	922.0	1,183.5	910.8	893.6	908.3	631.6	658.4	9,492.8
2 North Marin Water Dist.	463.2	274.1	396.2	630.3	655.7	725.8	990.9	742.4	848.7	789.0	631.4	558.0	7,705.5
2 City of Rohnert Park	340.5	276.1	248.4	315.3	313.1	316.2	402.8	303.0	277.8	391.1	272.9	320.1	3,777.2
2 City of Cotati	32.0	25.8	32.0	47.8	59.2	56.2	66.5	59.2	63.2	69.1	45.8	54.7	611.4
1 Town of Windsor	25.8	31.9	37.8	48.1	48.8	52.0	52.0	51.8	49.4	34.1	75.0	32.0	538.8
4 City of Sonoma	116.4	96.9	140.3	184.6	205.9	205.8	263.8	201.6	201.9	245.7	150.4	73.7	2,087.0
4 Valley of the Moon Dist.	161.6	140.1	167.5	243.7	252.1	252.3	332.8	263.0	242.7	264.5	196.3	222.8	2,739.6
TOTAL PRIMES	3,070.8	2,507.6	2,854.1	4,061.3	4,485.0	4,542.5	5,945.0	4,456.1	4,468.4	4,679.9	3,293.6	3,280.4	47,644.7
<u>OTHER AGENCY CUSTOMERS</u>													
1 Larkfield Water Co	12.0	3.2	11.6	20.6	37.8	45.2	56.8	42.0	44.6	45.0	29.2	32.8	380.7
2 Penngrove Water Co	11.4	9.4	11.1	16.4	18.8	19.8	25.0	19.9	19.1	20.6	13.5	14.8	199.8
4 Lawndale Mutual	3.3	2.2	3.9	5.5	7.5	8.0	10.7	8.0	8.2	8.6	5.8	6.8	78.5
4 Kenwood Village Water Co	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.4	0.3	0.5	0.3	0.4	4.5
3 Forestville Co Water Dist.	24.6	23.4	23.2	34.0	44.4	42.7	52.5	44.9	46.5	47.2	29.4	29.2	441.8
1 Other Gov-Santa Rosa Aq	0.4	0.3	0.3	0.6	0.5	0.5	0.8	0.4	0.5	0.5	0.3	0.3	5.3
2 Other Gov-Petaluma Aq	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4 Other Gov-Sonoma Aq	0.6	0.4	0.4	0.7	1.1	1.5	1.9	1.3	1.0	1.3	0.9	0.6	11.7
TOTAL OTHER AGY. CUST	52.5	39.2	50.9	78.3	110.4	118.1	148.0	116.9	120.2	123.7	79.3	84.9	1,122.3
<u>OFF-PEAK CUSTOMERS</u>													
2 Marin Municipal	517.9	478.5	471.9	638.4	612.5	624.0	546.4	464.5	457.9	587.2	513.4	886.8	6,799.3
<u>SURPLUS CUSTOMERS</u>													
1 Irrigation-Santa Rosa Aq	0.1	0.2	1.1	3.3	12.0	5.7	5.9	5.2	6.5	3.3	3.4	0.7	47.5
2 Irrigation-Petaluma Aq	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4 Irrigation-Sonoma Aq	4.9	0.5	0.3	1.1	17.2	7.6	13.2	7.6	6.3	3.4	1.2	0.2	63.4
TOTAL SURPLUS CUST.	5.0	0.8	1.5	4.3	29.2	13.3	19.1	12.8	12.8	6.6	4.5	0.9	110.9
TOTAL DELIVERIES	3,646.1	3,026.1	3,378.4	4,782.2	5,237.0	5,297.9	6,658.6	5,050.2	5,059.4	5,397.4	3,890.8	4,253.0	55,677.2

FY 2014-15 BUDGET
Water Transmission System Agency Fund
ESTIMATED WATER DELIVERIES AND WATER SALES - O&M plus Surcharges
Sub-Object 4161

REVENUE CATEGORY	ESTIMATED ACRE FEET DELIVERED	ESTIMATED RATES	ESTIMATED REVENUE
<u>WATER SALES - O&M</u>			
1 PRIMES without Subcharges	39,675.8	471.40	18,703,223
2 OTHER AGENCY CUSTOMERS	957.3	804.99	770,611
3 MARIN MUNICIPAL (OFF-PEAK)	4,300.0	646.35	2,779,303
4 MARIN MUNICIPAL (SUPPLEMENTAL)	961.4	567.40	545,525
5 SURPLUS CUSTOMERS	105.4	595.06	62,734
TOTAL WATER SALES - O&M	46,000.0	N/A	\$22,861,396

Sub-Object 4175, 4176, 4177, and 4178

REVENUE CATEGORY	ESTIMATED ACRE FEET DELIVERED	ESTIMATED RATES	ESTIMATED REVENUE
<u>WATER SALES - Sub-charges</u>			
1a Water Management Planning Sub-charge [4.13]	46,000.0	0.97	44,500
1b Watershed Planning/Restoration Sub-charge [4.14]	46,000.0	79.01	3,634,500
1c Recycled Water & Local Supply Sub-charge [4.15]	46,000.0	27.56	1,267,819
1d Water Conservation Sub-charge [4.16]	46,000.0	39.35	1,810,000
TOTAL WATER SALES - Subcharges	46,000.0	N/A	\$6,756,819

FY 2014-15 BUDGET
Water Transmission System Agency Fund
SANTA ROSA AQUEDUCT ESTIMATED WATER DELIVERIES AND WATER SALES - O&M plus Surcharges
Sub-Object 4161

REVENUE CATEGORY	ESTIMATED ACRE FEET DELIVERED	ESTIMATED RATES	ESTIMATED REVENUE
<u>WATER SALES - O&M</u>			
1 SANTA ROSA AQUEDUCT	18,193.9	471.40	8,576,630

Sub-Object 4175, 4176, 4177, and 4178

REVENUE CATEGORY	ESTIMATED ACRE FEET DELIVERED	ESTIMATED RATES	ESTIMATED REVENUE
<u>WATER SALES - Sub-charges</u>			
1a Water Management Planning Sub-charge [4.13]	18,193.9	0.97	17,601
1b Watershed Planning/Restoration Sub-charge [4.14]	18,193.9	79.01	1,437,518
1c Recycled Water & Local Supply Sub-charge [4.15]	18,193.9	27.56	501,448
1d Water Conservation Sub-charge [4.16]	18,193.9	39.35	715,891
TOTAL WATER SALES - Subcharges	18,193.9	N/A	\$2,672,458

REVENUE CATEGORY	ESTIMATED ACRE FEET DELIVERED	ESTIMATED RATES	ESTIMATED REVENUE
<u>CAPITAL CHARGES</u>			
Aqueduct Facilities Capital Charges [4.6 e]	18,193.9	19.50	354,782
<u>BOND AND LOAN CAPITAL CHARGES</u>			
Storage Facilities Capital Charge [4.7]	18,193.9	26.31	478,708
Common Facilities Capital Charge [4.8]	18,193.9	66.58	1,211,317
Aqueduct Facilities Capital Charges [4.6 b]	18,193.9	0.00	0
TOTAL WATER SALES - Capital & Bond and Loan Charges	18,193.9	N/A	\$2,044,807

TOTAL ESTIMATED REVENUE

\$13,293,895

FY 2014-15 BUDGET

Water Transmission System Agency Fund

PETALUMA AQUEDUCT ESTIMATED WATER DELIVERIES AND WATER SALES - O&M plus Surcharges

Sub-Object 4161

REVENUE CATEGORY	ESTIMATED ACRE FEET DELIVERED	ESTIMATED RATES	ESTIMATED REVENUE
<u>WATER SALES - O&M</u>			
1 PETALUMA AQUEDUCT	23,238.7	471.40	10,954,745

Sub-Object 4175, 4176, 4177, and 4178

REVENUE CATEGORY	ESTIMATED ACRE FEET DELIVERED	ESTIMATED RATES	ESTIMATED REVENUE
<u>WATER SALES - Sub-charges</u>			
1a Water Management Planning Sub-charge [4.13]	23,238.7	0.97	22,481
1b Watershed Planning/Restoration Sub-charge [4.14]	23,238.7	79.01	1,836,110
1c Recycled Water & Local Supply Sub-charge [4.15]	23,238.7	27.56	640,489
1d Water Conservation Sub-charge [4.16]	23,238.7	39.35	914,393
TOTAL WATER SALES - Subcharges	23,238.7	N/A	\$3,413,473

REVENUE CATEGORY	ESTIMATED ACRE FEET DELIVERED	ESTIMATED RATES	ESTIMATED REVENUE
<u>CAPITAL CHARGES</u>			
Aqueduct Facilities Capital Charges [4.6 e]	23,238.7	19.50	453,155
<u>BOND AND LOAN CAPITAL CHARGES</u>			
Storage Facilities Capital Charge [4.7]	23,238.7	26.31	611,444
Common Facilities Capital Charge [4.8]	23,238.7	66.58	1,547,189
Aqueduct Facilities Capital Charges [4.6 b]	23,238.7	0.00	0
TOTAL WATER SALES - Capital & Bond and Loan Charges	23,238.7	N/A	\$2,611,788

TOTAL ESTIMATED REVENUE

\$16,980,006

FY 2014-15 BUDGET
Water Transmission System Agency Fund
SONOMA AQUEDUCT ESTIMATED WATER DELIVERIES AND WATER SALES - O&M plus Surcharges
Sub-Object 4161

REVENUE CATEGORY	ESTIMATED ACRE FEET DELIVERED	ESTIMATED RATES	ESTIMATED REVENUE
WATER SALES - O&M			
1 SONOMA AQUEDUCT	4,193.1	471.40	1,976,621

Sub-Object 4175, 4176, 4177, and 4178

REVENUE CATEGORY	ESTIMATED ACRE FEET DELIVERED	ESTIMATED RATES	ESTIMATED REVENUE
WATER SALES - Sub-charges			
1a Water Management Planning Sub-charge [4.13]	4,193.1	0.97	4,056
1b Watershed Planning/Restoration Sub-charge [4.14]	4,193.1	79.01	331,299
1c Recycled Water & Local Supply Sub-charge [4.15]	4,193.1	27.56	115,567
1d Water Conservation Sub-charge [4.16]	4,193.1	39.35	164,989
TOTAL WATER SALES - Subcharges	4,193.1	N/A	\$615,911

REVENUE CATEGORY	ESTIMATED ACRE FEET DELIVERED	ESTIMATED RATES	ESTIMATED REVENUE
CAPITAL CHARGES			
Aqueduct Facilities Capital Charges [4.6 e]	4,193.1	19.50	81,765
BOND AND LOAN CAPITAL CHARGES			
Storage Facilities Capital Charge [4.7]	4,193.1	26.31	110,326
Common Facilities Capital Charge [4.8]	4,193.1	66.58	279,167
Aqueduct Facilities Capital Charges [4.6 b]	4,193.1	62.56	262,316
TOTAL WATER SALES - Capital & Bond and Loan Charges	4,193.1	N/A	\$733,574

TOTAL ESTIMATED REVENUE

\$3,326,106

**FY 2014-15 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title:

Water Transmission System Agency Fund

Section/Index No:

675108

Subobject Title	Actual 2012-13	Estimated 2013-14	Adopted 2013-14	Requested 2014-15	Difference	Percent Change
BEGINNING FUND BALANCE	8,887,458	12,438,164		6,684,780		
REVENUES						
<u>USE OF MONEY / PROPERTY</u>						
1700 Interest on Pooled Cash	137,000	149,882	65,000	60,000	(5,000)	(7.69%)
1801 Rent - Real Estate	0	450	0	0	0	N/A
SUBTOTAL	137,000	150,332	65,000	60,000	(5,000)	(7.69%)
<u>INTERGOVERNMENTAL REVENUES</u>						
2500 ST-Other	28,737	0	0	0	0	N/A
2780 Fed-Other	3,652	2,534	0	0	0	N/A
SUBTOTAL	32,388	2,534	0	0	0	N/A
<u>CHARGES FOR SERVICES</u>						
3145 Plans & Spec		20				
3666 Meter Service / Install	28,421	29,000	20,000	0	(20,000)	(100.00%)
3980 Revenue Applicable to PY	5,787	5,843	0	0	0	N/A
SUBTOTAL	34,208	34,863	20,000	0	(20,000)	(100.00%)
<u>MISCELLANEOUS REVENUES</u>						
4039 Sale - Power	835,759	800,000	800,000	800,000	0	0.00%
4040 Miscellaneous Revenues	14,928	15,000	0	0	0	N/A
4102 Donations/ Reimb.	(644)	0	2,000	0	(2,000)	(100.00%)
4109 Outdated Warrants	24,546	0	0	0	0	N/A
4116 Insurance Reimbursement	5,500					
4161 Water Sales - O&M	24,333,572	25,002,394	23,190,099	22,861,396	(328,703)	(1.42%)
4162 Comm. Rev. Bd. Charge	3,127,757	2,765,938	2,379,338	2,279,125	(100,213)	(4.21%)
4163 Storage Rev. Bd. Charge	958,394	877,558	754,889	900,703	145,814	19.32%
4164 Sonoma Aq. Rev. Charge	327,258	306,243	255,665	262,316	6,651	2.60%
4166 SR Aq. Capital Charge	151,920	422,548	530,275	433,516	(96,759)	(18.25%)
4167 Petaluma Aq. Cap. Chg.	127,067	451,541	789,750	453,155	(336,595)	(42.62%)
4168 Sonoma Aq. Cap. Charge	89,182	142,425	257,736	81,765	(175,971)	(68.28%)
4169 NM Revenue Bd. Charge	265,610	387,589	341,611	325,592	(16,019)	(4.69%)
4175 Water Mgmt Planning Sub-charge	61,500	51,780	45,000	44,500	(500)	(1.11%)
4176 Watershed Planning/Rest Sub-charge	4,573,599	4,520,942	3,947,000	3,634,500	(312,500)	(7.92%)
4177 Recycled Water & Local Supply Sub-charge	902,194	1,348,935	1,177,685	1,267,819	90,134	7.65%
4178 Water Conservation Sub-charge	1,853,476	1,867,022	1,630,000	1,810,000	180,000	11.04%
4304 Federal Grants	32,120	0	0	0	0	N/A
SUBTOTAL	37,683,737	38,959,915	36,101,048	35,154,388	(946,660)	(2.62%)
TOTAL REVENUES	37,887,333	39,147,644	36,186,048	35,214,388	(971,660)	(2.69%)

Section Title:

Water Transmission System Agency Fund

Section/Index No:

675108

Subsubject Title	Actual 2012-13	Estimated 2013-14	Adopted 2013-14	Requested 2014-15	Difference	Percent Change
EXPENDITURES						
SERVICES AND SUPPLIES						
6020 Clothing / Personal	15,427	15,000	0	10,000	10,000	N/A
6040 Communications	61,798	70,000	75,000	70,000	(5,000)	(6.67%)
6060 Food	946	819	0	0	0	N/A
6140 Maintenance - Equipment	709,493	800,000	1,125,000	1,000,000	(125,000)	(11.11%)
6180 Maintenance - Buildings	238,403	0	0	0	0	N/A
6190 Landscaping Service	4,951	5,000	0	5,000	5,000	N/A
6262 Laboratory Supplies	22,503	24,000	25,000	35,000	10,000	40.00%
6280 Memberships	39,485	40,000	75,000	40,000	(35,000)	(46.67%)
6400 Office Expense	4,480	5,000	5,000	5,000	0	0.00%
6410 Postage	3,521	4,000	5,000	4,000	(1,000)	(20.00%)
6415 Books/Periodicals	2,069	1,500	2,000	0	(2,000)	(100.00%)
6430 Printing	948	2,500	2,000	3,000	1,000	50.00%
6461 Supplies / Expenses	26,831	30,000	50,000	30,000	(20,000)	(40.00%)
6510 Microfilm		54				
6512 Testing / Analysis	113,949	130,000	135,000	135,000	0	0.00%
6516 Data Processing Services	11,906	10,000	10,000	12,000	2,000	20.00%
6523 District Operations	10,729,450	10,500,000	9,800,000	11,500,000	1,700,000	17.35%
6540 Contract Services	174,555	200,000	215,000	890,000	675,000	313.95%
6553 Contract-Security Services	0	0	25,000	0	(25,000)	(100.00%)
6570 Consultant Services	343,219	345,000	985,000	986,000	1,000	0.10%
6589 Permits	35,608	40,000	10,000	40,000	30,000	300.00%
6610 Legal Services	29,487	30,000	50,000	30,000	(20,000)	(40.00%)
6800 Public/Legal Notices	0	1,000	5,000	2,000	(3,000)	(60.00%)
6820 Rents and Leases-Equip	141,285	150,000	85,000	150,000	65,000	76.47%
6840 Rents and Leases-Bldg/Imp	1,256	0	0	0	0	N/A
6880 Small Tools - Instruments	118,728	120,000	100,000	100,000	0	0.00%
6889 Software	29,095	30,000	0	10,000	10,000	N/A
6890 Computer Hardware	2,365	5,000	10,000	10,000	0	0.00%
7035 Signs	646	500		500	500	N/A
7120 Training-in-Service	11,484	10,000	15,000	15,000	0	0.00%
7201 Gas / Oil	56,283	5,000	5,000	6,000	1,000	20.00%
7206 Equipment Usage Charge	795,411	600,000	600,000	600,000	0	0.00%
7212 Chlorine Chem/Recorder	865,606	850,000	850,000	900,000	50,000	5.88%
7217 State Permits / Fees	0	0	30,000	0	(30,000)	(100.00%)
7250 Reimbursable Projects	0	0	2,000	0	(2,000)	(100.00%)
7296 FERC Fees / Costs	0	0	5,000	5,000	0	0.00%
7297 Riverfront Park Levee Maintenance	0	0	25,000	25,000	0	0.00%
7302 Travel Expense	14,027	14,000	20,000	15,000	(5,000)	(25.00%)
7303 Private Car Expense	1,466	2,000	2,500	2,000	(500)	(20.00%)
7320 Utilities	13,508	9,500	1,000	13,000	12,000	1200.00%
7394 Power	4,803,201	4,700,000	4,700,000	4,400,000	(300,000)	(6.38%)
SUBTOTAL	19,423,392	18,749,873	19,049,500	21,048,500	1,999,000	10.49%
OTHER CHARGES						
7920 Interest Expense	0	0	45,000	0	(45,000)	(100.00%)
7924 Interest-PY	(40)	(40)	0	0	0	N/A
7980 Depreciation	5,486,202	5,694,500	5,700,000	5,727,000	27,000	0.47%
7981 Amortization	27,110	159,625	129,000	241,500	112,500	87.21%
8090 Loss on Fixed Assets	264,205	0	0	0	0	N/A
SUBTOTAL	5,777,476	5,854,085	5,874,000	5,968,500	94,500	1.61%
FIXED ASSETS						
8510 Buildings / Improvements	0	(27)	70,000	0	(70,000)	(100.00%)
8533 SCWA-New Metered Ser	0	0	20,000	0	(20,000)	(100.00%)
8560 Equipment	104,163	10,114	75,000	60,000	(15,000)	(20.00%)
9480 Intangible Assets	19,377	36,000	0	0	0	N/A

