



**NORTH MARIN WATER DISTRICT**  
**AGENDA - REGULAR MEETING**  
 May 19, 2015 – 7:00 p.m.  
 District Headquarters  
 999 Rush Creek Place  
 Novato, California

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Est. Time	Item	Subject
7:00 p.m.		<b>CALL TO ORDER</b>
	1.	<b>APPROVE MINUTES FROM REGULAR MEETING</b> , May 5, 2015
	2.	<b>PUBLIC HEARING</b>  <i>Drought Emergency Water Conservation Regulations</i> <span style="float: right;">Resolutions</span>
	3.	<b>PUBLIC HEARING</b>  <i>Consider Proposed Increase in Water Rates for Novato Service Area and Resulting Revisions to District Regulation 54, Water Rates</i> <span style="float: right;">Resolution</span>
	4.	<b>GENERAL MANAGER’S REPORT</b>
	5.	<b>OPEN TIME: (Please observe a three-minute time limit)</b>  This section of the agenda is provided so that the public may express comments on any issues not listed on the agenda that are of interest to the public and within the jurisdiction of the North Marin Water District. When comments are made about matters not on the agenda, Board members can ask questions for clarification, respond to statements or questions from members of the public, refer a matter to staff, or direct staff to place a matter of business on a future agenda. The public may also express comments on agenda items at the time of Board consideration.
	6.	<b>STAFF/DIRECTORS REPORTS</b>
	7.	<b>MONTHLY PROGRESS REPORT</b>
	<div><b>CONSENT CALENDAR</b>  The General Manager has reviewed the following items. To his knowledge, there is no opposition to the action. The items can be acted on in one consolidated motion as recommended or may be removed from the Consent Calendar and separately considered at the request of any person.</div>	
	8.	<b>Consent – Approve:</b> Novato Spring <i>WaterLine</i> , Volume 16, Issue 34
8:00 p.m.	9.	<b>Consent – Approve:</b> West Marin Spring <i>WaterLine</i> , Volume 12
		<b>ACTION CALENDAR</b>
	10.	<b>Consider:</b> Request for Additional Bill Adjustment
	11.	<b>Approve:</b> Adopt State Financial Assistance Resolutions – Application for Recycled Water Project Central Service Area Project <span style="float: right;">Resolutions</span>

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

(Continued)

Est. Time	Item	Subject
	12.	<b>Approve:</b> Claim Settlement - CSAA Subrogation
		<b><i>INFORMATION ITEMS</i></b>
	13.	Quarterly Progress Report – Water Quality Report
	14.	Second Review – Proposed FY 2015/16 Novato Water Equipment Budget
	15.	Second Review – Proposed FY 16 & FY 17 Novato Capital Improvement Projects Budget
	16.	Second Review – FY 2015/16 Proposed Novato Operations Budget
	17.	Second Review – FY 2015/16 Proposed Novato Recycled Water Operations Budget
	18.	<b><i>MISCELLANEOUS</i></b>
		Disbursements
		Emergency Repair of Novato Sanitary District 12-inch Force Main
		Marin Conservation League – Business Environmental Breakfast
		Federal water decision that could affect Russian River flows imminent
		William Wright Obituary
		<u>News Articles:</u>
		Drought comes home to Marin as state demands cuts
		California Water Cuts Ignore past changes by some cities, like San Diego
		Marin IJ Editorial: Pt. Reyes site offers housing opportunity
		San Jose water company imposes mandatory use limit
		New Water rules congeal for North Marin and Marin Municipal
		Feinstein and Boxer support Coast Guard housing purchase
		Water District should do more to help consumers
9:30 p.m.	19.	<b><i>ADJOURNMENT</i></b>

1

DRAFT  
NORTH MARIN WATER DISTRICT  
MINUTES OF REGULAR MEETING  
OF THE BOARD OF DIRECTORS  
May 5, 2015

**CALL TO ORDER**

President Baker called the regular meeting of the Board of Directors of North Marin Water District to order at 7:00 p.m. at the District Headquarters and the agenda was accepted as presented. Present were Directors Jack Baker, Rick Fraites, Stephen Petterle, and John Schoonover. Also present were General Manager Chris DeGabriele, District Secretary Katie Young, Auditor-Controller David Bentley and Chief Engineer Drew McIntyre,

District Legal Counsel, Joan Pugh Newman, Novato resident Ed Grundstrom and District employee Robert Clark, (Maintenance/Operations Superintendent) were in the audience.

**CLOSED SESSION**

President Baker adjourned the Board into closed session at 7:00 p.m. in accordance with Government Code Sections 54954.5 and 54956.9(a) – Conference with Legal Counsel – Venegas EEOC Complaint (Case 550-2015-00479).

**OPEN SESSION**

Upon returning to regular session at 7:43 p.m., President Baker stated that during closed session the Board had discussed the issue and gave direction to staff.

Ms. Joan Pugh Newman left the meeting.

**MINUTES**

On motion of Director Schoonover, seconded by Director Petterle the Board approved the minutes from the previous meeting by the following vote:

AYES: Directors Baker, Fraites, Petterle, Rodoni and Schoonover

NOES: None

**GENERAL MANAGER'S REPORT**

**Novato City Council Meeting**

Mr. DeGabriele advised the Board that he attended the Novato City Council Meeting and provided an update regarding the water supply conditions, the drought and the District Recycled Water Program.

1 Novato Watershed Tour

2 Mr. DeGabriele informed the Board that he and Director Fraites attended the Novato  
3 Watershed Tour on May 1<sup>st</sup> and a community meeting is scheduled for May 14<sup>th</sup> that Director  
4 Fraites and Drew McIntyre will attend. He also reminded the Board that Mr. McIntyre serves on the  
5 Novato Flood Control Advisory Board.

6 National Marine Fisheries

7 Mr. DeGabriele advised the Board that he will be attending a meeting tomorrow with the  
8 National Marine Fisheries Services (NMFS) and the County of Marin on the Steelhead Recovery  
9 Plan for Novato Creek.

10 Fluoridation Meeting

11 Mr. DeGabriele informed the Board that on May 19<sup>th</sup> he will be attending the Sonoma County  
12 Board of Supervisors meeting to hear the report from the Sonoma County Health Department  
13 regarding dental health and the recommendation from the Fluoridation Advisory Committee.

14 **OPEN TIME**

15 President Baker asked if anyone in the audience wished to bring up an item not on the  
16 agenda and the following items were discussed:

17 Novato resident, Ed Grundstrom, 2034 Hatch Road, addressed the Board and noted that the  
18 District is proposing to raise the rates again. He opined that the San Juan Capistrano decision will  
19 invalidate the District's rate structure and suggested that the District modify the way the rates are  
20 determined.

21 **STAFF/DIRECTORS REPORTS**

22 President Baker asked if staff or Directors wished to bring up an item not on the agenda and  
23 the following items were discussed:

24 Mr. Clark commented that the water produced at Stafford Lake Treatment Plant is having  
25 problems removing metals (Iron, Manganese) and advised that production has been slowed down at  
26 the treatment plant to work out the appropriate chemistry.

27 Director Fraites commented on the Novato Watershed Program tour that he attend on May  
28 1<sup>st</sup>, indicating that the County of Marin has some rather aggressive plans to reduce siltation in  
29 Novato Creek.

30 Director Rodoni advised the Board that he has been requested by the Sonoma County  
31 Water Agency's General Manager to attend the Sonoma County Board of Supervisors meeting next

1 Tuesday as Water Advisory Committee Chair to provide the water contractors perspective on the  
2 drought.

3 **ACTION CALENDAR**

4 **BILL ADJUSTMENT**

5 Mr. Bentley advised the Board that Ms. Bolger, an elderly resident who resides alone on  
6 Laurel Avenue in Black Point, received a water bill for \$287 in April and that her typical bimonthly bill  
7 runs about \$50. He stated that prior to Ms. Bolger receiving her bill a Field Service Representative  
8 visited her property to confirm the meter reading and determined it was accurate. He noted that  
9 when Ms. Bolger received her bill she called the District and when the District advised that the meter  
10 read was accurate she called a plumber who came out after hours, investigated and advised her  
11 that she did not have a leak and she was charged \$228. Mr. Bentley informed the Board that Ms.  
12 Bolger called and requested a new meter which was installed.

13 Mr. Bentley advised the Board that under the District's Bill Adjustment Policy, Ms. Bolger is  
14 entitled to a \$135 credit, reducing her bill to \$152. He advised the Board that Ms. Bolger believes  
15 she did not use 47,000 gallons of water and that she should only be responsible for her normal bill  
16 amount, which based on her April 2014 bill, would be \$48. He noted that an additional bill  
17 adjustment of \$104 is requested.

18 On motion of Director Petterle, seconded by Director Fraites the Board approved \$104  
19 additional bill adjustment for Ms. Bolger by the following vote:

20 AYES: Directors Baker, Fraites, Petterle, Rodoni and Schoonover

21 NOES: None

22 **RATE INCREASE LETTER TO WEST MARIN WATER AND OCEANA MARIN SEWER**  
23 **CUSTOMERS**

24 Mr. Bentley reminded the Board that the West Marin Water and Oceana Marin Sewer  
25 customers must be notified of a water or sewer rate increase at least 45 days prior to a public  
26 hearing where the Board considers adoption of an increase. He noted that the public hearing is  
27 scheduled for Tuesday, June 30, 2015 at 7:00 p.m. at the Dance Palace in Point Reyes Station.

28 Mr. Bentley advised the Board that the West Marin Water rate increase proposed will  
29 generate 5% in additional revenue and is consistent with the structure of the increase proposed for  
30 Novato customers wherein the bimonthly service charge is proposed to remain unchanged. He  
31 stated that the commodity rate is proposed to increase 6.5% effective July 1, 2015. Mr. Bentley  
32 stated that a 5% increase effective July 1, 2015 is proposed for Oceana Marin sewer service.

1 Mr. Bentley informed the Board that the proposed letters have been reviewed by District's  
2 legal counsel to assure compliance with the notification requirements of California law.

3 On motion of Director Rodoni, seconded by Director Schoonover, the Board approved  
4 mailing the proposed rate increase letters to West Marin Water and Oceana Marin Sewer customers  
5 by the following vote:

6 AYES: Directors Baker, Fraites, Petterle, Rodoni and Schoonover

7 NOES: None

8 Mr. DeGabriele advised the Board that the District did receive a public records request from  
9 a local attorney pertaining to the formulation of the District's tiered water rates. He informed the  
10 Board that he will respond to the attorney's request with the information prepared for the District  
11 board when the rates were adopted and he noted that staff is working with legal counsel on public  
12 records act compliance.

13 Director Petterle asked if most water agencies have tiered rate structures. Mr. Bentley stated  
14 that approximately 70-80% water agencies in California have tiered rate structures.

15 **INFORMATION ITEMS**

16 **INITIAL REVIEW – FY2015/16 PROPOSED NOVATO OPERATIONS BUDGET**

17 Mr. Bentley provided the initial review of the FY2015/16 Proposed Novato Operations  
18 Budget. He stated that the budget proposed projects a cash deficit of \$1.1M, which amount  
19 represents the drawdown of the remaining balance of the Bank of Marin loan reserve for the  
20 Aqueduct Energy Efficient Project. He stated that a rate increase of 3% is factored into the budget  
21 effective June 1, 2015 and that the increase adds \$510,000 to budgeted revenue. Mr. Bentley  
22 advised the Board that there will be a budgeted cost increase of 5% in the source of water supply  
23 from SCWA and the budget includes \$247,000 for an Assistant General Manager position in  
24 anticipation of the General Manager's future retirement. Mr. Bentley informed the Board that the  
25 proposed budget includes a staffing level of 52.7 full-time equivalent employees and a 2.7% cost of  
26 living salary increase. He advised the Board that the total budgeted operating expenditures are up  
27 \$1,284,000 compared to the FY15 budget.

28 **INITIAL REVIEW – FY2015/16 NOVATO RECYCLED WATER SYSTEM BUDGET**

29 Mr. Bentley provided the Board with the initial review of the FY2015/16 Novato Recycled  
30 Water Budget. He stated that operating expenses are budgeted to increase 6% and the budget  
31 projects purchase of 93.6/MG of tertiary treated water from Novato Sanitary District and 53.5/MG  
32 from Las Gallinas Valley Sanitary District at \$1,400/MG. He advised the Board that consistent with

1 the Novato potable water rate increase, a 4% commodity rate increase is proposed to be effective  
2 June 1, 2015 and which will generate \$28,000 in additional revenue.

3 Mr. Bentley stated that an \$11M project to expand recycled water distribution facilities to  
4 central Novato will commence next fiscal year, with \$3.5M anticipated to be expended over the 12-  
5 month period. Mr. Bentley indicated that the Recycled Water debt service requirements now exceed  
6 available Facility Reserve Charges collected and that debt payments will have to be credited from  
7 future Facility Reserve Charges. He advised that Recycled water revenue is not fully covering  
8 depreciation.

9 President Baker requested a future report explaining the difference in Recycled Water cost  
10 between Novato Sanitary District and Las Gallinas Valley Sanitary District.

### 11 **QUARTERLY PROGRESS REPORT – WATER CONSERVATION**

12 Mr. McIntyre provided the quarterly progress report for Water Conservation stating that the  
13 Cash For Grass program has the highest number of participants ever and the toilet rebates and  
14 Water Smart Home Surveys are up also. He advised the Board that Water Conservation staff are  
15 receiving a lot of calls on water wasters and anticipate hiring an additional temporary employee to  
16 help with the additional work. He stated that expenditures are up for the year and during the fourth  
17 quarter Water Conservation staff is planning another toilet giveaway event along with development  
18 of a Recycled Water fill station for residential customers. He provided the Board with a photograph  
19 of the Dublin-San Ramon Water District Recycled Water fill station. Mr. McIntyre advised the Board  
20 that the Recycled Water fill station will be constructed in the corporation yard by mid-summer,  
21 providing an alternate source of irrigation water for residential customers.

22 Director Petterle asked if the District would have to put in a new Recycled Water line. Mr.  
23 McIntyre stated that it would cost over \$100K and routed under the railroad tracks so this fill station  
24 would be a short term solution to get an idea of participation levels.

25 Mr. DeGabriele indicated that Water Conservation staff has increased outreach at public  
26 events including: Native Plant Day on April 18<sup>th</sup>, Novato Clean and Green Day on April 25<sup>th</sup>, Lose  
27 You Lawn seminar at Sloat Garden Center on April 25<sup>th</sup>, and Tour of Novato on May 2<sup>nd</sup>.

### 28 **QUARTERLY PROGRESS REPORT – ENGINEERING**

29 Mr. McIntyre provided the Board with the 3<sup>rd</sup> quarter progress report for Engineering stating  
30 that for the Novato Water System the anticipated Capital Improvement expenditures are \$14M, with  
31 the bulk of expenditures related to the Aqueduct Energy Efficiency Project. He stated that for the  
32 Novato Recycled Water system, the Capital Improvement expenditures are forecasted to be  
33 \$274,500, (\$150K above the approved budget). He informed the Board that the West Marin Water

1 System Capital Improvement expenditures of \$1,451,000 are forecasted to be below the budgeted  
2 amount. He noted that the overall actual performance is 59% completed.

3 Mr. McIntyre reported to the Board that staff is working on the Recycled Water Central Area  
4 Expansion and there has been some development in car wash retrofits. He noted that there have  
5 been two completed so far and the District has received two more applications and there will be  
6 three car washes using recycled water.

7 Director Rodoni asked if the Gallagher Well was online. Mr. Clark responded the well is  
8 permitted but the system modification requires a series of documents that need to be completed for  
9 the state. He noted that Water Quality Supervisor, Pablo Ramudo is working on completing the  
10 forms by next week.

### 11 **THIRD QUARTER PROGRESS REPORT – OPERATIONS/MAINTENANCE**

12 Mr. Clark provided the Board with the 3<sup>rd</sup> quarter progress report for the  
13 Operations/Maintenance department stating that Stafford Treatment Plant started production in early  
14 February and was able to treat 120AF of water in a two month period. He stated that crews  
15 completed flushing in the Novato area in April. Mr. Clark advised the Board that staff installed five  
16 security cameras on the 999 Rush Creek property and will be receiving a new gate card reader  
17 which will allow employees access using name badges rather than a manual code.

18 Mr. Clark advised the Board that crews finished flushing in West Marin in March and that  
19 they completed work on the Inverness Park Pump Station emergency generator connection.

20 President Baker asked if staff has notice a difference since the termination of Phillips &  
21 Associates contract for Oceana Marin O&M services. Mr. Clark stated that it has taken more staff  
22 time than originally anticipated to repair and complete tasks that Phillips & Associates had left  
23 incomplete.

### 24 **NBWRA MEETING UPDATE – APRIL 27, 2015**

25 Mr. McIntyre advised the Board that he and Director Schoonover attended the North Bay  
26 Water Reuse Authority Meeting on April 27<sup>th</sup> and stated that the Board approved adding the City of  
27 American Canyon as an associate member. He noted that an associate member is a minimal level  
28 participant who does not have a specific project to sponsor.

29 Mr. McIntyre advised the Board that Novato Sanitary District has identified two projects in  
30 the North Bay Water Reuse Authority Phase 2 program: 1) relocation of the Novato Sanitary District  
31 outfall, and 2) full treatment of all Davidson plant flow to Recycled Water Title 22 Standards.

1 **WAC/TAC MEETING – MAY 4, 2015**

2 Mr. DeGabriele provided a summary of the Water Advisory/Technical Advisory Committee  
3 meeting on May 4<sup>th</sup>. He stated that the WAC approved the Renewal Agreement between SCWA and  
4 Marin Municipal Water District and that the Water Agency did receive a Temporary Urgency Change  
5 Order (TUCO) to reduce releases from Lake Mendocino. He advised the Board that there is very  
6 little inflow to Lake Pillsbury and storage there is falling rapidly. He noted that instream flow  
7 requirements on the Eel River may need to be reduced and that it is possible for an amendment to  
8 the TUCO.

9 **UPDATE ON SWRCB DROUGHT EMERGENCY WATER CONSERVATION REGULATIONS**

10 Mr. DeGabriele provided the Board with an update on the State Water Resources Control  
11 Board (SWRCB) Drought Emergency Water Conservation Regulations. He noted that as of 7 p.m.  
12 the State Board had not yet adopted amended regulations. He provided the Board with the letter  
13 sent from the Sonoma-Marin Saving Water Partnership to the State Board to make an effort to  
14 address the State Board on a regional approach and the State Board did not accept such regional  
15 approaches.

16 Mr. DeGabriele stated articles published in the Marin Independent Journal and Pt. Reyes  
17 Light advised customers that the drought is still on and to pay attention to outdoor water usage. He  
18 advised the Board that at the May 19<sup>th</sup> meeting, staff will propose two resolutions to meet the  
19 SWRCB requirements, one for Novato and one for West Marin similar to the original proposed  
20 regulations. He informed the Board that in West Marin staff will propose a limit on outdoor irrigation  
21 to two days per week with no percentage reduction.

22 Director Rodoni asked what the District would have to provide regarding restrictions in West  
23 Marin. Mr. DeGabriele stated that there is no longer a requirement to modify the Water Shortage  
24 Contingency Plan and a resolution is sufficient.

25 **MISCELLANEOUS**

26 The Board received the following miscellaneous items: Disbursements, Eco-Friendly Garden  
27 Tour, Novato Flood Protection and Watershed Program, and Ltr. to SFRWQCB.

28 The Board also received the following news articles: Water regs still clarifying, Water  
29 partnership asks state to let Marin, Sonoma work together on drought, Marin-Sonoma water  
30 agencies will not be able to join forces to fight drought, Marin IJ Editorial: Marin-Sonoma approach  
31 to drought restrictions is better, Marin parks chief Linda Dahl announces her retirement, and Novato  
32 schools select new superintendent.



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## MEMORANDUM

To: Board of Directors

May 15, 2015

From: Ryan Grisso, Water Conservation Coordinator *Rb*Subject: Drought Emergency Water Conservation Regulations – Continue Public Hearing  
t:\gm\swrcb\public hearing drought emergency water conservation requirements may 2015.doc**RECOMMENDED ACTION:** Continue public hearing to adopt resolutions with amended emergency water conservation requirements.**FINANCIAL IMPACT:** None at this time

The Governor proclaimed a state of emergency on January 17, 2014, and declared drought conditions under the California Emergency Services Act (Act) and on April 25, 2014, the Governor issued a proclamation of continued state of emergency under the Act based on continued drought conditions existing statewide. On April 1, 2014, the NMWD Board declared a water shortage emergency, enacted the Water Shortage Contingency Plan and adopted Emergency Water Conservation Ordinances No. 28 and No. 29, prohibiting waste of water and non-essential uses of water. (The West Marin Ordinance was lifted at the Board of Directors meeting on February 3, 2015).

On July 15, 2014, the State Water Resources Control Board (State Board) adopted Article 22.5 entitled "Drought Emergency Water Conservation Regulations" (California Code of Regulations Title 23, Sections 863, 864, and 865) which makes drought related findings and imposed state-wide mandatory requirements on urban water suppliers. On August 5, 2014 the NMWD Board adopted a resolution to comply with the State Board requirements augmenting the adopted Novato water use restrictions in Ordinance No. 28, with mandatory urban outdoor water use restrictions and water usage reporting procedures in compliance with the State Board's requirements.

On Wednesday, April 1, 2015, Governor Brown issued Executive Order (EO) B-29-15 (Attachment 1) which directs the State Board to add further restrictions to save water. State Board then re-adopted the previously mentioned Emergency Water Conservation Regulations with amendments on May 5, 2015 (State Board Order, Attachment 2).

Staff proposes that NMWD comply with the amended State Board Order by resolution. Draft updated resolutions containing additional water use prohibitions compliant with the State Board Order and the Governor's EO, are attached (Attachments 3 and 4) for your review and approval. Staff has also created a summary of the proposed 2015 water use prohibitions and regulations for your review (Attachment 5 and 6).

A public hearing was continued from April 21, 2015 to the May 19, 2015 meeting. The public hearing was previously noticed in the Novato Advance on April 15, 2015, Pt. Reyes Light on April 16, 2015 and Marin Independent Journal on April 17, 2015.

**RECOMMENDATION**

Board continue the public hearing and consider adoption of the attached resolution updated to comply with the current State Board Emergency Water Conservation Regulations and Governor's EO.

## **Executive Department**

State of California

### **EXECUTIVE ORDER B-29-15**

**WHEREAS** on January 17, 2014, I proclaimed a State of Emergency to exist throughout the State of California due to severe drought conditions; and

**WHEREAS** on April 25, 2014, I proclaimed a Continued State of Emergency to exist throughout the State of California due to the ongoing drought; and

**WHEREAS** California's water supplies continue to be severely depleted despite a limited amount of rain and snowfall this winter, with record low snowpack in the Sierra Nevada mountains, decreased water levels in most of California's reservoirs, reduced flows in the state's rivers and shrinking supplies in underground water basins; and

**WHEREAS** the severe drought conditions continue to present urgent challenges including: drinking water shortages in communities across the state, diminished water for agricultural production, degraded habitat for many fish and wildlife species, increased wildfire risk, and the threat of saltwater contamination to fresh water supplies in the Sacramento-San Joaquin Bay Delta; and

**WHEREAS** a distinct possibility exists that the current drought will stretch into a fifth straight year in 2016 and beyond; and

**WHEREAS** new expedited actions are needed to reduce the harmful impacts from water shortages and other impacts of the drought; and

**WHEREAS** the magnitude of the severe drought conditions continues to present threats beyond the control of the services, personnel, equipment, and facilities of any single local government and require the combined forces of a mutual aid region or regions to combat; and

**WHEREAS** under the provisions of section 8558(b) of the Government Code, I find that conditions of extreme peril to the safety of persons and property continue to exist in California due to water shortage and drought conditions with which local authority is unable to cope; and

**WHEREAS** under the provisions of section 8571 of the California Government Code, I find that strict compliance with various statutes and regulations specified in this order would prevent, hinder, or delay the mitigation of the effects of the drought.

**NOW, THEREFORE, I, EDMUND G. BROWN JR., Governor of the State of California, in accordance with the authority vested in me by the Constitution and statutes of the State of California, in particular Government Code sections 8567 and 8571 of the California Government Code, do hereby issue this Executive Order, effective immediately.**

 15

**IT IS HEREBY ORDERED THAT:**

1. The orders and provisions contained in my January 17, 2014 Proclamation, my April 25, 2014 Proclamation, and Executive Orders B-26-14 and B-28-14 remain in full force and effect except as modified herein.

**SAVE WATER**

2. The State Water Resources Control Board (Water Board) shall impose restrictions to achieve a statewide 25% reduction in potable urban water usage through February 28, 2016. These restrictions will require water suppliers to California's cities and towns to reduce usage as compared to the amount used in 2013. These restrictions should consider the relative per capita water usage of each water suppliers' service area, and require that those areas with high per capita use achieve proportionally greater reductions than those with low use. The California Public Utilities Commission is requested to take similar action with respect to investor-owned utilities providing water services.
3. The Department of Water Resources (the Department) shall lead a statewide initiative, in partnership with local agencies, to collectively replace 50 million square feet of lawns and ornamental turf with drought tolerant landscapes. The Department shall provide funding to allow for lawn replacement programs in underserved communities, which will complement local programs already underway across the state.
4. The California Energy Commission, jointly with the Department and the Water Board, shall implement a time-limited statewide appliance rebate program to provide monetary incentives for the replacement of inefficient household devices.
5. The Water Board shall impose restrictions to require that commercial, industrial, and institutional properties, such as campuses, golf courses, and cemeteries, immediately implement water efficiency measures to reduce potable water usage in an amount consistent with the reduction targets mandated by Directive 2 of this Executive Order.
6. The Water Board shall prohibit irrigation with potable water of ornamental turf on public street medians.
7. The Water Board shall prohibit irrigation with potable water outside of newly constructed homes and buildings that is not delivered by drip or microspray systems.

8. The Water Board shall direct urban water suppliers to develop rate structures and other pricing mechanisms, including but not limited to surcharges, fees, and penalties, to maximize water conservation consistent with statewide water restrictions. The Water Board is directed to adopt emergency regulations, as it deems necessary, pursuant to Water Code section 1058.5 to implement this directive. The Water Board is further directed to work with state agencies and water suppliers to identify mechanisms that would encourage and facilitate the adoption of rate structures and other pricing mechanisms that promote water conservation. The California Public Utilities Commission is requested to take similar action with respect to investor-owned utilities providing water services.

#### **INCREASE ENFORCEMENT AGAINST WATER WASTE**

9. The Water Board shall require urban water suppliers to provide monthly information on water usage, conservation, and enforcement on a permanent basis.
10. The Water Board shall require frequent reporting of water diversion and use by water right holders, conduct inspections to determine whether illegal diversions or wasteful and unreasonable use of water are occurring, and bring enforcement actions against illegal diverters and those engaging in the wasteful and unreasonable use of water. Pursuant to Government Code sections 8570 and 8627, the Water Board is granted authority to inspect property or diversion facilities to ascertain compliance with water rights laws and regulations where there is cause to believe such laws and regulations have been violated. When access is not granted by a property owner, the Water Board may obtain an inspection warrant pursuant to the procedures set forth in Title 13 (commencing with section 1822.50) of Part 3 of the Code of Civil Procedure for the purposes of conducting an inspection pursuant to this directive.
11. The Department shall update the State Model Water Efficient Landscape Ordinance through expedited regulation. This updated Ordinance shall increase water efficiency standards for new and existing landscapes through more efficient irrigation systems, greywater usage, onsite storm water capture, and by limiting the portion of landscapes that can be covered in turf. It will also require reporting on the implementation and enforcement of local ordinances, with required reports due by December 31, 2015. The Department shall provide information on local compliance to the Water Board, which shall consider adopting regulations or taking appropriate enforcement actions to promote compliance. The Department shall provide technical assistance and give priority in grant funding to public agencies for actions necessary to comply with local ordinances.
12. Agricultural water suppliers that supply water to more than 25,000 acres shall include in their required 2015 Agricultural Water Management Plans a detailed drought management plan that describes the actions and measures the supplier will take to manage water demand during drought. The Department shall require those plans to include quantification of water supplies and demands for 2013, 2014, and 2015 to the extent data is available. The Department will provide technical assistance to water suppliers in preparing the plans.

13. Agricultural water suppliers that supply water to 10,000 to 25,000 acres of irrigated lands shall develop Agricultural Water Management Plans and submit the plans to the Department by July 1, 2016. These plans shall include a detailed drought management plan and quantification of water supplies and demands in 2013, 2014, and 2015, to the extent that data is available. The Department shall give priority in grant funding to agricultural water suppliers that supply water to 10,000 to 25,000 acres of land for development and implementation of Agricultural Water Management Plans.
14. The Department shall report to Water Board on the status of the Agricultural Water Management Plan submittals within one month of receipt of those reports.
15. Local water agencies in high and medium priority groundwater basins shall immediately implement all requirements of the California Statewide Groundwater Elevation Monitoring Program pursuant to Water Code section 10933. The Department shall refer noncompliant local water agencies within high and medium priority groundwater basins to the Water Board by December 31, 2015, which shall consider adopting regulations or taking appropriate enforcement to promote compliance.
16. The California Energy Commission shall adopt emergency regulations establishing standards that improve the efficiency of water appliances, including toilets, urinals, and faucets available for sale and installation in new and existing buildings.

#### **INVEST IN NEW TECHNOLOGIES**

17. The California Energy Commission, jointly with the Department and the Water Board, shall implement a Water Energy Technology (WET) program to deploy innovative water management technologies for businesses, residents, industries, and agriculture. This program will achieve water and energy savings and greenhouse gas reductions by accelerating use of cutting-edge technologies such as renewable energy-powered desalination, integrated on-site reuse systems, water-use monitoring software, irrigation system timing and precision technology, and on-farm precision technology.