Section Title:

Water Transmission System Agency Fund

Section/Index No:

675108

Subsubject Title	Actual 2012-13	Estimated 2013-14	Adopted 2013-14	Requested 2014-15	Difference	Percent Change
9482 Amort WIP Outlay	142	150	0	0	0	N/A
SUBTOTAL	123,682	46,237	165,000	60,000	(105,000)	(63.64%)
<u>OTHER FINANCING USES</u>						
8625 OT - W/in Special Dist	14,134,472	25,293,147	16,370,530	13,355,392	(3,015,138)	(18.42%)
SUBTOTAL	14,134,472	25,293,147	16,370,530	13,355,392	(3,015,138)	(18.42%)
<u>APPROP. FOR CONTINGENCIES</u>						
9000 Approp. for Contingencies	0	0	140,000	0	(140,000)	(100.00%)
SUBTOTAL	0	0	140,000	0	(140,000)	(100.00%)
<u>ADMIN. CONTROL ACCOUNT</u>						
9200 Ent - Principal	0	0	282,562	282,562	0	0.00%
9209 Ent - Principal Clearing	0	0	(282,562)	(282,562)	0	0.00%
SUBTOTAL	0	0	0	0	0	N/A
<u>PRIOR YEAR ENCUMBRANCE EXPENSE</u>						
9614 PY Enc - Maintenance Equip	40,690	290,369	334,143	0	(334,143)	(100.00%)
9618 PY Enc - Maintenance Bldgs/Imp	16,448	68,265	68,265	0	(68,265)	(100.00%)
9640 PY Enc - Office Expense	0	0	0	0	0	N/A
9650 PY Enc - Profess / Special	353,697	448,504	448,504	0	(448,504)	(100.00%)
9688 PY Enc - Small Tools / Instruments	0	0	0	0	0	N/A
9700 PY Enc - Special Dept Exp	472	4,672	4,200	0	(4,200)	(100.00%)
9852 PY Enc - Bldg / Imp / Equip	0	0	0	0	0	N/A
9853 PY Enc - Equip	0	0	0	0	0	N/A
SUBTOTAL	411,307	811,810	855,112	0	(855,112)	(100.00%)
TOTAL EXPENDITURES	39,870,329	50,755,152	42,454,142	40,432,392	(2,021,751)	(4.76%)
Depreciation/Amortization	5,513,312	5,854,125		5,727,000		
Outstanding Encumbrances - (Decrease) Fund Balance	(15,002)	0		0		
Capitalized Interest	(40)	0		0		
Gain/Loss of Disposal of Fixed Asset	264,205	0				
Cash Movement from RESCO JV FYE 12-13	(228,773)					
ENDING FUND BALANCE	12,438,164	6,684,780		7,193,776		

Operations and Maintenance 675108 Fund Balance Reserve Goal
Over/(Under) Goal

5,337,500
1,856,276

Water Transmission System Agency Fund
Major Services & Supplies Expenditure Items

Sub-Object No. and Title	Actual FY 12-13	Adopted FY 13-14	Requested FY 14-15	Difference	Percent Change
<u>6140 Maintenance - Equipment</u> See Project List on page A-12 for detail.	709,493	1,125,000	1,000,000	(125,000)	-11.1%
<u>6180 Maintenance - Projects</u> Starting in Fy 2012/13 the costs to maintain the pumping, storage, pipeline and hydro-electric facilities will be budgeted in 6140.	238,403	0	0	0	#DIV/0!
<u>6280 Memberships</u> Reflects level of actual expenditures.	39,485	75,000	40,000	(35,000)	-46.7%
<u>6461 Supplies / Expenses</u> Reflects level of actual expenditures.	26,831	50,000	30,000	(20,000)	-40.0%
<u>6512 Testing / Analysis</u> Reflects level of expected expenditures.	113,949	135,000	135,000	0	0.0%
<u>6523 District Operations</u> Anticipated higher costs based on prior year actuals.	10,729,450	9,800,000	11,500,000	1,700,000	17.3%
<u>6570 Consultant Services</u> See Consultant Services Project List for detail on page A-13.	343,219	985,000	986,000	1,000	0.1%
<u>6610 Legal Services</u> Reflects level of actual expenditures.	29,487	50,000	30,000	(20,000)	-40.0%
<u>6880 Small Tools - Instruments</u> Reflects level of expected expenditures.	118,728	100,000	100,000	0	0.0%
<u>6889 Software</u> Reflects level of expected expenditures.	29,095	0	10,000	10,000	#DIV/0!
<u>7206 Equipment Usage Charge</u> Reflects level of actual expenditures.	795,411	600,000	600,000	0	0.0%
<u>7212 Chlorine Chemical / Recorder</u> Reflects level of actual expenditures.	865,606	850,000	900,000	50,000	5.9%
<u>7394 Power</u> Reflects level of expected expenditures.	4,803,201	4,700,000	4,400,000	(300,000)	-6.4%
<u>8560 Equipment</u> Reflects level of expected expenditures.	104,163	75,000	60,000	(15,000)	-20.0%

FY 2014-15 BUDGET

Water Transmission System Agency Fund

	DESCRIPTION - 6180 Maintenance Buildings	AMOUNT
1	Combined with 6140	
	6180 Total	\$ -

	DESCRIPTION - 6140 Maintenance -Contracts and Equipment	AMOUNT
1	Petaluma Aqueduct cathodic protection upgrade	260,000
2	Santa Rosa Aqueduct Cathodic Protection Upgrade	120,000
3	RR-Cotati Intertie - Cathodic Protection Upgrade	25,000
4	Electrical Supplies and Maintenance Services	150,000
5	Pump and Pipeline Supplies and Maintenance Services	150,000
6	Hardware and Miscellaneous Supplies	120,000
7	Collector 6 Chlorine Lines Maintenance	80,000
8	Replace Turbidimeters	40,000
9	Grounds Maintenance	30,000
10	Safety Equipment and Safety Equipment Testing	25,000
	6140 Total	\$ 1,000,000

Draft

**Water Transmission Agency Fund, #675108
Multi-Year Subobject Review
FY 2014-15 BUDGET**

Subobject Title	Subobject Number	Actual FY 06/07	Actual FY 07/08	Actual FY 08/09	Actual FY 09/10	Actual FY10/11	Actual FY 12-13	Estimate FY 13-14	Budget FY 14-15
Maintenance - Equipment	6140	1,777,109	1,036,922	927,294	865,722	695,787	709,493	800,000	1,000,000
Maintenance - Bldg/Imp	6180	1,949,875	1,880,212	495,840	272,670	75,853	238,403	0	0
District Operations	6523	8,931,495	10,597,113	10,829,182	10,068,704	9,160,367	10,729,450	10,500,000	11,500,000
Total of the Four Cost Categories		\$ 12,658,480	\$ 13,514,247	\$ 12,252,316	\$ 11,207,096	\$ 9,932,008	\$ 11,677,346	\$ 11,300,000	\$ 12,500,000
<i>Percentage Change from Prior Year</i>			6.76%	-9.34%	-8.53%	-11.38%	4.20%	-3.23%	10.62%

Subobject Title	Subobject Number	Actual FY 06/07	Actual FY 07/08	Actual FY 08/09	Actual FY 09/10	Actual FY10/11	Actual FY 12-13	Estimate FY 13-14	Budget FY 14-15
Consulting Service	6570	\$ 693,373	\$ 712,593	\$ 860,688	\$ 653,985	\$ 290,581	\$ 343,219	\$ 345,000	\$ 986,000
<i>Percentage Change from Prior Year</i>			2.77%	20.78%	-24.02%	-55.57%	-47.52%	0.52%	185.80%

Itemized Detail for 6540 Contract Services and 6570 Consulting Services

DESCRIPTION	Budget FY 14-15
Recoat Kastania Tank	300,000
Forestville Tanks Recoat	500,000
Riverfront Park Maintenance	90,000
6540 Total	890,000
Aqueduct Condition Assessments	280,000
LHMP - program planning	15,000
AMI Flow Monitoring	60,000
LBNL Wohler Geophysics (phase 2 & 3)	85,000
USGS Water Quality (Diversion Facilities) and SW/GW Studies	125,000
As-Needed Dive Services	75,000
Groundwater Banking Feasibility - Pilot Studies	190,000
Multi-year Water Quality Study	0
Legislative Advocacy - Federal	70,000
Water Shortage Allocation Methodology	0
Mirabel Flow meters	0
BAIRWMP	30,000
NCIRWMP	26,000
Conservation strategy group	0
Natural Resource Results	0
Reports/Signs/Brochures	0
ACWA Meeting Sponsorships	0
Community Outreach Program	5,000
Legislative Advocacy - State	25,000
6570 Total	\$ 986,000

Subobject Title	Subobject Number	Actual FY 06/07	Actual FY 07/08	Actual FY 08/09	Actual FY 09/10	Actual FY10/11	Actual FY 12-13	Estimate FY 13-14	Budget FY 14-15
Power Usage Review	7394	\$ 3,237,565	\$ 5,930,313	\$ 4,928,287	\$ 3,739,841	\$ 4,475,440	\$ 4,803,201	\$ 4,700,000	\$ 4,400,000
<i>Percentage Change from Prior Year</i>			83.17%	-16.90%	-24.11%	19.67%	28%	-2%	-6%

FY 2014-15 BUDGET
BEGINNING AND ENDING CASH SUMMARY

Section Title: Common Facilities

Section/Index No: 675421

Subobject Title	Actual 2012-13	Estimated 2013-14	Adopted 2013-14	Requested 2014-15	Difference	Percent Change
BEGINNING FUND BALANCE	(875,006)	3,221,676		3,317,789		

REVENUES

USE OF MONEY / PROPERTY

1700 Interest on Pooled Cash	(10,385)	19,644	195	6,000	5,805	2976.92%
SUBTOTAL	(10,385)	19,644	195	6,000	5,805	2976.92%

Charges for Services

3980 Revenue Apply to PY	0	313	0	0	0	N/A
SUBTOTAL	0	313	0	0	0	N/A

Miscellaneous Revenues

4303 State Grants	70,537	0	0	0	0	N/A
4304 Federal Grants		0	0	1,930,181		
SUBTOTAL	70,537	0	0	2,295,181	2,295,181	N/A

ADMINISTRATIVE CONTROL

4210 Advances	0	4,100,000	400,000	0	(400,000)	(100.00%)
4219 Advances - Clearing	0	(4,100,000)	(400,000)	0	400,000	(100.00%)
SUBTOTAL	0	0	0	0	0	N/A

OTHER FINANCING SOURCES

4625 OT - W/in Special Dist	3,651,755	14,655,000	5,985,708	2,556,527	(3,429,181)	(57.29%)
SUBTOTAL	3,651,755	14,655,000	5,985,708	2,556,527	(3,429,181)	(57.29%)

TOTAL REVENUES

3,711,906	14,674,957	5,985,903	4,857,708	(1,128,195)	(18.85%)
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EXPENDITURES

OTHER CHARGES

7920 Interest Payment	0	250,656	250,656	160,526	(90,130)	(35.96%)
7924 Capital Interest	(219,859)	0	0	0	0	N/A
SUBTOTAL	(219,859)	250,656	250,656	160,526	(90,130)	(35.96%)

FIXED ASSETS

8500 Land	0	1,062,378	0	0	0	N/A
8510 Buildings / Improvements	1,839,972	3,000,000	1,250,000	1,415,000	165,000	13.20%
8529 Isolation Valves & Meters	6,328	260,000	545,000	2,800,000	2,255,000	413.76%
9105 Mirabel Fish Screen Replacement	133,117	11,170,000	2,950,000	775,000	(2,175,000)	(73.73%)
9107 Air Valves	0	660,000	290,000	0	(290,000)	(100.00%)
9128 Local Hazard Mitigation	8,211	1,850,000	800,000	700,000	(100,000)	(12.50%)
9480 Intangible Assets	4,752	4,752	0	750,000	750,000	N/A
9482 Amort WIP Outlay	0	3,084	0	1,250,000	1,250,000	N/A
SUBTOTAL	2,024,740	18,010,548	5,835,000	7,690,000	1,855,000	31.79%

ADMIN. CONTROL ACCOUNT

9210 Advances	0	0	418,465	75,466	(342,999)	(81.97%)
9219 Advances - Clearing	0	0	(418,465)	(75,466)	342,999	(81.97%)
SUBTOTAL	0	0	0	0	0	N/A

Section Title:

Common Facilities

Section/Index No:

675421

Subobject Title	Actual 2012-13	Estimated 2013-14	Adopted 2013-14	Requested 2014-15	Difference	Percent Change
<u>PRIOR YEAR ENCUMBRANCE EXPENSE</u>						
9852 PY Enc - Bldg / Imp	986,973	417,640	0	0	0	N/A
SUBTOTAL	986,973	417,640	0	0	0	N/A
TOTAL EXPENDITURES	2,791,854	18,678,844	6,085,656	7,850,526	1,764,870	29.00%
Loan	0	4,100,000		0		
Outstanding Encumbrances - Net Change	639,409	0		0		
Capitalized Interest	(219,859)	0		0		
Principal payment on Loan from AQ funds	0	0		(75,466)		
Change in Deposit with Others	2,757,080	0		0		
ENDING FUND BALANCE	3,221,676	3,317,789		249,505		

Draft

FY 2014-15 BUDGET
Common Facilities - Section 675421
Detailed Listing of Capital Projects

SUB-OBJECT DESCRIPTION	Project & Subobject	FY 2014-15 BUDGET
8510 Buildings and Improvements		
DESCRIPTION		
Mirabel-River Road Fiber Optic Cable		100,000
RDS Pump Replacement		350,000
Caisson 6 Vaults		150,000
Wohler Motor Replacements		350,000
pH Pump Replacement		100,000
Water Agency Westside Facility - see offsetting revenue		365,000
		1,415,000
8529 Isolation Valves and Meters		
DESCRIPTION		
Isolation Valves	7379, 7497	2,800,000
	8529 Total	2,800,000
9105 Mirabel Fish Screen Replacement		
DESCRIPTION		
Mirabel Fish Screen - Fish Ladder Project	7357, 7532	775,000
	9105 Total	775,000
9107 Air Valves		
DESCRIPTION		
Air Valves	7429	0
	9107 Total	0
9128 Local Hazard Mitigation Projects		
DESCRIPTION		
RR Crossing		150,000
MW Creek Crossing		310,000
Collector 6 Liquefaction Mitigation		40,000
Collectors 3 and 5 Liquefaction Mitigation Predesign		200,000
	9128 Total	700,000
9480 Intangible Asset		
DESCRIPTION		
SCADA Software and Hardware		750,000
	9480 Total	750,000
9482 Amort WIP outlay		
DESCRIPTION		
SCADA Upgrade		1,250,000
	9482 Total	1,250,000

Total Common Facilities \$ 7,690,000

**FY 2014-15 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title: Pipeline Facilities

Section/Index No: 675413

Subobject Title	Actual 2012-13	Estimated 2013-14	Adopted 2013-14	Requested 2014-15	Difference	Percent Change
BEGINNING FUND BALANCE	557,911	(56,832)		132,761		
REVENUES						
<u>USE OF MONEY / PROPERTY</u>						
1700 Interest on Pooled Cash	1,044	(7,656)	2,730	90	(2,640)	-96.70%
SUBTOTAL	1,044	(7,656)	2,730	90	(2,640)	-96.70%
<u>INTERGOVERNMENTAL REVENUE</u>						
2852 Federal Grants	(217,379)	500,000	0	0	0	N/A
SUBTOTAL	(217,379)	500,000	0	0	0	N/A
<u>CHARGES FOR SERVICES</u>						
3145 Plans/Specs	260	0				N/A
SUBTOTAL	260	0	0	0	0	N/A
<u>MISCELLANEOUS REVENUE</u>						
4304 Fed Grants	1,297,473	50,612	0	0	0	N/A
SUBTOTAL	1,297,473	50,612	0	0	0	N/A
<u>OTHER FINANCING SOURCES</u>						
4625 OT - W/in Special Dist	2,603,041	1,095,000	260,000	151,000	(109,000)	(41.92%)
4625 OT - W/in Special Assessment	0					
SUBTOTAL	2,603,041	1,095,000	260,000	151,000	(109,000)	(41.92%)
TOTAL REVENUES	3,684,440	1,637,956	262,730	151,090	(111,640)	(42.49%)
EXPENDITURES						
<u>FIXED ASSETS</u>						
9106 Santa Rosa Aqueduct	0	0	0	15,000	15,000	N/A
9128 Local Hazard Mitigation	2,462,603	150,000	60,000	0	(60,000)	(100.00%)
9154 Petaluma Aqueduct	0	0	0	15,000	15,000	N/A
9192 Sonoma Aqueduct	4,000	420,000	350,000	250,000	(100,000)	(28.57%)
9482 Amort WIP Outlay	(2,419)	0	0	0	0	N/A
SUBTOTAL	3,161,940	570,000	410,000	280,000	(130,000)	(31.71%)
<u>OTHER CHARGES</u>						
7924 Interest - Prior Year	(60,928)	0	0	0	0	N/A
SUBTOTAL	(60,928)	0	0	0	0	N/A
<u>PRIOR YEAR ENCUMBRANCE EXPENSE</u>						
9852 PY Enc - Bldg / Imp	9,037	878,363	0	0	0	N/A
SUBTOTAL	9,037	878,363	0	0	0	N/A
TOTAL EXPENDITURES	3,110,049	1,448,363	410,000	280,000	(130,000)	(31.71%)
Outstanding Encumbrances - Net Change	(810,103)	0				
Capitalized Interest	(60,928)	0				
CIP Adjustment	(318,103)					
ENDING FUND BALANCE	(56,832)	132,761		3,851		