#### **STREAMLINE GOVERNMENT RESPONSE**

18. The Office of Emergency Services and the Department of Housing and Community Development shall work jointly with counties to provide temporary assistance for persons moving from housing units due to a lack of potable water who are served by a private well or water utility with less than 15 connections, and where all reasonable attempts to find a potable water source have been exhausted.
19. State permitting agencies shall prioritize review and approval of water infrastructure projects and programs that increase local water supplies, including water recycling facilities, reservoir improvement projects, surface water treatment plants, desalination plants, stormwater capture, and greywater systems. Agencies shall report to the Governor's Office on applications that have been pending for longer than 90 days.

20. The Department shall take actions required to plan and, if necessary, implement Emergency Drought Salinity Barriers in coordination and consultation with the Water Board and the Department of Fish and Wildlife at locations within the Sacramento - San Joaquin delta estuary. These barriers will be designed to conserve water for use later in the year to meet state and federal Endangered Species Act requirements, preserve to the extent possible water quality in the Delta, and retain water supply for essential human health and safety uses in 2015 and in the future.
21. The Water Board and the Department of Fish and Wildlife shall immediately consider any necessary regulatory approvals for the purpose of installation of the Emergency Drought Salinity Barriers.
22. The Department shall immediately consider voluntary crop idling water transfer and water exchange proposals of one year or less in duration that are initiated by local public agencies and approved in 2015 by the Department subject to the criteria set forth in Water Code section 1810.
23. The Water Board will prioritize new and amended safe drinking water permits that enhance water supply and reliability for community water systems facing water shortages or that expand service connections to include existing residences facing water shortages. As the Department of Public Health's drinking water program was transferred to the Water Board, any reference to the Department of Public Health in any prior Proclamation or Executive Order listed in Paragraph 1 is deemed to refer to the Water Board.
24. The California Department of Forestry and Fire Protection shall launch a public information campaign to educate the public on actions they can take to help to prevent wildfires including the proper treatment of dead and dying trees. Pursuant to Government Code section 8645, \$1.2 million from the State Responsibility Area Fire Prevention Fund (Fund 3063) shall be allocated to the California Department of Forestry and Fire Protection to carry out this directive.
25. The Energy Commission shall expedite the processing of all applications or petitions for amendments to power plant certifications issued by the Energy Commission for the purpose of securing alternate water supply necessary for continued power plant operation. Title 20, section 1769 of the California Code of Regulations is hereby waived for any such petition, and the Energy Commission is authorized to create and implement an alternative process to consider such petitions. This process may delegate amendment approval authority, as appropriate, to the Energy Commission Executive Director. The Energy Commission shall give timely notice to all relevant local, regional, and state agencies of any petition subject to this directive, and shall post on its website any such petition.

26. For purposes of carrying out directives 2–9, 11, 16–17, 20–23, and 25, Division 13 (commencing with section 21000) of the Public Resources Code and regulations adopted pursuant to that Division are hereby suspended. This suspension applies to any actions taken by state agencies, and for actions taken by local agencies where the state agency with primary responsibility for implementing the directive concurs that local action is required, as well as for any necessary permits or approvals required to complete these actions. This suspension, and those specified in paragraph 9 of the January 17, 2014 Proclamation, paragraph 19 of the April 25, 2014 proclamation, and paragraph 4 of Executive Order B-26-14, shall remain in effect until May 31, 2016. Drought relief actions taken pursuant to these paragraphs that are started prior to May 31, 2016, but not completed, shall not be subject to Division 13 (commencing with section 21000) of the Public Resources Code for the time required to complete them.
27. For purposes of carrying out directives 20 and 21, section 13247 and Chapter 3 of Part 3 (commencing with section 85225) of the Water Code are suspended.
28. For actions called for in this proclamation in directive 20, the Department shall exercise any authority vested in the Central Valley Flood Protection Board, as codified in Water Code section 8521, et seq., that is necessary to enable these urgent actions to be taken more quickly than otherwise possible. The Director of the Department of Water Resources is specifically authorized, on behalf of the State of California, to request that the Secretary of the Army, on the recommendation of the Chief of Engineers of the Army Corps of Engineers, grant any permission required pursuant to section 14 of the Rivers and Harbors Act of 1899 and codified in section 48 of title 33 of the United States Code.
29. The Department is directed to enter into agreements with landowners for the purposes of planning and installation of the Emergency Drought Barriers in 2015 to the extent necessary to accommodate access to barrier locations, land-side and water-side construction, and materials staging in proximity to barrier locations. Where the Department is unable to reach an agreement with landowners, the Department may exercise the full authority of Government Code section 8572.
30. For purposes of this Executive Order, chapter 3.5 (commencing with section 11340) of part 1 of division 3 of the Government Code and chapter 5 (commencing with section 25400) of division 15 of the Public Resources Code are suspended for the development and adoption of regulations or guidelines needed to carry out the provisions in this Order. Any entity issuing regulations or guidelines pursuant to this directive shall conduct a public meeting on the regulations and guidelines prior to adopting them.

31. In order to ensure that equipment and services necessary for drought response can be procured quickly, the provisions of the Government Code and the Public Contract Code applicable to state contracts, including, but not limited to, advertising and competitive bidding requirements, are hereby suspended for directives 17, 20, and 24. Approval by the Department of Finance is required prior to the execution of any contract entered into pursuant to these directives.

This Executive Order is not intended to, and does not, create any rights or benefits, substantive or procedural, enforceable at law or in equity, against the State of California, its agencies, departments, entities, officers, employees, or any other person.

**I FURTHER DIRECT** that as soon as hereafter possible, this Order be filed in the Office of the Secretary of State and that widespread publicity and notice be given to this Order.

IN WITNESS WHEREOF I have  
hereunto set my hand and caused the  
Great Seal of the State of California to  
be affixed this 1<sup>st</sup> day of April 2015.

\_\_\_\_\_  
EDMUND G. BROWN JR.  
Governor of California

ATTEST:

\_\_\_\_\_  
ALEX PADILLA  
Secretary of State

**STATE WATER RESOURCES CONTROL BOARD  
RESOLUTION NO. 2015-0032**

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

**WHEREAS:**

1. On April 25, 2014, Governor Edmund G. Brown Jr. issued an executive order (April 2014 Proclamation) to strengthen the State's ability to manage water and habitat effectively in drought conditions, and called on all Californians to redouble their efforts to conserve water. The April 2014 Proclamation finds that the continuous severe drought conditions present urgent challenges across the State, including water shortages in communities and for agricultural production, increased wildfires, degraded habitat for fish and wildlife, threat of saltwater contamination, and additional water scarcity, if drought conditions continue into 2015. The April 2014 Proclamation also suspends the environmental review required by the California Environmental Quality Act to allow the emergency regulation and other actions to take place as quickly as possible;
2. The April 2014 Proclamation refers to the Governor's Proclamation No. 1-17-2014, issued on January 17, 2014, declaring a drought State of Emergency to exist in California due to severe drought conditions (January 2014 Proclamation). The January 2014 Proclamation finds that dry conditions and lack of precipitation present urgent problems to drinking water supplies and cultivation of crops, which put farmers' long-term investments at risk. The conditions also threaten the survival of animals and plants that rely on California's rivers, including many species in danger of extinction. The January 2014 Proclamation also calls on all Californians to reduce their water usage by 20 percent;
3. On December 22, 2014, in light of the continued lack of rain, Governor Brown issued Executive Order B-28-14, which extends the California Environmental Quality Act suspension through May 31, 2016 for Water Code section 13247 and certain activities identified in the January 2014 and April 2014 proclamations;
4. On April 1, 2015, Governor Brown issued a new Executive Order that directs the State Water Board to impose restrictions on urban water suppliers to achieve a statewide 25 percent reduction in potable urban usage through February 2016; require commercial, industrial, and institutional users to implement water efficiency measures; prohibit irrigation with potable water of ornamental turf in public street medians; and prohibit irrigation with potable water outside newly constructed homes and buildings that is not delivered by drip or microspray systems; along with other directives;
5. Water Code section 1058.5 grants the State Water Board the authority to adopt emergency regulations in certain drought years in order to: "prevent the waste, unreasonable use, unreasonable method of use, or unreasonable method of diversion, of water, to promote water recycling or water conservation, to require curtailment of diversions when water is not available under the diverter's priority of right, or in furtherance of any of the foregoing, to require reporting of diversion or use or the preparation of monitoring reports";

6. On July 15, 2014, the State Water Board adopted an emergency regulation to support water conservation (Resolution No. 2014-0038), and that regulation became effective July 28, 2014 upon approval by the Office of Administrative Law (OAL);
7. On March 17, 2015, the State Water Board amended and readopted the emergency regulation to support water conservation (Resolution No. 2015-0013), which became effective March 27, 2015 upon approval by OAL;
8. The current emergency regulation has supported Californians' water conservation efforts, with over 125 billion gallons saved from August 2014 through March 2015; however, statewide water use is only nine percent less than the same months in 2013. Achieving a 25 percent reduction in use will require even greater conservation efforts across the state. In particular, many communities must dramatically reduce their outdoor water use;
9. In many areas, 50 percent or more of daily water use is for lawns and outdoor landscaping. Outdoor water use is generally discretionary, and many irrigated landscapes will survive while receiving a decreased amount of water;
10. Although urban water suppliers have placed restrictions on outdoor watering, the State Water Board continues to receive reports of excessive outdoor water use;
11. Water conservation is the easiest, most efficient and most cost-effective way to quickly reduce water demand and extend supplies into the next year, providing flexibility for all California communities. Water saved this summer is water available later in the season or next year, reducing the likelihood of even more severe water shortages should the drought continue;
12. Education and enforcement against water waste is a key tool in conservation programs. When conservation becomes a social norm in a community, the need for enforcement is reduced or eliminated;
13. Public information and awareness is critical to achieving conservation goals, and the Save Our Water campaign, run jointly by the Department of Water Resources (DWR) and the Association of California Water Agencies, is an excellent resource for conservation information and messaging that is integral to effective drought response (<http://saveourwater.com>);
14. Many California communities are facing social and economic hardship due to this drought. The rest of us can make adjustments to our water use, including landscape choices that conserve even more water;
15. The California Constitution declares, at article X, section 2, that the water resources of the state must be put to beneficial use in a manner that is reasonable and not wasteful. Relevant to the current drought conditions, the California Supreme Court has clarified that "what may be a reasonable beneficial use, where water is present in excess of all needs, would not be a reasonable beneficial use in an area of great scarcity and great need. What is a beneficial use at one time may, because of changed conditions, become a waste of water at a later time." (*Tulare Dist. v. Lindsay Strathmore Dist.* (1935) 3 Cal.2d 489, 567.) In support of water conservation, the legislature has, through Water Code section 1011, deemed reductions in water use due to conservation as equivalent

to reasonable beneficial use of that water. Accordingly, this regulation is in furtherance of article X, section 2 during this drought emergency. This temporary emergency regulation is not to be used in any future administrative or judicial proceedings as evidence or finding of waste and unreasonable use of any individual water user or water supplier subject to this regulation, and are not to affect or otherwise limit any rights to water conserved under applicable law, including without limitation, water conserved consistent with Water Code section 1011;

16. Directive two of the Governor's April 1, 2015 Executive Order directs the State Water Board to consider the relative per capita usage of each urban water supplier's service area and require that areas with high per capita use achieve proportionally greater reductions than areas with low per capita use;
17. On April 7, 2015, the State Water Board issued a draft framework proposing increasing levels of required water reduction based upon residential per capita per day use (R-GPCD) for the proposed regulation, and solicited public comments. The Board received over 300 comments on the framework, primarily relating to the levels of required water reduction;
18. On April 18, the State Water Board issued draft regulatory language for public comment based on the April 7 framework and the comments received. The draft regulatory language reflected careful consideration of all comments including those directed at the levels of required reduction. Again, the Board received close to 300 comments;
19. On April 28, 2015, the State Water Board issued a final version of draft regulatory language for comment, followed on April 29 by a formal public notice that it would consider the adoption of the emergency regulation at the Board's regularly-scheduled May 5 and 6, 2015 public meeting, in accordance with applicable State laws and regulations. The State Water Board also distributed for public review and comment a Finding of Emergency that complies with State laws and regulations;
20. As discussed above, the State Water Board is adopting the emergency regulation because of the continuing emergency drought conditions, the need for prompt action to prevent the waste and unreasonable use of water and to promote conservation, and the specific actions called for in the Governor's April 1, 2015 Executive Order; and
21. Nothing in the regulation or in the enforcement provisions of the regulation precludes a local agency from exercising its authority to adopt more stringent conservation measures. Moreover, the Water Code does not impose a mandatory penalty for violations of the regulation adopted by this resolution, and local agencies retain the enforcement discretion in enforcing the regulation to the extent authorized. Local agencies are encouraged to develop their own progressive enforcement practices to promote conservation.

THEREFORE BE IT RESOLVED THAT:

1. The State Water Board adopts California Code of Regulations, title 23, section 866 and re-adopts sections 863, 864, and 865, as appended to this resolution as an emergency regulation;

2. State Water Board staff will submit the regulation to OAL for final approval;
3. If, during the approval process, State Water Board staff, the State Water Board, or OAL determines that minor corrections to the language of the regulation or supporting documentation are needed for clarity or consistency, the State Water Board Executive Director or the Executive Director's designee may make such changes;
4. This regulation shall remain in effect for 270 days after filing with the Secretary of State unless the State Water Board determines that it is no longer necessary due to changed conditions, or unless the State Water Board renews the regulation due to continued drought conditions as described in Water Code section 1058.5;
5. The State Water Board directs staff to provide the Board with monthly updates on the implementation of the emergency regulation and its effect. These updates shall include information regarding the progress of the Building Standards Commission, Department of Housing and Community Development, and other state agencies in the adoption and implementation of emergency regulations or other requirements that implement increased outdoor irrigation efficiency for new construction. These regulations and other requirements will extend existing efficiency standards for new construction to the outdoor environment and ensure that California's new homes are constructed to meet the growing demand with the most efficient standards;
6. The State Water Board directs staff to condition funding upon compliance with the emergency regulation, to the extent feasible;
7. The State Water Board directs staff to work with DWR and the Save Our Water campaign to disseminate information regarding the emergency regulation; and
8. The State Water Board directs staff to update the electronic reporting portal to include data fields for the new reporting required by the emergency regulation.

THEREFORE BE IT FURTHER RESOLVED THAT:

9. The State Water Board shall work with DWR, the Public Utilities Commission, and other agencies to support urban water suppliers' actions to implement rates and pricing structures to incent additional conservation, as required by directive eight in the Governor's April 1, 2015 Executive Order. The Fourth District Court of Appeal's recent Decision in *Capistrano Taxpayer Association Inc. v. City of San Juan Capistrano* (G048969) does not foreclose the use of conservation-oriented rate structures;
10. The State Water Board calls upon water suppliers to:
  - a. ensure that adequate personnel and financial resources exist to implement conservation requirements not only for 2015, but also for another year of drought should it occur. Water suppliers that face budget shortfalls due to reduced sales should take immediate steps to raise necessary revenues in a way that actively promotes continued conservation;
  - b. expedite implementation of new conservation programs by minimizing internal review periods and utilizing emergency authorities, as appropriate;

- c. consider the relative water use and conservation practices of their customers and target those with higher water use to achieve proportionally greater reductions than those with low use;
  - d. minimize financial impacts to low-income customers;
  - e. preserve safe indoor water supplies in areas with very low R-GPCD and where necessary to protect public health and safety;
  - f. promote low-water use methods of preserving appropriate defensible space in fire-prone areas, consistent with local fire district requirements;
  - g. educate customers on the preservation of trees;
  - h. promote on-site reuse of water; and
  - i. promptly notify staff of the supplier's need for an alternate method of compliance pursuant to resolved paragraph 16.
11. The State Water Board calls upon all businesses within California's travel and tourism sectors to inform visitors of California's dire drought situation and actions visitors should take to conserve water;
  12. The State Water Board commends wholesale water agencies that have set aggressive conservation targets for their retail water suppliers;
  13. The State Water Board commends water suppliers that have made investments to boost drought-resistant supplies, such as advanced treated recycled water and desalination. Those investments help to make communities more resilient in the face of drought;
  14. The State Water Board commends the many water suppliers that have already surpassed their 20x2020 conservation targets. Long-term conservation efforts are critical to maintaining economic and social well-being, especially in light of the impacts of climate change on California's hydrology;
  15. During this drought emergency, heightened conservation that extends urban resilience is necessary. The State Water Board's focus is primarily on immediate reductions in outdoor water use. Some short-term conservation efforts, such as landscape conversions and installation of efficient appliances, will also support long-term conservation objectives, and are encouraged wherever possible;
  16. The State Water Board recognizes that some commercial and industrial customers, while accounting for a significant portion of total use in a service area, have already taken steps to significantly reduce their water consumption and cannot further reduce their use without substantial impacts. However, the Board also recognizes that in many areas there are significant opportunities for reductions in water use by industries and commercial enterprises that have yet to take action, especially those with large areas of non-functional turf. The Board directs staff to respond promptly upon receipt of any request for alternate enforceable methods of compliance. If the supplier believes the conservation standard is unachievable due to firm commercial and industrial water use

and residential use reductions that would affect public health and safety, it should provide any supporting information or documentation for an alternate method of compliance; and

17. Some water suppliers have called for further refinement of the tiers to reflect a range of factors that contribute to water use, including but not limited to temperature, lot size, and income. Others have called for an approach that provides greater recognition for early investments in conservation, the development of local, drought resistant water supplies, and health and safety needs. These suggestions and many others are important considerations in the development of a more comprehensive, and long term, conservation framework. The State Water Board directs staff to work with stakeholders on a thoughtful process to devise options for extended and expanded emergency regulations should the drought continue into 2016.

### CERTIFICATION

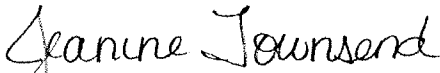
The undersigned Clerk to the Board does hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the State Water Resources Control Board held on May 5, 2015.

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

NAY:           None

ABSENT:       None

ABSTAIN:      None

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

## ADOPTED TEXT OF EMERGENCY REGULATION

### Article 22.5. Drought Emergency Water Conservation.

#### Sec. 863. Findings of Drought Emergency.

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

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

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

(3) On April 1, 2015, the Governor issued an Executive Order that, in part, directs the State Board to impose restrictions on water suppliers to achieve a statewide 25 percent reduction in potable urban usage through February, 2016; require commercial, industrial, and institutional users to implement water efficiency measures; prohibit irrigation with potable water of ornamental turf in public street medians; and prohibit irrigation with potable water outside newly constructed homes and buildings that is not delivered by drip or microspray systems;

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

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

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

Authority: Section 1058.5, Water Code.

References: Cal. Const., Art., X § 2; Sections 102, 104, 105, and 275, Water Code; *Light v. State Water Resources Control Board* (2014) 226 Cal.App.4th 1463.

#### Sec. 864. End-User Requirements in Promotion of Water Conservation.

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

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

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

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

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

- (5) The application of potable water to outdoor landscapes during and within 48 hours after measurable rainfall;
- (6) The serving of drinking water other than upon request in eating or drinking establishments, including but not limited to restaurants, hotels, cafes, cafeterias, bars, or other public places where food or drink are served and/or purchased;
- (7) The irrigation with potable water of ornamental turf on public street medians; and
- (8) The irrigation with potable water of landscapes outside of newly constructed homes and buildings in a manner inconsistent with regulations or other requirements established by the California Building Standards Commission and the Department of Housing and Community Development.
- (b) To promote water conservation, operators of hotels and motels shall provide guests with the option of choosing not to have towels and linens laundered daily. The hotel or motel shall prominently display notice of this option in each guestroom using clear and easily understood language.
- (c) Immediately upon this subdivision taking effect, all commercial, industrial and institutional properties that use a water supply, any portion of which is from a source other than a water supplier subject to section 865, shall either:
- (1) Limit outdoor irrigation of ornamental landscapes or turf with potable water to no more than two days per week; or
- (2) Reduce potable water usage supplied by sources other than a water supplier by 25 percent for the months of June 2015 through February 2016 as compared to the amount used from those sources for the same months in 2013.
- (d) The taking of any action prohibited in subdivision (a) or the failure to take any action required in subdivisions (b) or (c), is an infraction, punishable by a fine of up to five hundred dollars (\$500) for each day in which the violation occurs. The fine for the infraction is in addition to, and does not supersede or limit, any other remedies, civil or criminal.

Authority: Section 1058.5, Water Code.

References: Cal. Const., Art., X § 2; Sections 102, 104, 105, 275, 350, and 10617, Water Code; *Light v. State Water Resources Control Board* (2014) 226 Cal.App.4th 1463.

#### Sec. 865. Mandatory Actions by Water Suppliers.

(a) As used in this section:

- (1) "Distributor of a public water supply" has the same meaning as under section 350 of the Water Code, except it does not refer to such distributors when they are functioning solely in a wholesale capacity, but does apply to distributors when they are functioning in a retail capacity.
- (2) "R-GPCD" means residential gallons per capita per day.

- (3) "Total potable water production" means all potable water that enters into a water supplier's distribution system, excluding water placed into storage and not withdrawn for use during the reporting period, or water exported outside the supplier's service area.
- (4) "Urban water supplier" means a supplier that meets the definition set forth in Water Code section 10617, except it does not refer to suppliers when they are functioning solely in a wholesale capacity, but does apply to suppliers when they are functioning in a retail capacity.

(b) In furtherance of the promotion of water conservation each urban water supplier shall:

(1) Provide prompt notice to a customer whenever the supplier obtains information that indicates that a leak may exist within the end-user's exclusive control.

(2) Prepare and submit to the State Water Resources Control Board by the 15<sup>th</sup> of each month a monitoring report on forms provided by the Board. The monitoring report shall include the amount of potable water the urban water supplier produced, including water provided by a wholesaler, in the preceding calendar month and shall compare that amount to the amount produced in the same calendar month in 2013. The monitoring report shall specify the population served by the urban water supplier, the percentage of water produced that is used for the residential sector, descriptive statistics on water conservation compliance and enforcement efforts, and the number of days that outdoor irrigation is allowed, and monthly commercial, industrial and institutional sector use. The monitoring report shall also estimate the gallons of water per person per day used by the residential customers it serves.

(c)(1) To prevent the waste and unreasonable use of water and to meet the requirements of the Governor's April 1, 2015 Executive Order, each urban water supplier shall reduce its total potable water production by the percentage identified as its conservation standard in this subdivision. Each urban water supplier's conservation standard considers its service area's relative per capita water usage.

(2) Each urban water supplier whose source of supply does not include groundwater or water imported from outside the hydrologic region in which the water supplier is located, and that has a minimum of four years' reserved supply available may, submit to the Executive Director for approval a request that, in lieu of the reduction that would otherwise be required under paragraphs (3) through (10), the urban water supplier shall reduce its total potable water production by 4 percent for each month as compared to the amount used in the same month in 2013. Any such request shall be accompanied by information showing that the supplier's sources of supply do not include groundwater or water imported from outside the hydrologic region and that the supplier has a minimum of four years' reserved supply available.

(3) Each urban water supplier whose average July-September 2014 R-GPCD was less than 65 shall reduce its total potable water production by 8 percent for each month as compared to the amount used in the same month in 2013.

(4) Each urban water supplier whose average July-September 2014 R-GPCD was 65 or more but less than 80 shall reduce its total potable water production by 12 percent for each month as compared to the amount used in the same month in 2013.

(5) Each urban water supplier whose average July-September 2014 R-GPCD was 80 or more but less than 95 shall reduce its total potable water production by 16 percent for each month as compared to the amount used in the same month in 2013.

(6) Each urban water supplier whose average July-September 2014 R-GPCD was 95 or more but less than 110 shall reduce its total potable water production by 20 percent for each month as compared to the amount used in the same month in 2013.

(7) Each urban water supplier whose average July-September 2014 R-GPCD was 110 or more but less than 130 shall reduce its total potable water production by 24 percent for each month as compared to the amount used in the same month in 2013.

(8) Each urban water supplier whose average July-September 2014 R-GPCD was 130 or more but less than 170 shall reduce its total potable water production by 28 percent for each month as compared to the amount used in the same month in 2013.

(9) Each urban water supplier whose average July-September 2014 R-GPCD was 170 or more but less than 215 shall reduce its total potable water production by 32 percent for each month as compared to the amount used in the same month in 2013.

(10) Each urban water supplier whose average July-September 2014 R-GPCD was 215 or more shall reduce its total potable water production by 36 percent for each month as compared to the amount used in the same month in 2013.

(d)(1) Beginning June 1, 2015, each urban water supplier shall comply with the conservation standard specified in subdivision (c).

(2) Compliance with the requirements of this subdivision shall be measured monthly and assessed on a cumulative basis.

(e)(1) Each urban water supplier that provides potable water for commercial agricultural use meeting the definition of Government Code section 51201, subdivision (b), may subtract the amount of water provided for commercial agricultural use from its potable water production total, provided that any urban water supplier that subtracts any water provided for commercial agricultural use from its total potable water production shall:

(A) Impose reductions determined locally appropriate by the urban water supplier, after considering the applicable urban water supplier conservation standard specified in subdivision (c), for commercial agricultural users meeting the definition of Government Code section 51201, subdivision (b) served by the supplier;

(B) Report its total potable water production pursuant to subdivision (b)(2) of this section, the total amount of water supplied for commercial agricultural use, and shall identify the reduction imposed on its commercial agricultural users and each recipient of potable water for commercial agricultural use;

(C) Certify that the agricultural uses it serves meet the definition of Government Code section 51201, subdivision (b); and

(D) Comply with the Agricultural Water Management Plan requirement of paragraph 12 of the April 1, 2015 Executive Order for all commercial agricultural water served by the supplier that is subtracted from its total potable water production.

(2) Submitting any information pursuant to subdivision (e)(1)(B) or (C) of this section that is found to be materially false by the board is a violation of this regulation, punishable by civil liability of up to five hundred dollars (\$500) for each day in which the violation occurs. Every day that the error goes uncorrected constitutes a separate violation. Civil liability for the violation is in addition to, and does not supersede or limit, any other remedies, civil or criminal.

(f)(1) To prevent waste and unreasonable use of water and to promote water conservation, each distributor of a public water supply that is not an urban water supplier shall take one or more of the following actions:

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

(B) Reduce by 25 percent reduction its total potable water production relative to the amount produced in 2013.

(2) Each distributor of a public water supply that is not an urban water supplier shall submit a report by December 15, 2015, on a form provided by the Board, that either confirms compliance with subdivision (f)(1)(A) or identifies total potable water production, by month, from June through November, 2015, and total potable water production, by month, for June through November 2013.

Authority: Section 1058.5, Water Code.

References: Cal. Const., Art., X § 2; Sections 102, 104, 105, 275, 350, 1846, 10617 and 10632, Water Code; *Light v. State Water Resources Control Board* (2014) 226 Cal.App.4th 1463.

#### Sec. 866. Additional Conservation Tools.

(a)(1) To prevent the waste and unreasonable use of water and to promote conservation, when a water supplier does not meet its conservation standard required by section 865 the Executive Director, or the Executive Director's designee, may issue conservation orders requiring additional actions by the supplier to come into compliance with its conservation standard.

(2) A decision or order issued under this article by the board or an officer or employee of the board is subject to reconsideration under article 2 (commencing with section 1122) of chapter 4 of part 1 of division 2 of the California Water Code.

(b) The Executive Director, or his designee, may issue an informational order requiring water suppliers, or commercial, industrial or institutional properties that receive any portion of their supply from a source other than a water supplier subject to section 865, to submit additional information relating to water production, water use or water conservation. The failure to provide the information requested within 30 days or any additional time extension granted is a violation subject to civil liability of up to \$500 per day for each day the violation continues pursuant to Water Code section 1846.

Authority: Section 1058.5, Water Code.

References: Cal. Const., Art., X § 2; Sections 100, 102, 104, 105, 174, 186, 187, 275, 350, 1051, 1122, 1123, 1825, 1846, 10617 and 10632, Water Code; *Light v. State Water Resources Control Board* (2014) 226 Cal.App.4th 1463.

DRAFT

RESOLUTION 14-18 REVISED

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

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

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

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

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

WHEREAS, on March 17, 2015 and May 5, 2015 the State Board amended and re-adopted the Drought Emergency Water Conservation Regulations.

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

1. On January 17, 2014, the Governor proclaimed a state of emergency under the California Emergency Services Act (Act) based on drought conditions;
2. On April 25, 2014, the Governor issued a proclamation of continued state of emergency under the Act based on continued drought conditions existing statewide;
- 2.3. On April 1, 2015, the Governor issued an Executive Order directing the State Board to impose restrictions to achieve a statewide 25% reduction in potable urban water use through February 2016;
- 3.4. The drought conditions forming the base of the Governor's proclamations still exist;
- 4.5. The present year is critically dry and has been immediately preceded by two or more consecutive below normal, dry, or critically dry years; and

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

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

1. The application of potable water to outdoor landscapes in a manner that causes runoff such that water flows onto adjacent property, non-irrigated areas, private and public walkways, roadways, parking lots, or structures;
2. The use of a hose that dispensed potable water to wash a motor vehicle, except where the hose is fitted with a shut-off nozzle or device attached to it that causes it to cease dispensing water immediately when not in use;
3. The application of potable water to driveways and sidewalks;
4. The use of potable water in a fountain or other decorative water feature, except where the water is part of a recirculation system;
5. The application of potable water to outdoor landscapes during and within 48 hours after measurable rainfall; and
6. The serving of drinking water other than upon request in eating or drinking establishments, including but not limited to restaurants, hotels, cafes, cafeterias, bars, or other public places where food or drink are served and/or purchased;
7. The irrigation with potable water of ornamental turf on public street medians.
8. The irrigation with potable water of any landscapes outside of newly constructed homes and buildings in a manner inconsistent with regulations or other requirements established by the California Building Standards Commission and the Department of Housing and Community Development.
- 4.9. To promote water conservation, operators of hotels and motels shall provide guests with the option of choosing not to have towels and linens laundered daily. The hotel or motel shall prominently display notice of this option in each guestroom using clear and easily understood language.

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

1. Implement all requirements and actions of the stage of its water shortage contingency plan that imposes mandatory restrictions on outdoor irrigation of ornamental landscapes or turf with potable water;

- 4-2. Provide prompt notice to a customer whenever the supplier obtains information that indicates that a leak may exist within the end-users exclusive control;
- 2-3. Prepare and submit to the State Board by the 15<sup>th</sup> of each month a monitoring report that includes the amount of potable water produced, including potable water provided by a wholesaler, in the preceding calendar month compared to the amount produced in the same calendar month in 2013 and estimate the gallons of water per person per day used by the residential customers it serves. The monitoring report shall specify the population served by the urban water supplier, the percentage of water produced that is used for the residential sector, descriptive statistics on water conservation compliance and enforcement efforts, and the number of days that outdoor irrigation is allowed and monthly commercial, industrial and institutional sector use.

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

1. The District's existing Regulation 15, section b. (Water Conservation - Novato Service Area), and Emergency Water Conservation Ordinance No. 28, enacted on April 1, 2014, contain prohibitions on those uses contained in Section 864 of Article 22.5, and remains in effect.
2. The following use (s) is declared to be non-essential and is prohibited:
  - a. Watering of any lawn, garden landscaped area, tree, shrub or other plant except from a handheld hose equipped with an automatic shut-off nozzle, container or drip irrigation system. Overhead sprinkler irrigation can be used no more than three (3) days per week (Odd numbered street addresses are authorized to irrigate on Monday, Wednesday and Friday and even numbered street addresses are authorized to irrigate on Tuesday, Thursday and Saturday) provided the if customer maintains an overall 2024% reduction in water use compared to the corresponding billing period in 2013 (Customers using less than 300 gallons per day are permitted to water their landscapes without the required 2024% reduction), and properly operates the irrigation system in a non-wasteful manner between the hours of 7:00 p.m. and 9:00 a.m. the next day. If overhead sprinkler water is used in a wasteful manner, the General Manager may prohibit sprinkling by that customer. Exemptions may be granted for irrigation of commercial or government owned recreational landscape areas provided a 24% reduction in water use compared to the corresponding billing period in 2013 is maintained.
3. In response to the mandate in Section 865 in Article 22.5, the Board directs staff to implement those water conservation measures governing restrictions on outdoor water use described above. In addition, the Board leaves in full force and effect Regulation 15, Section b., and Emergency Water Conservation Ordinance No. 28. These will ensure continued water conservation on compliance with the mandate

contained in Article 22.5. Enforcement will be in accordance with existing provisions of Regulation 15, Section b., and Emergency Water Conservation Ordinance No. 28.

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

\* \* \* \* \*

I hereby certify that the foregoing is a true and complete copy of a resolution duly and regularly adopted by the Board of Directors of NORTH MARIN WATER DISTRICT at a regular meeting of said Board held on the ~~fifth-nineteenth~~ of August 2014 May 2015, by the following vote:

AYES:

NOES:

ABSENT:

ABSTAINED:

---

Katie Young, District Secretary  
North Marin Water District

(SEAL)

DRAFT

RESOLUTION 15-##

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

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

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

**WHEREAS**, Water Code Section 10617 defines "urban water supplier" as a supplier for municipal purposes that serves 3,000 customers or more than 3,000 acre feet annually.

Pursuant to Section 10617, the District's West Marin Service area is not considered an urban water supplier; and

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

WHEREAS, on March 17, 2015 and May 5, 2015 the State Board amended and re-adopted the Drought Emergency Water Conservation Regulations.

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

1. On January 17, 2014, the Governor proclaimed a state of emergency under the California Emergency Services Act (Act) based on drought conditions;
2. On April 25, 2014, the Governor issued a proclamation of continued state of emergency under the Act based on continued drought conditions existing statewide;
- 2.3. On April 1, 2015, the Governor issued an Executive Order directing the State Board to impose restrictions to achieve a statewide 25% reduction in potable urban water use through February 2016;
- 3.4. The drought conditions forming the base of the Governor's proclamations still exist;
- 4.5. The present year is critically dry and has been immediately preceded by two or more consecutive below normal, dry, or critically dry years; and

5-6. The drought conditions will likely continue for the foreseeable future and additional action by both the State Water Resources Control Board and local water suppliers will likely be necessary to further promote conservation.

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

1. The application of potable water to outdoor landscapes in a manner that causes runoff such that water flows onto adjacent property, non-irrigated areas, private and public walkways, roadways, parking lots, or structures;
2. The use of a hose that dispensed potable water to wash a motor vehicle, except where the hose is fitted with a shut-off nozzle or device attached to it that causes it to cease dispensing water immediately when not in use;
3. The application of potable water to driveways and sidewalks;
4. The use of potable water in a fountain or other decorative water feature, except where the water is part of a recirculation system;
5. The application of potable water to outdoor landscapes during and within 48 hours after measurable rainfall; and
6. The serving of drinking water other than upon request in eating or drinking establishments, including but not limited to restaurants, hotels, cafes, cafeterias, bars, or other public places where food or drink are served and/or purchased;
7. The irrigation with potable water of ornamental turf on public street medians.
8. The irrigation with potable water of any landscapes outside of newly constructed homes and buildings in a manner inconsistent with regulations or other requirements established by the California Building Standards Commission and the Department of Housing and Community Development.
9. To promote water conservation, operators of hotels and motels shall provide guests with the option of choosing not to have towels and linens laundered daily. The hotel or motel shall prominently display notice of this option in each guestroom using clear and easily understood language.

**WHEREAS**, Section 865 of Article 22.5 requires water suppliers not considered to be urban water suppliers state-wide to:

1. Limit outdoor irrigation of ornamental landscapes or turf with potable water by the persons it serves to no more than two days per week; or reduce by 25 percent reduction its total potable water production relative to the amount produced in 2013.

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

1. The District's existing Regulation 17, section b. (Water Conservation - West Marin Service Area), contain prohibitions on those uses contained in Section 864 of Article 22.5, and remains in effect.
2. The following use (s) is declared to be non-essential and is prohibited:
  - a. Watering of ornamental landscape or turf areas more than two days per week.
3. In response to the mandate in Section 865 in Article 22.5, the Board directs staff to implement those water conservation measures governing restrictions on outdoor water use described above. In addition, the Board leaves in full force and effect Regulation 17, Section b. Enforcement will be in accordance with existing provisions of Regulation 17, Section b.
4. The Board directs staff to comply with the reporting requirements noted in Section 865, Section (f)(2) of Article 22.5.
5. The provisions of this Resolution shall remain in effect as long as Article 22.5 remains in effect.

\* \* \* \* \*

I hereby certify that the foregoing is a true and complete copy of a resolution duly and regularly adopted by the Board of Directors of NORTH MARIN WATER DISTRICT at a regular meeting of said Board held on the ~~fifth-nineteenth~~ of August 2014May 2015, by the following vote:

AYES:

NOES:

ABSENT:

ABSTAINED:

---

Katie Young, District Secretary  
North Marin Water District

(SEAL)

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***DRAFT Summary***  
**North Marin Water District**  
***Proposed Water Use Prohibitions for 2015***  
**(Novato Service Area)**

**All proposed prohibitions and requirements are summarized below.**

**Water Waste Prohibitions**

- Gutter flooding (unreasonable irrigation overspray or irrigation run-off onto pavement, down a gutter, ditch or other drain).
- Failure to repair a controllable leak of water within a reasonable time.
- Using water for non-recycling decorative fountains or single-pass cooling systems.
- Washing down exterior paved areas.
- Refilling a swimming pool drained after July 1, 2014.
- Washing privately-owned motor vehicles, trailers and boats, except from a bucket and hose equipped with an automatic shut-off nozzle for a quick rinse.

**Landscape Irrigation Requirements**

- Watering of any lawn, garden, or landscape area is permitted only with drip irrigation or by hand with a container or hose with automatic shut off nozzle. Overhead sprinkler irrigation can be used no more than 3 days per week, provided the customer maintains an overall 24% reduction in water use when compared to the same billing period in 2013. Customers using 300 gallons per day or less are permitted to use overhead sprinkler irrigation without the 24% reduction.
- Overhead sprinkler irrigation permitted only between the hours of 7:00 PM and 9:00 AM of the next day.
- Overhead sprinkler irrigation is authorized only on Monday, Wednesday and Friday for odd number street addresses and Tuesday, Thursday, Saturday for even number street addresses.

**Violation Procedure**

- 1) Customers in violation will receive a written or verbal warning and order that the violation be corrected immediately or within a specified time determined to be reasonable. Water service may be disconnected due to non-compliance with the order.
- 2) If water service is disconnected, a reconnection fee of \$50 shall be paid. A reconnection fee of \$200 shall be paid for a customer disconnected for unauthorized filling of a swimming pool.
- 3) If that violation reoccurs water service may be disconnected again with a reconnection fee of \$75. Any water service that is disconnected twice shall be reconnected with a flow-restricting device and additional reconnection fee of \$100.

**Variance Procedure**

Applications for variance for any of the above may be made to the General Manager. The General Manager may grant a variance if reasonably necessary.

**Questions or Comments**

All customer questions and comments regarding the water use prohibitions for 2015 should be referred to the Water Conservation Hotline (415) 761-8944 or email at [waterconserve@nmwd.com](mailto:waterconserve@nmwd.com).

***DRAFT Summary***  
**North Marin Water District**  
***Proposed Water Use Prohibitions for 2015***  
**(West Marin Service Area)**

**All proposed prohibitions and requirements are summarized below.**

**Water Waste Prohibitions**

- Gutter flooding (unreasonable irrigation overspray or irrigation run-off onto pavement, down a gutter, ditch or other drain).
- Failure to repair a controllable leak of water within a reasonable time.
- Using water for non-recycling decorative fountains or single-pass cooling systems.
- Washing down exterior paved areas.
- Washing privately-owned motor vehicles, trailers and boats, except from a bucket and hose equipped with an automatic shut-off nozzle for a quick rinse.

**Landscape Irrigation Requirements**

- Watering of ornamental landscapes or turf areas more than two days per week.

**Violation Procedure**

- Customers in violation will receive a written or verbal warning and order that the violation be corrected immediately or within a specified time determined to be reasonable. Water service may be disconnected due to non-compliance with the order.

**Variance Procedure**

Applications for variance for any of the above may be made to the General Manager. The General Manager may grant a variance if reasonably necessary.

**Questions or Comments**

All customer questions and comments regarding the water use prohibitions for 2015 should be referred to the Water Conservation Hotline (415) 761-8944 or email at [waterconserve@nmwd.com](mailto:waterconserve@nmwd.com).

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## MEMORANDUM

To: Board of Directors  
From: David L. Bentley, Auditor-Controller  
Subj: Public Hearing – Proposed Novato Water Rate Increase  
t:\aclword\budget\16\public hearing - rate increase fy16.docx

May 15, 2015

**RECOMMENDED ACTION:** Approve  
**FINANCIAL IMPACT:** Additional \$540,000 in FY16 Revenue

**Water Rate Increase:** A public hearing to consider adoption of a proposed increase in the cost of water which averages 3% for the typical residential and non-residential customer, effective June 1, 2015, is scheduled for May 19 at 7:00 PM. Customers were noticed individually of the proposed increase by letter (Attachment A) and a notice of the Public Hearing was published in the May 15 edition of the Marin Independent Journal (Attachment B).

Under law, a customer protest of 50% plus one would invalidate the proposed increase. Through May 15, the District received twenty letters pertaining to the proposed increase, nineteen opposing and one in support. The customer letters received are included as Attachment C.

Staff also received about 10 calls concerning the increase. Calls ranged from concern about the amount of the increase ("I think it is too much"), to the use of the additional revenue ("concerned about money going to employee salaries"), to expression of "very supportive of the District, but concerned that we cannot cut back our water use any further."

Staff will make a presentation on the need for the proposed water cost increase at the meeting, after which the Board can accept public comment. Attachment D is a draft of Regulation 54 incorporating the proposed changes.

**Staff Recommendation**

After closing the public hearing, approve Resolution 15-XX (Attachment E) amending Regulation 54 pertaining to Water Rates and Charges to reflect an increase averaging 3% for the typical residential customer in the Novato Service Area effective June 1 of 2015.

April 3, 2015

**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 3% for the typical Novato customer, effective June 1 of 2015. 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 4.9% effective July 1, 2015. In addition, water purification 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 67 years old, and much of the pipeline installed in the early years is nearing the end of its useful life requiring future replacement.

**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 is at 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 4% for all water used be implemented effective June 1, 2015. 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 3%. The proposed increase would add \$1.70 per month (\$3.40 per bimonthly bill) to the cost of water for a typical single-family residence beginning June 2015.

**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 4% for all water used be implemented effective June 1, 2015. 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, but would still see an increase in the total cost of water (commodity charge plus bimonthly service charge) of 3%. You can determine the increase in your annual water cost based on your consumption over the past year from our website. See the boxed area above for instructions.

### **WATER RATE PUBLIC HEARING**

A public hearing will be held at the NMWD office (999 Rush Creek Place, Novato) at 7:00 p.m. on Tuesday, May 19, 2015, to consider enactment of an increase averaging 3% effective June 1, 2015.

### **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 19, 2015 public hearing. Written protests must be signed by the property owner or customer of

Notice of Proposed Water Rate Increase  
April 3, 2015  
Page 3 of 5

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](http://www.nmwd.com) or call the District Secretary at (415) 897-4133.

Sincerely,

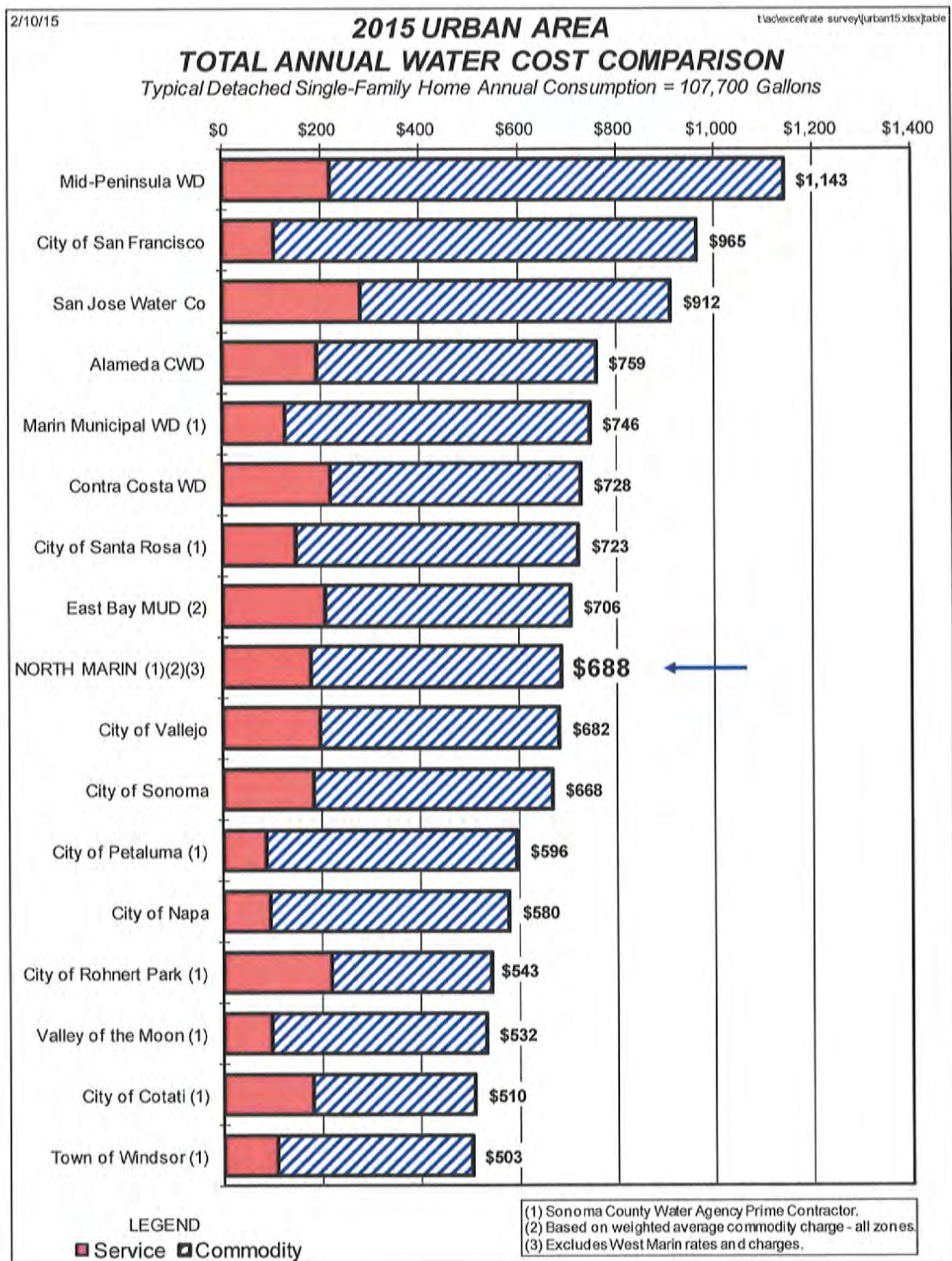
A handwritten signature in black ink, appearing to read "Chris DeGabriele". The signature is fluid and cursive, with the first name "Chris" and last name "DeGabriele" clearly distinguishable.

Chris DeGabriele  
General Manager

t:\aclword\hearing notices\2015 novato water.docx

## NOVATO WATER CHARGES

	Existing 6/1/14	Proposed 6/1/15	% Increase
<b>A BI-MONTHLY SERVICE CHARGE OF:</b>			
STANDARD 5/8-INCH METER .....	\$30.00	\$30.00	0%
1 -inch residential meter for fire sprinklers .....	\$34.00	\$34.00	0%
1 -inch meter .....	\$60.00	\$60.00	0%
1.5 -inch meter .....	\$73.00	\$73.00	0%
2 -inch meter .....	\$114.00	\$114.00	0%
3 -inch meter .....	\$227.00	\$227.00	0%
4 -inch meter .....	\$364.00	\$364.00	0%
6 -inch meter .....	\$761.00	\$761.00	0%
8 -inch meter .....	\$1,134.00	\$1,134.00	0%
<b>PLUS A QUANTITY RATE OF:</b>			
<u>Residential rate for each 1,000 gallons</u>	<u>Rate</u>	<u>Rate</u>	
First 615 gallons per day .....	\$4.29	\$4.46	4%
616 - 1,845 gallons per day .....	\$6.84	\$7.11	4%
Use in excess of 1,845 gallons per day.....	\$11.90	\$12.38	4%
<u>Rate for each 1,000 gallons for all other potable water accounts</u>			
Commercial, institutional & irrigation accounts - 11/1-5/31.....	\$4.73	\$4.92	4%
Commercial, institutional & irrigation accounts - 6/1-10/31.....	\$5.08	\$5.28	4%
<u>Rate for each 1,000 gallons for non-potable water</u>			
Recycled Water .....	\$4.73	\$4.92	4%
Raw (Untreated) Water .....	\$1.95	\$2.03	4%
<b>PLUS AN ELEVATION ZONE RATE FOR EACH 1,000 GALLONS OF:</b>			
<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.....	\$0.51	\$0.53	4%
C 200 feet +.....	\$1.64	\$1.71	4%
<b>Hydrants or Temporary Service.....</b>	<b>\$6.72</b>	<b>\$6.99</b>	<b>4%</b>



Public Hearing  
Notice  
May 15, 2015

NO. 571 MAY 15, 2015
<b>North Marin Water District WATER RATE HEARING</b>
<b>Purpose:</b> Consider Proposed Rate Increase
<b>Impact Area:</b> Greater Novato Area
<b>Date and Time:</b> Tuesday, May 19, 2015 at 7:00 p.m.
<b>Place:</b> 999 Rush Creek Place, Novato
<b>PROPOSAL</b> NMWD is proposing an increase in water rates and charges averaging 3% for the typical Novato single-family residence. The increase is proposed to be effective June 1 of 2015.
<b>NEED FOR INCREASE</b> <b>Higher Water Cost:</b> 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 4.9% effective July 1, 2015. In addition, water purification costs to operate the Stafford Water Treatment Plant, which supplies 20% of Novato's water supply, continue to rise.
<b>Water System Infrastructure Maintenance:</b> 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 67 years old, and much of the pipeline installed in the early years is nearing the end of its useful life requiring future replacement.
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 at <a href="http://www.nmwd.com">http://www.nmwd.com</a> ). The comparison shows that the typical cost of service for a Novato single-family residence is at the median of our counterpart agencies.
<b>IMPACT</b> <b>Residential Accounts:</b> The proposed series of increases would add \$1.70 per month (\$3.40 per bimonthly bill) to the cost of water for a typical single-family residence.
<b>Non-Residential Accounts</b> (Commercial, Institutional & Irrigation): The increases for non-residential customers will vary based upon water use. The median non-residential account would see a 3% increase commencing June 1, 2015.
<b>Customers can determine the increase in their annual water cost based on their water use over the past year from NMWD's website.</b>
<b>Insert your NMWD account number and the name on your account into the Rate-Increase Model on NMWD's website at <a href="http://www.nmwd.com/accountbalance.php">http://www.nmwd.com/accountbalance.php</a>.</b>
<b>PUBLIC HEARING</b> A public hearing will be held at the NMWD office (999 Rush Creek Place, Novato) at 7:00 p.m. on Tuesday, May 19, 2015, to consider enactment of the proposed increases. You are cordially invited to attend the hearing, or mail or email your comments ( <a href="mailto:info@nmwd.com">info@nmwd.com</a> ). For more information visit NMWD's website or call the District Secretary at (415) 897-4133.
NO. 572 MAY 15, 2015
<b>NOTICE OF PETITION TO ADMINISTER ESTATE OF: Roger Hugo</b>

Robert L. Koch M.D. 1169 Santolina Drive, Novato, CA 94945  
Phone (415) 898-8823 e-mail, [bobkoch415@comcast.net](mailto:bobkoch415@comcast.net)

RECEIVED

April 4, 2015

APR 08 2015

Chris DeGabrielle  
General Manager, North Marin Water District  
P.O. Box 146  
Novato, CA 94948

North Marin Water District

Dear Mr. DeGabrielle,

I am delighted that the NMWD is raising the price of water used, by 4%. You have heard me note that when something is cheap people do not respect it.

Also, you note that Sonoma, which supplies us with water, is increasing their fees by almost 5%. This certainly would provide an acceptable reason to raise your rates by 5%. I myself would want to see them go even higher. None of these increases would be readily noticed by those who do not waste water. Still, it would be a start.

Also, I am delighted that the cost of simply having a water meter will not be going up. The drought is not creating a scarcity of water meters.

Best wishes,



Bob Koch

ATTACHMENT C

NMWD  
PO Box 146  
Novato, CA 94948-0146

RECEIVED  
MAY 07 2015  
North Marin Water District

Dear District Secretary,

I am writing this letter to respectfully **oppose the proposed rate increase** effective June 1, 2015.

The residents of Novato are hit at every turn with tax increases by the city or county or a rate increase by a municipality. I am asking the department to live within their means, tighten your belt like the residents in Novato are, and not increase the water rates.

The Transit Oriented Development, Millworks (Whole Foods), which is market rate housing, has only two water meters, which does not allow for monitoring individual units rates of water consumption. Because this is not equitable to those who live in single family dwellings, I suggest charging market rate high density housing, a higher water rate to compensate for this inequity. With this suggestion, this would allow another way of increasing revenue without increasing rates to the majority of the customers.

Thank you for your consideration.

Kindness,



Joe and Elisa Tachis

NMWD Account #572902

6 Gothic Dr  
Novato Ca 94947  
(415) 898-4013

George D. Trahms and Carol J. Trahms  
153 Windwalker Way  
Novato, CA 94945-3436

May 10, 2015

District Secretary  
North Marin Water District  
P.O. Box 146  
Novato, CA 94948


RECEIVED  
MAY 13 2015  
North Marin Water District

Dear District Secretary:

My wife, Carol, and I have been long term Novato residents. Our home account number is 4017104. We value our service from the NMWD. However, this letter is a formal protest to the proposed water rate increase and proposed drought surcharge explained in your 4/3/15 letter. Our economy cannot support this water rate increase.

Thank you,

  
George D. Trahms

  
Carol J. Trahms

ATTACHMENT C

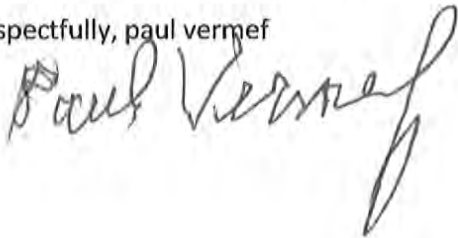
from: paul vermef,38 calypso shores novato,calif. 94949 nmwd acct# 844101 date:11may2015

to: nmwd, po box 146,novato,calif.94948

hello, i've come to the library in tiburon to type this letter with the staff assistance because i can no longer legibly write my own letters . i can no longer read my own handwritten letters. isnt that a shame i have such nervous hands. so the first letter was ready to print but i was waiting for a staff member to show me how to do a print out. while waiting the computer suddenly shut down necessitating a repeat of the first letter.I isn't that a bummer.???

so here is the second letter. i object to the proposed water rate increase. it puts a stress on my monthly budget and i do not believe it is going to fix the statewide drought. please withdraw your water rate increase proposal .. my monthly water meter reading is one of the lowest in town.

respectfully, paul vermef

A handwritten signature in black ink that reads "Paul Vermef". The signature is written in a cursive, somewhat stylized script.

RECEIVED  
MAY 13 2015  
North Marin Water District

RECEIVED

MAY 15 2015

North Marin Water District

Date : April 25, 2015

To : Directors: North Marin Water District  
999 Rush Creek Place  
Novato California 94948

From : PARCEL #

Subject Proposed Water Increase PROPOSITION 218 WATER-RATES

My vote is **NO** on any water increase. I would love to sell something that falls out of the sky for free, the way I see this matter is you charge too much money as it stands and should offer a decrease and refund. The **reason for a refund** and decrease are as follows.

**Last paragraph prop #218 water-rates states in conclusion;** "It is the drafter's position, supported by the clear language of Proposition 218, the liberal construction provision, and the intent of the voters that fees and charges for water service are governed by Proposition #218. To the extent tiered water rates are imposed in a manner that deviates from "cost of service" requirements, those rates are in violation of Proposition #218. **Local governments or special districts which do not abide by the requirements of the new constitution language do so at the risk of litigation.** "

**On April 20, 2015, The fourth District Court of Appeal, Division Three, ruled that a city's inclining, tiered block rate structure violated Proposition #218's proportionality requirements, (California Constitution, article X111 D, section 6).**

In short, North Marin Water district has been violating the Constitution, (LAW), for a very long time. This memo should be read at 7:00 p.m. On Tuesday, May 19, 2015, meeting. I feel the Novato water consumers deserve a refund due to this blatant violation of the State Constitution law re-guarding this issue.

With five directors shame on you.

*Julie Russell*

Sincerely

Address signatured and parcel # 153-031-41 required

ATTACHMENT C

Date : April 25, 2015

To : Directors: North Marin Water District  
999 Rush Creek Place  
Novato California 94948

From : PARCEL # 153-031-03

RECEIVED  
APR 30 2015  
North Marin Water District

Subject Proposed Water Increase PROPOSITION 218 WATER-RATES

My vote is **NO** on any water increase. I would love to sell something that falls out of the sky for free, the way I see this matter is you charge too much money as it stands and should offer a decrease and refund. The **reason for a refund** and decrease are as follows.

**Last paragraph prop #218 water-rates states in conclusion;** "It is the drafter's position, supported by the clear language of Proposition 218, the liberal construction provision, and the intent of the voters that fees and charges for water service are governed by Proposition #218. To the extent tiered water rates are imposed in a manner that deviates from "cost of service" requirements, those rates are in violation of Proposition #218. **Local governments or special districts which do not abide by the requirements of the new constitution language do so at the risk of litigation.** "

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With five directors shame on you.

Sincerely

*John & Diane Schmeffel*  
Address **signed and parcel #**-----required

*695 Orange Ave  
Novato Ca 94945*

ATTACHMENT C

RECEIVED  
APR 23 2015  
North Marin Water District

## Memorandum

Date :April 21, 2015

To :Directors: North Marin Water District

From : John Berry PARCEL #153-031-06  
METER #98328001

Subject Proposed Water Increase PROPOSITION 218 WATER-RATES

My vote is **NO** on any water increase. I would love to sell something that falls out of the sky for free, the way I see this matter is you charge too much money as it stands and should offer a decrease and refund. The reason for a refund and decrease are as follows.

Last paragraph prop #218 water-rates states in conclusion; "It is the drafter's position, supported by the clear language of Proposition 218, the liberal construction provision, and the intent of the voters that fees and charges for water service are governed by Proposition 218. To the extent tiered water rates are imposed in a manner that deviates from "cost of service" requirements, those rates are in violation of Proposition 218. **Local governments or special districts which do not abide by the requirements of the new constitution language do so at the risk of litigation.** "

In short, North Marin Water district has been violating the Constitution, (LAW), for a very long time. I want my money back now!!!! I really think a class action suite should be in order as per Proposition 218 guide lines. This memo should be read at the meeting you are planning to expose your corrupt behavior.