**FY 2014-15 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title: Storage Facilities

Section/Index No: 675405

Subject Title	Actual 2012-13	Estimated 2013-14	Adopted 2013-14	Requested 2014-15	Difference	Percent Change
BEGINNING FUND BALANCE	32,682	(1,688,286)		734,436		
REVENUES						
<u>USE OF MONEY / PROPERTY</u>						
1700 Interest on Pooled Cash	1,305	(12,941)	1,203	1,110	(93)	(7.73%)
SUBTOTAL	1,305	(12,941)	1,203	1,110	(93)	(7.73%)
<u>MISCELLANEOUS REVENUE</u>						
4102 Donations/Reimbursements	0	0	100,000	0	(100,000)	(100.00%)
4040 Miscellaneous		5,031				
4303 State Grant (Petaluma AQ - Caltrans Project)	276,092	0	0	0	0	N/A
SUBTOTAL	276,092	5,031	100,000	0	(100,000)	(100.00%)
<u>OTHER FINANCING SOURCES</u>						
4625 OT - W/in Special Dist	430,237	780,000	590,000	50,000	(540,000)	(91.53%)
SUBTOTAL	430,237	780,000	590,000	50,000	(540,000)	(91.53%)
TOTAL REVENUES	707,654	772,090	691,203	51,110	(640,093)	(92.61%)
EXPENDITURES						
<u>OTHER CHARGES</u>						
7920 Interest Payment				90,130	90,130	N/A
7924 Interest - Prior Year	(40,397)	(40,397)	0	0	0	N/A
SUBTOTAL	(40,397)	(40,397)	0	90,130	90,130	N/A
<u>FIXED ASSETS</u>						
8510 Buildings/Improvements	217,443	0	0	0	0	N/A
8543 Petaluma Aque Relocation	111	240,000	240,000	50,000	(190,000)	(79.17%)
9480 Intangible Asset	862	862	0	0	0	N/A
9162 Kawana to Ralphine Tanks	0	400,000	450,000	240,000	(210,000)	(46.67%)
SUBTOTAL	218,416	640,862	690,000	290,000	(400,000)	(57.97%)
<u>PRIOR YEAR ENCUMBRANCE EXPENSE</u>						
9852 PY Enc - Bldg / Imp / Equip	66,351	48,903	48,903	0	(48,903)	(100.00%)
SUBTOTAL	66,351	48,903	48,903	0	(48,903)	(100.00%)
TOTAL EXPENDITURES	244,370	649,368	738,903	380,130	(358,773)	(48.55%)
Advances from Aqueduct funds		2,300,000				
Principal payment on Loan from AQ funds				(42,297)		
Outstanding Encumbrances - Net C	66,351	0				
Capitalized Interest	(40,397)	0		0		
CIP Adjustment	(2,210,206)					
ENDING FUND BALANCE	(1,688,286)	734,436		363,119		

FY 14-15

Capital Improvement Projects

Project	Category	Amount
Petaluma Aq Relocation – Kastania (Caltrans Project)	Storage	50,000
Ralphine Tanks Flow Thru Conversion	Storage	140,000
24" Oakmont Pipeline Replacement	Storage	100,000
Local Hazard Mitigation Program - Program Design (for Future FEMA Funds)	Pipeline	15,000
LHMP - Program Design (for Future FEMA Funds)	Pipeline	15,000
LHMP - Program Design (for Future FEMA Funds)	Pipeline	15,000
Condition Assessment Study	Pipeline	15,000
SBS Electrical Upgrade and Pumping Reliability	Pipeline	220,000
Isolation Valves (FEMA Funds - \$1.9M)	Common	2,800,000
Mirabel Fish Screen/Fish Ladder (Dept of Fish and Wildlife Funds - \$1.18M)	Common	775,000
RR Crossing (FEMA Funds - \$2.9M)	Common	150,000
MW Creek Crossing (FEMA Funds - \$2.8M)	Common	310,000
Collector 6 Liquefaction Mitigation (for Future FEMA Funds)	Common	40,000
Collectors 3 and 5 Liquefaction Mitigation Predesign (for Future FEMA Funds)	Common	200,000
Mirabel-River Road Fiber Optic Cable (Install with RR Crossing Project)	Common	100,000
RDS Pump Replacement	Common	350,000
Caisson 6 Vaults	Common	150,000
Wohler Motor Replacements	Common	350,000
pH Pump Replacement	Common	100,000
Water Agency Westside Facility - offsetting revenue \$365,000	Common	365,000
SCADA Software and Hardware	Common	750,000
SCADA Upgrade	Common	1,250,000
		8,260,000
	Storage	290,000
	Pipeline	280,000
	Common	7,690,000

**FY 2014-15 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title: North Marin Water Deposit

Section/Index No: 675512

Subobject Title	Actual 2012-13	Estimated 2013-14	Adopted 2013-14	Requested 2014-15	Difference	Percent Change
BEGINNING FUND BALANCE	12,689	12,821		12,921		

REVENUES

USE OF MONEY / PROPERTY

1700 Interest on Pooled Cash	132	100	109	101	(8)	(7.52%)
SUBTOTAL	132	100	109	101	(8)	(7.52%)

Intergovernmental Revenue

2900 Other Government Agencies:	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A

MISCELLANEOUS REVENUES

4625 OT - W/in Special Dist	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A

TOTAL REVENUES	132	100	109	101	(8)	(7.52%)
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EXPENDITURES

OTHER CHARGES

8010 Contribution Non-Co Govt	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A

OTHER FINANCING USES

8625 OT - W/in Special Dist	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A

TOTAL EXPENDITURES	0	0	0	0	0	N/A
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ENDING FUND BALANCE	12,821	12,921		13,022		
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**FY 2014-15 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title:
Section/Index No:

Santa Rosa Aqueduct Capital Fund
675207

Subobject Title	Actual 2012-13	Estimated 2013-14	Adopted 2013-14	Requested 2014-15	Difference	Percent Change
BEGINNING FUND BALANCE	5,885,357	3,537,790		1,775,468		

REVENUES

USE OF MONEY / PROPERTY

1700 Interest on Pooled Cash	45,505	25,000	29,250	10,800	(18,450)	(63.08%)
1701 Interest Earned	0	90,130	90,130	90,130	0	0.00%
SUBTOTAL	45,505	115,130	119,380	100,930	(18,450)	(15.45%)

ADMINISTRATIVE CONTROL ACCOUNT

4210 Advances	0	0	0	42,297	42,297	N/A
4219 Advances - Clearing	0	0	0	(42,297)	(42,297)	N/A
SUBTOTAL	0	0	0	0	0	N/A

OTHER FINANCING SOURCES

4625 OT - W/in Special Dist	151,920	422,548	530,275	433,516	(96,759)	(18.25%)
SUBTOTAL	151,920	422,548	530,275	433,516	(96,759)	(18.25%)

TOTAL REVENUES	197,425	537,678	649,655	534,446	(115,209)	(17.73%)
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EXPENDITURES

OTHER FINANCING USES

8625 OT - W/in Special Dist	2,544,992	0	60,000	15,000	(45,000)	(75.00%)
SUBTOTAL	2,544,992	0	60,000	15,000	(45,000)	(75.00%)

TOTAL EXPENDITURES	2,544,992	0	60,000	15,000	(45,000)	(75.00%)
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Advances to Storage	(2,300,000)	0
Increase/(Decrease) in Loan Payable		0
Principal Receipt on Advance		42,297

ENDING FUND BALANCE	3,537,790	1,775,468	2,337,211
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**FY 2014-15 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title: Petaluma Aqueduct Capital Fund
 Section/Index No: 675215

Subsubject Title	Actual 2012-13	Estimated 2013-14	Adopted 2013-14	Requested 2014-15	Difference	Percent Change
BEGINNING FUND BALANCE	5,433,916	5,603,507		2,082,574		

REVENUES

USE OF MONEY / PROPERTY

1700 Interest on Pooled Cash	42,524	37,000	37,050	15,000	(22,050)	(59.51%)
1701 Interest Earned	0	160,526	160,526	160,526	0	0.00%
SUBTOTAL	42,524	197,526	197,576	175,526	(22,050)	(11.16%)

ADMINISTRATIVE CONTROL ACCOUNT

4210 Advances	0	0	0	75,466	75,466	N/A
4219 Advances - Clearing	0	0	0	(75,466)	(75,466)	N/A
SUBTOTAL	0	0	0	0	0	N/A

OTHER FINANCING SOURCES

4625 OT - W/in Special Dist	127,067	451,541	789,750	453,155	(336,595)	(42.62%)
SUBTOTAL	127,067	451,541	789,750	453,155	(336,595)	(42.62%)

TOTAL REVENUES	169,591	649,067	987,326	628,681	(358,645)	(36.32%)
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EXPENDITURES

OTHER FINANCING USES

8625 OT - W/in Special Dist	0	70,000	0	15,000	15,000	N/A
SUBTOTAL	0	70,000	0	15,000	15,000	N/A

TOTAL EXPENDITURES	0	70,000	0	15,000	15,000	N/A
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Advance to Common	(4,100,000)		0
Increase/(Decrease) in Loan Payable			0
Principal Receipt on Advance			75,466

ENDING FUND BALANCE	5,603,507	2,082,574	2,771,721
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**FY 2014-15 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title:

Sonoma Aqueduct Capital Fund

Section/Index No:

675231

Subobject Title	Actual 2012-13	Estimated 2013-14	Adopted 2013-14	Requested 2014-15	Difference	Percent Change
BEGINNING FUND BALANCE	176,164	266,724		650		
REVENUES						
<u>USE OF MONEY / PROPERTY</u>						
1700 Interest on Pooled Cash	1,379	1,500	2,925	1,200	(1,725)	(58.97%)
1701 Interest Earned	0	0	0	0	0	N/A
SUBTOTAL	1,379	1,500	2,925	1,200	(1,725)	(58.97%)
<u>OTHER FINANCING SOURCES</u>						
4625 OT - W/in Special Dist	89,182	142,425	257,736	81,765	(175,971)	(68.28%)
SUBTOTAL	89,182	142,425	257,736	81,765	(175,971)	(68.28%)
TOTAL REVENUES	90,560	143,925	260,661	82,965	(177,696)	(68.17%)
EXPENDITURES						
<u>OTHER FINANCING USES</u>						
8625 OT - W/in Special Dist	0	410,000	0	80,000	80,000	N/A
SUBTOTAL	0	410,000	0	80,000	80,000	N/A
TOTAL EXPENDITURES	0	410,000	0	80,000	80,000	N/A
ENDING FUND BALANCE	266,724	650		3,615		

**FY 2014-15 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title:

Water Management Planning

Section/Index No:

675710

Subobject Title	Actual 2012-13	Estimated 2013-14	Adopted 2013-14	Requested 2014-15	Difference	Percent Change
BEGINNING FUND BALANCE	294,019	357,800		364,556		
REVENUES						
<u>USE OF MONEY / PROPERTY</u>						
1700 Interest on Pooled Cash	3,069	2,000	2,275	2,100	(175)	(7.69%)
SUBTOTAL	3,069	2,000	2,275	2,100	(175)	(7.69%)
<u>Intergovernmental Revenue</u>						
2912 Town of Windsor	3,866	2,976	2,962	3,096	134	4.51%
SUBTOTAL	3,866	2,976	2,962	3,096	134	4.51%
<u>OTHER FINANCING SOURCES</u>						
4625 OT - W/in Special Dist	61,500	51,780	45,000	44,500	(500)	(1.11%)
SUBTOTAL	61,500	51,780	45,000	44,500	(500)	(1.11%)
TOTAL REVENUES	68,435	56,756	50,237	49,696	(541)	(1.08%)
EXPENDITURES						
<u>Services and Supplies</u>						
6523 District Operations	4,654	25,000	25,000	50,000	25,000	100.00%
6570 Consultant Svs	(2,710)	0	20,000	200,000	180,000	900.00%
SUBTOTAL	1,944	25,000	45,000	250,000	205,000	455.56%
<u>PRIOR YEAR ENCUMBRANCE EXPENSE</u>						
9650 PY Enc - Profess/Special	35,704	25,000	55,236	0	(55,236)	(100.00%)
SUBTOTAL	35,704	25,000	55,236	0	(55,236)	(100.00%)
TOTAL EXPENDITURES	37,648	50,000	100,236	250,000	149,764	149.41%
Outstanding Encumbrances - Net Change	32,994					
ENDING FUND BALANCE	357,800	364,556		164,252		

FY 2014-15 BUDGET
BEGINNING AND ENDING CASH SUMMARY

Section Title:

Watershed Planning/Restoration

Section/Index No:

675728

Subobject Title	Actual 2012-13	Estimated 2013-14	Adopted 2013-14	Requested 2014-15	Difference	Percent Change
BEGINNING FUND BALANCE	548,116	2,973,611		5,264,390		
REVENUES						
<u>USE OF MONEY / PROPERTY</u>						
1700 Interest on Pooled Cash	12,103	10,000	16,250	18,000	1,750	10.77%
SUBTOTAL	12,103	10,000	16,250	18,000	1,750	10.77%
<u>Intergovernmental Revenue</u>						
2912 Town of Windsor	287,469	259,837	259,837	252,835	(7,002)	(2.69%)
SUBTOTAL	287,469	259,837	259,837	252,835	(7,002)	(2.69%)
<u>OTHER FINANCING SOURCES</u>						
4625 OT - W/in Special Dist	4,573,599	4,520,942	3,947,000	3,634,500	(312,500)	(7.92%)
SUBTOTAL	4,573,599	4,520,942	3,947,000	3,634,500	(312,500)	(7.92%)
TOTAL REVENUES	4,873,207	4,790,779	4,223,087	3,905,335	(317,752)	(7.52%)
EXPENDITURES						
<u>Services and Supplies</u>						
6523 District Operations - RRIFR Program	1,566,141	2,000,000	2,507,000	2,693,500	186,500	7.44%
6540 Contract Services	27,702	500,000	0	0	0	N/A
6570 Consultant Services - RRIFR Program	98,012	0	1,060,000	1,276,000	216,000	20.38%
6800 Public/Legal Notices	92,547	0	30,000	0	(30,000)	(100.00%)
SUBTOTAL	1,965,760	2,500,000	3,597,000	3,969,500	372,500	10.36%
<u>Other Charges</u>						
7924 Interest PY	(6,942)	0	0	0	0	N/A
8010 Contribution Non-County Government	(6,942)	0	350,000	0	(350,000)	(100.00%)
SUBTOTAL	(6,942)	0	350,000	0	(350,000)	(1)
<u>FIXED ASSETS</u>						
9482 Amort WIP Outlay	164,677	0	0	0	0	N/A
SUBTOTAL	164,677	0	0	0	0	N/A
<u>PRIOR YEAR ENCUMBRANCE EXPENSE</u>						
9618 PY Enc-Maint Bldgs/Imp	0	0	10,712	0	(10,712)	(100.00%)
9650 PY Enc - Profess/Special	232,586	0	556,554	0	(556,554)	(100.00%)
SUBTOTAL	232,586	0	567,266	0	(567,266)	(100.00%)
TOTAL EXPENDITURES	2,356,080	2,500,000	4,514,266	3,969,500	(544,766)	(12.07%)
Outstanding Encumbrances - Net Change	(84,690)					
Capital Interest	(6,942)					
ENDING FUND BALANCE	2,973,611	5,264,390		5,200,224		

**FY 2014-15 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title: Recycled Water and Local Supply
 Section/Index No: 675736

Subobject Title	Actual 2012-13	Estimated 2013-14	Adopted 2013-14	Requested 2014-15	Difference	Percent Change
BEGINNING FUND BALANCE	969,504	958,788		812,860		
REVENUES						
<u>USE OF MONEY / PROPERTY</u>						
1700 Interest on Pooled Cash	11,777	6,500	6,500	4,500	(2,000)	(30.77%)
SUBTOTAL	11,777	6,500	6,500	4,500	(2,000)	(30.77%)
<u>Intergovernmental Revenue</u>						
2500 ST-Other	303,827	0	0	0	0	N/A
2912 Town of Windsor	56,706	77,529	77,529	88,196	10,667	13.76%
SUBTOTAL	360,533	77,529	77,529	88,196	10,667	13.76%
<u>MISCELLANEOUS REVENUE</u>						
4102 Donations/Reimbursements	58,760	135,000	135,000	170,000	35,000	25.93%
SUBTOTAL	58,760	135,000	135,000	170,000	35,000	25.93%
<u>OTHER FINANCING SOURCES</u>						
4625 OT - W/in Special Dist	929,694	1,348,935	1,177,685	1,267,819	90,134	7.65%
SUBTOTAL	929,694	1,348,935	1,177,685	1,267,819	90,134	7.65%
TOTAL REVENUES	1,360,764	1,567,964	1,396,714	1,530,515	133,801	9.58%
EXPENDITURES						
<u>Services and Supplies</u>						
6040 Communications	37	19	0	0	0	N/A
6060 Food	876	797	0	0	0	N/A
6140 Maint-Equipment	50	50	0	0	0	N/A
6180 Maint-Bldgs & Improvements	112	0	0	0	0	N/A
6400 Office Expense	203	203	0	0	0	N/A
6410 Postage	198	0	0	0	0	N/A
6430 Printing Supplies	417	1,344	0	0	0	N/A
6461 supplies/Expenses	979	1,143	0	0	0	N/A
6522 District Administration	0	0	0	0	0	N/A
6523 District Operations	423,739	500,597	296,000	455,000	159,000	53.72%
6540 Contract Services	39,271	80,000	0	0	0	N/A
6570 Consultant Services	25,063	0	530,000	490,000	(40,000)	(7.55%)
6610 Legal Services	1,669	1,793	4,731	1,883	(2,848)	(60.21%)
6630 Audit Services	0	0	0	0	0	N/A
6800 Public/Legal Notice	4,593	4,593	0	0	0	N/A
6820 Rents/Leases/Equipment	2,214	3,129	0	0	0	N/A
6840 Rents/Leases/Bldg/Imp	500	500	0	0	0	N/A
6880 Small Tools/Instruments	2,811	2,811	0	0	0	N/A
6889 Software	0	0	0	0	0	N/A
7022 Public Relations Exp	0	324	0	0	0	N/A
7201 Gas/Oil	0	0	0	0	0	N/A
7206 Equipment Usage	1,615	687	0	0	0	N/A
7217 State Permits/Fees	0	0	0	0	0	N/A
7277 Recycled Water Use	27,500	12,750	0	0	0	N/A
7302 Travel Expense	62	62	0	0	0	N/A
SUBTOTAL	531,910	610,802	830,731	946,883	116,152	13.98%