With five directors shame on you.



John Berry  
669 Orange ave  
Novato calif. 94945

RECEIVED

APR 16 2015

North Marin Water District

I protest the proposed rate  
INCREASE

Irwin Caplan  
Irwin Caplan  
38 MADLINE Ct.  
Novato, 94949  
NMWD # 206302

April 15, 2015

RECEIVED  
APR 17 2015  
North Marin Water District

Dear District Secretary,

I am writing this letter to respectfully **oppose the proposed rate increase** effective June 1, 2015.

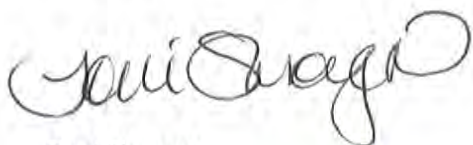
The residents of Novato are hit at every turn with tax increases by the city or county or a rate increase by a municipality. I am asking the department to live within their means, tighten your belt like the residents in Novato are, and not increase the water rates.

If the District simply cannot find ways to be more frugal and fiscally responsible, I ask for a lower rate increase of no more than 1.5%

The Transit Oriented Development, Millworks (Whole Foods), which is market rate housing, has only two water meters, which does not allow for monitoring individual units rates of water consumption. Because this is not equitable to those who live in single family dwellings, I suggest charging market rate high density housing, a higher water rate to compensate for this inequity. With this suggestion, this would allow another way of increasing revenue without increasing rates to the majority of the customers.

Thank you for your consideration.

Kindness,



Toni Shroyer

NMWD Account #1874304

1955 Indian Valley Road

Novato Ca 94947

415-892-3662

ATTACHMENT C

James A. Gray  
730 Arlington Circle  
Novato, CA 94947-4906  
415-382-9194

RECEIVED

APR 08 2015

North Marin Water District

April 6, 2015

District Secretary  
North Marin Water District  
P.O. Box 146  
Novato, CA 94948

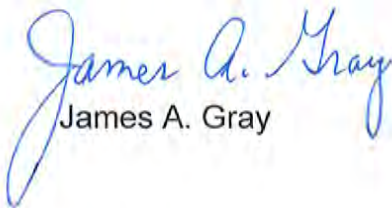
Subject: Rate Increase Protest (Parcel Number 150-541-11, NMWD Account Number 1123702)

By this letter, I protest the water rate increases that you plan to implement on 1 June 2015.

My family has diligently conserved water. As a senior citizen and conservation minded citizen, I feel unjustly penalized by the proposed rate increase. I believe senior citizens should be given relief from such increases, and hope you will take that under consideration.

The exclusion of West Marin rates and charges in the cost comparison chart deserves a little explanation so that the cost chart has some credibility. After all, you have included all infrastructure costs for the other water districts.

Sincerely,

  
James A. Gray

4-6-2015

District Secretary  
North Marin Water District  
PO Box 146  
Novato, CA 9494

RECEIVED

APR 08 2015

North Marin Water District

Ref: Rate Increase

Dear Sir:

I am opposed to your proposed rate increase. I feel you are taking advantage of all of us due to the Governor Brown's announcement regarding water use cutbacks.

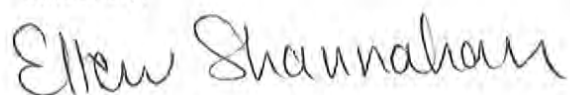
Your reasons do not address exactly how much costs are increasing for water purification of Stafford Lake. I also wonder why we have pipes that are 67 years old that have not have a portion replaced and budgeted accordingly.

What other water companies are charging is irrelevant!

This is a knee jerk decision based on the lack of rain this season. Why not provide some cost savings measures rather than the usual rate hikes.

I also read an article that 10,000 gallons of water were used to "flush the system" a nice to have, but not totally necessary, at least not in a drought year.

Sincerely,



Ellen Shannahan  
601 Indian Way  
Novato, CA 94949

ATTACHMENT C

April 13, 2015

RECEIVED  
APR 16 2015  
North Marin Water District

To Whom it May Concern,

My name is Mark Shirkey. I work for the Marin Municipal Water District as a Senior Information Systems Analyst. So by my working for a water utility, I am familiar with the issues surrounding the need for covering the costs of operation and maintenance of the water system and supporting facilities when revenue is being lost due to conservation and drought.

As such I wanted to point out that the intention to raise the water usage charge on all residential and commercial customers does not seem to be a fair way to compensate for lost revenue. I for one have been taking large steps to reduce my water use for several years now. I have removed all grass lawns, planted native and drought tolerant plants in my front and rear yards, installed a smart irrigation controller and weather station, and have recently installed a rain harvesting system at my expense, all to help in conserving as much of our precious water resources.

By raising the water usage rate I feel that I am now going to be penalized for the water saving efforts that I have under taken. I feel that there is another avenue that could be used to recoup the funds that would be primarily used to pay for the operations and maintenance of the water systems.

My proposal is that the bimonthly service charge be raised instead, to add the revenue you need to offset the costs of doing business. This is something MMWD is looking at doing. Also you could still raise the cost for pumping the water to higher elevations as that in itself is part of supplying water by the use of electrical power to pump the water up hill and additional cost of maintenance of the pumps and pump station. In doing this I feel that then the increased cost would be more justified as it is now pertaining to the infrastructure that delivers the water and not the amount of water used.

If there is a fear of someone not conserving enough, then you could use the States Mandate of imposing a fine as this might make a person really sit up and take notice versus a small increase on their water bill.

This is just a suggestion of what one water rate payer thinks could help.

Thank you for your time.

Sincerely,



Mark Shirkey

Account number: 319812

ATTACHMENT C

RECEIVED

APR 16 2015

North Marin Water District

April 14, 2015

To:

District Secretary  
North Marin Water District  
P.O. Box 146  
Novato, CA 94948

I oppose the intended increase  
of water rates.

Sincerely,

Christel Marton  
(Mrs. L. Marton)  
NMWD Account # 720401

APRIL 12, 2015

District Secretary  
NMWD

Re: Protest to Rate Increase

I protest the proposed 4% rate  
increase.

Signed,

Timothy Kenney

NMWD Acct #: 4212703

Parcel #: 160-960-03

RECEIVED  
APR 15 2015  
North Marion Water District

Tuesday, April 7, 2015

North Marin Water District,  
I, Joshua Blodgett, protest the proposed rate increase.

RECEIVED  
APR 13 2015  
North Marin Water District

NMWD Acct #2502

*Sincerely,*

*Josh Blodgett*

b) installed a recirculating pump on our H<sub>2</sub>O heater

j) use drip irrigation  
k) do not wash cars @ home  
l) take less than 5 min showers

N. Marin H<sub>2</sub>O District

999 Rush Creek Place

P.O. Box 146

Novato, CA 94948

RECEIVED  
APR 23 2015  
North Marin Water District

Protest Proposed Rate Increase

Acct # 1575902

Conservation & Usage - How much more can we do?!!!

- a) we removed lawn
- b) we planted succulents, cactus & drought tolerant plants
- c) We keep a 5 gal. contractor bucket in the shower & use the "grey water" to water plants
- d) we have a 50 gal (500 liters) container that we collect rain water & dish water in and siphon it to landscaping
- e) we installed low-flush toilets
- f) we purchased low water-use HE washer
- g) we have low flow fixtures on all faucets
- h) we have a low water-use dishwasher that we only use when it is completely full (1x/wk)
- i) we have mulched, mulched, mulched & <sup>use H<sub>2</sub>O absorbant granules</sup>

Location & property - increases need for water to be safe

a) we about the open space & have higher than average risk of fire

b) Our sloping lot and lack of shade is an environment that differs from many other N Marin Properties (we are NOT in an orange zone.)

ATTACHMENT C

Rate Comparison

N. Martin has considerably more undeveloped residential land than in the compared Bay Area agencies & more "runoff" from sloped land. The SERVICE CHARGE attached to actual use is a considerable amount and is a should be enough for the so-called "crumbling infrastructure."

In essence we poor citizen homeowners in Norato are being punished for our efforts at conservation and the location where we live.

Your proposed rate increase is neither equitable nor fair. Customers who are trying to reduce their water usage & cost should NOT be treated the same as others who are not. Exemptions, fees, and comparable really need to be considered.

The proposed water rate increase will hurt residents like us financially & could jeopardize the safety of our homes and health.

Sincerely,  
Mrs. Mrs. Jeffrey Lewent  
56 San Domingo Way, Norato

## Katie Young

---

**From:** Rosalia Solar  
**Sent:** Wednesday, April 08, 2015 8:03 AM  
**To:** Katie Young  
**Subject:** FW: North Marin Water District - Utility Bill Account: 699401

This was in the billing email. Please let me know who I should send this too.  
Thanks

---

**From:** Beege [mailto:akabeege@aol.com]  
**Sent:** Tuesday, April 07, 2015 7:16 PM  
**To:** billing; Info NMWD  
**Subject:** Re: North Marin Water District - Utility Bill Account: 699401

I will try to keep my composure as I write this because I am so disgusted with NMWD and all the others that are trying to justify their rates! I doubt others are impressed with your reasoning anymore than I am. I'm sure this email will end up in the pile with all the others; it is what it is!!!!

1. I received my current bill on 4/3/15. Let me say that I think it is very unfair for me to be charged almost twice as much as my current water use. You started off by charging a fee that was supposed to be for the drought, even before we were in one. When that "drought" was over, you never withdrew that extra fee and have just continued to add onto it on a regular basis.
2. Ironically, my current bill is "exactly" the same water use as last year. Don't you find that just a bit of a coincidence? This is not the first time this has happened to me. I read all of the things you claim the extra \$30 is for on my bill; however, I don't see any way in hell that I could use exactly the same amount of water, which makes me feel like somehow, someone has failed to do their job. Computer, human... doesn't matter.

Also on the current balance graph page and descriptions, it shows a balance on 2/05/15 of \$47.95, 3/23/15 amount paid of \$47.95, amount of water used last year 2014 as almost identical to this. I see what you are doing, but you show a balance on 4/2/15 of \$47.95. Tell me, how do you take \$47.95, subtract \$47.95 payment, and come out with a balance of \$47.95... you don't! It then goes on to show my water use of \$17.95, plus the \$30 charge, to leave a Current Amount Due of \$47.95. I don't know what computer system you use, but what a sloppy way to explain a person's bill. The services on the back page for "A" don't reflect the service we get. When there was a leak on "your" side of the meter that luckily my neighbor saw, I got no compensation for the water that had run to the gutter. I will say that the service person who came to fix it was quick and very pleasant. It was the day after the Napa Earthquake and he said he had been to a couple other calls that same day for the same situation.

My bill is scheduled to be paid when due, but stop all the excuses for why you are raising rates, etc. You're going to do it whether a drought or not. This letter is not meant to be against the employees at NMWD, but towards the Board Members who I don't feel are doing as they ramble on at election time. If they want to continue save the "fish" over everything else, including the poor farmers, then why don't they keep them in their swimming pools! I don't live in other water districts, so don't throw out the comparison charts.

No need to have an employee call and try to explain this to me. I worked several years ago for MMWD and I know it is what it is and you will do what you want, including making excuses for your billings.

Barbara Hollifield  
366 San Marin Drive  
Novato, CA 94945

Hey, Hey.... remember, tomorrow's just a future yes-ter-day!

79 Arnold Drive #4010405

Katie Young

---

**From:** Titan Capital Management, LLC (Eric Follestad) <eric@titanmanagers.com>  
**Sent:** Saturday, April 04, 2015 3:45 PM  
**To:** Info NMWD  
**Cc:** scope@marinscope.com; spotswood@comcast.net; contact@marincountypension.com; eric@titanmanagers.com  
**Subject:** Follow up on your letter and request to increase our water rates...I need some more information if I am going to support this action.

Dear North Marin Water District-

I received your letter about raising rates, and I agree with capital improvements listed. However, I believe you should list your current pension obligations, did I miss that part? Does the paying public understand the current and future liabilities you have here?

The County of Marin are kicking and screaming every time issues is brought to their attention as stewards of our children future and welfare.  
Most private sector employees have a 401k or a SEP IRA, and the weight around the neck of citizens of California is just not fair.

This letter is very disingenuous, if part of the increase goes to defined pension plan and health care costs. Your letter does not mention these items. Again, did I miss something? All goes in the general fund and then kicked out to pension liabilities? Correct/Incorrect? Have you responded to Citizens for Sustainable Pension Plans?

Their link below to their analysis:  
[http://marincountypensions.com/uploads/2/9/0/9/2909492/pension\\_roulette\\_part\\_2\\_-\\_do\\_you\\_feel\\_lucky\\_final.pdf](http://marincountypensions.com/uploads/2/9/0/9/2909492/pension_roulette_part_2_-_do_you_feel_lucky_final.pdf)

Please make this information available and transparent to the public of Novato.

I look forward to your analysis and will forward this letter to Novato Advance and Mairn IJ for analysis if they would like it.

But, I am sure they received one also, if their staff lives in Novato, CA.

Residential Rate Payer,

Eric Follestad, CFP®  
Chief Business Development Officer  
Titan Capital Management, LLC  
[www.titanmanagers.com](http://www.titanmanagers.com)  
415-450-0615 Cell  
209-529-3089 Main/Operations  
888-378-0777 Toll Free  
209-529-3081 Fax

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APRIL 5, 2015

TO THE DISTRICT OF NMWD,

I CONTEST THE PROPOSED WATER RATE INCREASE THIS COMING JUNE 2015. I AM ON A FIXED INCOME, SOCIAL SECURITY INCOME ONLY, SINGLE OCCUPANT WITH A GROSS ANNUAL INCOME OF LESS THAN \$15,000.

I RECEIVE A LIFE/NEED/CARE DISCOUNT ON MY PHONE LANDLINE AND PG&E BILLS. I GET ABSOLUTELY NO DISCOUNT CONSIDERATION FROM THE NORTH MARIN WATER DISTRICT AND YET YOU WANT A RATE INCREASE.

I PROTEST THIS INCREASE. A DISCOUNT FOR LOW INCOME HOME RESIDENTS SHOULD BE OFFERED!

SINCERELY,

Dorothy J  
DOROTHY FONG - PROPERTY OWNER  
PARCEL NO. 152-161-11  
NMWD ACCT. NO. 1103801

RECEIVED  
APR 06 2015  
North Marin Water District

**NORTH MARIN WATER DISTRICT  
REGULATION 54  
WATER RATES**

a Rates for Domestic, Commercial and Industrial Users, Novato Service Area

- (1) The following minimum service charge and water quantity rates shall be paid for domestic, commercial and industrial water service for each meter once every two months:

**A BI-MONTHLY SERVICE CHARGE OF:**

	Rate Effective 6/1/13
Standard 5/8 inch meter .....	\$30.00
For 1-inch meter* .....	\$60.00
1.5-inch meter* .....	\$73.00
2-inch meter .....	\$114.00
3-inch meter .....	\$227.00
4-inch meter .....	\$364.00
6-inch meter .....	\$761.00
8-inch meter .....	\$1,134.00

\*(see paragraph f)

**PLUS A QUANTITY CHARGE OF:**

	Rate Effective 6/1/1415
<u>Residential Rate for Each 1,000 Gallons</u>	
First 615 gallons per day (gpd) .....	\$4,294.46
616 up to 1,845 gpd .....	\$6,847.11
Use in excess of 1,845 gpd .....	\$11,9012.38

Rate for 1,000 Gal for All Other Potable Water Accounts

Commercial, Institutional & Irrigation Accounts - 11/1 – 5/31	\$4,734.92
Commercial, Institutional & Irrigation Accounts - 6/1 – 10/31	\$5,085.28

Rate For 1,000 Gallons For Non-Potable Water

Recycled Water .....	\$4,734.92
Raw (Untreated) Water from Stafford Lake .....	\$1,952.03

**PLUS AN ELEVATION ZONE CHARGE FOR EACH 1,000 GALLONS**

<u>Zone</u>	<u>Elevation</u>	Rate Effective 6/1/1415
A	0 through 60 feet .....	\$0.00
B	60 feet – 200 feet .....	\$0,5453
C*	200 feet + .....	\$1,641.71

\*Any consumer receiving water through a District owned and maintained hydro-pneumatic system shall be assigned to Zone C irrespective of said consumer's actual elevation.

NMWD Regulation 54, adopted 1/65

Revised: 1/67, 6/67, 1/71, 3/72, 2/74, 5/74, 6/74, 8/75, 3/75, 4/76, 5/77, 7/77, 6/78, 7/78, 7/78, 7/79, 3/80, 7/7/81, 7/21/81, 11/81, 12/82, 4/84, 2/87, 5/88, 7/89, 9/89, 7/90, 8/90, 3/91, 4/92, 6/92, 7/92, 9/92, 10/92, 3/93, 7/93, 7/94, 8/94, 11/94, 3/95, 4/95, 7/95, 2/96, 5/96, 6/96, 2/97, 6/97, 2/98, 6/98, 7/99, 6/00, 7/00, 12/00, 06/01, 07/01, 1/02, 06/02, 7/02, 06/03, 01/04, 06/04, 07/04, 6/05, 7/05, 06/06, 07/06 12/06, 07/07, 6/08, 7/08, 7/09, 6/10, 7/10, 6/11, 7/11, 9/11, 7/12, 6/13, 7/14

- (2) Consumers outside the Improvement District boundary shall pay the Elevation Zone C Rate.

(3) 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 provisions of the Restructured Agreement for Water Supply. The Drought Surcharge shall be a quantity charge for each 1,000 gallons of potable water use as follows:

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

b Rates for Service to Privately Owned Fire Protection Systems, All Service Areas

The rates for service through detector check assemblies owned by the District to privately owned and maintained systems supplying sprinklers, hydrants or other facilities exclusively for fire fighting shall be paid once every two months as follows:

Size of Detector Assembly

	Rate Effective 6/1/13
2 inches or less .....	\$15.00
4 inches.....	\$28.00
6 inches.....	\$54.00
8 inches.....	\$83.00
10 inches.....	\$109.00

c Rates for Domestic, Commercial and Industrial Users, West Marin Service Area:

- (1) The following minimum service charge and water quantity rates shall be paid for domestic, commercial and industrial water service for each meter once every two months:

**MINIMUM SERVICE CHARGE**

Effective 07/01/14

For 5/8 x 3/4-inch meter.....	\$30.00
For 1-inch meter* .....	\$60.00
For 1 1/2-inch meter* .....	\$73.00
For 2-inch meter.....	\$114.00
For 3-inch meter.....	\$227.00
For 4-inch meter.....	\$364.00
For all meters in Paradise Ranch Estates .....	\$46.00

\*(see paragraph f)

**PLUS A QUANTITY CHARGE**

Residential Rate for Each 1,000 Gallons Per Dwelling Unit

Effective 07/01/14

First 400 gallons per day (gpd) .....	\$7.15
401 up to 900 gpd .....	\$9.90
Use in excess of 900 gpd.....	\$15.88

Rate Per 1,000 Gallons for All Other Accounts

Commercial, Industrial and Irrigation Accounts Nov 1 – May 31	\$7.22
Commercial, Industrial and Irrigation Accounts June 1 – Oct 31	\$9.99

**PLUS A HYDRAULIC ZONE CHARGE FOR EACH 1,000 GALLONS**

<u>Zone</u>	<u>Hydraulic Zone</u>	<u>Effective 07/01/14</u>
1	Point Reyes Station .....	\$0.00
2	Bear Valley, Silver Hills, Inverness Park & Lower Paradise Ranch Estates (Elevation 0' – 365')	\$0.19
3	Olema .....	\$0.71
4	Upper Paradise Ranch Estates (Elevation 365' +) .....	\$4.77

- (2) Effective July 1, 2014, charge for raw water delivered from Lagunitas Creek shall be paid once every two months at the rate of \$0.40 per 1,000 gallons.
- (3) Effective July 1, 2014 consumers outside the Improvement District boundary shall pay an additional \$2.86 per 1,000 gallons.
- (4) 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 the cost of water purchased from Marin Municipal Water District for release into Lagunitas Creek, pursuant to the Interconnection Agreement between Marin Municipal and NMWD.. The Drought Surcharge shall be a quantity charge for each 1,000 gallons as follows:

Residential Accounts: Use in excess of 200 gallons per day	\$2.50
Commercial, Institutional and Irrigation Accounts: All Use	\$2.50

d. Rates for Water Service from Hydrants or Other Temporary Service

The following rates shall be paid for water delivered via hydrant meter or pursuant to permit issued by the District from hydrants or for any temporary service as authorized in Regulation 5 or for use through a fire service meter.

<u>Novato Service Area</u>	<u>Rate</u> <u>Effective</u> <u>6/1/14</u>
For each 1,000 gallons .....	<del>\$6.72</del> <u>\$6.99</u>

<u>West Marin Service Area</u>	<u>Effective 7/1/14</u>
For each 1,000 gallons .....	\$14.76

The quantity of water delivered as aforesaid shall be determined by the District.

e. Service Arrangements Requiring Assessment of Additional Minimum Service Charges, All Service Areas

A minimum service charge established by this regulation, equal to \$15.00 bi-monthly shall be paid for each dwelling unit which includes a kitchen and which is metered pursuant to Regulation 4.b.(5).

f. Minimum Service Charge for Residential Connections with Fire Fighting Equipment

Where a meter larger than is otherwise required is installed solely to provide capacity for private fire sprinklers or other fire-fighting equipment in single-family residential connections, the minimum bi-monthly service charge shall be:

Rate  
Effective  
6/1/13  
\$34.00

g. Charges for Testing & Maintenance of Backflow Preventers Performed by District

- (1) Each consumer having a backflow prevention device serviced by the District shall pay a bimonthly fee for servicing the device as shown below.

District Owned DCV Devices:

Services Performed by District	Size	Rate Effective 6/1/13
Testing, Repair, Replacement	3/4" + 1" .....	\$12.00
Testing, Repair, Replacement	1 1/2" .....	\$16.00

Privately Owned DCV Devices:

Services Performed by District	Size	Rate Effective 6/1/13
Testing	3/4" + 1" .....	\$7.00
Testing	1 1/2" .....	\$12.00
Testing	2" .....	\$19.00
Testing	3" + 4" .....	\$28.00

District Owned RPP Devices:

Services Performed by District	Size	Rate Effective 6/1/13
Testing, Repair, Replacement	3/4" + 1" .....	\$34.00
Testing, Repair, Replacement	1 1/2" + 2" .....	\$48.00
Testing, Repair, Replacement	3" + 4" .....	\$114.00
Testing, Repair, Replacement	6" + 8" .....	\$247.00

Privately Owned RPP Devices:

Services Performed by District	Size	Rate Effective 6/1/13
Testing	3/4" + 1" .....	13.00
Testing	1 1/2" + 2" .....	\$25.00
Testing	3" + 4" .....	\$52.00

Testing 6" + 8" ..... \$101.00

If any customer requires that testing or maintenance be performed outside of normal work hours of the District an additional charge equivalent to the overtime charges incurred by the District will be assessed.

(2) Exemptions

Exemptions from the testing program are permitted on a case-by-case basis as may be approved by the District and the California Department of Public Health, Office of Drinking Water, District Sanitary Engineer. All such exemptions are conditioned on periodic inspection to ensure that exemption criteria are still being met. Each consumer that applies for and receives such an exemption shall pay a bimonthly fee of:

Rate  
Effective  
6/1/13  
\$2.80

## RESOLUTION 15-XX

### RESOLUTION OF THE BOARD OF DIRECTORS OF NORTH MARIN WATER DISTRICT AMENDING REGULATION 54 – WATER RATES

WHEREAS, the Board of Directors hereby finds and determines that certain of the water rates and charges adjusted herein or previously adopted by the Board are imposed based on the supply of water to be used or consumed by the customer. The Board of Directors also finds and determines that these rates and charges are not imposed upon real property or upon a person as an incident of property ownership, and such rates or charges may be reduced or avoided by a customer by reducing or discontinuing water use; and

BE IT RESOLVED by the Board of Directors of North Marin Water District that Regulation 54 of the North Marin Water District is adopted as follows, effective June 1, 2015:

a Rates for Domestic, Commercial and Industrial Users, Novato Service Area

- (1) The following minimum service charge and water quantity rates shall be paid for domestic, commercial and industrial water service for each meter once every two months:

**PLUS A QUANTITY CHARGE OF:**

	Rate Effective 6/1/15
<u>Residential Rate for Each 1,000 Gallons</u>	
First 615 gallons per day (gpd) .....	\$4.46
616 up to 1,845 gpd .....	\$7.11
Use in excess of 1,845 gpd .....	\$12.38
<u>Rate for 1,000 Gal for All Other Potable Water Accounts</u>	
Commercial, Institutional & Irrigation Accounts - 11/1 – 5/31	\$4.92
Commercial, Institutional & Irrigation Accounts - 6/1 – 10/31	\$5.28
<u>Rate For 1,000 Gallons For Non-Potable Water</u>	
Recycled Water .....	\$4.92
Raw (Untreated) Water from Stafford Lake .....	\$2.03

**PLUS AN ELEVATION ZONE CHARGE FOR EACH 1,000 GALLONS**

Zone	Elevation	Rate Effective 6/1/15
A	0 through 60 feet .....	\$0.00
B	60 feet – 200 feet .....	\$0.53
C*	200 feet + .....	\$1.71

NMWD Regulation 54, adopted 1/65

Revised: 1/67, 6/67, 1/71, 3/72, 2/74, 5/74, 6/74, 8/75, 3/75, 4/76, 5/77, 7/77, 6/78, 7/78, 7/78, 7/79, 3/80, 7/7/81, 7/21/81, 11/81, 12/82, 4/84, 2/87, 5/88, 7/89, 9/89, 7/90, 8/90, 3/91, 4/92, 6/92, 7/92, 9/92, 10/92, 3/93, 7/93, 7/94, 8/94, 11/94, 3/95, 4/95, 7/95, 2/96, 5/96, 6/96, 2/97, 6/97, 2/98, 6/98, 7/99, 6/00, 7/00, 12/00, 06/01, 07/01, 1/02, 06/02, 7/02, 06/03, 01/04, 06/04, 07/04, 6/05, 7/05, 06/06, 07/06 12/06, 07/07, 6/08, 7/08, 7/09, 6/10, 7/10, 6/11, 7/11, 9/11, 7/12, 5/14

\*Any consumer receiving water through a District owned and maintained hydro-pneumatic system shall be assigned to Zone C irrespective of said consumer's actual elevation.

- (2) Consumers outside the Improvement District boundary shall pay the Elevation Zone C Rate.

(3) 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 provisions of the Restructured Agreement for Water Supply. The Drought Surcharge shall be a quantity charge for each 1,000 gallons of potable water use as follows:

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

d. Rates for Water Service from Hydrants or Other Temporary Service

The following rates shall be paid for water delivered via hydrant meter or pursuant to permit issued by the District from hydrants or for any temporary service as authorized in Regulation 5 or for use through a fire service meter.

<u>Novato Service Area</u>	Rate Effective <u>6/1/15</u>
For each 1,000 gallons .....	\$6.99

\* \* \* \* \*

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 nineteen of May 2015, by the following vote:

AYES:  
NOES:  
ABSENT:  
ABSTAINED:

---

Katie Young, District Secretary  
North Marin Water District

(SEAL)

**4**

**5**

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**NORTH MARIN WATER DISTRICT**  
**MONTHLY PROGRESS REPORT FOR April 2015**  
 May 19, 2015

1.

**Novato Potable Water Prod - RR & STP Combined - in Million Gallons - FYTD**

Month	FY14/15	FY13/14	FY12/13	FY11/12	FY10/11	15 vs 14 %
July	319	385	389	371	379	-17%
August	301	360	396	373	368	-16%
September	276	332	346	347	358	-17%
October	221	313	283	249	278	-29%
November	173	229	166	183	164	-24%
December	129	182	146	156	141	-29%
January	137	168	151	178	146	-18%
February	121	119	148	147	134	1%
March	195	154	211	156	151	27%
April	223	177	240	171	194	26%
<b>FYTD Total</b>	<b>2,095</b>	<b>2,419</b>	<b>2,476</b>	<b>2,331</b>	<b>2,313</b>	<b>-13%</b>

**West Marin Potable Water Production - in Million Gallons - FY to Date**

Month	FY14/15	FY13/14	FY12/13	FY11/12	FY10/11	15 vs 14 %
July	8.6	9.3	9.8	9.2	9.9	-7%
August	8.5	9.3	9.7	9.4	9.9	-8%
September	7.8	8.5	8.3	8.7	9.2	-9%
October	5.4	8.0	7.4	6.5	7.8	-33%
November	4.6	6.8	5.2	5.1	4.9	-33%
December	4.7	6.4	4.5	4.9	4.8	-26%
January	4.4	5.9	5.0	4.8	4.3	-24%
February	3.9	4.4	4.4	4.5	3.9	-11%
March	5.2	5.0	5.4	4.4	5.6	4%
April	4.7	5.0	6.0	5.4	4.9	-4%
<b>FYTD Total</b>	<b>57.8</b>	<b>68.5</b>	<b>65.7</b>	<b>63.0</b>	<b>65.3</b>	<b>-16%</b>

\* The Aug/Sept 2014 billing was down 24% from 2013. The variance with production is presumably due to NMWD distribution system leaks.