Section Title:
Section/Index No:

Recycled Water and Local Supply
675736

Subobject Title	Actual 2012-13	Estimated 2013-14	Adopted 2013-14	Requested 2014-15	Difference	Percent Change
<u>Other Charges</u>						
8010 Contribution Non-County Government (LRT2)	325,000	325,000	481,954	813,437	331,483	68.78%
SUBTOTAL	325,000	325,000	481,954	813,437	331,483	68.78%
<u>PRIOR YEAR ENCUMBRANCE EXPENSE</u>						
9618 PY Enc-Maint Bldgs/Imp	12,810	0	0	0	0	N/A
9650 PY Enc - Profess/Special	207,598	190,227	190,228	0	(190,228)	(100.00%)
9700 PY Enc - Special Dept Exp	10,000	185,705	185,705	0	(185,705)	(100.00%)
9801 PY Enc-Contrib Govmt Agency	0	324,629	324,629	0	(324,629)	(100.00%)
SUBTOTAL	230,408	700,561	700,562	0	(700,562)	(100.00%)
TOTAL EXPENDITURES	1,087,317	1,636,363	2,013,247	1,760,319	(252,928)	(12.56%)
Outstanding Encumbrances - Net Change	(237,457)					
Change in Windsor Reserve	(46,706)	(77,529)		(88,196)		
ENDING FUND BALANCE	958,788	812,860		494,860		

Water Transmission System Agency Fund
Local Supply / Recycled Water / Tier 2 Programs
Balance as of November 14, 2013

<i>Contractor</i>	<i>10-Year Allocation</i>	<i>Amount Approved by WAC</i>	<i>Amount Disbursed</i>	<i>Balance Available¹</i>	<i>Encumbered</i>
Santa Rosa	\$5,065,236	\$4,003,876	\$3,908,003	1,157,233	
Petaluma	2,197,913	2,197,913	2,197,913	0	
MMWD	1,724,026	1,000,000	1,000,000	724,026	
NMWD	1,846,726	1,846,726	1,846,726	0	
Rohnert Park	649,629	649,629	325,000	324,629	324,629
VOM WD	627,875	627,875	627,875	0	
Sonoma	539,411	450,000	264,294	275,117	185,706
Windsor	86,996	86,996	86,996	0	
Cotati	157,235	0	0	157,235	
Forestville	104,953	104,953	104,953	0	
TOTAL	\$13,000,000	\$10,967,968	\$10,361,760	\$2,638,240	

1. Balance Available based on 10-Year Allocation

Program started June 30, 2000 - No end date specified.

**FY 2014-15 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title:
Section/Index No:

Water Conservation	
675744	

Subobject Title	Actual 2012-13	Estimated 2013-14	Adopted 2013-14	Requested 2014-15	Difference	Percent Change
BEGINNING FUND BALANCE	17,394	(185,936)		103,987		
REVENUES						
USE OF MONEY / PROPERTY						
1700 Interest on Pooled Cash	2,013	4,917	1,365	600	(765)	(56.04%)
SUBTOTAL	2,013	4,917	1,365	600	(765)	(56.04%)
Intergovernmental Revenue						
2500 ST-Other	254,084	313,780	0	0	0	N/A
2900 Other Government Agencies	22,551	21,694	0	0	0	N/A
2911 City of Santa Rosa	0	0	0	0	0	N/A
2912 Town of Windsor	116,498	107,306	107,306	125,913	18,607	17.34%
SUBTOTAL	393,133	442,780	107,306	125,913	18,607	17.34%
Miscellaneous Revenue						
3980 Revenue Applicable to Prior Y	100	2,352	-	-	0	N/A
SUBTOTAL	100	2,352	0	0	0	N/A
OTHER FINANCING SOURCES						
4040 Miscellaneous Revenue	-	-	-	-	0	N/A
4102 Donations/Reimbursements	0	0	130,000	80,000	(50,000)	(38.46%)
4303 State Grants	0	0	510,000	130,000	(380,000)	(74.51%)
SUBTOTAL	0	0	640,000	210,000	(430,000)	(67.19%)
OTHER FINANCING SOURCES						
4625 OT - W/in Special Dist	1,923,183	1,867,022	1,730,000	1,810,000	80,000	4.62%
SUBTOTAL	1,923,183	1,867,022	1,730,000	1,810,000	80,000	4.62%
TOTAL REVENUES	2,318,428	2,317,070	2,478,671	2,146,513	(332,158)	(13.40%)
EXPENDITURES						
Services and Supplies						
6020 Clothing	235	235	0	0	0	N/A
6040 Communications	368	371	0	0	0	N/A
6060 Food	1,218	395	0	0	0	N/A
6140 Maint-Equipment	1,103	1,103	0	0	0	N/A
6180 Maint - Bldgs/Imp	9	9	0	0	0	N/A
6280 Memberships	1,444	(5,538)	0	0	0	N/A
6400 Office Supplies	3,028	2,798	0	0	0	N/A
6415 Books/Periodicals	907	1,196	0	0	0	N/A
6430 Printing Services	23,110	39,930	0	0	0	N/A
6461 Supplies/Expense	5,482	8,718	0	0	0	N/A
6516 Data Processing	3,269	3,269	0	0	0	N/A
6523 District Operations	1,251,558	720,069	1,070,000	1,070,000	0	0.00%
6536 Business Environmental Allia	14,859	14,860	0	0	0	N/A
6540 Contract Services	63,562	56,000	75,000	200,000	125,000	166.67%
6570 Consultant Services	729	0	0	0	0	N/A
6584 Trade Shows	0	0	20,000	20,000	0	0.00%
6610 Legal Services	2,356	2,245	0	0	0	N/A
6630 Audit/Accounting Services	0	0	0	0	0	N/A
6800 Public/Legal Notices	51,862	30,528	0	0	0	N/A
6820 Rents/Lease-Equipment	2,225	1,912	0	0	0	N/A
6840 Rents/Leases-Bldgs/Imp	200	200	0	0	0	N/A
6880 Small Tools/Instruments	8,546	8,442	0	0	0	N/A
6889 Software	0	3,000	0	0	0	N/A
6890 Computer Hardware	0	0	0	0	0	N/A
7022 Public Relations Expense	118,874	66,751	165,000	165,000	0	0.00%
7035 Signs	671	671	0	0	0	N/A
7120 Training-in-Service	4,800	350	0	0	0	N/A
7206 Equipment Usage Charge	10,984	5,000	0	0	0	N/A

Section Title:
Section/Index No:

Water Conservation
675744

Subsubject Title	Actual 2012-13	Estimated 2013-14	Adopted 2013-14	Requested 2014-15	Difference	Percent Change
7212 Chlorine Chem/Recorder	69	69	0	0	0	N/A
7247 Water Conservation	2,667	0	430,000	565,000	135,000	31.40%
7302 Travel Expense	3,523	4,724	0	0	0	N/A
7303 Private Car Expense	1,050	883	0	0	0	N/A
SUBTOTAL	1,578,706	968,190	1,760,000	2,020,000	260,000	NA
Other Charges						
8010 Contribution to Non-County	310,037	313,780	510,000	0	(510,000)	(100.00%)
SUBTOTAL	310,037	313,780	510,000	0	(510,000)	(100.00%)
PRIOR YEAR ENCUMBRANCE EXPENSE						
9650 PY Enc - Profess/Special	26,803	17,326	17,326	0	(17,326)	(100.00%)
9700 PY Enc - Special Dept Exp	54,234	28,984	28,984	0	(28,984)	(100.00%)
9801 PY Enc-Contrib Govmt Agenc	0	589,125	589,125	0	(589,125)	(100.00%)
SUBTOTAL	81,037	635,435	635,435	0	(635,435)	(100.00%)
TOTAL EXPENDITURES	1,969,781	1,917,405	2,905,435	2,020,000	(885,435)	(30.48%)
Outstanding Encumbrances	(541,754)					
Change in Windsor Reserve	(10,224)	(109,742)		(125,913)		
ENDING FUND BALANCE	(185,936)	103,987		104,587		

**FY 2014-15 BUDGET
CHARACTER JUSTIFICATION**

Department - Division: Sonoma County Water Agency - Water Transmission

Section Title: Water Conservation

Character Title: Use of Money and Property Character No.: 675744-17

1700 Interest on Pooled Cash

This account records interest on pooled cash held for the Agency by the County Treasurer's office. Estimated interest is projected based on cash on hand and current interest rate trends.

Estimated Average Cash Balance	100,000
Projected Interest Rate	0.60%
Projected/Planned Interest on Pooled Cash	\$600

Character Title: Intergovernmental Revenues Character No.: 675744-20

2912 Town of Windsor

This item records revenue earned from the Town of Windsor for water diverted from the Russian River using the Town's equipment. Restructured Agreement 4.17b

Character Title: Miscellaneous Revenues Character No.: 675744-40

4303 State Grants

This is for a grant from CA Water Foundation 130,000

Character Title: Other Financing Sources Character No.: 675744-46

4625 OT - W/in Special Dist - BOS

This item records transfers of funds from the O&M fund to provide for planned expenditures. \$1,810,000

Character Title: Services and Supplies Character No.: 675744-60

6523 District Operation

This item is requested to provide for the charging of salaries, benefits and overhead costs for staff assigned to projects budgeted within the Water Conservation Fund.

Water Conservation, Water Education and Public Affairs Staff 1,070,000
\$ 1,070,000

6540 Contract Services SAP Order No.
West County Transportation 7188 25,000
Economic Development Board & Green Business 7190 65,000
Take it From the Tap! Regional Program 110,000
\$ 200,000

6570 Consulting Services SAP Order No.
Sonoma County Fair 7189 20,000
\$ 20,000

7022 Public Relations
Partnership Outreach Campaign 7189 165,000
\$ 165,000

7247 Water Conservation SAP Order No.
School Education Program 285,000
Adult Ed Program (QWEL ESL Curriculum Program) 7188 35,000
Seminars, Workshops, and Training 2319 35,000
Saving Water Partnership Wholesaler Support 50,000
Garden Sense Program 2319 10,000
Outreach & Events (350 Home & Garden Challenge, Eco Friendly Garden, etc) 20,000
California Water Foundation Grant 130,000
\$ 565,000

Character Title: Other Charges Character No.: 675744-75

8010 Contribution Non-County Governments

This item is request to pass DWR grant monies through to other governments \$0

REVENUE BOND / STATE LOAN CHARGES - WATER RATES AND ESTIMATED REVENUES FOR FY 14-15

A. ANNUAL DEBT SERVICE REQUIREMENTS

	Common Facilities	Watershed Plan Restoration	Water Conservation	Storage Facilities	Sonoma Pipeline Facilities
2012 A Revenue Bond	675454	TBD	TBD	675462	675470
PRINCIPAL	\$206,388			\$147,393	\$121,221
INTEREST	169,205			120,804	99,193
FISCAL AGENT FEES	2,500			2,500	2,500
DEBT ISSUANCE COSTS	8,831			6,307	5,187
DISCOUNT/BONDS					
Total Individual Bond Payments	386,924	0		277,004	228,101
Bond Reserve	58,039	0		41,551	34,215
Total Individual Bond Debt Service	444,963	0		318,555	262,316
2006 A Revenue Bond	675496			675488	
PRINCIPAL	\$127,349			\$142,652	
INTEREST	215,446			241,334	
FISCAL AGENT FEES	2,500			2,500	
DEBT ISSUANCE COSTS	4,085			4,576	
DISCOUNT/BONDS					
Total Individual Bond Payments	349,380			391,062	0
Bond Reserve	52,407			58,659	0
Total Individual Bond Debt Service	401,787			449,721	0
2013 Capital Fund Loan Requirement					
PRINCIPAL	0				
INTEREST	0				
FISCAL AGENT FEES	0				
DEBT ISSUANCE COSTS	0				
DISCOUNT/BONDS	0				
Total Individual Loan Payments	0				
Loan Reserve					
Total Individual Loan Debt Service	0				
2013 Santa Rosa AQ Capital Fund Loan					
PRINCIPAL				42,297	
INTEREST				90,130	
FISCAL AGENT FEES				0	
DEBT ISSUANCE COSTS				0	
DISCOUNT/BONDS				0	
Total Individual Loan Payments				132,427	
Loan Reserve				0	
Total Individual Loan Debt Service	0			132,427	
2013 Petaluma AQ Capital Fund Loan					
PRINCIPAL	75,466				
INTEREST	160,526				
FISCAL AGENT FEES	0				
DEBT ISSUANCE COSTS	0				
DISCOUNT/BONDS	0				
Total Individual Loan Payments	235,992				
Loan Reserve					
Total Individual Loan Debt Service	235,992				
<u>1. 09/10 Financing Exp for Common Fac incl above until index established</u>	Mirabel Generators	TBD - RRIFR	TBD - Water Ed Bldg	TBD - Oakmont Pipeline	
PRINCIPAL	282,562				
INTEREST	43,146				
FISCAL AGENT FEES	0				
DEBT ISSUANCE COSTS	0				
Total Individual Bond Payments	325,708	0	0	0	0
Reserve	0	0	0	0	0
Total Individual Financing Debt Service	325,708	0	0	0	0

A. ANNUAL DEBT SERVICE REQUIREMENTS

	Common Facilities	Watershed Plan Restoration	Water Conservation	Storage Facilities	Sonoma Pipeline Facilities
SRF LOAN	675439				
PRINCIPAL	690,937			N.A	N.A
INTEREST	349,296			N.A	N.A
USE OF SRF LOAN FUND BALANCE - 675439					
Reserve Requirement	156,035				
Total SRF Debt Service	1,196,268				
SRF LOAN RESERVE	675447				
RESERVE				N.A	N.A
Total SRF Debt Service	1,196,268				
TOTAL DEBT SERVICE	\$2,604,718	\$0	\$0	\$900,703	\$262,316
LESS REV. FROM N. MARIN REV. BOND CHARGES	325,592				
REMAINING REVENUE REQUIREMENT	\$2,279,125	\$0	\$0	\$900,703	\$262,316

B. CALCULATIONS OF WATER RATES FOR FY 14-15

	Common Facilities Debt Service Charge	Watershed Plan Restoration Debt Service Charge	Water Conservation Debt Service Charge	Storage Facilities Revenue Bonds Charge	Sonoma Pipeline Facilities Revenue Bonds Charge
REVENUE REQUIREMENT	\$2,279,125.10	\$0	\$0	\$900,703	\$262,316
APPLICABLE BASE WATER DELIVERIES IN A.F.	34,232.36	55,571.8	55,571.8	34,232.36	4,193.1
CHARGES PER ACRE-FEET	\$66.58	\$0.00	\$0.00	\$26.31	\$62.56

C. CALCULATIONS OF NORTH MARIN REVENUE BONDS CHARGE

REVENUE REQUIREMENT FOR COMMON FACILITIES DEBT SERVICE (Remaining Facilities per RA 4.3a2)	2,368,726
N. MARIN'S SHARE (REV. REQMT. FOR COMMON FAC. DEBT SERVICE X (11.2/90.4))	293,470
ESTIMATED WATER DELIVERIES TO NORTH MARIN (IN A.F.)	6,401
NORTH MARIN REVENUE BONDS CHARGE	45.85

REVENUE REQUIREMENT FOR COMMON FACILITIES DEBT SERVICE (Additional Facilities per RA 4.3b9)	235,992
N. MARIN'S SHARE (REV. REQMT. FOR COMMON FAC. DEBT SERVICE X (19.9/146.2))	32,122
ESTIMATED WATER DELIVERIES TO NORTH MARIN (IN A.F.)	6,401
NORTH MARIN REVENUE BONDS CHARGE	5.02

<u>Common Facilities</u>			
Debt Service RA 4.3a2 (remaining facilities)	2,368,726		
N. Marin's Share (11.2/90.4)	293,470	Total Revenue Required	\$2,604,718
Estimated Water Deliveries to N. Marin	<u>6,400.8</u>	Debt service \$6.4M loan to Common	<u>(235,992)</u>
Applicable portion of the N. Marin R. Bonds Charge	\$45.85	Revenue base for NMWD	\$2,368,726
Debt Service RA 4.3b9 (additional facilities)	235,992	Per Agreement (Steve Shupe and Chris DeGabrielle - 3/2/12)	
N. Marin's Share (19.9/146.2)	32,122		
Estimated Water Deliveries to N. Marin	<u>6,401</u>	Update formula for the lesser of three years or 12 months average deliver	
Applicable portion of the N. Marin R. Bonds Charge	\$ 5.02		

**FY 2014-15 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title: Common Facilities Revenue Bonds - 2012 A

Section/Index No: 675454

Subsubject Title	Actual 2012-13	Estimated 2013-14	Adopted 2013-14	Requested 2014-15	Difference	Percent Change
BEG. FUND BALANCE	\$367,559	\$171,492		\$4,952		
REVENUES						
<u>USE OF MONEY / PROPERTY</u>						
1700 Interest on Pooled Cash	2,434	1,950	1,950	300	(1,650)	(84.62%)
SUBTOTAL	2,483	1,950	1,950	300	(1,650)	(84.62%)
<u>OTHER FINANCING SOURCES</u>						
4625 OT - W/in Special Dist	550,820	433,246	433,246	444,963	11,717	2.70%
SUBTOTAL	550,820	433,246	433,246	444,963	11,717	2.70%
TOTAL REVENUES	553,303	435,196	435,196	445,263	10,067	2.31%
EXPENDITURES						
<u>SERVICES AND SUPPLIES</u>						
6635 Fiscal Agent Fees	362	2,500	2,500	2,500	0	0.00%
6640 Debt Insurance Costs	8,830	8,831	0	8,831	8,831	N/A
SUBTOTAL	9,193	11,331	2,500	11,331	8,831	353.24%
<u>OTHER CHARGES</u>						
7920 Interest	166,110	170,021	170,021	169,205	(816)	(0.48%)
7922 Premium Call Bonds	(14,432)	0	0	0	0	N/A
SUBTOTAL	151,678	170,021	170,021	169,205	(816)	(0.48%)
<u>OTHER FINANCING USES</u>						
8625 OT - W/in Special Dist	400,000	225,000	470,000	0	(470,000)	(100.00%)
SUBTOTAL	400,000	225,000	470,000	0	(470,000)	(100.00%)
<u>ADMIN. CONTROL ACCOUNT</u>						
9200 Ent - Principal	204,215	204,215	204,215	206,388	2,173	1.06%
9209 Ent - Principal Clearing	(204,215)	(204,215)	(204,215)	(206,388)	(2,173)	1.06%
SUBTOTAL	0	0	0	0	0	N/A
TOTAL EXPENDITURES	560,870	406,352	642,521	180,536	(461,985)	(71.90%)
Proceeds from issuance	5,509,158					
2003A Bond Redemption	(5,334,446)					
2003A Deferred amount of refun	(155,738)					
Reclass of good faith on refundi	108,625					
Debt Issuance Costs	(176,609)					
Restricted cash with trustee (res	62,541					
Amortization of bond premium	(14,432)					
Amortization of deferred amount	7,787					
Amort. of Bond Issuance Costs	8,830	8,831		8,831		
Principal Payment	(204,215)	(204,215)		(206,388)		
ENDING FUND BALANCE	\$171,492	\$4,952		\$72,122		

**FY 2014-15 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title: Common Facilities Revenue Bonds 2006

Section/Index No: 675496

Subsubject Title	Actual 2012-13	Estimated 2013-14	Adopted 2013-14	Requested 2014-15	Difference	Percent Change
BEG. FUND BALANCE	\$236,562	\$238,110		\$6,174		
REVENUES						
<u>USE OF MONEY / PROPERTY</u>						
1700 Interest on Pooled Cash	1,922	975	975	180	(795)	(81.54%)
1701 Interest Earned	35	0	0	0	0	N/A
SUBTOTAL	1,957	975	975	180	(795)	(81.54%)
<u>OTHER FINANCING SOURCES</u>						
4625 OT - W/in Special Dist	401,774	397,308	397,308	401,787	4,479	1.13%
SUBTOTAL	401,774	397,308	397,308	401,787	4,479	1.13%
TOTAL REVENUES	403,731	398,283	398,283	401,967	3,684	0.92%
EXPENDITURES						
<u>SERVICES AND SUPPLIES</u>						
6635 Fiscal Agent Fees	1,164	2,500	2,500	2,500	0	0.00%
6640 Debt Insurance Costs	4,085	4,085	0	4,085	4,085	N/A
SUBTOTAL	5,249	6,585	2,500	6,585	4,085	163.40%
<u>OTHER CHARGES</u>						
7920 Interest	225,067	220,352	220,352	215,446	(4,906)	(2.23%)
7922 Premium-Call Bonds	(1,984)	0	0	0	0	N/A
SUBTOTAL	223,083	220,352	220,352	215,446	(4,906)	(2.23%)
<u>OTHER FINANCING USES</u>						
8625 OT - W/in Special Dist	58,036	530,000	310,000	0	(310,000)	(100.00%)
SUBTOTAL	58,036	530,000	310,000	0	(310,000)	(100.00%)
<u>ADMIN. CONTROL ACCOUNT</u>						
9200 Ent - Principal	117,916	122,633	122,633	127,349	4,716	3.85%
9209 Ent - Principal Clearing	(117,916)	(122,633)	(122,633)	(127,349)	(4,716)	3.85%
SUBTOTAL	0	0	0	0	0	N/A
TOTAL EXPENDITURES	286,368	756,937	532,852	222,031	(310,821)	(58.33%)
Amort of Bond Premium	(1,984)	0		0		
Amort. of Bond Issuance Costs	4,085	4,085		4,085		
Principal Payment	(117,916)	122,633		(127,349)		
ENDING FUND BALANCE	\$238,110	\$6,174		\$62,846		

**FY 2014-15 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title: Sonoma Aqueduct Revenue Bonds

Section/Index No: 675470

Subobject Title	Actual 2012-13	Estimated 2013-14	Adopted 2013-14	Requested 2014-15	Difference	Percent Change
BEGINNING FUND BALANCE	\$466,504	\$530,927		\$767		
REVENUES						
<u>USE OF MONEY / PROPERTY</u>						
1700 Interest on Pooled Cash	3,924	913	1,625	1,200	(425)	(26.15%)
1701 Interest Earned	38	0	0	0	0	N/A
SUBTOTAL	3,961	913	1,625	1,200	(425)	(26.15%)
<u>OTHER FINANCING SOURCES</u>						
4625 OT - W/in Special Dist	323,784	306,243	255,665	262,316	6,651	2.60%
SUBTOTAL	323,784	306,243	255,665	262,316	6,651	2.60%
TOTAL REVENUES	327,745	307,156	257,290	263,516	6,226	2.42%
EXPENDITURES						
<u>SERVICES AND SUPPLIES</u>						
6635 Fiscal Agent Fees	269	2,500	2,500	2,500	0	0.00%
6640 Debt Insurance Costs	5,186	5,187	0	5,187	5,187	N/A
SUBTOTAL	5,455	7,687	2,500	7,687	5,187	207.48%
<u>OTHER CHARGES</u>						
7920 Interest	97,574	99,873	99,873	99,193	(680)	(0.68%)
7922 Premium Call Bonds	(8,477)	0	0	0	0	N/A
SUBTOTAL	89,097	99,873	99,873	99,193	(680)	(0.68%)
<u>OTHER FINANCING USES</u>						
8625 OT - W/in Special Dist	58,049	615,000	200,000	41,000	(159,000)	(79.50%)
SUBTOTAL	58,049	615,000	200,000	41,000	(159,000)	(79.50%)
<u>ADMIN. CONTROL ACCOUNT</u>						
9200 Ent - Principal	119,944	119,944	119,944	121,221	1,277	1.06%
9209 Ent - Principal Clearing	(119,944)	(119,944)	(119,944)	(121,221)	(1,277)	1.06%
SUBTOTAL	0	0	0	0	0	N/A
TOTAL EXPENDITURES	152,602	722,560	302,373	147,880	(154,493)	(51.09%)
Proceeds from issuance	3,235,758					
2003A Bond Redemption	(3,132,928)					
2003A Deferred amount of refunding	(91,686)					
Reclass of good faith on refunding t	63,800					
Debt Issuance Costs	(103,730)					
Restricted cash with trustee (reserv	36,716					
Amortization of Premium bond disc	(8,477)					
Amortization of deferred amount of i	4,584					
Amort. of Bond Issuance Costs	5,186	5,187		5,187		
Principal Payments on Bonds	(119,944)	(119,944)		(121,221)		
ENDING FUND BALANCE	\$530,927	\$767		\$369		

**FY 2014-15 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title:

Storage Facilities Revenue Bond - 2012A

Section/Index No:

675462

Subobject Title	Actual 2012-13	Estimated 2013-14	Adopted 2013-14	Requested 2014-15	Difference	Percent Change
BEGINNING FUND BALANCE	\$363,409	\$273,193		\$4,152		
REVENUES						
<u>USE OF MONEY / PROPERTY</u>						
1700 Interest on Pooled Cash	2,658	500	650	90	(560)	(86.15%)
1701 Interest Earned	4	0	0	0	0	N/A
SUBTOTAL	2,663	500	650	90	(560)	(86.15%)
<u>OTHER FINANCING SOURCES</u>						
4625 OT - W/in Special Dist	393,731	310,186	310,186	318,555	8,369	2.70%
SUBTOTAL	393,731	310,186	310,186	318,555	8,369	2.70%
TOTAL REVENUES	396,394	310,686	310,836	318,645	7,809	2.51%
EXPENDITURES						
<u>SERVICES AND SUPPLIES</u>						
6635 Fiscal Agent Fees	296	2,500	2,500	2,500	0	0.00%
6640 Debt Insurance Costs	6,306	6,307	0	6,307	6,307	N/A
SUBTOTAL	6,603	8,807	2,500	8,807	6,307	252.28%
<u>OTHER CHARGES</u>						
7920 Interest	118,593	121,386	121,386	120,804	(582)	(0.48%)
7922 Premium Call Bonds	(10,307)	0	0	0	0	N/A
SUBTOTAL	108,286	121,386	121,386	120,804	(582)	(0.48%)
<u>OTHER FINANCING USES</u>						
8625 OT - W/in Special Dist	237,125	310,000	290,000	50,000	(240,000)	(82.76%)
SUBTOTAL	237,125	310,000	290,000	50,000	(240,000)	(82.76%)
<u>ADMIN. CONTROL ACCOUNT</u>						
9200 Ent - Principal	145,841	145,841	145,841	147,393	1,552	1.06%
9209 Ent - Principal Clearing	(145,841)	(145,841)	(145,841)	(147,393)	(1,552)	1.06%
SUBTOTAL	0	0	0	0	0	N/A
TOTAL EXPENDITURES	352,014	440,193	413,886	179,611	(234,275)	(56.60%)
Increase in Bonds Payable	0	0		0		
Proceeds from issuance	3,934,388					
2003A Bond Redemption	(3,810,319)					
2003A Deferred amount of refunc	(110,519)					
Reclass of good faith on refundin	77,575					
Debt Issuance Costs	(126,126)					
Restricted cash with trustee (rese	44,721					
Amortization of Premium bond di	(10,307)					
Amortization of deferred amount	5,526					
Amort. of Bond Issuance Costs	6,306	6,307		6,307		
Principal Payment	(145,841)	(145,841)		(147,393)		
ENDING FUND BALANCE	\$273,193	\$4,152		\$2,099		

**FY 2014-15 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title: Storage Facilities Revenue Bonds 2006

Section/Index No: 675488

Subobject Title	Actual 2012-13	Estimated 2013-14	Adopted 2013-14	Requested 2014-15	Difference	Percent Change
BEGINNING FUND BALANCE	\$535,892	\$411,211		\$711		
REVENUES						
<u>USE OF MONEY / PROPERTY</u>						
1700 Interest on Pooled Cash	3,903	1,495	1,495	180	(1,315)	(87.96%)
SUBTOTAL	3,943	1,495	1,495	180	(1,315)	(87.96%)
<u>OTHER FINANCING SOURCES</u>						
4625 OT - W/in Special Dist	449,964	444,703	444,703	449,721	5,018	1.13%
SUBTOTAL	449,964	444,703	444,703	449,721	5,018	1.13%
TOTAL REVENUES	453,907	446,198	446,198	449,901	3,703	0.83%
EXPENDITURES						
<u>SERVICES AND SUPPLIES</u>						
6635 Fiscal Agent Fees	1,278	2,500	2,500	2,500	0	0.00%
6640 Debt Insurance Costs	4,575	4,576	0	4,576	4,576	N/A
SUBTOTAL	5,854	7,076	2,500	7,076	4,576	183.04%
<u>OTHER CHARGES</u>						
7920 Interest	252,112	246,830	246,830	241,334	(5,496)	(2.23%)
7922 Premium-Call Bonds	(2,223)	0	0	0	0	N/A
SUBTOTAL	249,889	246,830	246,830	241,334	(5,496)	(2.23%)
<u>OTHER FINANCING USES</u>						
8625 OT - W/in Special Dist	193,112	470,000	300,000	0	(300,000)	(100.00%)
SUBTOTAL	193,112	470,000	300,000	0	(300,000)	(100.00%)
<u>ADMIN. CONTROL ACCOUNT</u>						
9200 Ent - Principal	132,084	137,368	137,368	142,652	5,284	3.85%
9209 Ent - Principal Clearing	(132,084)	(137,368)	(137,368)	(142,652)	(5,284)	3.85%
SUBTOTAL	0	0	0	0	0	N/A
TOTAL EXPENDITURES	448,855	723,906	549,330	248,410	(300,920)	(54.78%)
Amort. of Bond Issuance Costs	2,353	4,576		4,576		
Principal Payment	(132,085)	(137,368)		(142,652)		
ENDING FUND BALANCE	\$411,211	\$711		\$64,127		

**FY 2014-15 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title: State Loan Debt Service Fund

Section/Index No: 675439

Subobject Title	Actual 2012-13	Estimated 2013-14	Adopted 2013-14	Requested 2014-15	Difference	Percent Change
BEGINNING FUND BALANCE	\$392,782	\$538,089		\$889,061		
REVENUES						
<u>USE OF MONEY / PROPERTY</u>						
1700 Interest on Pooled Cash	8,176	4,000	4,550	1,500	(3,050)	(67.03%)
1701 Interest Earned	0	0	0	0	0	N/A
SUBTOTAL	8,176	4,000	4,550	1,500	(3,050)	(67.03%)
<u>OTHER FINANCING SOURCES</u>						
4625 OT - W/in Special Dist	1,196,268	1,196,268	1,196,268	1,196,268	(0)	(0.00%)
SUBTOTAL	1,196,268	1,196,268	1,196,268	1,196,268	(0)	(0.00%)
TOTAL REVENUES	1,204,444	1,200,268	1,200,818	1,197,768	(3,050)	(0.25%)
EXPENDITURES						
<u>OTHER CHARGES</u>						
7930 Interest - LT Debt	368,199	349,296	349,296	349,296	0	0.00%
SUBTOTAL	368,199	349,296	349,296	349,296	0	0.00%
<u>OTHER FINANCING USES</u>						
8625 OT - W/in Special Dist	0	500,000	0	0	0	N/A
SUBTOTAL	0	500,000	0	0	0	N/A
<u>ADMIN. CONTROL ACCOUNT</u>						
9200 Ent - Principal	0	0	690,937	690,937	0	0.00%
9209 Ent - Principal Clearing	0	0	(690,937)	(690,937)	0	0.00%
SUBTOTAL	0	0	0	0	0	N/A
TOTAL EXPENDITURES	368,199	849,296	349,296	349,296	0	0.00%
Principal Payment	(672,033)	0		(690,937)		
Change in Due to Other Gov	(18,904)					
ENDING FUND BALANCE	\$538,089	\$889,061		\$1,046,596		

**FY 2014-15 BUDGET
BEGINNING AND ENDING CASH SUMMARY**

Section Title: State Loan Reserve Fund

Section/Index No: 675447

Subsubject Title	Actual 2012-13	Estimated 2013-14	Adopted 2013-14	Requested 2014-15	Difference	Percent Change
BEGINNING FUND BALANCE	\$0	\$0		\$0		

REVENUES

USE OF MONEY / PROPERTY

1700 Interest on Pooled Cash	8,917	3,000	6,500	0	(6,500)	(100.00%)
1701 Interest Earned	0	0	0	0	0	N/A
SUBTOTAL	8,917	3,000	6,500	0	(6,500)	(100.00%)

OTHER FINANCING SOURCES

4625 OT - W/in Special Dist	119,627	0	0	0	0	N/A
SUBTOTAL	119,627	0	0	0	0	N/A
TOTAL REVENUES	128,544	3,000	6,500	0	(6,500)	(100.00%)

EXPENDITURES

OTHER FINANCING USES

8625 OT - W/in Special Dist	0	0	0	0	0	N/A
SUBTOTAL	0	0	0	0	0	N/A
TOTAL EXPENDITURES	0	0	0	0	0	N/A
Reserve Unavail. for Budgeting	(128,544)	(3,000)		0		

ENDING FUND BALANCE	\$0	\$0	\$0
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**Fund Balance Components at
Beginning of FY**