**Stafford Treatment Plant Production - in Million Gallons - FY to Date**

Month	FY14/15	FY13/14	FY12/13	FY11/12	FY10/11	15 vs 14 %
July	83	98	49	115	109	-15%
August	61	83	83	126	108	-26%
September	26	56	72	77	112	-53%
October	0	82	88	113	111	-
November	8	5	64	106	95	64%
December	0	2	0	49	0	-
January	0	0	21	0	0	-
February	24	0	57	0	0	-
March	95	0	61	0	52	-
April	104	0	67	0	98	-
<b>FYTD Total</b>	<b>401</b>	<b>326</b>	<b>560</b>	<b>586</b>	<b>686</b>	<b>23%</b>

**Recycled Water Production - in Million Gallons - FY to Date**

Month	FY14/15	FY13/14	FY12/13	FY11/12	FY10/11	15 vs 14 %
July	21.8	27.6	11.2	11.0	11.9	-21%
August	26.0	26.2	10.5	12.2	11.2	-1%
September	19.2	18.6	8.5	9.6	9.5	3%
October	9.4	15.8	0.0	0.0	2.6	-41%
November	3.7	6.4	0.0	0.0	0.0	-42%
December	1.6	1.6	0.0	0.0	0.0	0%
January	0.8	1.2	0.0	0.0	0.0	-35%
February	0.8	1.8	0.0	0.0	0.0	-53%
March	9.5	1.2	1.4	0.0	0.0	674%
April	14.1	8.3	8.8	2.5	0.0	70%
<b>FYTD Total*</b>	<b>106.8</b>	<b>108.6</b>	<b>40.3</b>	<b>35.3</b>	<b>35.2</b>	<b>-2%</b>

\*Excludes potable water input into the RW system: FY15=6.9MG; FY14=10.6MG; t:\gm\proj\use\excel\wtr use\production.xlsx\wm prod history

## 2. Stafford Lake Data

	April Average	April 2014	April 2015
Rainfall this month	1.7 Inches	1.1 Inches	0.7 Inches
Rainfall this FY to date	26.2 Inches	13.0 Inches	24.1 Inches
Lake elevation*	193.3 Feet	188.8 Feet	193.2 Feet
Lake storage**	1,199 MG	907 MG	1,188 MG

\* Spillway elevation is 196.0 feet

\*\* Lake storage less 390 MG = quantity available for delivery

## Temperature (in degrees)

	Minimum	Maximum	Average
April 2014 (Novato)	43	100	66
April 2015 (Novato)	36	99	63

## 3. Number of Services

April 30	Novato Water			Recycled Water			West Marin Water			Oceana Marin Swr		
	FY15	FY14	Incr %	FY15	FY14	Incr %	FY15	FY14	Incr %	FY15	FY14	Incr %
Total meters	20,746	20,726	0.1%	48	47	2%	781	820	-4.8%	-	-	-
Total meters active	20,497	20,500	0.0%	44	44	0%	777	776	0.1%	-	-	-
Active dwelling units	23,945	23,934	0.0%	0	0	-	824	813	1.4%	229	229	0.0%

## 4. Oceana Marin Monthly Status Report (April)

Description	April 2014	April 2015
Effluent Flow Volume (MG)	0.590	0.405
Irrigation Field Discharge (MG)	0.893	0.098
Treatment Pond Freeboard (ft)	3.6	3.3
Storage Pond Freeboard (ft)	4.2	7.2

## 5. Developer Projects Status Report (April)

Job No.	Project	% Complete	% This month
2.2773.00	Koch Single Family	100	0
1.2774.00	Mt. Burdell Place	50	50
1.2776.00	Shell Gas Station	100	10

## District Projects Status Report - Const Dept (April)

Job No.	Project	% Complete	% This month
7130.00	STP 18" Transmission Line Evaluation	100	2
7123.15	Atherton Oaks/Summit lane PB R/R	95	5
1.8650.20	WQ Sampling Stations	60	60

## Employee Hours to Date, FY 14/15

As of Pay Period Ending April 30, 2015

Percent of Fiscal Year Passed = 83%

Developer Projects	Actual	Budget	% YTD Budget	District Projects	Actual	Budget	% YTD Budget
Construction	1,043	1,400	75	Construction	3,077	4,979	62
Engineering	434	1,480	29	Engineering	4,011	3,546	113

## 6. Safety/Liability

Industrial Injury with Lost Time				Liability Claims Paid	
Lost Days	OH Cost of Lost Days (\$)	No. of Emp. Involved	No. of Incidents	Incurred (FYTD)	Paid (FYTD) (\$)
165	83,160	1	0	5	3,599
60	24,960	1	0	2	872

FY through April 15

FY through April 14

Days without a lost time accident through April 30, 2015= 335 days

## 7. Energy Cost

FYE	Kwh	April		Fiscal Year-to-Date thru April		
		¢/Kwh	Cost/Day	Kwh	¢/Kwh	Cost/Day
2015 Stafford TP	72,412	18.1¢	\$437	555,180	17.9¢	\$327
Pumping	97,017	15.9¢	\$483	1,063,382	16.4¢	\$569
Other*	40,150	17.7¢	\$223	395,241	20.5¢	\$265
	209,578	17.0¢	\$1,151	2,013,803	17.6¢	\$1,159
2014 Stafford TP	71,118	17.6¢	\$416	577,548	17.1¢	\$325
Pumping	86,171	15.0¢	\$432	1,357,109	15.3¢	\$685
Other*	36,850	17.3¢	\$212	425,838	19.4¢	\$271
	194,139	16.4¢	\$1,026	2,360,496	16.5¢	\$1,277
2013 Stafford TP	73,702	17.0¢	\$418	522,384	16.1¢	\$273
Pumping	106,269	13.6¢	\$517	1,119,109	15.2¢	\$587
Other*	34,498	16.3¢	\$201	371,136	19.4¢	\$249
	214,468	15.2¢	\$1,126	2,012,629	16.2¢	\$1,116

\*Other includes West Marin Facilities

## 8. Water Conservation Update

	Month of April 2015	Fiscal Year to Date	Program Total to Date
High Efficiency Toilet (HET) Rebate (\$100 each)	28	239	3,182
Retrofit Certificates Filed	29	226	5,255
Cash for Grass Rebates Paid Out	8	104	665
Washing Machine Rebates	13	124	6,568
Water Smart Home Survey	38	276	2,032

## 9. Utility Performance Metric

<u>SERVICE DISRUPTIONS</u>	April 2015 No. of Customers Impacted	April 2014 No. of Customers Impacted
PLANNED		
Duration Between 0.5 and 4 hours	10	4
Duration Between 4 and 12 hours		
Duration Greater than 12 hours		
UNPLANNED		
Duration Between 0.5 and 4 hours	11	4
Duration Between 4 and 12 hours		
Duration Greater than 12 hours	1	

<u>SERVICE LINES REPLACED</u>	April 2015	April 2014
Polybutylene	13	3
Copper (Replaced or Repaired)	0	1

# NORTH MARIN WATER DISTRICT

## Summary of Complaints & Service Orders April 2015

5/11/2015

Type	Apr-15	Apr-14	Action Taken April 2015
<b><u>Consumers' System Problems</u></b>			
Service Line Leaks	16	21	Notified Consumer
Meter Leak Consumer's Side	0	1	~
House Plumbing	0	0	~
Noisy Plumbing	0	0	~
Seepage or Other	0	0	~
House Valve / Meter Off	4	11	Notified Consumer
Nothing Found	13	7	Notified Consumer
Low Pressure	1	0	Pressure @ 42 PSI. They will call plumber.
High Pressure	1	0	Pressure @ 120 PSI. They will call plumber.
Water Waster Complaints	0	0	~
<b>Total</b>	<b>35</b>	<b>40</b>	
<b><u>Service Repair Reports</u></b>			
Register Replacements	0	0	~
Meter Replacement	3	2	Replaced
Meter Box Alignment	0	0	~
Meter Noise	0	0	~
Dual Service Noise	0	0	~
Box and Lids	0	0	~
Water Off/On Due To Repairs	8	3	Notified Consumer
Misc. Field Investigation	1	3	Notified Consumer
<b>Total</b>	<b>12</b>	<b>8</b>	
<b><u>Leak NMWD Facilities</u></b>			
Main-Leak	1	0	Repaired
Mains-Nothing Found	0	0	~
Mains-Damage	0	1	~
Service- Leak	17	7	Repaired
Services-Nothing Found	5	6	Notified Consumer
Service-Damaged	0	0	~
Fire Hydrant-Leak	3	2	Repaired
Fire Hydrants-Nothing Found	0	0	~
Fire Hydrants-Damaged	1	2	Repaired
Meter Replacement	1	8	Repaired
Meters-Leak	0	0	~
Meters-Nothing Found	0	0	~
Meters Damaged	0	0	~
Washer Leaks	2	5	Replaced
<b>Total</b>	<b>30</b>	<b>31</b>	
<b><u>High Bill Complaints</u></b>			
Consumer Leaks	6	6	Notified Consumer
Meter Testing	0	0	~
Meter Misread	6	2	Notified Consumer
Nothing Found	8	6	Notified Consumer
Projected Consumption	0	0	~
Excessive Irrigation	0	0	~
<b>Total</b>	<b>20</b>	<b>14</b>	

# NORTH MARIN WATER DISTRICT

## Summary of Complaints & Service Orders April 2015

5/11/2015

Type	Apr-15	Apr-14	Action Taken April 2015
<b><u>Low Bill Reports</u></b>			
Meter Misread	0	0	~
Stuck Meter	1	0	Replaced
Nothing Found	1	1	Notified Consumer
Projected Consumption	0	0	~
Minimum Charge Only	0	0	~
<b>Total</b>	<b>2</b>	<b>1</b>	
<b><u>Water Quality Complaints</u></b>			
Taste and Odor	0	1	~
Color	2	0	<b>Customer reported brown water. (Joan Ave)</b> Color is due to Manganese from STP source. Color improved during the week & Manganese levels are lower. Customer was notified.
			<b>Customer reported color staining. (Donna St)</b> Color staining on pool plaster may be due to corrosion from the decorative fire hydrant used to fill the pool. Customer was notified.
Turbidity	0	0	~
Suspended Solids	0	0	~
Other	2	4	<b>Customer requested water tested for Lead &amp; Copper (Montura Way)</b> Neither were detected. Customer was notified.
			<b>Customer inquired about hardness. (Indian Trail Ct)</b> Hardness was usual (moderately hard) for NMWD supply. Customer was notified.
<b>Total</b>	<b>4</b>	<b>5</b>	
<b>TOTAL FOR MONTH:</b>	<b>103</b>	<b>99</b>	<b>4%</b>

### **Fiscal YTD Summary**

Consumer's System Problems	286	299
Service Repair Report	103	98
Leak Complaints	304	238
High Bill Complaints	272	343
Low Bills	9	1
Water Quality Complaints	30	57
<b>Total</b>	<b>1,004</b>	<b>1,036</b>

### **Change Primarily Due To**

-4%	Decrease In Meter Lks Consumer Side
5%	Increase Water Off/On Due To Repairs
28%	Increase in Service Leak
-21%	Decrease In Nothing Found
800%	Increase in Stuck Meters
-47%	Decrease In Taste & Odor
<b>-3%</b>	

# NORTH MARIN WATER DISTRICT

## Summary of Complaints & Service Orders April 2015

5/11/2015

<u>Type</u>	<u>Apr-15</u>	<u>Apr-14</u>	<u>Action Taken April 2015</u>
<b><u>"In House" Generated and Completed Work Orders</u></b>			
<b><u>Check Meter:</u></b> possible consumer/District leak, high bill, flooded, need read, etc.	161	155	
<b><u>Change Meter:</u></b> leaks, hard to read	7	8	
<b><u>Possible Stuck Meter</u></b>	0	6	
<b><u>Repair Meter:</u></b> registers, shut offs	0	0	
<b><u>Replace Boxes/Lids</u></b>	6	3	
<b><u>Hydrant Leaks</u></b>	0	0	
<b><u>Trims</u></b>	57	85	
<b><u>Dig Outs</u></b>	73	169	
<b><u>Letters to Consumer:</u></b> meter obstruction, trims, bees, gate access, etc. get meter number, kill service, etc.	0  0	0  0	
	<u>304</u>	<u>426</u>	

## Bill Adjustments Under Board Policy:

### April 15 vs. April 14

Apr-15	20	\$6,648
Apr-14	28	\$7,337

### Fiscal Year to Date vs. Prior FYTD

14/15 FYTD	217	\$91,778
13/14 FYTD	295	\$103,859

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## MEMORANDUM

To: Board of Directors

May 15, 2015

From: David L. Bentley, Auditor-Controller

Subj: Auditor-Controller's Monthly Report of Investments for April 2015

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**RECOMMENDED ACTION:** Information

**FINANCIAL IMPACT:** None

At month end the District's Investment Portfolio had an amortized cost value (i.e., cash balance) of \$15,333,432 and a market value of \$15,344,375. During April the cash balance increased by \$845,612. The market value of securities held increased by \$2,851 during the month. The ratio of total cash to budgeted annual operating expense, excluding the \$2,566,615 unexpended balance of the Bank of Marin loan, stood at 93%, up 7% from the prior month. \$655,842 is anticipated to be received in May as the final Prop 50 Grant payment for the Gallagher Well Pipeline Project.

At April 30, 2015, 34% of the District's Portfolio was invested in California's Local Agency Investment Fund (LAIF), 26% in Time Certificate of Deposits, 13% in Corporate Medium Term Notes, 13% in US Treasury Notes, and 7% in Federal Agency Securities. The weighted average maturity of the portfolio was 202 days, compared to 230 days at the end of March. The LAIF interest rate for the month was 0.28%, the same as the previous month. The weighted average Portfolio rate was 0.49%, compared to 0.50% the previous month. Including interest paid by The Bay Club Company on the StoneTree Golf Club Recycled Water Facilities Loan, the District earned \$19,049 in interest revenue during April, with 65% earned by Novato Water, 29% earned by Recycled Water (by virtue of the StoneTree Golf Course Loan) and the balance distributed to the other districts.

**NORTH MARIN WATER DISTRICT  
AUDITOR-CONTROLLER'S MONTHLY REPORT OF INVESTMENTS  
April 30, 2015**

Type	Description	S&P Rating	Purchase Date	Maturity Date	Cost Basis <sup>1</sup>	4/30/2015 Market Value	Yield <sup>2</sup>	% of Portfolio
<b>LAIF</b>	State of CA Treasury	A	Various	Open	\$5,239,261	\$5,241,271	0.28% <sup>3</sup>	34%
<b>Time Certificate of Deposit</b>								
TCD	Discover Bank	n/a	5/1/13	5/1/15	248,000	248,000	0.50%	2%
TCD	GE Capital Bank	n/a	6/10/13	6/8/15	248,000	248,000	0.50%	2%
TCD	American Express	n/a	8/1/13	8/3/15	248,000	248,000	0.70%	2%
TCD	Compass Bank	n/a	9/4/13	9/4/15	248,000	248,000	0.65%	2%
TCD	Sallie Mae Bank	n/a	10/23/13	10/23/15	248,000	248,000	0.80%	2%
TCD	BMW Bank	n/a	12/11/13	12/11/15	248,000	248,000	0.70%	2%
TCD	Key Bank	n/a	3/19/14	3/21/16	248,000	248,000	0.45%	2%
TCD	Barclays Bank	n/a	4/15/14	4/15/16	248,000	248,000	0.55%	2%
TCD	Americanwest Bank	n/a	5/30/14	5/31/16	249,000	249,000	0.50%	2%
TCD	Enerbank	n/a	6/30/14	6/30/16	249,000	249,000	0.65%	2%
TCD	Investors Bank	n/a	7/21/14	7/21/16	249,000	249,000	0.70%	2%
TCD	Comenity Capital Bank	n/a	8/18/14	8/18/16	249,000	249,000	0.80%	2%
TCD	Ally Bank	n/a	10/2/14	10/3/16	248,000	248,000	0.95%	2%
TCD	Cardinal Bank	n/a	11/12/14	11/14/16	249,000	249,000	0.80%	2%
TCD	Goldman Sachs	n/a	12/10/14	12/12/16	248,000	248,000	1.00%	2%
TCD	First Niagara Bank	n/a	4/30/15	5/1/17	249,000	249,000	0.75%	2%
					<b>\$3,974,000</b>	<b>\$3,974,000</b>	<b>0.67%</b>	<b>26%</b>
<b>US Treasury Notes</b>								
Treas	1,000 - 0.50%	n/a	3/26/14	6/15/16	\$999,427	\$1,002,188	0.55%	7%
Treas	1,000 - 1.0%	n/a	8/4/14	9/30/16	1,005,065	1,008,438	0.65%	7%
					<b>\$2,004,492</b>	<b>\$2,010,626</b>	<b>0.60%</b>	<b>13%</b>
<b>Federal Agency Securities</b>								
FFCB	1.70% MTN	n/a	9/15/14	10/28/16	\$507,682	\$508,138	0.68%	3%
FHLB	0.58% MTN	n/a	11/7/14	11/14/16	499,499	499,802	0.64%	3%
					<b>\$1,007,181</b>	<b>\$1,007,939</b>	<b>0.66%</b>	<b>7%</b>
<b>Corporate Medium Term Notes</b>								
MTN	Toyota Motor Credit	AA-	5/14/13	7/17/15	\$1,000,797	\$1,001,289	0.51%	7%
MTN	General Electric	AA+	1/29/13	10/9/15	1,000,658	1,002,207	0.70%	7%
					<b>\$2,001,455</b>	<b>\$2,003,496</b>	<b>0.60%</b>	<b>13%</b>
<b>Other</b>								
Agency	Marin Co Treasury	AA+	Various	Open	\$577,387	\$577,387	0.22%	4%
Other	Various	n/a	Various	Open	529,656	529,656	0.42%	3%
<b>TOTAL IN PORTFOLIO</b>					<b>\$15,333,432</b>	<b>\$15,344,375</b>	<b>0.49%</b>	<b>100%</b>

Weighted Average Maturity = **202 Days**

LAIF: State of California Local Agency Investment Fund.

MTN: Medium Term Note - Maturity of 5 years or less.

TCD: Time Certificate of Deposit, Treas: US Treasury Notes with maturity of 5 years or less.

FFCB: Federal Farm Credit Bank, FHLB: Federal Home Loan Bank

Agency: West Marin General Obligation Bond Fund tax receipts & STP State Revolving Fund Loan Reserve.

Other: Comprised of 4 accounts used for operating purposes. US Bank Operating Account, US Bank STP SRF Loan Account, Bank of Marin AEEP Checking Account & NMWD Petty Cash Fund.

1 Original cost less repayment of principal and amortization of premium or discount.

2 Yield defined to be annualized interest earnings to maturity as a percentage of invested funds.

3 Earnings are calculated daily - this represents the average yield for the month ending April 30, 2015.

<b>Interest Bearing Loans</b>	Loan Date	Maturity Date	Original Loan Amount	Principal Outstanding	Interest Rate
StoneTree Golf Course Loan	6/30/06	2/28/24	\$3,612,640	\$1,970,078	2.40%
Employee Housing Loans (6)	Various	Various	1,234,200	1,234,200	Contingent
Employee Computer Loan (1)	1/8/2015	1/4/2016	893	596	1.52%
<b>TOTAL INTEREST BEARING LOANS</b>			<b>\$4,847,733</b>	<b>\$3,204,874</b>	

**The District has the ability to meet the next six months of cash flow requirements.**

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8

## MEMORANDUM

To: Board of Directors

May 15, 2014

From: Ryan Grisso, Water Conservation Coordinator *RG*Subject: Approve Text for Spring 2015 Novato "*Water Line*", Volume 16, Issue 34

V:\Memos to Board\Spring 2015 WaterLine Text 0515.doc

**RECOMMENDED ACTION:** Approve Spring 2015 Novato "*Water Line*" Text**FINANCIAL IMPACT:** \$8,000 (Included in FY 2014/2015 Budget)

Draft text and design for the Spring 2015 Novato "*Water Line*", Volume 16, Issue 34 is attached for your review. This issue focuses on the State imposed drought regulations. The "*Water Line*" message directs customers to the [www.nmwd.com](http://www.nmwd.com) website feature, allowing customers to log in and see a graph of their water use and conservation savings target. The online graphs have been modified to add a water use reduction target bar (from 2013 use) for each future billing period. This issue also summarizes the water use prohibitions for 2015, advertises a variety of water conservation programs and introduces the residential recycled water fill station to customers.

Should any Board member have individual comments please provide them to the General Manager at the Board meeting on May 19, 2015. It is expected the "*Water Line*" will be mailed in late May 2015.

RECOMMENDATION

Board authorize General Manager to approve final text and design of Spring 2015 Novato "*Water Line*", Volume 16, Issue 34.

Approved by GM *CD*Date: *5/15/2015*



# THE WATER LINE

NOVATO'S WATER CONSERVATION NEWSLETTER • VOLUME 16 ISSUE 34 SPRING 2015

## The California Drought Is Still On

### State Water Resources Control Board enacts Emergency Water Conservation Regulations

To date, Novato water customers have done a good job conserving water. Water production fiscal year to date in 2015 is down 13%. Thanks for doing your part. Now NMWD asks that you remain diligent in conserving water.

In early May the State Water Resources Control Board (SWRCB) adopted Emergency Water Conservation Regulations requiring water waste prohibitions to be applied statewide and requiring mandatory restrictions on outdoor irrigation. Beginning June 1st, watering of any lawn, garden, landscaped area, tree, shrub or other plant is prohibited except when using a handheld hose equipped with an automatic shut-off nozzle, a container or drip irrigation system. **Overhead sprinkler irrigation can be used if you maintain an overall 24% reduction in your water use compared to the same billing period in 2013. Additionally, irrigation systems must operate between the hours of 7 p.m. and 9 a.m. and only 3 days per week (M, W, F for odd numbered addresses and T, TH, Sa for even numbered addresses).** If irrigation with a sprinkler system results in waste of water, the irrigation system must be repaired to eliminate such waste or the customer will be prohibited from using the overhead sprinkler system.

You can see your water use history and the water use reduction target for your account at [www.nmwd.com](http://www.nmwd.com). Select the "Your Account" tab and click on "Account Balance & Consumption". Once you determine your water use reduction target, visit [www.wateroff.org](http://www.wateroff.org) and access the Water Savings Calculator link under the "Tips" button to explore water saving measures that you can undertake to reach your target. This water use reduction target is for your information and individual customer rationing is not projected at this time. (Customers using less than 143 gallons per person per day have already met the conservation target).

We appreciate your help in preserving our water supply! Please pay attention to water use especially outside. Any possible reduction in water use is appreciated. There's not a drop to waste!

### Summary of Water Use Prohibitions for 2015

#### Water Waste Prohibitions

- Gutter flooding (unreasonable irrigation overspray or irrigation run-off onto pavement, down a gutter, ditch or other drain).
- Failure to repair a controllable leak of water within a reasonable time.
- Using water for non-recycling decorative fountains or single-pass cooling systems.
- Washing down exterior paved areas.
- Refilling a swimming pool drained after July 1, 2014.
- Washing privately-owned motor vehicles, trailers and boats except from a bucket and hose equipped with an automatic shut-off nozzle for a quick rinse.

#### Landscape Irrigation Requirements

- Watering of any lawn, garden or landscape area is permitted only with drip irrigation or by hand with a container or hose with automatic shut off nozzle. Overhead sprinkler irrigation can be used no more than 3 days per week, if the customer maintains an overall 24% reduction in water use when compared to the same billing period in 2013.
- Overhead sprinkler irrigation permitted only between the hours of 7:00 PM and 9:00 AM of the next day, and only 3 days per week. (Monday, Wednesday and Friday for odd number street addresses and Tuesday, Thursday, Saturday for even number street addresses).

For questions on the water use prohibitions call 415-761-8944 or email [waterconserve@nmwd.com](mailto:waterconserve@nmwd.com)



Brown is the  
new green

**There's  
Never  
Enough  
to waste  
Turn the  
Water Off.**



NORTH MARIN  
WATER DISTRICT

## California's drought is still here and severe Participate in NMWD's Water Conservation Programs

### Cash for Grass

NMWD offers a cash incentive for removing regularly maintained and automatically irrigated lawn areas and replacing them with low water use plantings on drip irrigation or with synthetic turf. The incentive will pay you up to \$50 per 100 square feet of lawn area (maximum \$400 per single family dwelling). Pre-qualification site visit required prior to participation.



OR

### Lawn Be Gone

This program is for "do-it-yourselfers" who want to replace lawn areas by covering and composting in place - a process known as "sheet-mulching". NMWD offers delivery of free compost, cardboard and mulch for eligible sheet-mulching projects. Pre-qualification site visit and landscape plan approval required prior to participation. Delivery will be performed by NMWD's designated contractor.



See [www.nmwd.com](http://www.nmwd.com) for rules and application forms, and then call 415-761-8944 to schedule an appointment.

## Water Smart Savings Program

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

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

#### Water Smart Home Survey:

This free service includes thorough indoor and outdoor water efficiency checks.

#### Water Conserving Fixtures:

Free showerheads, faucet aerators and self-closing hose nozzles are available upon request.

#### High Efficiency Toilet Rebate:

Customers who replace an old water-guzzling toilet with a high efficiency toilet may be eligible for a rebate.

#### High Efficiency Clothes Washer Rebate:

NMWD offers a rebate to customers when they purchase a qualifying high efficiency clothes washer.

#### Cash for Grass Rebate:

Get Cash for removing irrigated and maintained lawn and replacing it with low water use plants or synthetic lawn: Pre-qualification required.

#### Water Smart Landscape Rebate:

Rebates available for water efficient landscape equipment, like a new drip irrigation system replacing a spray system or a rain shut off device

#### Smart Controller Rebate:

A Smart Controller uses weather data and site specific information to automatically adjust run times.

#### Rainwater Catchment Rebate:

Rebate for collection and storage of rainwater.

#### Greywater Rebate:

Rebate for the reuse of water from washing machine, shower or bathroom sink to water landscape plants.

#### Other Programs:

Other programs include pool cover rebate, hot water recirculation system rebate and "Lawn Be Gone" sheet mulching program.



999 Rush Creek Place  
PO Box 146  
Novato, CA 94948

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

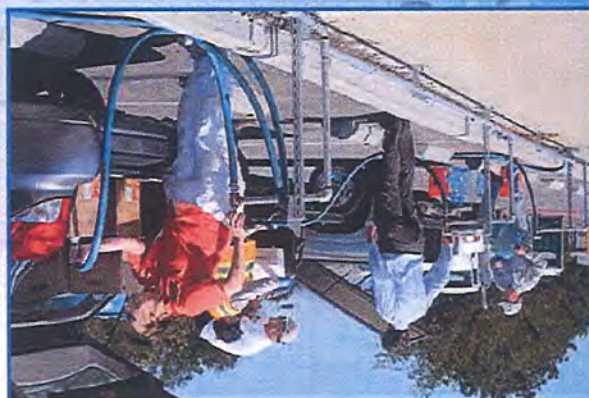
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**NORTH MARIN  
WATER DISTRICT**



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Recycled water will be made available for residential customers for the first time this summer. A residential recycled water filling station will allow residential customers to visit a designated NMWD location and fill up containers (between 5 and 300 gallons) with recycled water during specified hours. Interested customers will need to submit an application and attend a short training. If you are interested in being updated on the status of this program, please email [waterconserve@nmwd.com](mailto:waterconserve@nmwd.com) to get on the email update list.



**Residential Recycled Water Fill Station Coming Soon!**

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

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## MEMORANDUM

To: Board of Directors  
From: Ryan Grisso, Water Conservation Coordinator *RG*  
Subject: Approve Text for West Marin's *Water Line*, Volume 12  
W:\Memos to Board\Spring 2014 WM WaterLine Text 0314.doc

May 15, 2015

**RECOMMENDED ACTION:** Approve 2015 West Marin "*Water Line*"  
**FINANCIAL IMPACT:** \$2,000 (included in WM FY 2014/2015 Budget)

Text for West Marin's Spring 2015 "*Water Line*", Volume 12 (Attached), is enclosed for your review and approval. This issue focuses on the State imposed mandate to limit irrigation to no more than two days per week. Should any Board member have individual comments please provide them to the General Manager at the Board meeting on May 19, 2015. It is expected the West Marin Spring 2015 "*Water Line*" will be mailed in late May 2015.

RECOMMENDATION

Board authorize the General Manager to approve text and design of West Marin's Spring 2015 "*Water Line*", Volume 12.

Approved by GM *CD*Date: *5/15/2015*



NORTH MARIN  
WATER DISTRICT

# THE WATER LINE

WEST MARIN'S WATER CONSERVATION NEWSLETTER • VOLUME 12 • SPRING 2015

## State Order Limits Irrigation to Two Days Per Week

**N**MWD's water supply for West Marin customers is diverted from shallow wells adjacent to Lagunitas Creek near the U.S. Coast Guard Housing Facility in Point Reyes Station. Last summer flows in Lagunitas Creek were reduced 25% below normal and a mandatory 25% reduction in water use was in place from July 1st through October 31st, and West Marin customers complied.

This year's rainfall levels reached normal year status (a normal year is declared when total precipitation from October 1 to April 1 exceeds 28 inches measured at the Marin Municipal's Kent Lake). However, the statewide drought still

continues and in early May, the State Water Resources Control Board (SWRCB) adopted Emergency Water Conservation Regulations. The West Marin Service Area falls into the category of a "smaller water supplier", serving fewer than 3,000 connections. The SWRCB requires smaller water suppliers to choose between a water use cut back of 25% compared to same period in 2013 or to restrict outdoor irrigation to no more than two days per week. On May 19, 2015, the NMWD Board approved a resolution restricting outdoor irrigation in the West Marin service area to no more than two days per week effective June 1, 2015.

We appreciate your help in preserving our water supply! Please pay attention to water use, especially outside and limit outdoor irrigation to no more than two days per week. Any possible reduction in water use is appreciated. There's not a drop to waste!