Cash

\$41,091	\$41,456
\$1,111,730	\$1,240,274

FY 2014-15 BUDGET
Water Transmission System Operating Transfers

Fund	Index	OT Out (8625)	To	OT In (4625)	Beginning Fund Balance	Ending Fund Balance	Increase (Decrease)
Santa Rosa Aq. Capital Fund	675207	15,000	Pipeline Facilities	433,516	\$ 1,775,468	\$ 2,337,211	\$ 561,743
Petaluma Aq. Capital Fund	675215	15,000	Pipeline Facilities	453,155	\$ 2,082,574	\$ 2,771,721	\$ 689,147
Sonoma Aq. Capital Fund	675231	80,000		81,765	\$ 650	\$ 3,615	\$ 2,965
Sonoma Rev Bond 2012 Fund	675470	41,000	Pipeline Facilities	262,316	\$ 767	\$ 370	\$ (398)
Storage Rev Bond 2012 Fund	675462	50,000	Storage Facilities	318,555	\$ 4,152	\$ 2,100	\$ (2,052)
Storage Rev Bond 2006 Fund	675488	0	Storage Facilities	449,721	\$ 713	\$ 64,128	\$ 63,415
Common Rev Bond 2012 Fund	675454	0	Common Facilities	444,963	\$ 4,952	\$ 72,122	\$ 67,170
Common Rev Bond 2006 Fund	675496	0	Common Facilities	401,787	\$ 6,174	\$ 62,846	\$ 56,672
State Loan Debt Service	675439	0		1,196,268	\$ 889,063	\$ 1,046,598	\$ 157,535
State Loan Reserve	675447	0		0	\$ -	\$ -	\$ -
Capital Lease Financing	675371	0		0	\$ 32	\$ 32	\$ -
Agency Fund (Discretionary)	675108	2,230,819	Common Facilities	0	\$ 6,684,780	\$ 7,193,776	\$ 508,996
Agency Fund (Charges)	675108	11,124,573		0	\$ -	\$ -	\$ -
Pipeline Facilities	675413			151,000	\$ 132,761	\$ 3,851	\$ (128,910)
Storage Facilities	675405			50,000	\$ 734,436	\$ 363,119	\$ (371,317)
Common Facilities	675421	0		2,556,527	\$ 3,317,789	\$ 249,505	\$ (3,068,284)
North Marin	675512	0		0	\$ 12,922	\$ 13,023	\$ 101
Water Management Planning	675710			44,500	\$ 364,557	\$ 164,252	\$ (200,304)
Watershed Planning./Restoration	675728			3,634,500	\$ 5,264,390	\$ 5,200,225	\$ (64,165)
Recycled Water & Local Supply	675736			1,267,819	\$ 812,860	\$ 494,860	\$ (318,000)
Water Conservation	675744			1,810,000	\$ 103,988	\$ 104,588	\$ 600
Total		13,556,392		13,556,392	22,193,029	20,147,941	(2,045,087)

Common Facilities OT - in 4625 From

Water Transmission (discretionary)	2,230,819
Water Transmission (Charges)	325,708
North Marin	-
2012 Bond Fund	-
2006 Bond Fund	-
	<u>2,556,527</u>


Agency Fund (Charges) OT - Out

Santa Rosa Aq. Capital Fund	433,516.16
Petaluma Aq. Capital Fund	453,154.79
Sonoma Aq. Capital Fund	81,765.05
Sonoma Rev Bond 2012 Fund	262,316.15
Storage Rev Bond 2012 Fund	318,554.60
Storage Rev Bond 2006 Fund	449,721.30
Common Rev Bond 2012 Fund	444,962.60
Common Rev Bond 2006 Fund	401,787.00
State Loan Debt Service	1,196,267.95
State Loan Reserve	0.00
Common Facilities	325,708.00
Water Management Planning	44,500
Watershed Planning./Restoration	3,634,500
Recycled Water & Local Supply	1,267,819
Water Conservation	<u>1,810,000</u>
	<u>11,124,573</u>

MEMORANDUM

To: Water Advisory Committee

March 27, 2014

From: Chris DeGabriele, TAC Chairman 

Subj: Accept SCWA Water Shortage Allocation Methodology Update
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RECOMMENDED ACTION: WAC Accept the SCWA Water Shortage Allocation Methodology Update

Attachment 1 is the Water Shortage Allocation Methodology Preface Statement from the Water Shortage Allocation Methodology Report prepared for Sonoma County Water Agency by Brown and Caldwell. As stated in the preface statement, the Technical Advisory Committee has been working with SCWA and its consultants since September 2012 on an update of the allocation model. Section 3.5 of the Restructured Agreement requires that SCWA have an adopted Water Shortage Allocation Model available at all times.

At the February 3rd WAC meeting, the WAC and TAC members received a presentation from the consultant on the model.

This model is for a water shortage in the Russian River, not a shortage of Transmission System Capacity. The model is divided into two components: 1) for annual shortage, and 2) for a peak or monthly shortage.

The model as currently established includes recognizing local supplies at 75% of the respective estimated annual quantity and daily capacity and limits Marin Municipal Water District daily capacity allocation to 4MGD from May 1st through September 30th, approximately consistent with their off peak water supply agreement.

It's understood by the parties that available quantities and capacities for local supply will be dependent on circumstances which occur during an actual shortage and the parties have agreed that the model will be adjusted coincident with any actual shortage to reflect the local supply that may be available at that time. The 3-year averages used in developing the model will be updated with the latest available information prior to implementation. The parties have committed to use the maximum local supply capacity available during monthly shortage conditions to benefit local and regional water supply reliability.

The available quantities and capacities of SCWA supply in this model update reflect a 3% allowance for transmission system losses, something that was not included in the prior version circa (2006) of the allocation model. The preface statement recommends that these

**April 7, 2014 WAC/TAC Mtg
Agenda Item #8**

water loss amounts be verified subsequent to actual deliveries and that the actual transmission system losses be distributed prior to application of any liquidated damages.

Finally, the Restructured Agreement enables the Water Contractors to agree on an alternate allocation methodology provided the WAC unanimously approves such alternate allocation.

At the March 3rd TAC meeting the City of Petaluma raised concerns regarding demand hardening application in the model for entities with “water-centric” industries (breweries and bottling companies). The TAC did accept the updated methodology as now configured for a period of 7 months with an automatic extension through June 2016, wherein Petaluma’s concerns will be investigated. My understanding is that the Agency will consider this “qualified” acceptance as the alternate allocation methodology. Considering the current water year and water shortage conditions, the shortage allocation methodology update may be needed at some point within this qualified period and the TAC recommends the WAC also accept the updated methodology.

Recommendation

WAC accept the SCWA Water Shortage Allocation Methodology Update for a period of 7 months with an automatic extension through June 2016 with the understanding that within this time the TAC and SCWA will investigate the City of Petaluma’s concerns.

Allocation Model Preface Statement

January 29, 2013

Since September 2012, the Technical Advisory Committee (TAC) has been working with Sonoma County Water Agency (Agency) and its' consultant on an update of the Allocation Model (AM) which was originally prepared by Jon Nelson in April 2006 and adopted by the Agency's Board of Directors on April 18, 2006. The Restructured Agreement for Water Supply (RA) requires the Agency to have an adopted water shortage allocation methodology available at all times, consistent with RA Section **3.5 Shortage of Water and Apportionment**, to inform each Customer of the water that would be available to that Customer pursuant to the terms of RA Section 3.5(a). The methodology is reflected in an excel spreadsheet calculation which distributes available supply or available capacity to the Water Contractors, Marin Municipal Water District (MMWD) and Other Agency Customers. To date an Ad Hoc committee of the TAC has reviewed, commented and recommended changes to the proposed AM update for both Annual Allocation and Monthly Allocation Models for water available in the Russian River (RA Section 3.5(a)). Neither the TAC nor the Agency has yet dealt with the methodology or model to consider a temporary impairment of the capacity of the Transmission System pursuant to RA Section 3.5(b).

The TAC recommendations, now incorporated in the AM update, include recognizing local supplies at 75% of the respective estimated annual quantity and daily capacity and is based on a MMWD daily capacity allocation of 4MGD from May 1 through September 30. The parties acknowledge that the available quantities and capacities for local supply will be dependent on circumstances occurring from time to time during an actual shortage condition and agree that the AM will need adjustment coincident with the actual shortage to reflect the local supply at that time as was done in 2009. The parties are committed to use the maximum local supply capacity available during monthly shortage conditions to benefit local and regional water supply reliability.

The parties acknowledge that the available quantities and capacities of Agency Supply in the AM reflect a 3% allowance for Transmission System Losses and recommend that these amounts be verified subsequent to actual deliveries and the actual Transmission System losses be distributed prior to application of liquidated damages pursuant to Section 3.5(e) of the RA.

Furthermore, RA Agreement Section 3.5(f) enables the parties to agree on an alternate allocation methodology, provided the Water Advisory Committee unanimously approves such alternate allocation methodology.

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DISBURSEMENTS - DATED MARCH 20, 2014**Item #12**

Date Prepared: 3/18/14

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:


<u>Seq</u>	<u>Payable To</u>	<u>For</u>	<u>Amount</u>
1	Alpha Analytical Labs	Lab Testing (W.M. & Novato)	\$1,588.00
2	AT&T	Telephone Charges - Voice Lines	181.98
3	Bank of Marin	Bank of Marin Loan Principal & Interest (Pymt 29 of 240)	46,066.67
4	Bear Paw Magnetic Tools	Steel Plate Safety Magnet w/ Handle (2)	872.07
5	Business Card	Birthday Breakfasts (\$150), Switch for Cordless Tool (\$70), Registration for AWWA Conference in Anaheim (3/24-3/25) (\$285) (Goodpaster), Business Lunch (\$54), Video Cable (\$10) (Lab), Steel Pipe Installation Guide (\$94) & Bid Advertisement for Gallagher Well (\$548)	1,211.34
6	California Water Service	January - March Water Service (O.M.) (O ccf)	139.73
7	California State Disbursement	Wage Assignment Order	1,018.50
8	Cosentino, Sharon	To Reimburse for Fencing Installed in Connection with AEEP B3 Tree Removal Project (93% Reimbursed by Caltrans)	8,377.00
9	Costco Wholesale	Coffee (\$99) & Cleaning Supplies	134.55
10	Diggs, James	Retiree Exp Reimb (March Health Ins)	1,017.68
11	Feneide, Lindy	Novato "Washer Rebate" Program	50.00
12	Golden Gate Petroleum	Grease, Shell Omala & Lube Oil (\$589) (STP), Gasoline (\$3.71/gal) & Diesel (\$3,190)	3,778.61
13	Hach	Vials (12) (Lab)	78.11
14	Hansel Auto Group	Replace Ignition Lock & Recode Other Lock Cylinders ('05 Honda Civic)	1,179.37
15	Journey Ford/Lincoln	Power Brake Booster (\$329) ('08 F250), "O" Rings Seals (4), Battery (\$132) ('12 F250) & Motor Oil (12 qts)	537.45

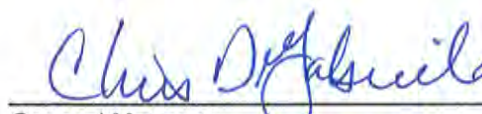
Seq	Payable To	For	Amount
16		Cafeteria Plan: Uninsured Medical Reimbursement	8.00
17	Lansburg, Robert	Novato "Washer Rebate" Program	50.00
18	Larsengines	Chain Saw Bar, Brake & Lever	203.48
19	Leighton Stone	Solenoid Control Valve	504.94
20	Lincoln Life	Deferred Compensation PPE 3/15/14	12,233.74
21	Loyster, Sara	West Marin "Washer Rebate" Program	50.00
22	Maltby Electric	Seal Compound (20 - 21.2 oz) (\$958) & Cable Splicing Kit (\$1,041)	1,999.27
23	Marin County Treasurer	Semi-Annual Bond Service PRE-1 Revenue Bond	12,050.00
24	Matchette, Tim	Retiree Exp Reimb (March Health Ins)	349.23
25	MegaPath	DSL Internet (3/12/14-4/11/14)	142.88
26	Moore, Doug	Retiree Exp Reimb (March Health Ins)	943.40
27	Moore, Greg	Novato "Toilet Rebate" Program	100.00
28	Nationwide Retirement Solution	Deferred Compensation PPE 3/15/14	1,025.00
29	New Pig	Rubber & Mechanical Gloves (4) (STP)	112.40
30	Niagara Conservation	HET Toilets Used for Customer Giveaway (100)	14,999.75
31	Novato Sanitary District	Semi-Annual Sewer Service Charges (13-14) (\$1,713) & Recycled Water - November 2013 (\$9,447)	11,159.62
32	Novato Chevrolet	Spark Plugs Wire Shields (8), Brake Rotors, Pad Kit (\$431) ('04 Chevy 1500)	487.80
33	Office Depot	Drawer Organizer, Scissors, Parchment Paper (100) (\$31), Stapler, Binders (6) & Chairmat (Solar) (\$100)	181.40

Seq	Payable To	For	Amount
34	Pace Supply	Saddles (2) (\$1,090), Meter Stops (4) (\$128), Elbows (5) (\$287), Bushings (2), Hub Adaptors (4) (\$205), Flange, Nipples (6) (\$185), PVC Pipe (120) (\$333), Coupling, Valves (2) (\$221), Telescoping Barrel (\$582), Fire Detection Control, Caps (2) & Spools (3) (\$325)	3,509.03
35	Pape Machinery	Hydraulic Oil (15 gal) (\$186), Hydraulic Hose (240') (\$235) & Hydraulic Tank Level Gauge	521.73
36	Pariani, Colleen	Novato "Washer Rebate" Program	50.00
37	NMWD Petty Cash	Petty Cash Reimbursement	126.59
38	PG&E	Power: Bldgs/Yard (\$2,845), Rectifier/Controls (\$391), Pumping (\$24,708), Treatment (\$132) & Other (\$100)	28,176.02
39	Phillips & Associates	March O & M of OM Wastewater Treatment System	5,311.43
40	Pleasant Valley 44 HOA	Claim Settlement-Reimbursement for Plumbers Bill	315.00
41	Ramudo, Pablo	Exp Reimb: Registration for BAWWA (\$50), Mileage (\$204), Bridge Tolls (\$15) & Parking (\$7)	275.84
42	Richards Family Trust	Novato "Toilet Rebate" Program	200.00
43	Roberts & Brune	Connection Rings (19)	62.13
44	Roberts, Renee	Retiree Exp Reimb (March Health Ins)	349.23
45	Rupp, Steve	Exp Reimb: Class A Driver Physical	125.00
46	Scuitto, D J	Refund Credit on Open Account	100.00
47	Sebastopol Bearing & Hydraulic	Brake Air Line Coupling (\$85), Air Hose Covers, "D" Ring, Bracket & Air Connector Hose (\$65)	213.63
48	Sequoia Safety Supply	Safety Gloves (7), Brief Relief Urine Bags (100) (\$231)	250.31
49	Sonoma County Water Agency	October-December Conservation Program Support	12,356.04

Seq	Payable To	For	Amount
50	Sosa, Edison	Novato "Toilet Rebate" Program (\$300) & Refund Alternative Compliance Reg 15 Deposit (\$945)	1,245.00
51	Staples Advantage	Label Tape, Rubberbands & Binders (6) (\$35)	60.53
52	Stern, Craig	Novato "Toilet Rebate" Program	100.00
53	Tar, Michael & Natalie	Novato "Cash for Grass" Program	400.00
54	Ultra Scientific	Magnesium, Lithium & Potassium Standards (Lab)	89.85
55	US Bank	February Safekeeping Fee - Treasury Securities	55.75
56	Ventura, Vernon	Novato "Toilet Rebate" Program	100.00
57	Verizon California	Telephone Charges-Leased Lines	381.26
58	Waste Management	Dispose of Pallets (14 yds)	545.42
59	White & Prescott	Engineering Services: Klatt Access Easement (Bal Remaining on Contract \$1,005)	1,120.00
60	Williford, Velma	Novato "Washer Rebate" Program	50.00
61	Winzer	Nuts, Bolts, Washers, Wheel Weights, Wire Ties for Auto Shop	442.07
		TOTAL DISBURSEMENTS	<u>\$179,363.83</u>

The foregoing payroll and accounts payable vouchers totaling \$179,363.83 are hereby approved and authorized for payment.

 3/19/14
 Auditor-Controller Date

 3/18/2014
 General Manager Date

DISBURSEMENTS - DATED MARCH 27, 2014

Date Prepared: 3/25/14


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 PPE 3/15/14	\$113,643.16
EFT*	US Bank	Federal & FICA Taxes PPE 3/15/14	48,673.22
EFT*	State of California	State Taxes & SDI PPE 3/15/14	8,563.19
1	Aberegg, Michael	Drafting Services: Inn Marin Meter Change & Fire Hydrants & Stafford Flushing Connection (Balance Remaining on contract \$15,282)	385.00
2	Agile Business & Technology	Accounting Software Support: Move Accounting Software to New Server & Payroll Modifications	3,503.75
3	American Family Life Ins	March Employee Contribution for Accident, Disability & Cancer Insurance	4,195.49
4	AT&T	Telephone Charges: Leased Lines	63.12
5	Badger Meter	1 1/2" Water Meters (4) (\$1,258) & 2" Compound Meter (\$1,420)	2,678.48
6	Bastogne	Refund Overpayment on Closed Account	68.00
7	Borges & Mahoney	Replacement Sensor Unit for Chlorine Gas Leak Detector (STP)	499.84
8	CalPERS Retirement System	Pension Contribution PPE 3/15/14	48,084.37
9	CSW/Stuber-Stroeh Engineering	Engineering Services: NMWD Aqueduct Energy Efficiency Project (Balance Remaining on Contract \$10,630)	16,322.51
10	Digital Prints & Imaging	20 Sets of Specs & 20 Color Sets of Drawings (24" x 36") (Gallagher Well Pipeline)	2,015.57
11	E & M	Wonderware Software Support Renewal & Licenses (Distribution) (Budget \$7,400)	7,185.98
12	Environmental Science Assoc	Progress Pymt#31: CEQA Compliance -Tree Removal for Aqueduct Energy Efficiency Project (Balance Remaining on Contract \$12,960)	11,187.50

Seq	Payable To	For	Amount
13	GHD	Engineering Services: Aqueduct Relocation (Balance Remaining on Contract \$50,384)	7,534.50
14	Golden Gate Petroleum	Synthetic Hydraulic Oil (15 gal) (STP)	312.43
15	Grainger	Electrical Tape (10)	40.89
16	Hayes, Charles & Rita	Novato "Toilet Rebate" Program	50.00
17		Vision Reimbursement	282.95
18	InfoSend	February Processing Fee for Water Bills (\$1,359) & Postage (\$3,961)	5,319.94
19	Justice, Craig	Novato "Washer Rebate" Program	50.00
20	KP Promotions	T-shirts (12) (Lab)	163.50
21	Larsengines	Pressure Washer Parts	70.59
22	Maltby Electric	Brackets for PRTP Chemical Pump (\$21) (\$461) & Conduit Clamps (24)	492.08
23	Marin Color Service	Paint (1 gal)	33.51
24	Maselli & Sons	SS Nut & Bolts (160)	107.38
25	Minerals Technology	Rust Solvent (24-5 oz cans)	327.14
26	MSC Industrial Supply	Submersible Sump Pump (STP)	408.80
27	Novato Disposal Service	February Trash Removal	419.94
28	Pace Supply	Meter Stops (4) (\$128), Nipples (8), Copper Pipe (120) (\$833), Plugs (18), Meter Adaptors (120) (\$1,218), Valve Checks (2) & Valves (2)	2,287.50
29	PES Environmental	Consulting Services: Gallagher Well & Pipeline Project /Hydraulic Design Plan (Balance Remaining on Contract \$660)	4,201.25
30	Phillips Transportation	Hazardous Waste Disposal for WQ Lab & STP	124.00
31	POA of Novato Heights	Annual Dues (DeGabriele) (Budget \$150) (1/14- 12/14)	150.00
32	Preferred Alliance	Pre-Employment Physical (Freeman)	42.00
33	School Fuel	Sponsorship of 2014 Tour of Novato Event	250.00

Seq	Payable To	For	Amount
34	Sequoia Safety Supply	Hard Hat Retainer Cords (25)	57.23
35	Sonoma County Water Agency	February Contract Water (279.7 AF NMWD) (358.75 AF - Back feed for MMWD)	454,144.52
36	Staples	Flash Drives (6) (Eng)	72.49
37	Strahm Communications	2014 Spring Water Line Postage (West Marin - \$206 & Novato - \$2,985)	3,191.30
38	Suen, Gerald	Novato "Washer Rebate" Program	50.00
39	Telstar Instruments	Replacement Chlorine Analyzer for Deer Island RWF	4,487.64
40	The Professional Tree Care	AEEP B3 Tree Removal (Balance Remaining on Contract \$18,500)	161,475.00
41	Thomas Scientific	Phosphate Buffer (Lab)	120.16
42	Township Building Services	February Janitorial Service	1,588.84
43	United Parcel Service	Delivery Service: Sent Specs for Gallagher Well Pipeline	10.42
44	Yim, Darryl	Novato "Washer Rebate" Program	50.00
		TOTAL DISBURSEMENTS	<u>\$914,985.18</u>

The foregoing payroll and accounts payable vouchers totaling \$914,985.18 are hereby approved and authorized for payment.

 3/25/14
 Auditor-Controller Date

 3/25/2014
 General Manager Date

MEMORANDUM

To: Board of Directors
From: David L. Bentley, Auditor-Controller
Subj: New Phone Numbers
\\aclword\phone\bod memo.docx



March 27, 2014

RECOMMENDED ACTION: Information Only

FINANCIAL IMPACT: None

The replacement phone system is scheduled to be installed on Tuesday, April 8. One of the new features of the phone system will be the ability to direct-dial the staff person you want to speak with. The traditional 897.4133 will still be the main number, and will include a directory allowing callers to type in the first 3 letters of the first or last name to obtain each employee's new direct-dial number; or, you can still press zero and have the operator transfer the call for you. The existing 4-digit extensions will be gone.

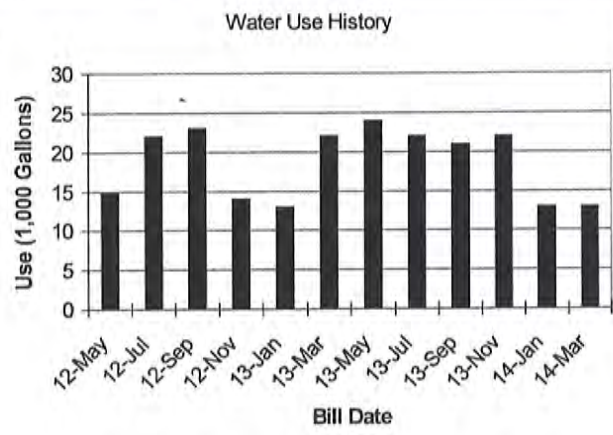
Following are the new direct-dial numbers of key staff and supervisors:

<u>New Number</u>	<u>Name</u>
415-761-8900	Alicia Manzoni, Consumer Services Supervisor
415-761-8902	Brad Stompe, Distribution and Treatment Plant Supervisor
415-761-8905	Chris DeGabriele, General Manager
415-761-8906	Chris Kehoe, Pipeline Foreman
415-761-8909	David Bentley, Auditor-Controller
415-761-8911	Dianne Landeros, Accounting/HR Supervisor
415-761-8912	Drew McIntyre, Chief Engineer
415-761-8918	Joe Corda, Pipeline Foreman
415-761-8921	Katie Young, District Secretary
415-761-8923	Kerry Lemos, Maintenance Supervisor
415-761-8929	Pablo Ramudo, Water Quality Supervisor
415-761-8931	Robert Clark, Operations/Maintenance Superintendent
415-761-8933	Ryan Grisso, Water Conservation Coordinator
415-761-8936	Tony Arendell, Construction/Maintenance Superintendent
415-761-8962	STP General Line

SEE BACK FOR NOTES

MAILING DATE	ACCOUNT NUMBER	DUE DATE (Note F)	TOTAL DUE	SERVICE ADDRESS
03/20/2014	442906	04/14/2014	\$ 87.35	335 Eagle Dr

DATE	DESCRIPTION	AMOUNT
01/16/2014	Previous Balance	\$87.35
01/23/2014	PAYMENT ** THANK YOU **	(\$87.35)
03/20/2014	BASE RATE 12,716 Gal @\$4.51/1,000 Gal	\$57.35
03/20/2014	SERVICE CHARGE (Note A)	\$30.00
Total Billed Amount:		\$87.35



METER NUMBER	DATE OF SERVICE	METER READING	USE (CCF)**
33539153	FROM 01/10/2014 TO 03/12/2014	FROM 1147 TO 1164	17

	**CCF	TOTAL GALLONS USED	DAYS	AVG. GALLONS PER DAY
CURRENT PERIOD:	17	12,716	61	208
SAME PERIOD LAST YEAR:	30	22,440	64	351

** 1 CCF = 100 CUBIC FEET OR 748 GALLONS

IMPORTANT MESSAGE FROM NMWD

We now offer Automatic Payment Service (APS), a convenient way to pay your NMWD bills directly via your bank. Mark the pay stub and we will send you info and an application.

Thank You for your consistently prompt payments.



[1/1]

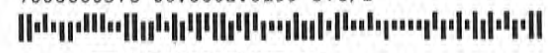
*Lockbox Service
Operational 3/20/14*

ACCOUNT NUMBER	442906
SERVICE ADDRESS	335 Eagle Dr
TOTAL AMOUNT DUE	87.35
DUE DATE (Note F SEE BACK)	04/14/2014

Mark box for the mailing address change on the reverse side

YES, please send me an application for APS.

NMW0320A AUTO SCH 5-DIGIT 94945
7000000576 00.0002.0199 576/1



FERNAND MASHOUR
33 EAGLE DR
NOVATO CA 94949-5829

North Marin Water District
Payment Center
P.O. Box 511529
Los Angeles, CA 90051-8084

0000442906 00008735 9

March 20, 2014

Contact: Chris DeGabriele, General Manager, (415) 897-4133

PRESS RELEASE

Vandalism at Air Base Tank Request for Information

On Monday, March 17, 2014, North Marin Water District (NMWD) experienced vandalism at Air Base Tank near the Marin Valley Drive Open Space in Novato. Tampering with any of NMWD's water facilities is considered a threat to the public water supply as well as being a crime, and NMWD takes this criminal action very seriously. Water quality is NMWD's top priority and we employ multiple levels of security at these facilities, but when there is any question as to whether the quality of the water may have been compromised, that water is removed from the NMWD water distribution system. In this case, the tank was isolated immediately after an intrusion alarm was received, and taken offline to protect the public from any possible contamination. Even though subsequent water tests did not indicate the presence of bacterial contamination, NMWD staff, in consultation with the California Department of Public Health, decided to neutralize any disinfectant in the water and drain the tank (approximately 900,000 gallons) to the storm drain system. Once drained, the tank will then be scrubbed and disinfected before being refilled and placed back into service.

As we are all acutely aware, Novato and all of California are currently experiencing severe drought, with the past year being the driest on record. In these times when we ask customers to conserve 20% of normal use, the loss of nearly a million gallons is a huge waste of a precious resource, but protecting public health must take precedence.

NMWD is asking for information regarding anyone seen in the vicinity of the Marin Valley Drive Open Space between 7:00 PM and 10:00 PM on Monday, March 17.

Please contact NMWD or the Novato Police Department if you have any information.

BOD MISL

Retirement Celebration
honoring

ED HULME

Marin County Parks Superintendent



Friday, March 21, 2014
4:30pm Appetizers/No-host bar
5:30pm Program Begins

Four Points by Sheraton
1010 Northgate Drive
San Rafael, California

ED HULME

Retirement Celebration
Friday, March 21, 2014

Welcome

Linda Dahl

Director and General Manager

Susan Adams
Supervisor, District 1

Ron Paolini
Deputy Director

Presentation from Staff

Rob Ruiz
Chief Park Ranger

Dave Hattem
Chief of Landscape Services

Speakers

Roxy Hulme
Daughter

Ed Hulme

Open Mic

Friends of Ed Hulme

Ed Hulme has played many roles for the County of Marin. The list is made up of words like resource, collaborator, designer, construction foreman, policy maker, enforcer, problem solver, public spokesman, visionary, pragmatist, confidant, and friend. Ed has consistently done what he thought was best for the County of Marin in total, balancing the needs of its citizens and park users with the needs of the department and its staff; a responsibility that Ed has always taken very seriously.

A celebration of retirement is always a bittersweet affair. With the compelling reasons for Ed's retirement, maybe more so. But at these events there are a few things that consistently happen that we are looking forward to. First are the stories, the anecdotes, the day-to-day best and (embarrassingly) the worst of the retiree's time spent on the job. (Look out Ed, the guns are being loaded.) The second is the talk of legacy. Here, Ed's fingerprints are everywhere, from construction details at a park kiosk to guidelines in an IPM policy. And last comes the best part, the expressions of how much Ed has meant to all of us and the wishes for a happy retirement with all of its possibilities realized.
Congratulations Ed.

– Rick Misuraca

BOD MISC



POINT REYES LIGHT

Tomales services district to bid jobs

By Samantha Kimmey 03/19/2014

After 15 years under a single administrator, the Tomales Village Community Services District is on the cusp of implementing a competitive bidding process that could put the current holder, Karl Drexel, out of a job.

Since the district was created in 1999, Mr. Drexel has guided the management of the town's wastewater system and park. Now the district's financial advisory committee wants to split his job into two roles—one in administration and one in fiscal management—and see if those jobs can be done for less than Mr. Drexel's \$80,000 annual contract.

The district also hopes to solicit bids for the operation of the treatment plant, currently managed by a Napa-based company, Phillips and Associates. Savings could partially offset future rate increases necessary to fund looming capital improvements.

The financial advisory committee, formed in 2012 and comprised of two board members and four Tomales residents, has been busy gathering input from ratepayers for the 2014-2015 annual budget and creating new policies to guide budgeting, competitive bidding and capital projects.

Last week the board of directors unanimously approved the policy for a competitive bidding process, which would require a minimum of three bids for each contract. (The board must hold a separate vote to send the positions out to bid, and at least one board member is unsure whether she will support that move.) The finance committee is now writing job descriptions, and hopes to start the next fiscal year under new contracts.

"We don't know if we're paying too much," said Deborah Parrish, who was elected to the board last November and now serves both as board vice president and head of the finance committee. But, Ms. Parrish said, the community has expressed growing concern with the price of services.

"Personally I am troubled that we continue to fund a full-time administrator when that may not have been something we actually needed," she said. "Perhaps we could have had a part-time administrator and taken

that money and put more into reserves along the way. That was the thing that troubled me the most, and one of the reasons I decided to join the board.”

There is no way to know whether the current cost of services is fair without a competitive process, she said.

But Mr. Drexel only partially agrees. He said competitive bidding is key when it comes to big capital projects, but might not be for a position needed year in and year out. “Whether or not it will be successful in acquiring and maintaining quality people, that’s yet to be seen,” he said. “Change is good at times, but a lot of times you lose the consistency of how things are going.”

Mr. Drexel, who lives in Santa Rosa, spent 20 years as a self-employed wholesale lumber broker. When that industry took a hit, he sought a new line of work and landed at the nascent community services district, which had just split with North Marin Water District. He is happy with his second career. “I’ve learned a lot. It’s a way to pay back the community. It’s very rewarding,” he said.

The wastewater system Mr. Drexel administers has been in place since 1976, built after the county began to suspect faulty septic systems near drinking wells were making some people sick. The water district managed the community system for two decades, but in 1996 a pipe broke and treated wastewater leaked for days before the agency became aware of the problem. Its response to fines from the Regional Water Quality Control Board was to increase rates in town.

People were not happy. Louise Gregg, a 44-year resident, remembers when they announced the fines. “The board from North Marin said to the community at a big meeting up at the middle school that because it’s our system, we had to pay for the fines and stuff. So I raised my hand and said, ‘Well if it’s our system, can we fire you?’ And they stopped for a minute and thought about it and someone on the board said, ‘Yes, actually you can.’ So we did.”

The town formed an independent special district and inherited a wastewater system in mediocre shape, with old equipment and overdue maintenance. In the 2000s, the district replaced rusty pipes and installed system-failure alarms, emergency remote controls and lots of new pumps, paid for by a mix of grants and loans. The district increased its cash reserves from the \$144,000 left by the water district to \$385,000 today. Solar panels installed a few years ago cover 95 percent of the system’s energy use, Mr. Drexel said.

But in recent years, the community has grown concerned about the total administrative budget, which constitutes 45 percent of the district’s costs, according to Ms. Parrish.

Mr. Drexel responded that percentages were an inaccurate gauge of good business practice. He developed the district’s operations manual, successfully appealed for permit-fee waivers that might otherwise have cost the district thousands of dollars, and writes grants. He said audits have never identified internal control over finances as a problem. A spreadsheet he sent to the Light said that his salary and health insurance constituted 36 percent of total expenses.

It is difficult to make comparisons with other special districts because of widely varying budgets and operations. Special districts in Inverness and Bolinas, which have much larger budgets, pay around 11 or 12 percent of costs to administrators; that same percent would amount to less than \$30,000 in Tomales. But the general manager in Inverness makes significantly less operating his larger budget, around \$60,000 a year.

In 2011 Ms. Parrish, then a strategic-planning consultant who had previously held jobs as a financial officer, facilitated the creation of a five-year plan for the district. (Ms. Parrish is now transitioning into professional photography.)

“I could see clearly what the concerns from the community were. Sustainability and transparency—they wanted that,” she said. One of the outcomes of the plan was the formation of the financial advisory committee, which she joined last year.

In January, Ms. Parrish also became one of district’s three new board members; a fourth, Sue Sims, had served for less than a year at the time of the election. Only one long-timer, five-year director Patty Oku, remains on the five-person board.

Directors enlisted a Sacramento-based nonprofit, the Rural Community Assistance Corporation, to evaluate the annual rates people pay for the wastewater system last year. Rates have not been raised in almost a decade, other than a \$5 monthly fee introduced in 2008 to pay for the solar panels.

The rate study, which is being done pro bono, is not yet finished. But Ms. Parrish said a draft found that the current \$800 annual fee would need to jump roughly \$350 to build healthy reserves and help pay for needed capital improvements—if district expenses remain the same.

Currently, income is exceeding expenses, but when the depreciation of infrastructure is accounted for, the district is running at a deficit. Mr. Drexel said they add money to the reserve every year, but there is no policy guiding those annual deposits.

The biggest looming capital need, according to Ms. Oku, is slip-lining the entire pipe system. That could cost \$800,000, making a raise in rates inevitable. “There is no way to save enough money by reducing costs in the next five to 10 years, [which is when] we need to eventually start working on our delivery system,” Ms. Oku explained.

After the first draft rate evaluation was written, the financial advisory committee contacted the nonprofit and said it could not assume current costs are fixed. There had been “little exploration... of current expenses or cost-cutting options as first steps prior to rate increases,” the committee wrote.

In a response, the nonprofit said a final solution will likely involve some mix of expense cuts and rate increases. If the district wants to avoid any rate increase, it would need to cut costs by over 23 percent, or \$46,509.

Ms. Parrish said that although they may not be able to avoid a rate hike, a competitive bidding process will give the district’s 98 ratepayers more confidence. “We can stand firmly and strongly and say, ‘Here are the reasons.’”

But so far it has been difficult to get those ratepayers involved in the creation of next year’s budget. The finance committee sent out postcards inviting people to join a temporary budget committee; only one resident responded.

Since then they have brainstormed new approaches, and now plan to assemble a list of questions that two members will use to survey passersby outside the deli and bakery for two days in April.

Ms. Parrish acknowledges that having Mr. Drexel compete for positions he has held for so long might make some people uncomfortable. But, she went on, “After 15 years of not having any look at contract services, I feel that it’s time. This is how business works.”

Mr. Drexel said if the new positions entail too much board interference, he might decline to bid anyway.

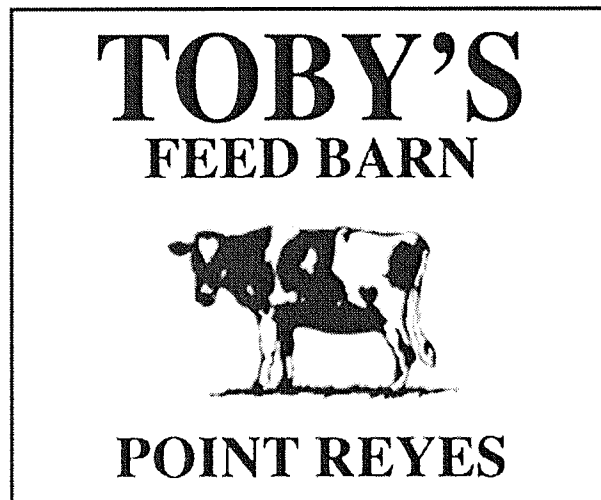
Both he and Ms. Oku said the board already provides checks and balances by reviewing bank statements and bills on a monthly basis. And Ms. Oku praised the administrator's track record.