### Gallagher Pipeline Project

**N**orth Marin Water District (NMWD) has completed the long planned Gallagher Well Pipeline project to improve water quality for West Marin customers. The NMWD West Marin Water Service Area wells are subject to periodic salinity intrusion from the adjacent Tomales Bay. NMWD developed an additional well, on the Gallagher Ranch, upstream of any tidal influence and potential salinity

intrusion. A \$1.4M State grant (equivalent to an amount of \$2,000 per customer) made it possible to move forward with this important project.

The Gallagher Well Pipeline Project is approximately 1-mile in length and connects the Gallagher Well to the existing Point Reyes water treatment plant.

**Brown is the  
new green**

**There's  
Never Enough  
to waste  
Turn the  
Water Off.**



NORTH MARIN  
WATER DISTRICT

# Water Smart Savings Program

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

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



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



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

**NORTH MARIN  
WATER DISTRICT**

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

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## 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](http://www.nmwd.com)) when you install District-qualified water-efficient landscape equipment including:

- Spray to drip irrigation conversions
- Weather Based Irrigation Controllers
- Multi-stream rotating sprinkler nozzles (for lawn areas only)
- Rain shut-off devices
- Mulch



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

## Rainwater Harvesting and Graywater Rebate



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.

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## MEMORANDUM

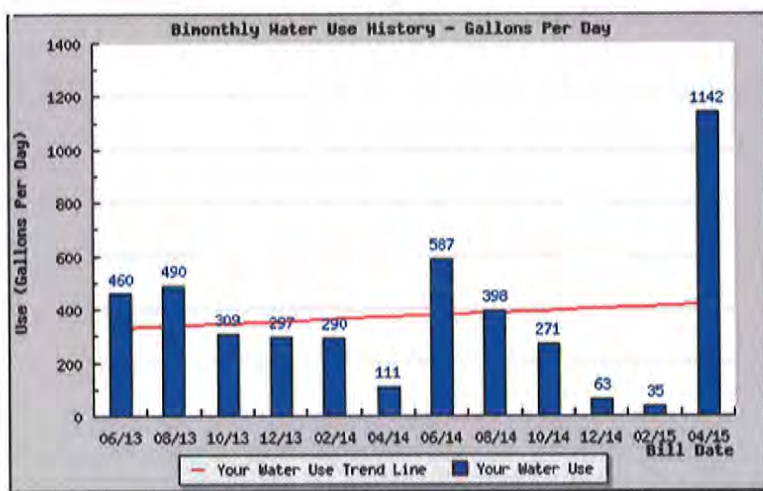
To: Board of Directors  
 From: David L. Bentley, Auditor-Controller  
 Subj: Request for Additional Bill Adjustment  
 t:\aclword\memo\15\stephens bill adjustment.docx

May 15, 2015

**RECOMMENDED ACTION: Deny****FINANCIAL IMPACT: Up to \$383 Additional Bill Adjustment**

Mr. Stephens, who owns the home at 80 Sunnyside Drive in Paradise Ranch Estates, received a \$987 bill based on February and March water use of 62,000 gallons. This compares with 6,000 gallons used during the same billing period in 2014. He called to explain that his water use has remained consistent for the last several months, that most of his irrigation has been shut-off, and that as a professional in the environmental protection field he takes water conservation very seriously, and that there must be an error in the meter.

Staff double-checked the read and found it accurate. The meter is relatively new, having been installed in 2008. An adjustment as authorized under the Board's Bill Adjustment Policy was offered, which would reduce the bill to \$456, a \$531 reduction. Mr. Stephens requests a full-adjustment, reducing his bill to the amount paid on his previous bill, which was \$73.



Mr. Stephens resides in Berkeley and he has a conflict that will prevent him from attending the Board meeting. At staff's request he provided the attached email stating his case. Mr. Stephens is undoubtedly a man of high integrity, however, staff has no basis to recommend further adjustment. The billing system is based on the integrity of the registered use as shown on the meter, applicable to all customers. The District grants approximately 300 bill adjustments annually under the Board policy, approximately 16% of which are granted to customers who receive a high bill for an "unknown reason". Note that while the February/March 2015 water use is clearly high, the adjusted bill of \$456 is less than the \$502 bill paid by Mr. Stephens for his uncontested water use in April/May of 2014.

Options for the Board to consider include:

1. Let the adjusted bill stand as-is (\$456);
2. Split the difference between the adjusted bill and Mr. Stephens' request - grant an additional \$192 adjustment  $((\$456 - \$73) / 2)$ , reducing the bill to \$264;
3. Grant an additional adjustment of \$339, reducing the bill to the amount based on use during the same period last year (February/March 2014), reducing the bill to \$117;
4. Grant an additional \$383 adjustment, reducing the bill to \$73 (Mr. Stephens' request).

**Staff Recommendation**

Option 1 - Let the adjusted bill stand as is (\$456).

## David Bentley

---

**From:** Robt. D Stephens [robt.stephens@sbcglobal.net]  
**Sent:** May 11, 2015 6:10 PM  
**To:** David Bentley  
**Subject:** Billing at 80 Sunnyside Drive, Inverness

Dear Mr. Bentley,

This is a follow up to my phone conversation with you earlier today. I believe there is a serious error in the reading of my water use at the above address. I wish to appeal/request an adjustment to my bill. Looking at my history of use over the past year shows the results of my efforts to conserve water. Water and environmental protection is part of my life. I currently serve as the Chair of the Board of Directors of the Pacific Institute in Oakland. Rational, science based water policy is our focus. I retired as the Assistant Secretary for Sustainability at the California EPA. I don't take these issues lightly.

My water use for the billing period of 12/14/2014 was 63 gal./day. For the period billed on 2/15/2105, usage was 35 gal./day. For the billing period of 4/15/2015 usage was reported as 1142 gal./day ( a greater than 3000% increase). A NMWD staff checked the meter and reported it had advanced only 2 units since the last reading (3/28/2015). This means that usage is now essentially what it was at the 2/15/2015 billing period. There have been no changes in water uses or devices during this period. There are no leaks as shown by the meter not advancing when everything is shut off. No repairs of leaks were done during this period. The property was to used for 5 of the 8 weeks of the billing period in question. 62,000 is a lot of water and if there was a leak, there would be evidence of such a leak. There is no such evidence. The only logical explanation is that there is an error in the meter reading.

I request my bill be adjusted to and average of the the rate used in the previous billing period and the June period.

Robert Stephens PhD  
80 Sunnyside Drive  
Inverness  
Billing address:  
67 Rock Lane  
Berkeley, CA 94708  
510-813-8607 (cell)

11

## MEMORANDUM

To: Board of Directors

Date: May 15, 2015

From: Drew McIntyre, Chief Engineer 

Subject: Adopt State Financial Assistance Resolutions – Application for Recycled Water Central Service Area Project

R:\Folders by Job No\6000 jobs\6058\SRF Application - Central\BOD Memos\6058 RW Central Extension Resolution BOD MEMO.doc

**RECOMMENDED ACTION:** That the Board authorize submittal of State Financial Assistance Application and adopt the following Resolutions:

1. Approve Authorizing Resolution
2. Approve Pledged Revenues and Funds Resolution
3. Approve Reimbursement Resolution

**FINANCIAL IMPACT:** None at this time

At the April 7, 2015 meeting, the Board was again apprised of staff's intent to apply for State Financial Assistance (low interest rate loan) for the Central Service Area Expansion project identified in the District's Recycled Water Implementation Plan (May 2006) and the North Bay Water Reuse Authority's (NBWRA) "North Bay Water Recycled Programs". The recycled water Central Service Area project within NBWRA's Final EIR was approved by the Board at the December 15, 2009 meeting. Supplemental updated environmental (CEQA/NEPA) assessments will be performed by NMWD's environmental consultant, ESA, as was similarly performed for the State Revolving Fund (SRF) loans obtained by the District for the North and South Service Areas. The Central Service Area project limits are shown on the map provided in Attachment 1. The project entails construction of approximately 30,500 ft of 8-inch to 18-inch diameter PVC pipeline for distribution of recycled water to customers in the Novato Central Service Area and rehabilitation of the existing 0.5 MG capacity Norman Tank in Novato for storage of recycled water. The current preliminary cost estimate is as follows:

TASK DESCRIPTION	EST. TOTAL PROJECT COST	EST. FEDERAL GRANT AMOUNT	INITIAL SRF APPLICATION AMOUNT
Facilities Planning	\$94,750	\$12,453.45	\$82,296.55
Facilities Design	\$1,061,200	\$139,478.64	\$921,721.36
Construction Management	\$454,800	\$59,776.56	\$395,023.44
Administration	\$284,250	\$37,360.35	\$246,889.65
Facilities Construction Total	\$7,580,000	\$996,276.01	\$6,583,723.99
Contingency	\$1,451,500	\$190,777.66	\$1,260,722.34
Pre-Purchase Material/Equipment	\$0	\$0.00	\$0.00
Land and Right of Way	\$0	\$0.00	\$0.00
Other Costs (On-site Retrofit)	\$486,000	\$63,877.33	\$422,122.67
<b>Total Project Costs</b>	<b>\$11,412,500</b>	<b>\$1,500,000.00</b>	<b>\$9,912,500.00</b>

This application process requires submission of three resolutions: the first resolution (Attachment 2) authorizing the General Manager to act as the representative of the District; the second resolution (Attachment 3) authorizes a dedicated revenue source for repayment of any loan accepted by NMWD for this project; and the third resolution (Attachment 4) declares the official intent of the District to reimburse certain planning, design and construction expenditures from the proceeds of indebtedness. The resolutions are consistent with State Water Resources Control Board requirements and have been reviewed by NMWD legal counsel.

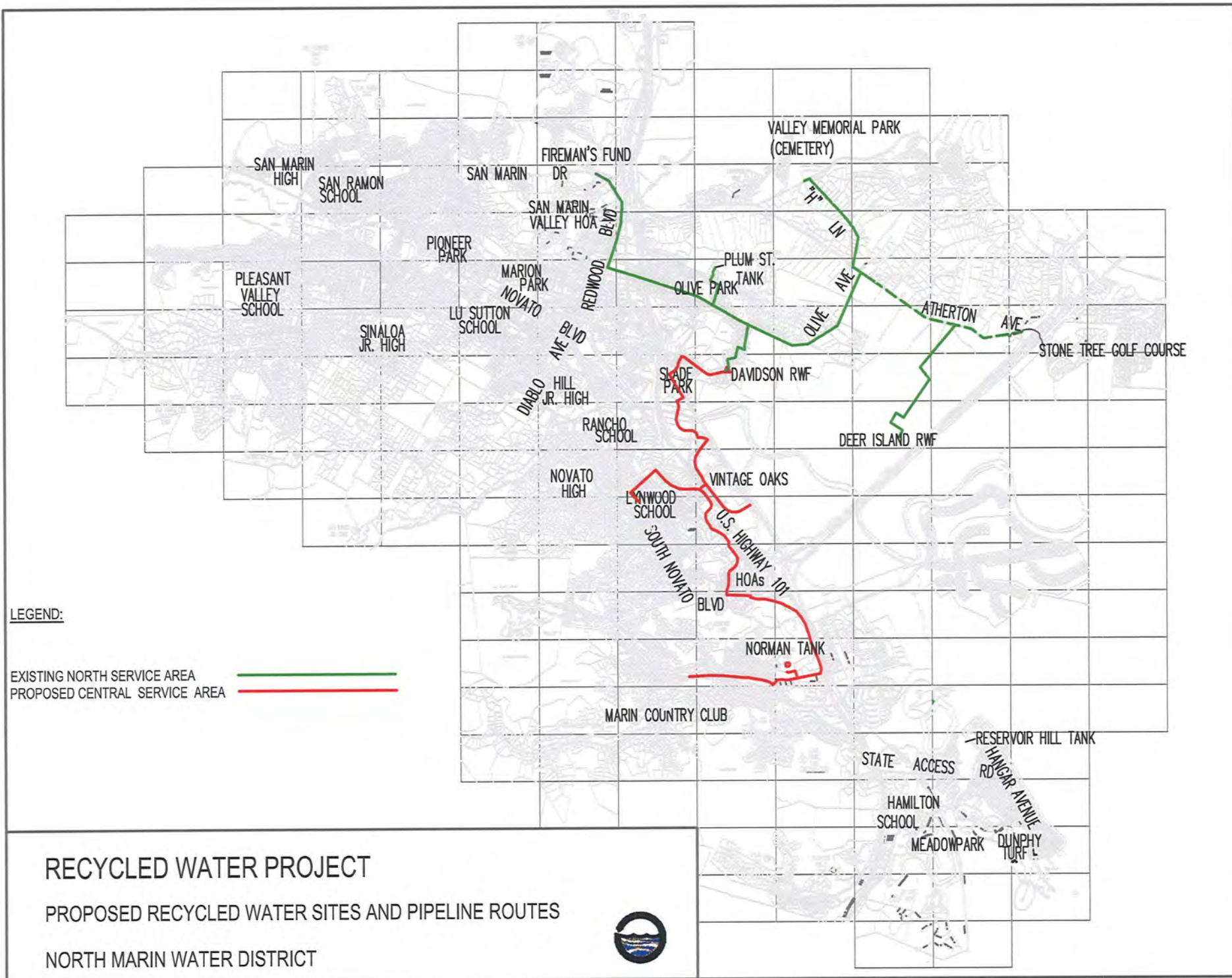
#### Project Financing and Update

The overall Recycled Water Central Service Area Project is expected to receive a minimum of \$1.5 M from the Bureau of Reclamation's WaterSMART Title XVI Program. The SRF loan application will request sufficient funds to finance the bulk of the remaining project cost. In addition, the MOU executed with Marin Country Club (MCC) on November 6, 2014 obligates MCC to contribute funds to partially fund SRF payments directly tied to the Ignacio extension segment of the project. District staff is also tracking ongoing Bay Area Integrated Regional Water Management Plan (IRWMP) and Prop. 1 grant funding opportunities. A more accurate update on total estimated project costs will be provided to the Board as bids are received for the project.

#### RECOMMENDATION

That the Board authorize submittal of a Financial Assistance Application and adopt the following Resolutions:

1. Approve Authorizing Resolution (Attachment 2)
2. Approve Pledged Revenues and Funds Resolution (Attachment 3)
3. Approve Reimbursement Resolution (Attachment 4)



RESOLUTION NO. 15-

**AUTHORIZING RESOLUTION**

---

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE NORTH MARIN WATER DISTRICT (The "Entity"), AS FOLLOWS:

The General Manager (the "Authorized Representative") or designee is hereby authorized and directed to sign and file, for and on behalf of the Entity, a Financial Assistance Application for a financing agreement with the State Water Resources Control Board for the planning, design, and construction of the NMWD Recycled Water Central Service Area project.

The Authorized Representative, or his/her designee, is designated to provide the assurances, certifications, and commitments required for the financial assistance application, including executing a financial assistance agreement from the State Water Resources Control Board and any amendments or changes thereto.

The Authorized Representative, or his/her designee, is designated to represent the Entity in carrying out the Entity's responsibilities under the financing agreement, including certifying disbursement requests on behalf of the Entity and compliance with applicable state and federal laws.

\* \* \*

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 19<sup>th</sup> day of May 2015, by the following vote:

AYES:

NOES:

ABSENT:

ABSTAINED:

(SEAL)

---

Katie Young, Secretary  
North Marin Water District

## PLEDGED REVENUES AND FUND(S) RESOLUTION

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BE IT RESOLVED the North Marin Water District (The "Entity"), hereby dedicates and pledges revenues of the Novato Water Fund to payment of any and all Clean Water State Revolving Fund and/or Water Recycling Funding Program financing for North Marin Water District Recycled Water Central Service Area, CWSRF Project Number 8086-110 (the "Project"). The Entity commits to collecting such revenues and maintaining such fund(s) throughout the term of such financing and until the entity has satisfied its repayment obligation thereunder unless modification or change is approved in writing by the State Water Resources Control Board. So long as the financing agreement(s) are outstanding, the Entity's pledge hereunder shall constitute a lien in favor of the State Water Resources Control Board on the foregoing fund(s) and revenue(s) without any further action necessary. So long as the financing agreement(s) are outstanding, the Entity commits to maintaining the fund(s) and revenue(s) at levels sufficient to meet its obligations under the financing agreement(s).

\* \* \*

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 19<sup>th</sup> day of May 2015, by the following vote:

AYES:

NOES:

ABSENT:

ABSTAINED:

(SEAL)

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Katie Young, Secretary  
North Marin Water District

## RESOLUTION 15-

### REIMBURSEMENT RESOLUTION

WHEREAS, the North Marin Water District (the "Agency") desires to finance the costs of constructing and/or reconstructing certain public facilities and improvements relating to its recycled water system, including certain storage facilities, pipelines and other infrastructure necessary for extension of recycled water to the Central Service Area (the "Project"); and

WHEREAS, the Agency intends to finance the construction and/or reconstruction of the Project or portions of the Project with moneys ("Project Funds") provided by the State of California, acting by and through the State Water Resources Control Board (State Water Board); and

WHEREAS, the State Water Board may fund the Project Funds with proceeds from the sale of obligations the interest upon which is excluded from gross income for federal income tax purposes (the "Obligations"), and

WHEREAS, prior to either the issuance of the Obligations or the approval by the State Water Board of the Project Funds the Agency desires to incur certain capital expenditures (the "Expenditures") with respect to the Project from available moneys of the Agency; and

WHEREAS, the Agency has determined that those moneys to be advanced on and after the date hereof to pay the Expenditures are available only for a temporary period and it is necessary to reimburse the Agency for the Expenditures from the proceeds of the Obligations.

NOW, THEREFORE, THE AGENCY DOES HEREBY RESOLVE, ORDER AND DETERMINE AS FOLLOWS:

SECTION 1. The Agency hereby states its intention and reasonably expects to reimburse Expenditures paid prior to the issuance of the Obligations or the approval by the State Water Board of the Project Funds.

SECTION 2. The reasonably expected maximum principal amount of the Project Funds is \$10,000,000.

SECTION 3. This resolution is being adopted no later than 60 days after the date on which the Agency will expend moneys for the portion of the Project costs to be reimbursed with Project Funds.

SECTION 4. Each Agency expenditure will be of a type properly chargeable to a capital account under general federal income tax principles.

SECTION 5. To the best of our knowledge, this Agency is not aware of the previous adoption of official intents by the Agency that have been made as a matter of course for the purpose of reimbursing expenditures and for which tax-exempt obligations have not been issued.

SECTION 6. This resolution is adopted as official intent of the Agency in order to comply with Treasury Regulation §1.150-2 and any other regulations of the Internal Revenue Service relating to the qualification for reimbursement of Project costs.

SECTION 7. All the recitals in this Resolution are true and correct and this Agency so finds, determines and represents.

\* \* \*

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 19<sup>th</sup> day of May 2015 by the following vote:

AYES:

NOES:

ABSENT:

ABSTAINED:

---

Katie Young, Secretary  
North Marin Water District

(SEAL)

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## MEMORANDUM

To: Board of Directors  
From: David L. Bentley, Auditor-Controller  
Subj: Claim Settlement - CSAA Subrogation  
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May 15, 2015

**RECOMMENDED ACTION: Approve****FINANCIAL IMPACT: \$17,500 Expense**

At the January 6, 2015 meeting staff advised the Board that a home on McClelland Drive (off of Olive Avenue) suffered water damage on December 26, 2014 when a District Field Service Representative erroneously turned the water on while the upstairs plumbing was torn apart. The homeowner filed a claim with their homeowner insurance carrier, CSAA, who repaired the damage. CSAA subsequently made a claim against the District, asking for reimbursement of their cost - \$22,990. The repair included asbestos removal, living room ceiling replacement, upstairs carpet replacement, and hotel expense for the homeowners while some of the repair work was being performed.

The District's Risk Manager, Dan Blanquie, President of DB Claims, personally handled this claim and, using his expertise and negotiating skills, convinced CSAA to settle their subrogation claim for \$16,000. As a gesture of good-faith, the District has already reimbursed the homeowner for the \$500 policy deductible. Thus, a payment to CSAA of \$15,500 will settle the claim.

The District's Liability Claims Processing Procedure requires that any liability claim settlement exceeding \$10,000 receive Board approval. Once authorized, Mr. Blanquie will obtain a full release from CSAA before the \$15,500 payment is made. Mr. Blanquie's fee will be approximately \$1,500. Total claim expense is then \$17,500 (\$500 deductible, \$15,500 to CSAA and approx \$1,500 to DB Claims).

**Staff Recommendation:**

Approve settlement of CSAA's claim in the amount of \$15,500.

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## MEMORANDUM

To: Board of Directors  
From: Pablo Ramudo, Water Quality Supervisor *PR*  
Subject: Third Quarter FY 14/15 – Water Quality Report  
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May 15, 2015

**RECOMMENDED ACTION:** Information**FINANCIAL IMPACT:** \$0

The water served to the communities of Novato and Point Reyes met federal and state primary and secondary water quality standards during the third quarter of fiscal year 2014-2015.

Following is a review of the activities and water quality issues in regards to:

- Source Water
- Treatment Performance
- Distribution System Water Quality
- Novato Recycled Water

**NOVATO SYSTEM****Source Water: Stafford Lake**

Stafford Lake water was used as a source of drinking water beginning on February 2<sup>nd</sup> 2015. Water quality was monitored on a weekly basis for chemical and mineral components as well as microbiological activity.

Algae and plankton from the raw water intake were identified and enumerated. Total algae numbers were relatively low as is typical in winter months. Of the four species present in appreciable numbers, a cyanobacterium which produces a compound that affects taste and odor was most numerous, with two small blooms in January and March.

**Treatment Performance: Stafford Treatment Plant**

Total organic carbon (TOC) removal remained well above the 35% requirement of the Enhanced Surface Water Treatment Rule. Operators were able to achieve from 64-73% removal throughout the quarter. Finished water TOC concentration was above the district's goal of 2.0 mg/L, ranging between 2.1 – 2.8 mg/L. The majority of TOC removal was accomplished through optimized coagulation and filtration.

### **Distribution System: Novato**

Of the 242 routine samples collected for compliance with the Total Coliform Rule, there were no coliform positive samples this quarter. Chlorine residual concentrations throughout our distribution system were good.

Average disinfection by-product concentrations were well below the maximum contaminant limit (MCL) and on par with values seen at this time of year.

Our scaled back flushing program took place over the entire quarter with a two man crew performing the majority of the work as time allowed. Only zone one was flushed this year. There were areas that had a large amount of typical sediment and discolored water. The buildup may have been heavier this year due to the lack of pH adjustment in water delivered by SCWA for much of 2014.

## **POINT REYES SYSTEM**

### **Source Water: Coast Guard Wells**

Raw water quality was good throughout quarter. Levels of constituents associated with salt water intrusion were elevated and fluctuated for most of the quarter then began to fall. Chloride ranged from 33-123 mg/L while sodium ranged from 40-67 mg/L. Bromide ranged from 125-420 ug/L.

### **Treatment Performance: Point Reyes Treatment Plant**

Treatment was optimal throughout most of the quarter and finished water quality was good. Iron and manganese were not detected in treated water.

### **Distribution System: Point Reyes**

Of 23 routine samples collected for compliance with the Total Coliform Rule, there were no coliform positive samples this quarter. Chlorine residual concentrations throughout our distribution system were good.

Disinfection byproducts were very high in this quarter, primarily due to salinity intrusion. The concentration of Trihalomethanes (THMs) in particular were the highest yet observed in the Point Reyes system. At 109 and 116 ug/L, both locations tested were well above the maximum contaminant limit (MCL) value for THMs of 80ug/L, although this didn't trigger a violation as

### **Distribution System: Point Reyes continued**

compliance with the regulation for these compounds is based on a running annual average.

Over the past few years our tank aeration systems have kept the concentration of these disinfection byproducts at moderate concentrations throughout the year. The aeration systems were not capable of mitigating the concentration of THMs in this quarter. It is not entirely clear why the THMs were so high, as the bromide concentration in the raw water would not indicate such a large increase. The deteriorating condition of Coast Guard Well 2, which recently has accumulated significant sediment and the casing may have collapsed, may have played a role.

The first round of accelerated monitoring for lead and copper took place in January. Samples were collected from 20 homes for this round, double the number as the reduced frequency schedule under which we had been operating since the promulgation of the Lead and Copper Rule. Lead was found above the detection limit of 5 ug/L at only three of these homes. One of these detections was above the action level of 15 ug/L. During this round the action level was not exceeded in the 90<sup>th</sup> percentile of samples collected. Another round of testing will begin in June 2015 after which the State Water Resources Control Board Division of Drinking Water (formerly Department of Public Health) will consider whether additional treatment is indicated.

### **NOVATO RECYCLED WATER**

#### **Deer Island Recycled Water Facility**

The Deer Island plant did not produce water during the quarter.



# North Marin Water District- 3rd Quarter FY2014/2015

## Bacteriological Quality Monitoring

Novato: 242 Samples Analyzed. No samples positive for coliform bacteria  
 Point Reyes: 23 Samples analyzed. No samples positive for coliform bacteria.

## Chemical Quality Monitoring

Constituent	Units	Maximum Contaminant level	SCWA North Marin Aqueduct	Stafford Treatment Plant	Point Reyes Treatment Plant
Conductivity	umhos/cm	900 *	380	320	360
TDS	mg/L	500 *	184	179	NA
Hardness	mg/L	-	NA	85.1	77.8
Alkalinity	mg/L	-	145	164	110
Calcium	mg/L	-	25.8	16.2	9.12
Magnesium	mg/L	-	16.3	10.6	12.3
Copper	mg/L	1.0*	ND	ND	ND
Iron	mg/L	0.3*	ND	ND	ND
Manganese	mg/L	0.05 *	ND	ND	ND
Zinc	mg/L	5.0 *	ND	ND	ND
Sodium	mg/L	-	20.2	28.8	41
Chloride	mg/L	250 *	7.71	50.6	34.6
Sulfate	mg/L	250 *	16	10.5	11.3
Fluoride	mg/L	2.0 (1.4-2.4)	0.10	0.12	0.11
Nitrite as N	mg/L	1.0	ND	ND	ND
Nitrate as N	mg/L	10	0.59	1.1	0.12
pH	pH units	8.5 *	8.39	8.44	7.28
Turbidity	NTU	5	0.05	0.22	0.14
Color	PCU	15	<2.5	<2.5	<2.5
Free Chlorine	mg/L	4.0	0.75	1.20	0.94
Total Chlorine	mg/L	4.0	0.81	1.38	1.02
Temperature	° C	-	14.8	14.4	13.3
Odor	TON	3	<1	<1	<1

\*Indicates secondary drinking water standard

ND = Not Detected  
 NA = Not Analyzed

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MEMORANDUM

To: Board of Directors

May 15, 2015

From: David L. Bentley, Auditor-Controller

Subj: Second Review – Proposed FY 2015/16 Novato Water Equipment Budget

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**RECOMMENDED ACTION: Provide Direction to Staff**

**FINANCIAL IMPACT: None at this time. \$199,000 proposed for June 16 Public Hearing**

Since the April 21 review, no changes have been made to the proposed FY16 Equipment Budget.

Following is a chart showing ten years of equipment purchases history (A), and a five-year vehicle and equipment replacement plan (B).

A public hearing and approval of the Equipment Budget is scheduled for June 16, 2015.

**Proposed**  
**Equipment Expenditures**  
**Fiscal Year 2015/2016 Budget**

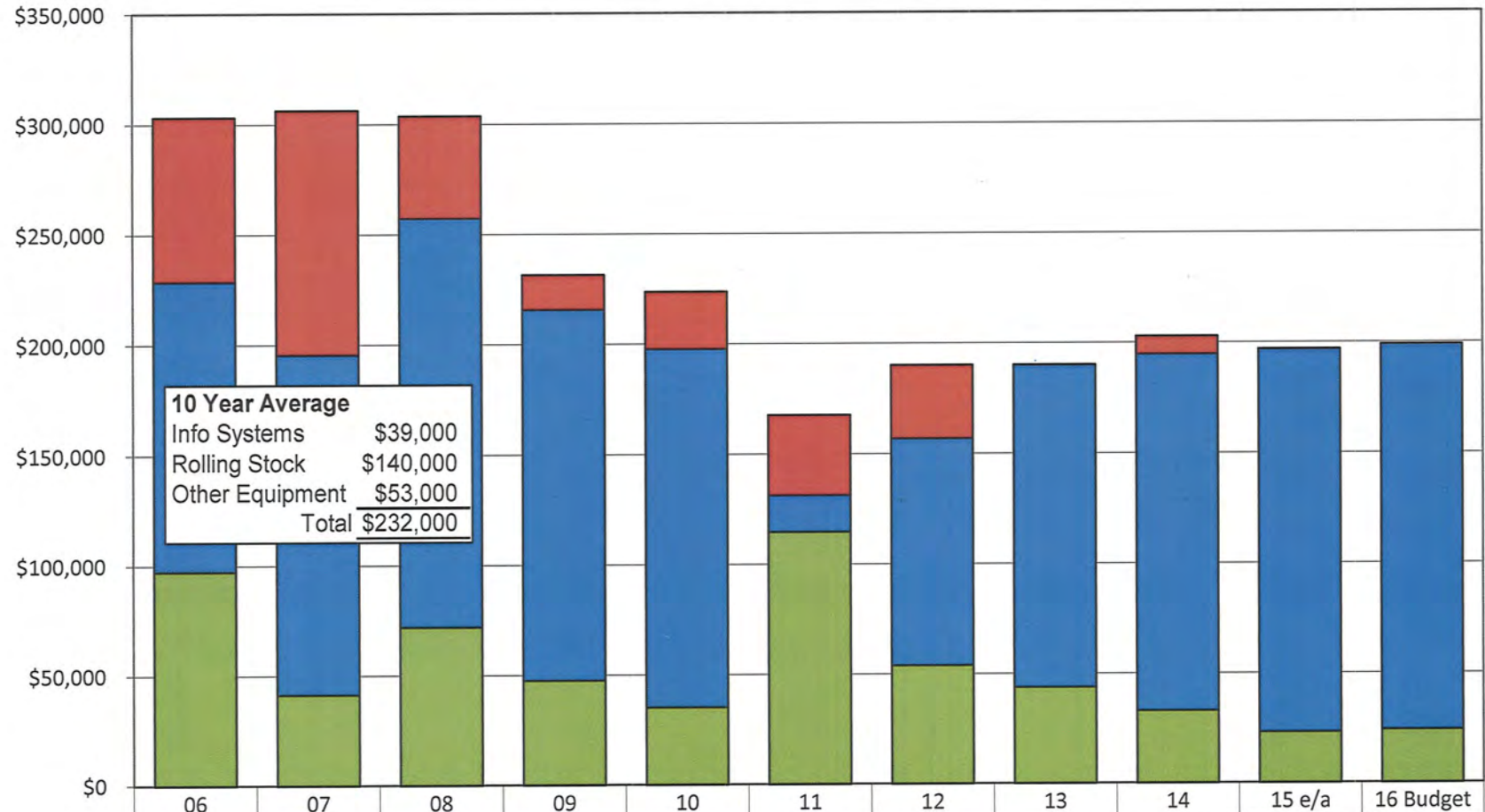
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		<b>Proposed</b>	<b>Description</b>
<b>1 CONSTRUCTION</b>			
12107.01.00	a. Fittings & Hose for Emergency Hose Trailer	\$6,000	Additional Fittings & Hose (1"-6") for Hose Trailer
		<b>\$6,000</b>	
<b>2 ENGINEERING</b>			
	a. Large Format Color Printer	\$12,000	For CAD Drawings - to replace HP800 Plotter which is obsolete and no longer supported
		<b>\$12,000</b>	
<b>3 OPERATIONS/MAINTENANCE</b>			
	a. Tire Balancer	\$6,000	To replace broken 1992 balance with unit that supports a larger variety of fleet wheels.
		<b>\$6,000</b>	
<b>4 VEHICLE &amp; ROLLING EQUIPMENT EXPENDITURES</b>			
12104.01.00	a. 4x4 Backhoe (Diesel)	\$125,000	To replace '04 JD 310 with 2,445 hours that will be auctioned
12104.01.00	b. 1/2 Ton Pickup w/Tool Box & Radio	25,000	To replace '00 Dakota w/115,000 miles that will be auctioned
12104.01.00	c. 1/2 Ton Pickup w/Tool Box & Radio	25,000	To replace '03 Chevy C1500 w/117,000 miles that will be auctioned
		<b>\$175,000</b>	
<b>Total</b>		<b>\$199,000</b>	

	Adopted Budget	Estimated Actual	Proposed Budget
<b>RECAP</b>	2014/15	2014/15	2015/16
Equipment	\$23,000	\$23,000	\$24,000
Rolling Stock	\$175,000	\$175,000	\$175,000
	<b>\$198,000</b>	<b>\$198,000</b>	<b>\$199,000</b>

# 10 Year History of Equipment Purchases



	06	07	08	09	10	11	12	13	14	15 e/a	16 Budget
Info Systems	\$74,666	\$110,726	\$46,572	\$15,761	\$25,925	\$36,375	\$33,346	\$0	\$8,050	\$0	\$0
Rolling Stock	\$131,185	\$154,281	\$185,181	\$168,055	\$162,696	\$16,671	\$103,057	\$146,305	\$161,834	\$174,000	\$175,000
Other Equipment	\$97,287	\$41,238	\$71,888	\$47,520	\$35,082	\$114,612	\$53,724	\$43,764	\$32,884	\$23,000	\$24,000
Total	\$303,138	\$306,245	\$303,641	\$231,336	\$223,703	\$167,658	\$190,127	\$190,069	\$202,768	\$197,000e	\$199,000

# 5-Year Vehicle and Equipment Replacement Plan

Updated 4/14/2015

FY15/16	New Item Description	Replacement Item Description	Cost
1	Backhoe 4X4 Diesel	#77 2004 John Deere 310 SG	\$125,000
2	1/2 Ton Pickup w/Tool Box and Radio	#58 Ford Ranger moved into pool	\$25,000
3	1/2 Ton Pickup w/Tool Box and Radio	#59 Ford Ranger moved into pool	\$25,000
Total			\$175,000

Note: #77 '04 John Deere Backhoe w/4450 hours, #51 '03 Chevy PU w/117,041 miles and #47 '02 Chevy 4x4 PU w/111,035 miles will be auctioned.

FY16/17	New Item Description	Replacement Item Description	Cost
1	5 Yard Diesel Dump truck	#44 2002 International Dump	\$120,000
2	1/2 Ton 4x4 Pickup w/Tool Box and Radio	#47 2002 Chevy 4x4	\$28,000
3	1/2 Ton Pickup w/Tool Box and Radio	#53 2004 Chevy Pick Up	\$25,000
Total			\$173,000

Note: 44 & 53 will be auctioned.

FY17/18	New Item Description	Replacement Item Description	Cost
1	5 Yard Diesel Dump truck	#52 1996 Ford Super Duty Dump	\$125,000
2	3/4 Ton 4x4 Service Body & Radio	#507 2008 F350 w/Service Body	\$45,000
Total			\$170,000

Note: Truck 19 & 52 be auctioned.

FY18/19	New Item Description	Replacement Item Description	Cost
1	1/2 Ton 4x4 with camper shell, Radio	#49 2003 Dodge Dakota 4X4	\$35,000
2	Hybrid 4X4 SUV	#54 2004 Chevy Xcab	\$65,000
3	Hybrid Car w/ Radio	#510 2009 Toyota Prius	\$30,000
4	1/2 ton V6 2WD w/Tool Box and Radio	#502 2007 3/4 Ton Chevy 4x4	\$25,000
Total			\$155,000

Note: 32, 510 will be auctioned

FY19/20	New Item Description	Replacement Item Description	Cost
1	1/2 ton V6 2WD w/Tool Box and Radio	#505 2008 Ford 3/4 ton 4X4	\$25,000
2	Hybrid 4X4 SUV	#512 2010 Ford 1/2 ton	\$65,000
3	Hybrid Car w/ Radio	#56 2005 Honda Civic	\$30,000
4	Hybrid Car w/ Radio	#57 2005 Honda Civic	\$30,000
Total			\$150,000

Note: 505, 512, 58, 59 will be auctioned


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## MEMORANDUM

To: Board of Directors

May 15, 2015

From: David L. Bentley, Auditor-Controller 

Subj: Second Review - Proposed FY16 &amp; FY17 Novato Capital Improvement Projects Budget

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**RECOMMENDED ACTION:** Review and Provide Direction to Staff**FINANCIAL IMPACT:** None at this time - \$8.0 million FY16 & \$6 million FY17 Gross Expenditure Budget Proposed for Consideration

Presented for your second review is the proposed Capital Improvement Project (CIP) Budget for the Novato service area for fiscal years 2015/16 (FY16) and 2016/17 (FY17). Since the Board's last review, two changes have been made to the proposed CIP budget:

1. The gross outlay for the Aqueduct Energy Efficiency Project has been increased by \$1.8M, all of which increase will be funded by Caltrans. The total AEEP cost is now projected at \$19.3M.
2. Installation of Water Quality Sampling Stations will be completed this fiscal year, and the \$40,000 carryover funding into FY16 has been eliminated. This reduces the proposed FY16 budget by \$40,000.

The net internally funded, or "pay-go" expenditure over the coming two fiscal years is now \$4.4M, down \$203,000 from the Board's previous CIP budget review.

Below is a summary identifying the significant projects (\$500,000 or more) proposed to be undertaken over the next two fiscal years. An explanation of each FY16 project is incorporated into the detail listing attached.

<b>Project</b>	<b>FY16</b>	<b>FY17</b>
Aqueduct Energy Efficiency Project - Hwy 101 <sup>1</sup>	\$3,890,000	\$0
San Mateo 24" Inlet/Outlet Pipe	150,000	655,000
Radio Read Meter Retrofit (Pilot Study/Installation) <sup>2</sup>	500,000	2,500,000
Office/Yard Building Refurbish <sup>3</sup>	1,500,000	1,500,000
Other Projects	<u>2,000,000</u>	<u>1,325,000</u>
<b>Gross Project Outlay</b>	<b>\$8,040,000</b>	<b>\$5,980,000</b>
Less Loan/Grant Funding	<u>(5,613,000)</u>	<u>(4,000,000)</u>
<b>Net Project Outlay (internally funded)</b>	<b><u>\$2,427,000</u></b>	<b><u>\$1,980,000</u></b>

<sup>1</sup> The Aqueduct Energy Efficiency Project is funded with a \$7M 3.5% Bank loan, \$11.9M in Caltrans reimbursement and \$277,000 local share.

<sup>2</sup> \$5M Radio Read Meter Retrofit to be funded by an SRF or bank loan.

<sup>3</sup> \$3M Office/Yard Building Refurbish to be funded by a bank loan.

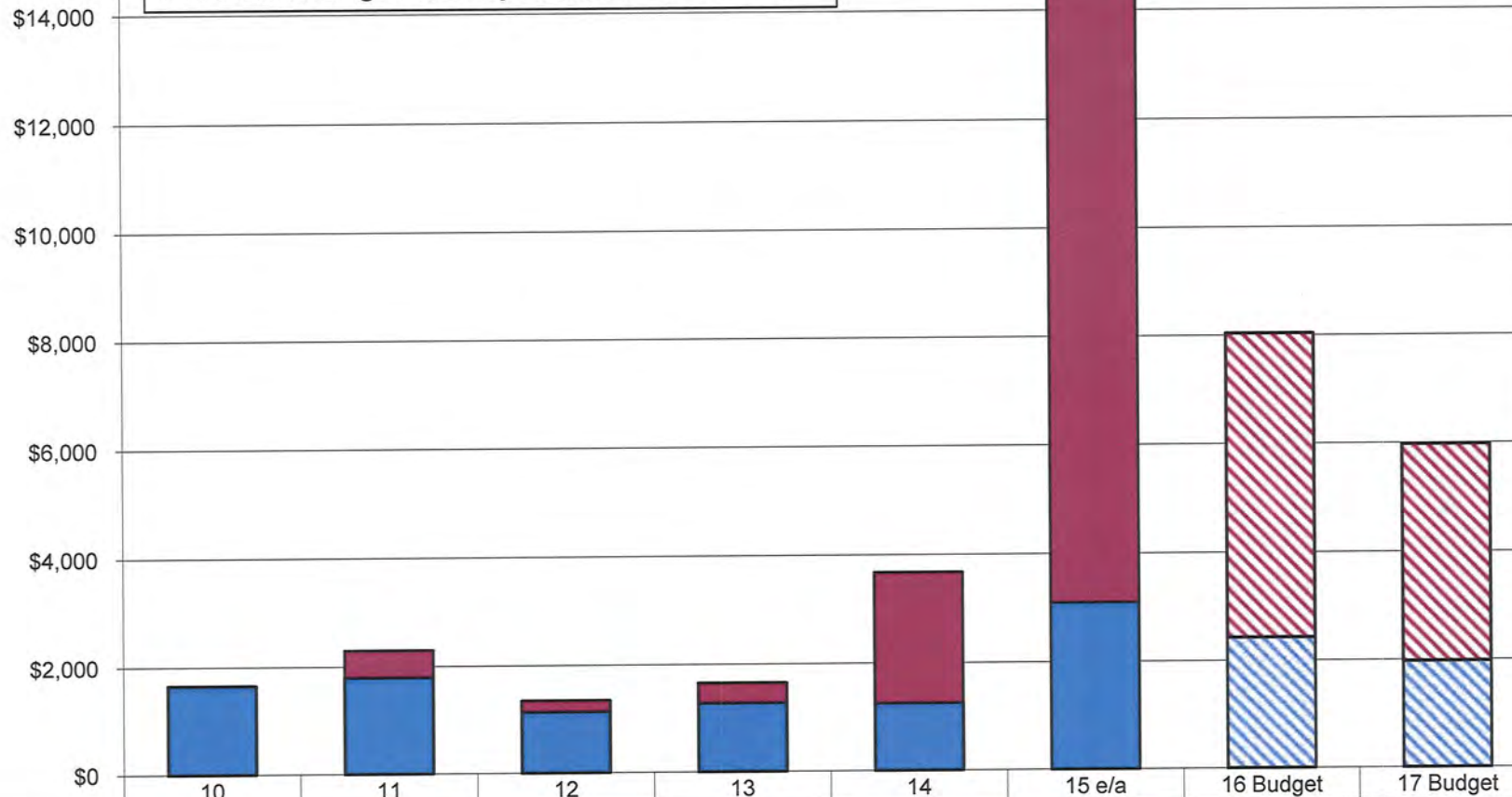
Novato Water's CIP expenditure plan, when viewed over the current fiscal year and the next five years, averages \$2.3 million annually in internally funded projects, which is below the \$2.5M cap approved by the Board in February 2013 in response to the updated 2012 Novato Water Master Plan.

A public hearing for final budget review and approval is scheduled for June 16, 2015.

## Novato Water Capital Improvement Project Expenditures

Thousands  
\$16,000

FY10-15 Average Internally Financed = \$1.7 million  
FY15 &16 Average Internally Financed = \$2.2 million



Debt/Grant Financed	10	11	12	13	14	15 e/a	16 Budget	17 Budget
	\$0	\$500	\$215	\$377	\$2,424	\$11,740	\$5,613	\$4,000
Internally Financed	\$1,654	\$1,796	\$1,132	\$1,277	\$1,253	\$3,100	\$2,427	\$1,980
Total	\$1,654	\$2,297	\$1,347	\$1,653	\$3,677	\$14,840	\$8,040	\$5,980

**Proposed Novato Water Capital Improvement Projects**

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		FY16	FY17	FY16 Project Description
<b>1. PIPELINE REPLACEMENTS/ADDITIONS</b>				
	<b>a.</b>	<b>Main/Pipeline Replacements</b>		
1.7067.20	1	So Novato Blvd - Rowland to Sunset (12" CI @ 1,000')	\$400,000	3rd year of 3-year project to replace Cast Iron Pipe at the end of its useful life.
	2	Ridge Road 6" ACP (8"@1,400')	\$300,000	
			<u>\$400,000</u>	<u>\$300,000</u>
	<b>b.</b>	<b>Main/Pipeline Additions</b>		
1.7145.00	1	Zone A Pressure Improvements - Ignacio	\$150,000	Upsize Bel Marin Keys Intertie to enhance water delivery to the south service area.
1.7150.00	2	San Mateo 24" Inlet/Outlet Pipe	\$150,000	2nd year of a multiyear project to install a new 24-inch, 2,000 foot long pipeline from San Mateo Tank to the end of Palmo Way to improve fire flow in the northern most part of Zone 2
			<u>\$300,000</u>	<u>\$655,000</u>
	<b>c.</b>	<b>Polybutylene Service Line Replacements</b>		
	1	Replace PB in Sync w/City Paving (30 Srvcs	\$70,000	PB service replacement coordinated with City Overlay Program
	2	Other PB Replacements (60 Services)	\$200,000	
			<u>\$70,000</u>	<u>\$270,000</u>
	<b>d.</b>	<b>Relocations to Sync w/City &amp; County CIP</b>		
1.8737.xx	1	Other Relocations	\$80,000	Relocate facilities for yet to be identified City/County Projects
			<u>\$80,000</u>	<u>\$80,000</u>
1.7118.01-21	<b>e.</b>	<b>Aqueduct Replacements/Enhancements (Note 1)</b>		
	1	Energy Efficiency Proj-Hwy 101 Widening	\$3,890,000	Completion of North Marin Aqueduct upsizing/relocation
			<u>\$4,740,000</u>	<u>\$1,305,000</u>

**Proposed Novato Water Capital Improvement Projects**

5/12/15

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		FY16	FY17	FY16 Project Description	
2. SYSTEM IMPROVEMENTS					
1.7008.11	a.	RTU Upgrades	\$15,000	\$15,000	FY17 will complete the replacment of aging and unreliable RTUs
	b.	Flushing Taps at Dead-Ends (12 biennially)	\$50,000		Ongoing replacement program
1.7007.09	c.	DCA Repair/Replace (~14/yr)	\$190,000	\$190,000	Detector Check Assembly replacements
1.7090.02	d.	Anode Installations (150/yr)	\$30,000	\$30,000	Place anodes on copper laterals for corrosion protection
1.7132.01	e.	Radio Telemetry	\$25,000	\$25,000	Install radio transmitters to replace leased lines
1.7054.05	f.	Inaccurate High Use Meter Replacement	\$10,000	\$10,000	Evaluate large meters to assure accuracy
1.7137.00	g.	Backflow Device Upgrade - BMK (15 Srvcs/yr)	\$30,000		Replace DCVs with above grade RPP devices
1.7146.00	h.	Tank Access Hatch/Level Alarms (15 Sites)	\$35,000	\$35,000	Remote alarm notification of unauthorized entry at tank sites
1.7136.00	i.	Facilities Security Enhancements		\$25,000	
	j.	Automate Zone Valve (Slowdown Ct)	\$50,000		To provide real-time operation of Zone 2 pressure and flow when STP goes on & off
	k.	Radio Read Meter Retrofit (Pilot Study/Install)	\$500,000	\$2,500,000	Pilot Program-\$5M Cellular & Tower Mounted Radio Transmission
			\$935,000	\$2,830,000	
3. BUILDING, YARD, STP. IMPROVEMENTS					
	a.	Administration Building			
	1	Electronic Document Management System	\$150,000		Manage digital document creation, storage, retrieval & expiration.
1.6501.46	2	Office Emergency Generator	\$150,000		Customer service, lab and operations equipment requires an emergency power supply when primary power is interrupted.
	3	Office/Yard Building Refurbish (Note 3)	\$1,500,000	\$1,500,000	Building is 50-years-old and requires significant upgrading.
			\$1,800,000	\$1,500,000	
	b.	Stafford Treatment Plant			
	1	Dam Concrete Repair	\$50,000		Concrete patch repair to west face of the dam
1.6600.82	2	STP Emergency Power Generator	\$150,000		Needed to provide emergency power to the chlorine gas scrubber
	3	Watershed Erosion Control	\$25,000		STRAW, Grossi dairy manure removal and misc. erosion control on the Stafford Lake Watershed.
	4	Remove Old STP Chemical Tanks		\$20,000	
	5	Lake Backfeed De-Chlor System		\$100,000	
	6	Other Treatment Plant Improvements		\$75,000	
			\$225,000	\$195,000	
			\$2,025,000	\$1,695,000	

**Proposed Novato Water Capital Improvement Projects**

5/12/15

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		FY16	FY17	FY16 Project Description
<b>4. STORAGE TANKS/PUMP STATIONS</b>				
	a.	Hydropneumatic Tank Repairs	\$60,000	Inspect/Repair the 7 tanks in compliance with State Code
1.6112.24	b.	Lynwood P.S. Motor Control Center	\$120,000	Move motor controls above-ground.
1.6222.23	c.	Sunset Tank Cl2 Mixing System	\$90,000	Chlorine mixing system to enhance water quality.
1.6141.00	d.	Crest PS(Design/Const)/Reloc School Rd PS	\$70,000	Design phase of Crest zone pump station.
			<u>\$340,000</u>	<u>\$150,000</u>

**SUMMARY - GROSS PROJECT OUTLAY**

GROSS PROJECT OUTLAY	<u>\$8,040,000</u>	<u>\$5,980,000</u>
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**LESS FUNDED BY LOANS/GRANTS/OTHER**

a.	AEEP - Hwy 101 Widening (Note 1)	(\$3,613,000)	\$0	Funded by Bank Loan & Caltrans Reimbursement
b.	Radio Read Meter Retrofit (Note 2)	(\$500,000)	(\$2,500,000)	Funded by SRF or Bank Loan
c.	Office/Yard Building Refurbish (Note 3)	(\$1,500,000)	(\$1,500,000)	Funded by Bank Loan
		<u>(\$5,613,000)</u>	<u>(\$4,000,000)</u>	

NET PROJECT OUTLAY	<u>\$2,427,000</u>	<u>\$1,980,000</u>
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Total Number of Projects	26	18
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Note 1 - Aqueduct Energy Efficiency Project funded by \$7M bank loan, \$9.9M in Caltrans reimbursement, and \$300,000 local contribution.

Note 2 - Radio Read Meter Retrofit to be funded by SRF or Bank Loan

Note 3 - Office/Yard Refurbish to be funded by Bank Loan

**Studies carried under Admin Operating Expense (Novato)**

a.	Stafford Dam Emergency Action Plan	\$40,000	
b.	Hydropneumatic Tank Inspections	\$50,000	
c.	2015 Urban Water Management Plan	\$10,000	
d.	Insured Property Valuation Assessment	\$40,000	
e.	Local Water Supply Enhancement Study	\$100,000	\$100,000
f.	Retiree Health Liability Actuarial Update	\$5,000	
g.	Novato Water Master Plan Update (every 5 yrs)	\$85,000	
h.	Deer Island/NSD RW Conjunctive Use Study	\$10,000	
i.	Stafford Lake Bathymetric Study		\$35,000
		<u>\$340,000</u>	<u>\$135,000</u>

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## MEMORANDUM

To: Board of Directors

May 15, 2015

From: David L. Bentley, Auditor-Controller 

Subj: Additional Review - FY 2015/16 Proposed Novato Operations Budget

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**RECOMMENDED ACTION:** Information Only**FINANCIAL IMPACT:** \$24.4 Million Spending Plan Proposed for June 16 Public Hearing**Changes Since the Last Review**

Proposed Novato Operating Budget Water Sales revenue increased by \$140,000 since the Board's initial review at the last meeting as the result of the correction of the average commodity rate that will be charged. In addition, a \$40,000 project to complete installation of Water Quality Sampling Stations was removed from the budget as the project will be completed this fiscal year. The combined impact of these two changes reduces the projected cash deficit next fiscal year by \$180,000. The projected cash deficit is now budgeted at \$907,000

**Budget Summary**

The fiscal year 2015/16 (FY16) budget proposed herein projects a net "bottom line" cash deficit of \$907,000, which amount represents the drawdown of the balance of the Bank of Marin loan reserve for the Aqueduct Energy Efficiency Project (AEEP). A rate increase of 3% is factored into the budget effective June 1, 2015. The 3% increase adds \$540,000 to budgeted revenue during FY16.

The \$907,000 budgeted deficit compares to a FY15 projected cash decrease of \$3.8 million. FY16 water sales volume is again budgeted at 2.7BG, which is in line with the FY15 projected volume. FY15 water consumption is the lowest since 1983.

Looking simply at operating revenue (water sales) less operating expenditures, the FY16 budget projects a net operating income of \$1.6 million, which is 32% below this year's projected net operating income. Total budgeted outlay, which includes capital improvement projects and debt service, is budgeted at \$24.4 million, and is down \$8.4 million from the FY15 budget, due almost entirely to the FY15 expenditure on the AEEP.

**Water Sales** - Water sales volume is budgeted at 2.7BG, which is 4% above the current fiscal year estimated actual and 10% below the 10-year average. The chart on page 6 of the budget document shows a 10-year history of billed consumption.

The proposed 3% rate increase is structured as a 4% increase in the commodity rate

and no increase in the fixed service charge. If approved, the median residential customer would see an average monthly increase of \$1.70. The proposed rate increase would generate \$510,000 in additional revenue next fiscal year.

**Operating Expenditures** are projected to increase 8% (\$1,284,000) from the FY15 budget. Increased cost for labor (including the addition of an Assistant General Manager) and increased purchases of materials, services and supplies are the primary cause of the increase in the budget.

**Staffing** - The proposed budget includes a staffing level of 52.7 full-time equivalent (FTE) employees, up 1.0 FTE (2%) from the current year budget. An Assistant General Manager position is budgeted at \$14,000 per month in anticipation of the General Manager's future retirement. The June 2015 retirement of Engineering Tech IV John Mello, who has been serving in the Storekeeper position for the past four years, will return the position to Administration. The Storekeeper position will be filled by a Construction Laborer, and the Construction Crew is actively recruiting a replacement Laborer. The Engineering Tech IV position will not be filled at this time. A 5% spot adjustment is included for both the Receptionist/Cashier and the Accounting/HR Supervisor, and a promotion to Assistant Pipeworker for one of the Construction Crew Laborers is included. The proposed staffing level of 52.7 FTE is down 6.4 FTE (11%) from the level adopted in the FY08 budget.

<u>FTE Staffing</u>	<u>FY16</u>	<u>FY15</u>	<u>Reason for Change</u>
Administration	9.0	7.0	Assistant GM & Return Storekeeper
Consumer Services	6.0	6.0	
Construction/Maintenance	12.0	12.0	Return Storekeeper to Administration
Engineering	7.7	8.7	
Maintenance	8.0	8.0	
Operations	5.0	5.0	
Water Quality	<u>5.0</u>	<u>5.0</u>	
	<u>52.7</u>	<u>51.7</u>	

For budgeting purposes, a 2.7% cost-of-living salary increase has been factored into the budget effective October 1, 2015, as well as a 1.6% salary increase to offset the negotiated

requirement that employees pay an additional 1.6% of salary toward their retirement benefit. The COLA and CalPERS offset adjustments would increase total salaries by \$150,000, pushing up the total overheaded cost of payroll by \$197,000 (2.7%).

The District's average CalPERS retirement contribution rate will increase 1.9% (to 21.2%) from the amount budgeted last year. Employees will pay a larger share of the retirement obligation, saving \$54,000 in payroll expense. The CalPERS Board is scheduled to approve 2016 group health insurance rates in June. For budgeting purposes, a 7.3% increase in group health insurance rates effective January 1, 2016 is assumed, which is the average rate of increase over the past 10 years, and which would increase budgeted labor cost by \$31,000. The cost for first dollar worker's compensation insurance is budgeted to remain flat. While the District intends to continue self-insuring this coverage, proposals have been requested for standard workers' compensation insurance to provide a current calculation of savings (or loss) accrued through self-insuring this coverage.

Total budgeted operating expenditures are up \$1,284,000 (8%) compared to the adopted FY15 budget. An analysis of the significant differences between the FY15 budget and the proposed FY16 operating budget follows, listed in decreasing order of magnitude.

<b>Component</b>	<b>Increase/ (Decrease) vs. FY15 Budget</b>	<b>FY16 % Change</b>
Labor	\$450,000	8%
Materials, Services & Supplies	307,000	10%
Purchased Water Cost	230,000	5%
Depreciation	200,000	8%
Distributed G&A & Overheads	77,000	12%
Vehicle Expense	20,000	9%
Net Increase	<u>\$1,284,000</u>	<u>8%</u>

This budget draft will be fine-tuned in conjunction with preparation of the West Marin Budgets and will be presented for final review and approval at the June 16 public hearing.