"You get what you pay for," she said. "We have received two Small [Wastewater Treatment] Plant of the Year awards. We have been successful in writing and receiving grants. You always worry that maybe people don't see the positive effect of having such a well-run system." She said Mr. Drexel's grants have brought in roughly a million dollars during his tenure.

The bidding process, Ms. Oku said, "could be considered cost-saving. But at what cost?" She is unsure whether or not she will vote to send the positions out to bid this year.

The new board president, Bill Bonini, a general contractor born in Tomales, was impressed with the state of the wastewater system on a recent tour. But, he added, without bidding, it was all but impossible to know the fair price of a service.

For his part, Mr. Drexel said that if he is outbid—or if he chooses not to bid—he will seek a job with another special district, using his credential as one of just 47 certified special district administrators in California. He earned the certificate through a mix of an exam, years of work and continuing education. "If it comes to pass that the new positions that are being developed don't suit me, I'll move on. There are plenty of positions out there for me," he said. "I will stay in government. That's the idea."



Point Reyes Light 3/20/14

Mike McGuire, his election assured, remains little known in Marin

By Herb Kutchins 03/20/2014

The election of Sonoma Supervisor Mike McGuire as state senator for California's Second District can be predicted with near certainty, even though the primary isn't until June 3 and McGuire won't be officially elected until November 4.

State Senator Noreen Evans previously oversaw the district—created in 2010 through redistricting and stretching from Marin County to the Oregon border—but she is retiring this year. Several prominent Democrats initially declared that they would run for the seat, but all have withdrawn. In some cases, they have endorsed McGuire, as have more than 80 elected officials. Republican Laurence Wiesner is running, but has failed two previous attempts in this very blue region. Attorney Harry Lehmann, an independent, who has been a prominent critic of affordable housing proposals in Novato, has also entered the race.

Although McGuire is very popular in Sonoma County, he is almost unknown in Marin. Local media have paid little attention to this seat for many years, largely because Point Reyes National Seashore and other federally owned lands are a major part of the West Marin landscape, bringing greater attention to national officials. One of these is Jared Huffman, the congressman who represents Marin and much of the same territory as the Second District. Like McGuire, who appears to be his protégé, Huffman can be nearly certain of his re-election this year. Unlike Huffman, McGuire presents Marin voters with a lesser-known track record.

McGuire has shown that he is an adept politician. He started as the president of his high school class, and at age 19 he became the youngest person ever elected to the local school board, where he also served as president. Not long afterwards he was elected to the Healdsburg City Council, where he remained six years, some of the time as mayor. In 2010 he became a Sonoma County supervisor. Some people, including a popular political columnist, have criticized him for having spent so much of his life in politics and therefore not having real-world experience.

So what's the big deal about this state election, if there is no controversy over McGuire? Despite the predominance of federal jurisdiction in West Marin, the state controls many essential aspects of life in the region. Among other things, there are prominent state parks and facilities, including Samuel P. Taylor and Tomales Bay State Parks and the Marconi Conference Center. Five years ago, then Governor Schwarzenegger threatened to shut down a good portion of state parks to reduce the state's financial crisis during the Great Recession. Those parks have survived in Marin, due in some measure to state legislators' responses.

Many roads in the area are operated and maintained by the state. There has been increasing discontent over gridlock on Highway 101, a solution to which may involve legislative action. Other important issues intertwined with transportation are housing and commercial development along the coast and in the inland corridor of the Second District. The state legislature will be called upon to find remedies for these challenging issues.

Among McGuire's principal concerns are the water shortage caused by the drought and rising sea levels that both threaten development and contaminate fresh ground water sources needed for agriculture and human

consumption. A related threat to the water supply is fracking, partly because of the tremendous amount of water involved, partly because of resulting water contamination and air pollution. McGuire is unequivocal in his opposition to fracking.

As a state legislator, McGuire promises to develop positive proposals to deal with both freshwater shortages and sea-level rise. He feels that in addition to conservation, other measures are needed to protect available water supplies. As an example he points to efforts in one Southern California county to purify wastewater and return it to the aquifer. He has not endorsed this particular approach, but says inventive solutions like it are needed.

Another water-related controversy surrounds Governor Brown's proposal to build two 30-mile tunnels, at a cost of billions of dollars, to provide water to agricultural regions in Central California and for general consumption in the south. McGuire is adamantly opposed to the peripheral tunnel project.

The protection of the Pacific Coast from seawater damage is an equally challenging problem that McGuire wants to address. The California Coastal Commission has a lot to say about what happens in this arena, and it is certain that a bill or bills will come before the state legislature seeking to increase the commission's power. A major reason a similar bill failed last year was action by State Assemblyman Marc Levine, who represents this area, but Levine promises to sponsor a new bill that eliminates provisions he found objectionable. The new state senator will also play an important role in this proposed legislation.

The commission currently must get a court order to levy fines for violations, but it wants to be able to levy fines without first going to court. Many people in West Marin are skeptical about this shift. They complain that the commission has unjustly persecuted Drake's Bay Oyster Company, for example, and that court oversight is necessary to assure fairness and due process. Although McGuire has steadfastly refused to take sides in the controversy over the oyster company, claiming that federal courts will settle the matter, he does support the commission's efforts to directly impose fines without judicial review.

Those interested in learning more about soon-to-be Senator McGuire can listen to a half-hour interview with him, which aired on Wednesday, March 19 on KWMR's new series, Politics 101. The show includes a half-hour interview with Supervisor Steve Kinsey—who spoke about critical county issues, including the impact of the new county budget on West Marin—and is archived and available at kwmr.org. Politics 101 airs from 1 to 2 p.m. on the third Wednesday of the month at 90.5 FM in Point Reyes Station and 89.9 FM in Bolinas. On May 21, Supervisor Susan Adams and her challenger, San Rafael City Councilman Damon Connolly, will be interviewed. Their race has serious implications for the future of affordable housing in Marin County. Other future shows will feature Congressman Huffman, as well as other elected officials and their challengers.

Herb Kutchins, an Inverness Park resident, is still enrolled in Politics 101.

Marin parks superintendent faces the challenge of his life in retirement: ALS

Posted:

marinij.com

Marin parks superintendent Ed Hulme, an 18-year veteran whose career milestones included orchestrating the county's award-winning organic war on pests, is retiring this month as he faces the biggest challenge of his life: Amyotrophic lateral sclerosis.

The 60-year-old Hulme was diagnosed two years ago with the incurable motor neuron affliction, and while he feels "lucky to be counting my time in years," he knows the disease ends in respiratory failure. Hulme, who now uses a wheelchair, has lost his voice.

"Many people say I am fighting it well," he said in an email. "I prefer to think of it as I am good at adapting to the changes," he added. "ALS always wins."

"It is time to retire, to enjoy my family and friends and adapt to the changes as they come," he noted. Parks staff and friends will say farewell at a retirement party Friday evening at Four Points by Sheraton in San Rafael.

Hulme began his career in public service in Corte Madera, where he worked for 11 years, becoming parks superintendent and town arborist. He joined the county staff in 1996, meeting his wife, Daniella Hamilton, while working with her on pest management issues.

Hulme, a soft spoken but demanding executive, put in long hours and expected excellence from the two dozen employees he supervised.

"He took his job as parks superintendent very seriously and had an eye for detail," chief parks ranger Rob Ruiz said. "He thought on his feet, was a great problem solver, and balanced the needs of park users with the needs of our department."

Another colleague called him a dedicated and educated expert in a variety of fields, a no-nonsense "tough boss" who quickly eliminated a habit some had of "drinking beer at lunch."

"He never missed an event of the many the parks host throughout the summer, personally ensuring excellence," parks department chief Linda Dahl said. "Every year, after his crew prepared the fairgrounds to perfection, he personally barbecued them a feast to thank them," she said. "We truly will miss him around here."

As parks superintendent, Hulme oversaw 76 county properties including parks, pathways, and landscaped grounds, as well as 34 open space preserves, and managed landscape services and park rangers. He is proud of a number of accomplishments, including hiring staffers who are "smart, dedicated and really care about serving the public and protecting the environment." He had a hand in a variety of pathway and bicycle projects including the Cal Park Tunnel, and oversaw landscape maintenance for more than 70 county facilities.

"Maintenance too often is taken for granted and not in the limelight, but maintenance is what keeps the facilities functioning and makes them a nice place to visit," he said. "I think we raised the bar and did it with a lot less chemicals."

Hulme was credited for the stunning success of the county's nontoxic pest control program after he took control as pest project manager amid controversy involving agricultural officials who used far more pesticide than county policy allowed. The county program under Hulme and a key assistant, landscape chief David Hattem, has become an award-winning national model that relies in large part on weeding, mulch, custom vermin traps, rodent-hunting owls and other organic weapons including predatory insects.

County Administrator Matthew Hymel lauded Hulme for restoring trust and transparency following a cloud of controversy triggered by the pesticide fiasco. Hulme calls it a shining moment as well. "I am proud of the success of the integrated pest management program," Hulme said. "Dave Hattem deserves a lot of the credit."

But the person who deserves the most credit for his success, he noted, is his wife, Daniella, whose "involvement, support and love" ensures that everything is in place in their Sonoma County home "so that I can do the best I can do."

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Experts call for long view on California's drought woes

Eric Gneckow, Business Journal Staff Reporter

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April 1, 2014, was to be the day that mandatory water rationing would begin in Marin County's largest water district, following a 2013 that "proved to be the driest year in 135 years," according to General Manager Krishna Kumar.

In a region heavily dependent on rainwater runoff, officials at the Marin Municipal Water District were starting to draw comparisons to the most intense drought in recent memory, a two-year period from 1976 to 1977. The region had seen no rain since December of 2012, and planned to ratchet up its mandated rationing if those conditions were to continue.

"2013 started even worse than '76, '77," said Mr. Kumar, speaking as part of the water panel during *North Bay Business Journal's* Impact Marin conference March 13.

That all changed when a "special package" — a massive rain storm — broke through a long-lived high-pressure system off the western United States to dump 20 inches of rain on Mt. Tamalpais from Feb. 6–8. Continuing rains boosted half-full reservoirs to around 75 percent of total capacity as of mid-March, allowing Marin Municipal Water District officials and their 185,000 customers to breathe a sigh of relief.

"That's how lucky we were this time," Mr. Kumar said. "But we can't expect these 'special packages' to arrive each time."

It is a near-miss scenario that has played out throughout the state in recent years, obscuring what panelists said is an ongoing need to augment current infrastructure with measures that acknowledge the ongoing risk of drought in California.

"Droughts occur, and they will occur again," said J. Dietrich Stroeh, a partner at CSW/Stuber-Stroeh Engineering Group who served as general manager of the district during the mid-1970s drought. "We should be doing more and more planning, but when it rains, we don't plan for more water."

Unlike water districts in Central and Southern California that rely on water piped from distant regions, the North Bay benefits from a system that hinges largely on regional watersheds able to collect and store enough rainwater for local use in a typical year.

Yet that storage capacity — around 29.9 million gallons across seven reservoirs for the Marin Municipal Water District — is not limitless. Without rain, those reservoirs are only sufficient for about two years, Mr. Kumar said.

"We went from our reservoirs being 100 percent full to, in 14 months, a serious conversation about mandatory rationing," Mr. Kumar said.

Much of the state's reservoir construction came in response to historic droughts in the early 1900s, giving the state greater resiliency in dry years and supporting growth over the next century, Mr. Stroeh noted.

Yet California may have gotten off easy during that five-year drought, and even the drought of the mid 1970s, he said. Research points to a regional drought that lasted as long as 50 years around the year 1150 and other droughts after that lasting a quarter-century.

The time may well have come again for new infrastructure, with measures that include greater utilization of treated wastewater for irrigation, facilities to desalinate ocean water for potable use and new pipelines to supply water from other areas in an emergency. All of those measures are currently under consideration in Marin, Mr. Kumar said.

That work may come with costs for ratepayers. But given how costs escalate for even close-spigoted water users during a drought, boosting that infrastructure could pay off in the long run, panelists said.

The North Marin Water District, serving 20,000 customers in Novato and some unincorporated areas, has ramped up its supply of recycled water for irrigation to large commercial customers, said Chief Engineer Drew McIntyre. Major participants include Valley Memorial Cemetery and Fireman's Fund Insurance. The approach preserves more potable water for drinking.

"We've had a major expansion of our recycled water customers," Mr. McIntyre said. "Three years ago, we had two. I'm happy to report, this year we have close to 50."

The North Marin district did not see the same boost from the recent rains, lacking the benefit of runoff from Mt. Tamalpais. Storage accounts for around 20 percent of its customer supply. The remainder is purchased from Sonoma County Water Agency.

The situation highlights the dynamic nature of rainfall across the North Bay and beyond, as well as the benefit of regional cooperation.

"Most water agencies are very provincial — they don't want to work with each other," Mr. Stroeh said. "We're pretty good in the North Bay. The state needs to come up with a plan to operate as one water agency."

Link to article: <http://www.northbaybusinessjournal.com/89309/experts-call-for-long-view-on-californias-drought-woes/>

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more moderate Democrat." Knell is referring to McGuire's support from public employee labor unions who call the shots in California's Democratic Party.

A fiscal and social conservative, Weisner, a Santa Rosa accountant, is hoping that the 22 percent of district voters who identify as Republican is sufficient to earn him a runoff berth.

In a district with 928,077 residents, it's an expensive proposition to get the public's attention. That's a challenge Lehmann, Knell and Weisner need to quickly overcome. Otherwise, all McGuire needs to do is sit back and enjoy the ride.

III

MARIN MUNICIPAL and North Marin water districts' leaders kept their heads during the recent dry winter. They resisted the cry for mandatory water rationing. Instead they called for voluntary rationing and enhanced water conservation.

Some Marinites subscribe to an ethic of austerity. For them, it's a secular form of penitence. It's akin to others giving up something for Lent.

The difference is that the spiritual perform that quiet sacrifice as a personal virtue. Water austerity advocates aren't happy unless their neighbors are forced to follow their personal philosophy by government edict.

It developed that Marin received just enough rain to survive the summer and fall without the need to order residents to close the tap.

The agencies understood there's a risk of calling wolf too often. If they had instituted rationing and it wasn't needed, water users would forever disbelieve the call when it's really needed.

Columnist Dick Spotswood of Mill Valley now shares his views on local politics twice weekly in the IJ. His email address is spotswood@comcast.net.

Marin IJ
Dick Spotswood
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Corporate donors boost \$1 million bike park at Novato's Stafford Lake

Posted:

marinij.com

Construction of a \$1 million state-of-the-art bike park at Stafford Lake was all but assured this week when a top bike industry sponsor pledged \$75,000, propelling fundraising to near the halfway mark.

Officials said construction of the first phase of the park could begin this summer following the success of a unique public-private funding partnership that has generated \$367,000, or 43 percent of the project's \$850,000 goal.

"We're hopeful we can commence construction this year," said Stephen Petterle, the county's principal landscape architect.

Petterle added that talks with other potential sponsors are underway that could result in another \$125,000.

"This is a great program," he said. "It's a model."

Santa Cruz Bicycles, which won a "fastest-growing" bike business award last year from Bicycle Retailer and Industry News, is the Stafford Lake Bike Park's latest corporate sponsor, contributing \$75,000.

In line with agreements with other corporate sponsors, Santa Cruz Bicycles will provide the funding over three years in exchange for naming rights in the park's main event area, which will take shape in the second phase of construction. The park's key venue will be called "Santa Cruz Bicycles Main Event Plaza" for seven years. The firm will be listed as a sponsor on the park website, can use the park logo in advertising, and can conduct one single-day event at the park without a fee each year for five years.

County supervisors approved the deal with Santa Cruz Bicycles on Tuesday.

"Job well done," Supervisor Judy Arnold told Petterle, parks chief Linda Dahl and the parks staff.

"It's a good project and something we can really get behind," Santa Cruz Bicycle CEO Rob Roskopp said from his office in Santa Cruz, where 100 employees are based in a business that targets the high-end market, selling 20 mountain bike models that range in price from \$1,300 to \$11,000. "This project will not stress out the taxpayers at a time when our government is pretty much out of control with taxes," the 50-year-old Roskopp observed.

The Santa Cruz donation was arranged by a new nonprofit, Friends of Stafford Lake Bike Park, a group that includes bike boosters Julia Violich, Mark Weir and Al Bauman, a cyclist and former county parks commissioner.

Bauman proudly wheeled his new \$8,000 Santa Cruz "Bronson" bike into the Board of Supervisors chambers Tuesday and beamed broadly as he noted it had been on order for three months. He called the firm "one of the leaders" in the industry and indicated it and other corporate donors will get a "good return on investment" while Marin will get a superb bike riding facility.

"We're creating a good project," Bauman said.

Other donors include the Violich Family Foundation, which has pledged \$50,000, and Mike's Bikes, which also pledged \$50,000. A \$25,000 pledge came from Wilderness Trail Bikes of Mill Valley, a firm that supplied parts to local bike pioneers decades ago.

The bike fund includes a \$50,000 challenge grant from county supervisors. The county also provided \$182,000 for design and construction drawing work by consultants Hilride Progression Development Group.

The master plan calls for a sophisticated network of trails, configurations, challenges, riding zones and stations that can accommodate cyclists of all skill levels.

The facility is planned on a 17-acre northwestern segment of 139-acre Stafford Lake Park. It will include a learn-to-ride area; "pump" tracks for beginning, intermediate and expert riders; table-top jumps and hip jumps; elevated ladder bridges; a dual slalom track; skill stations and practice areas; a perimeter trail and shaded viewing areas.

A learn-to-ride area would be near the entrance to the park, followed by beginner and intermediate zones. An advanced zone would provide riders with technically demanding riding features including an advanced track with pumps, rollers and berm turns; advanced dirt jumps, and wood ramp takeoffs with dirt landings linked to curved wall rides.

Construction during the first phase will include features for all skill levels.

Those interested in becoming a donor may call 473-6394.

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