Proposed  
**BUDGET**

*Additional Review*

**Novato**  
**Operating Budget**

FISCAL YEAR

**2015-16**

***NORTH MARIN WATER DISTRICT***

*999 RUSH CREEK PLACE, NOVATO, CA*

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**NOVATO WATER**  
**BUDGET SUMMARY**  
**Fiscal Year 2015/16**

	<b>Proposed Budget 2015/16</b>	<b>Estimated Actual 2014/15</b>	<b>Adopted Budget 2014/15</b>
<b>OPERATING INCOME</b>			
1 Water Sales	<b>\$17,768,000</b>	\$17,232,000	\$17,187,000
2 Wheeling & Misc Service Charges	<b>380,000</b>	348,000	379,000
3 <b>Total Operating Income</b>	<b>\$18,148,000</b>	\$17,580,000	\$17,566,000
<b>OPERATING EXPENDITURES</b>			
4 Source of Supply	<b>\$4,865,000</b>	\$4,870,000	\$4,617,000
5 Pumping	<b>367,000</b>	320,000	365,000
6 Operations	<b>598,000</b>	601,000	542,000
7 Water Treatment	<b>1,974,000</b>	1,677,000	1,891,000
8 Transmission & Distribution	<b>2,705,000</b>	2,592,000	2,675,000
9 Consumer Accounting	<b>593,000</b>	547,000	559,000
10 Water Conservation	<b>451,000</b>	445,000	445,000
11 General Administration	<b>2,301,000</b>	1,645,000	1,676,000
12 Depreciation Expense	<b>2,700,000</b>	2,530,000	2,500,000
13 <b>Total Operating Expenditures</b>	<b>\$16,554,000</b>	\$15,227,000	\$15,270,000
14 <b>NET OPERATING INCOME (LOSS)</b>	<b>\$1,594,000</b>	\$2,353,000	\$2,296,000
<b>NON-OPERATING INCOME/(EXPENSE)</b>			
15 Interest Revenue	<b>\$64,000</b>	\$65,000	\$41,000
16 Miscellaneous Revenue	<b>\$83,000</b>	\$137,000	\$140,000
17 Interest Expense	<b>(510,000)</b>	(525,000)	(538,000)
18 Miscellaneous Expense	<b>(20,000)</b>	(11,000)	(20,000)
19 <b>Total Non-Operating Income/(Expense)</b>	<b>(\$383,000)</b>	(\$334,000)	(\$377,000)
20 <b>NET INCOME/(LOSS)</b>	<b>\$1,211,000</b>	\$2,019,000	\$1,919,000
<b>OTHER SOURCES/(USES) OF CASH</b>			
21 Add Depreciation Expense	<b>\$2,700,000</b>	\$2,530,000	\$2,500,000
22 Connection Fees	<b>538,000</b>	754,000	1,281,000
23 Caltrans AEEP Capital Contribution	<b>2,390,000</b>	7,480,000	8,840,000
24 MMWD AEEP Capital Contribution	<b>245,000</b>	245,000	245,000
25 Loans/Grants	<b>2,000,000</b>	0	0
26 Capital Equipment Expenditures	<b>(199,000)</b>	(197,000)	(198,000)
27 Capital Improvement Projects	<b>(8,040,000)</b>	(14,840,000)	(17,510,000)
28 Debt Principal Payments	<b>(1,035,000)</b>	(1,022,000)	(1,007,000)
29 Connection Fee Transfer to RWS	<b>(717,000)</b>	(816,000)	(737,000)
30 <b>Total Other Sources/(Uses)</b>	<b>(\$2,118,000)</b>	(\$5,866,000)	(\$6,586,000)
31 <b>CASH INCREASE/(DECREASE)</b>	<b>(\$907,000)</b>	(\$3,847,000)	(\$4,667,000)

**NOVATO WATER OPERATING BUDGET DETAIL****Fiscal Year 2014/15**

	Proposed Budget 15/16	Estimated Actual 14/15	Adopted Budget 14/15	Actual 13/14	Actual 12/13	Actual 11/12	Actual 10/11	Actual 09/10
<b>STATISTICS</b>								
1 Active Meters	20,600	20,550	20,550	20,505	20,492	20,490	20,464	20,438
2 Avg Commodity Rate/1,000 Gal (Net)	\$5.05	\$4.88	\$4.84	\$4.66	\$4.32	\$4.05	\$3.82	\$3.50
3 Potable Consumption (BG)	2.70	2.50	2.70	2.95	3.02	2.82	2.79	2.87
<b>OPERATING INCOME</b>								
4 Water Sales	\$17,860,000	\$17,320,000	\$17,300,000	\$17,944,029	\$16,626,526	\$14,220,429	\$12,727,649	\$11,301,674
5 Bill Adjustments	(92,000)	(88,000)	(113,000)	(95,470)	(104,567)	(58,770)	(66,248)	(\$49,842)
6 Sales to MMWD	0	0	0	432,294	0	0	0	0
7 Wheeling Charges-MMWD	120,000	89,000	120,000	100,527	251,980	58,802	53,662	67,180
8 SCWA Water Conservation Reimb	0	0	0	0	0	0	0	21,450
9 Miscellaneous Service Revenue	260,000	259,000	259,000	265,496	223,619	197,752	145,787	140,796
10 <b>TOTAL OPERATING INCOME</b>	<b>\$18,148,000</b>	<b>\$17,580,000</b>	<b>\$17,566,000</b>	<b>\$18,646,876</b>	<b>\$16,997,558</b>	<b>\$14,418,213</b>	<b>\$12,860,850</b>	<b>\$11,481,258</b>
<b>OPERATING EXPENSE</b>								
<b>SOURCE OF SUPPLY</b>								
11 Supervision & Engineering	\$19,000	\$10,000	\$18,000	\$9,698	\$9,103	\$9,064	\$8,965	\$2,007
12 Operating Expense - Source	11,000	10,000	11,000	10,497	6,821	11,488	5,927	5,745
13 Maintenance/Monitoring of Dam	50,000	5,000	34,000	19,438	38,295	25,716	8,290	8,741
14 Maintenance of Lake & Intakes	21,000	0	21,000	11,701	14,481	10,377	8,619	8,072
15 Maintenance of Watershed	41,000	5,000	40,000	17,015	23,405	8,188	2,152	7,352
16 Water Purchased for Resale to MMWD	0	0	0	253,539	0	0	0	0
17 Water Quality Surveillance	13,000	10,000	13,000	13,713	12,776	16,385	12,377	13,138
18 Contract Water - SCWA	4,710,000	4,830,000	4,480,000	5,698,211	5,135,330	5,047,469	3,790,789	3,441,147
19 <b>TOTAL SOURCE OF SUPPLY</b>	<b>\$4,865,000</b>	<b>\$4,870,000</b>	<b>\$4,617,000</b>	<b>\$6,033,812</b>	<b>\$5,240,211</b>	<b>\$5,128,687</b>	<b>\$3,837,119</b>	<b>\$3,486,202</b>
<b>PUMPING</b>								
20 Operating Expense	\$3,000	\$0	\$3,000	\$0	\$0	\$0	\$641	\$8,367
21 Maintenance of Structures/Grounds	39,000	63,000	34,000	46,502	24,115	29,042	17,153	18,600
22 Maintenance of Pumping Equipment	70,000	37,000	71,000	27,696	35,637	50,797	17,354	10,751
23 Electric Power - Pumping	255,000	220,000	257,000	255,711	263,471	204,927	233,222	200,318
24 <b>TOTAL PUMPING</b>	<b>\$367,000</b>	<b>\$320,000</b>	<b>\$365,000</b>	<b>\$329,909</b>	<b>\$323,223</b>	<b>\$284,766</b>	<b>\$268,370</b>	<b>\$238,036</b>
<b>OPERATIONS</b>								
25 Supervision & Engineering	\$170,000	\$237,000	\$162,000	\$219,520	\$187,986	\$185,838	\$185,361	\$176,082
26 Operating Expense	261,000	248,000	216,000	274,893	264,400	255,272	191,713	212,126
27 Maintenance Expense	85,000	16,000	82,000	79,906	101,036	105,545	94,633	84,121
28 Telemetry Equipment/Controls Maint	65,000	83,000	64,000	62,223	44,349	67,936	83,047	67,051
29 Leased Line Expense	17,000	17,000	18,000	17,675	17,921	18,930	20,841	20,547
30 <b>TOTAL OPERATIONS</b>	<b>\$598,000</b>	<b>\$601,000</b>	<b>\$542,000</b>	<b>\$654,217</b>	<b>\$615,692</b>	<b>\$633,521</b>	<b>\$575,595</b>	<b>\$559,927</b>

# NOVATO WATER OPERATING BUDGET DETAIL

## Fiscal Year 2014/15

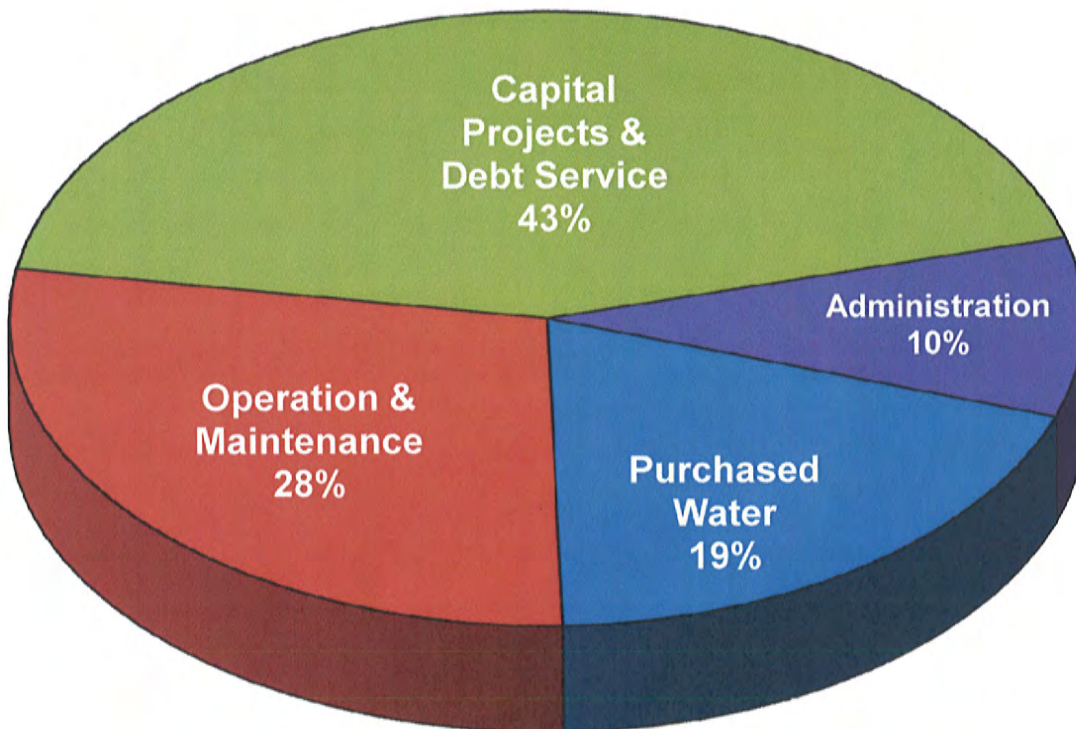
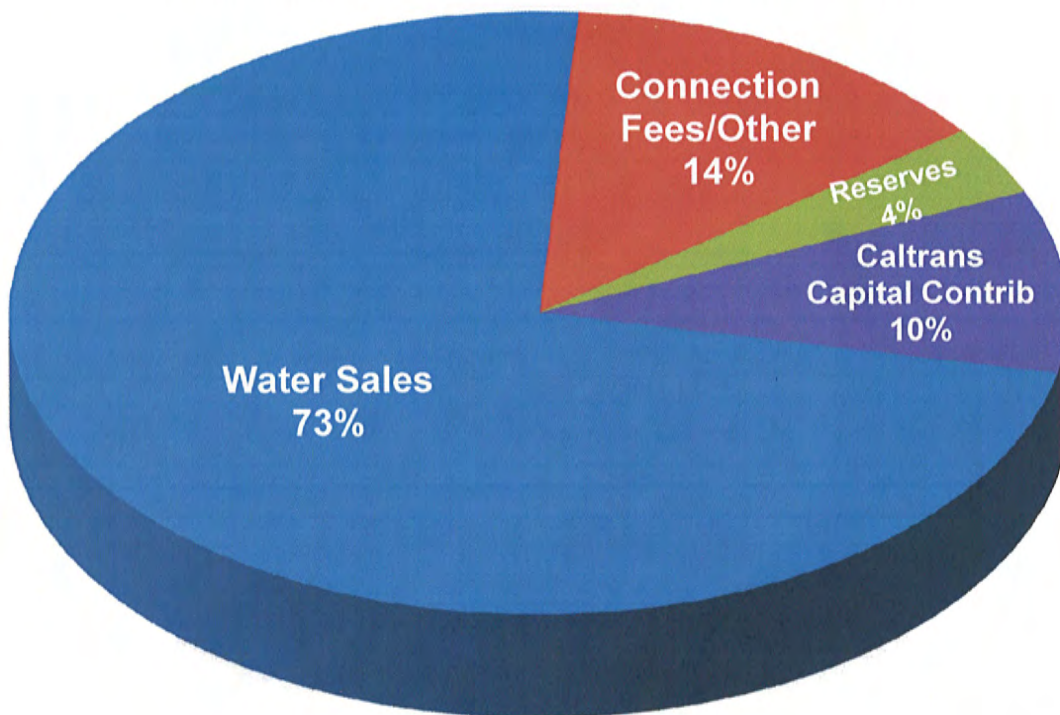
		Proposed Budget 15/16	Estimated Actual 14/15	Adopted Budget 14/15	Actual 13/14	Actual 12/13	Actual 11/12	Actual 10/11	Actual 09/10
<b>WATER TREATMENT</b>									
31	Supervision & Engineering	\$98,000	\$125,000	\$94,000	\$111,096	\$112,612	\$100,916	\$121,459	\$122,312
32	Operating Expense	286,000	249,000	265,000	285,050	308,301	206,957	320,882	365,305
33	Purification Chemicals	425,000	263,000	425,000	316,762	400,627	253,797	464,140	415,486
34	Sludge Disposal	87,000	61,000	85,000	66,085	103,196	100,861	84,618	69,209
35	Maintenance of Structures/Grounds	76,000	76,000	82,000	60,148	52,242	82,839	71,772	83,411
36	Purification Equipment Maintenance	140,000	106,000	130,000	137,838	137,793	136,782	105,217	157,642
37	Electric Power - Treatment	134,000	129,000	132,000	135,637	112,767	114,184	128,913	129,930
38	Laboratory Expense (net)	728,000	668,000	678,000	655,315	602,901	568,124	517,044	495,239
39	<b>TOTAL WATER TREATMENT</b>	<b>\$1,974,000</b>	<b>\$1,677,000</b>	<b>\$1,891,000</b>	<b>\$1,767,931</b>	<b>\$1,830,439</b>	<b>\$1,564,460</b>	<b>\$1,814,045</b>	<b>\$1,838,534</b>
<b>TRANSMISSION &amp; DISTRIBUTION</b>									
40	Supervision & Engineering	\$486,000	\$567,000	\$585,000	\$486,544	\$427,430	\$423,813	\$466,110	\$528,659
41	Maps & Records	139,000	92,000	125,000	77,995	106,669	96,058	74,154	98,187
42	Operation of T&D System	559,000	420,000	507,000	511,708	460,489	478,959	422,375	448,650
43	Storage Facilities Expense	147,000	151,000	141,000	134,352	87,843	140,564	158,247	164,316
44	Maintenance of Valves & Regulators	208,000	174,000	204,000	91,709	117,299	132,239	190,866	190,255
45	Maintenance of Mains	127,000	160,000	110,000	72,176	86,906	49,922	146,814	102,633
46	Backflow Prevention Program	131,000	157,000	104,000	147,878	102,338	84,714	124,121	93,754
47	Maintenance of Copper Services	185,000	220,000	191,000	141,987	175,880	190,698	164,388	199,807
48	Maintenance of PB Service Lines	445,000	441,000	435,000	411,357	483,006	443,509	347,802	263,714
49	Maintenance of Meters	133,000	98,000	129,000	94,418	93,360	135,900	146,170	143,691
50	Detector Check Assembly Maint	67,000	87,000	39,000	52,369	7,581	38,361	36,509	41,557
51	Maintenance of Hydrants	78,000	25,000	105,000	22,154	28,531	33,980	50,354	77,038
52	<b>TOTAL TRANSMISSION &amp; DISTRIBUTION</b>	<b>\$2,705,000</b>	<b>\$2,592,000</b>	<b>\$2,675,000</b>	<b>\$2,244,647</b>	<b>\$2,177,332</b>	<b>\$2,248,717</b>	<b>\$2,327,910</b>	<b>\$2,352,261</b>
<b>CONSUMER ACCOUNTING</b>									
53	Meter Reading & Collection	\$209,000	\$160,000	\$196,000	\$182,216	\$180,030	\$170,589	\$142,581	\$142,956
54	Billing & Accounting	257,000	260,000	249,000	256,653	247,897	282,702	282,046	260,428
55	Contract Billing	19,000	17,000	19,000	17,561	18,110	18,231	18,285	18,590
56	Postage & Supplies	53,000	59,000	63,000	61,791	64,497	63,359	70,347	64,698
57	Credit Card Fees	23,000	24,000	15,000	14,149				
58	Lock Box Service	11,000	10,000	0					
59	Uncollectible Accounts	15,000	15,000	18,000	19,500	23,230	26,685	32,723	35,190
60	Office Equipment Expense	21,000	18,000	15,000	23,905	8,290	8,690	9,835	5,048
61	Distributed to Other Operations	(15,000)	(16,000)	(16,000)	(15,276)	(13,961)	(15,726)	(15,762)	(15,694)
62	<b>TOTAL CONSUMER ACCOUNTING</b>	<b>\$593,000</b>	<b>\$547,000</b>	<b>\$559,000</b>	<b>\$560,499</b>	<b>\$528,093</b>	<b>\$554,530</b>	<b>\$540,055</b>	<b>\$511,216</b>

# NOVATO WATER OPERATING BUDGET DETAIL

## Fiscal Year 2014/15

	Proposed Budget 15/16	Estimated Actual 14/15	Adopted Budget 14/15	Actual 13/14	Actual 12/13	Actual 11/12	Actual 10/11	Actual 09/10
<b>WATER CONSERVATION</b>								
63 Residential	\$346,000	\$375,000	\$337,000	\$362,499	\$222,637	\$213,883	\$338,093	\$438,668
64 Commercial	25,000	10,000	25,000	2,605	1,169	1,414	15,423	2,707
65 Public Outreach/Information	50,000	40,000	53,000	51,638	28,477	41,251	19,047	26,548
66 Large Landscape	30,000	20,000	30,000	12,702	13,966	13,780	10,337	10,695
<b>TOTAL WATER CONSERVATION</b>	<b>\$451,000</b>	<b>\$445,000</b>	<b>\$445,000</b>	<b>\$429,444</b>	<b>\$266,249</b>	<b>\$270,328</b>	<b>\$382,900</b>	<b>\$478,618</b>
<b>GENERAL &amp; ADMINISTRATION</b>								
67 Director's Expense	\$32,000	\$29,000	\$30,000	\$25,300	\$14,400	\$15,000	\$15,100	\$16,200
68 Legal Fees	12,000	10,000	12,000	20,906	10,112	7,098	8,572	59,818
69 Human Resources	34,000	28,000	33,000	28,386	35,917	21,860	32,112	33,080
70 Auditing Services	21,000	18,000	18,000	21,050	20,600	28,900	27,800	31,100
71 Consulting Services/Studies	349,000	115,000	194,000	0	53,327	34,731		
72 General Office Salaries	1,537,000	1,173,000	1,239,000	1,184,164	1,214,210	1,252,684	1,177,170	1,166,410
73 Office Supplies	47,000	25,000	52,000	46,174	37,232	22,743	38,870	47,363
74 Employee Events	12,000	9,000	12,000	7,227	6,204	5,931	4,469	11,366
75 Other Administrative Expense	16,000	13,000	16,000	13,240	18,150	17,254	17,414	20,090
76 Election Cost	70,000	0	0	250	0	250	0	250
77 Dues & Subscriptions	57,000	54,000	54,000	47,842	45,607	49,260	47,775	49,208
78 Vehicle Expense	8,000	8,000	8,000	8,112	8,112	8,118	8,112	8,112
79 Meetings, Conf & Training	185,000	136,000	173,000	117,425	112,402	97,626	101,472	114,985
80 Telephone, Water, Gas & Electricity	39,000	37,000	35,000	33,328	32,995	26,172	29,012	27,203
81 Building & Grounds Maintenance	51,000	52,000	50,000	35,642	41,194	36,438	35,902	53,907
82 Office Equipment Expense	90,000	104,000	102,000	90,231	82,349	89,291	74,325	85,550
83 Insurance Premiums & Claims	103,000	86,000	106,000	72,192	76,473	113,556	118,451	117,023
84 Retiree Medical Benefits	177,000	175,000	156,000	159,691	166,699	160,725	147,084	138,105
85 (Gain)/Loss on Overhead Charges	29,000	29,000	(128,000)	(222,710)	(136,354)	(297,783)	(172,628)	(214,770)
86 G&A Distributed to Other Operations	(181,000)	(110,000)	(120,000)	(76,538)	(77,443)	(101,630)	(104,515)	(100,811)
87 G&A Applied to Construction Projects	(387,000)	(346,000)	(366,000)	(389,569)	(392,205)	(327,881)	(269,439)	(153,213)
88 Expensed Improvement Projects	0	0	0	0	0	0	122,785	1,220,617
89 Expensed Equipment Purchases	0	0	0	0	0	3,383	29,993	31,266
<b>TOTAL GENERAL &amp; ADMINISTRATION</b>	<b>\$2,301,000</b>	<b>\$1,645,000</b>	<b>\$1,676,000</b>	<b>\$1,222,343</b>	<b>\$1,369,981</b>	<b>\$1,263,726</b>	<b>\$1,489,836</b>	<b>\$2,762,859</b>
90 Depreciation Expense	\$2,700,000	\$2,530,000	\$2,500,000	\$2,445,634	\$2,417,032	\$2,372,380	\$2,309,166	\$2,312,339
91 <b>TOTAL OPERATING EXPENSE</b>	<b>\$16,554,000</b>	<b>\$15,227,000</b>	<b>\$15,270,000</b>	<b>\$15,688,436</b>	<b>\$14,768,252</b>	<b>\$14,321,115</b>	<b>\$13,544,996</b>	<b>\$14,539,992</b>
92 <b>NET OPERATING INCOME/(LOSS)</b>	<b>\$1,594,000</b>	<b>\$2,353,000</b>	<b>\$2,296,000</b>	<b>\$2,958,440</b>	<b>\$2,229,306</b>	<b>\$97,098</b>	<b>(\$684,146)</b>	<b>(\$3,058,734)</b>

**NORTH MARIN WATER DISTRICT - NOVATO WATER**  
**FISCAL YEAR 2015-16**  
**SOURCE OF FUNDS = \$24.4 MILLION**

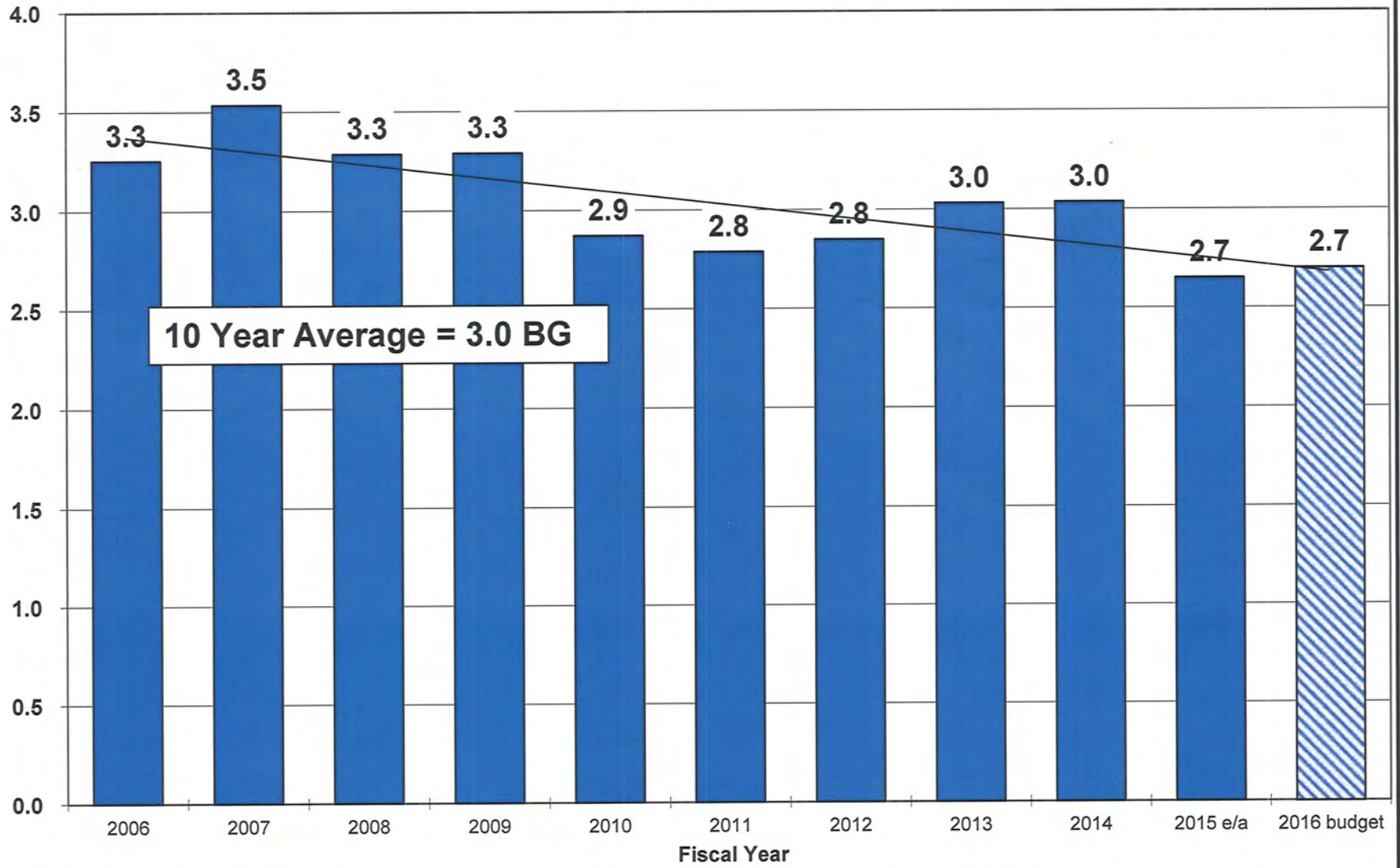


5/14/15

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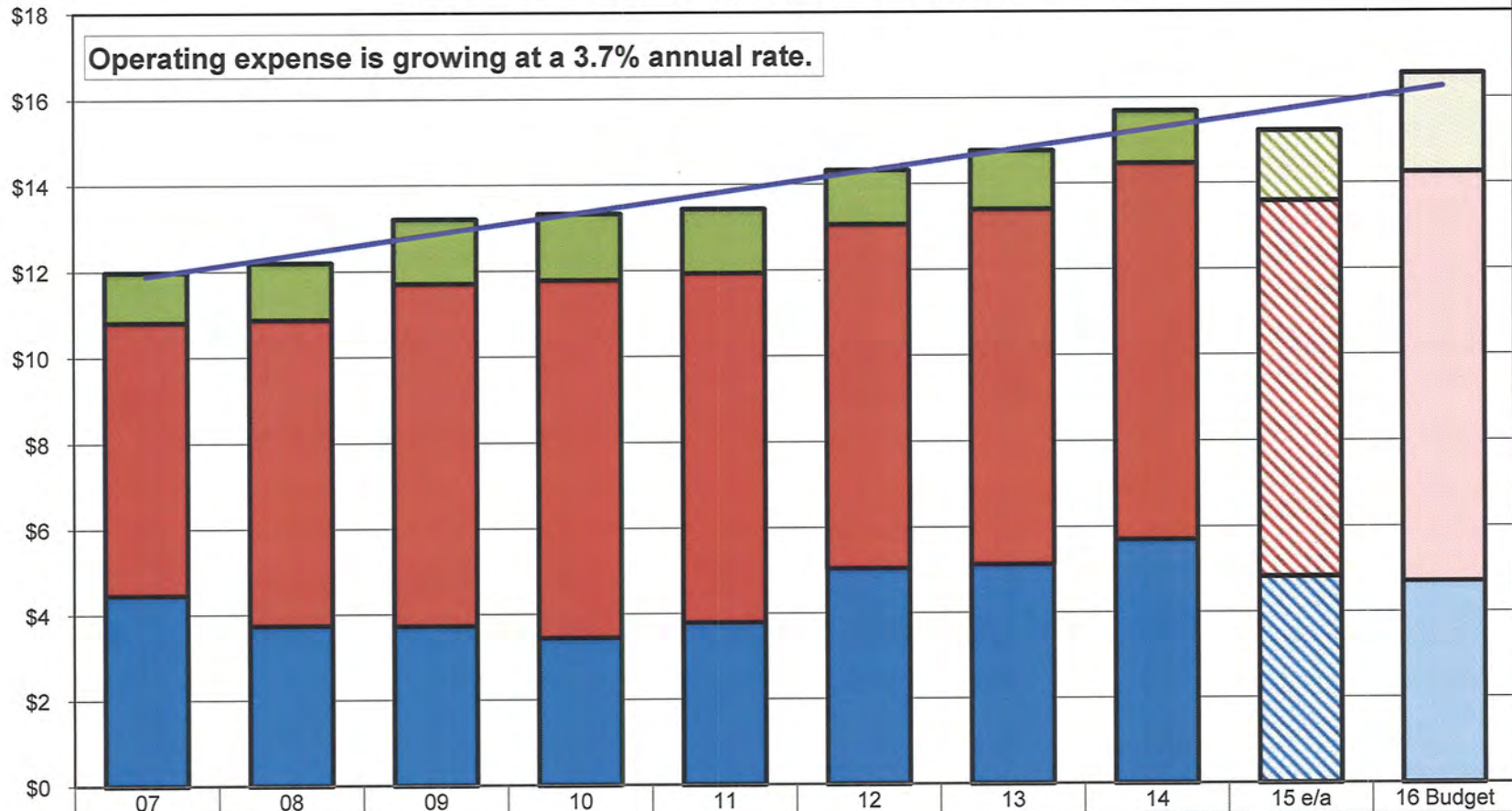
# Novato Water Billed Consumption 10 Year History

Billion  
Gallons



# Novato Water Operating Expense History


Million \$



Fiscal Year

17

## MEMORANDUM

To: Board of Directors  
 From: David L. Bentley, Auditor-Controller   
 Subj: Additional Review – FY 2015/16 Novato Recycled Water System Budget  
t:\aclword\budget\16\rw16 review ii.docx

May 15, 2015

**RECOMMENDED ACTION:** Information Only

**FINANCIAL IMPACT:** \$5 Million FY16 Expenditure Plan

There have been no changes to the proposed Recycled Water Budget since the Board's review at the last meeting.

**Budget Summary**

The FY 2015/16 (FY16) Recycled Water System (RWS) budget projects demand of 147MG next fiscal year (see chart of historical water use attached), a increase of 7MG over the current year estimated actual. Additional demand from Lanham Village and Hamilton Park is anticipated as we work with those homeowner associations to retrofit their irrigation systems and expand recycled water use. Consistent with the potable water rate increase, a 4% commodity rate increase is proposed to be effective June 1, 2015. The proposed increase is projected to generate \$28,000 in additional revenue next fiscal year.

Operating expenses (excluding depreciation) are budgeted to increase 6% (\$22,000) from the existing FY15 budget. The FY16 budget projects purchase of 93.5MG (\$140,000) of tertiary treated water from Novato Sanitary District and 53.5MG (\$80,000) from Las Gallinas Valley Sanitary District at \$1,400/MG. The Deer Island Plant is not budgeted to produce water, but will continue to serve as a backup facility.

The \$11 million project to expand recycled water distribution facilities to central Novato will commence next fiscal year, with \$3.5 million anticipated to be expended over the 12-month period. The District is applying for 1% State Revolving fund loan monies to construct the facilities.

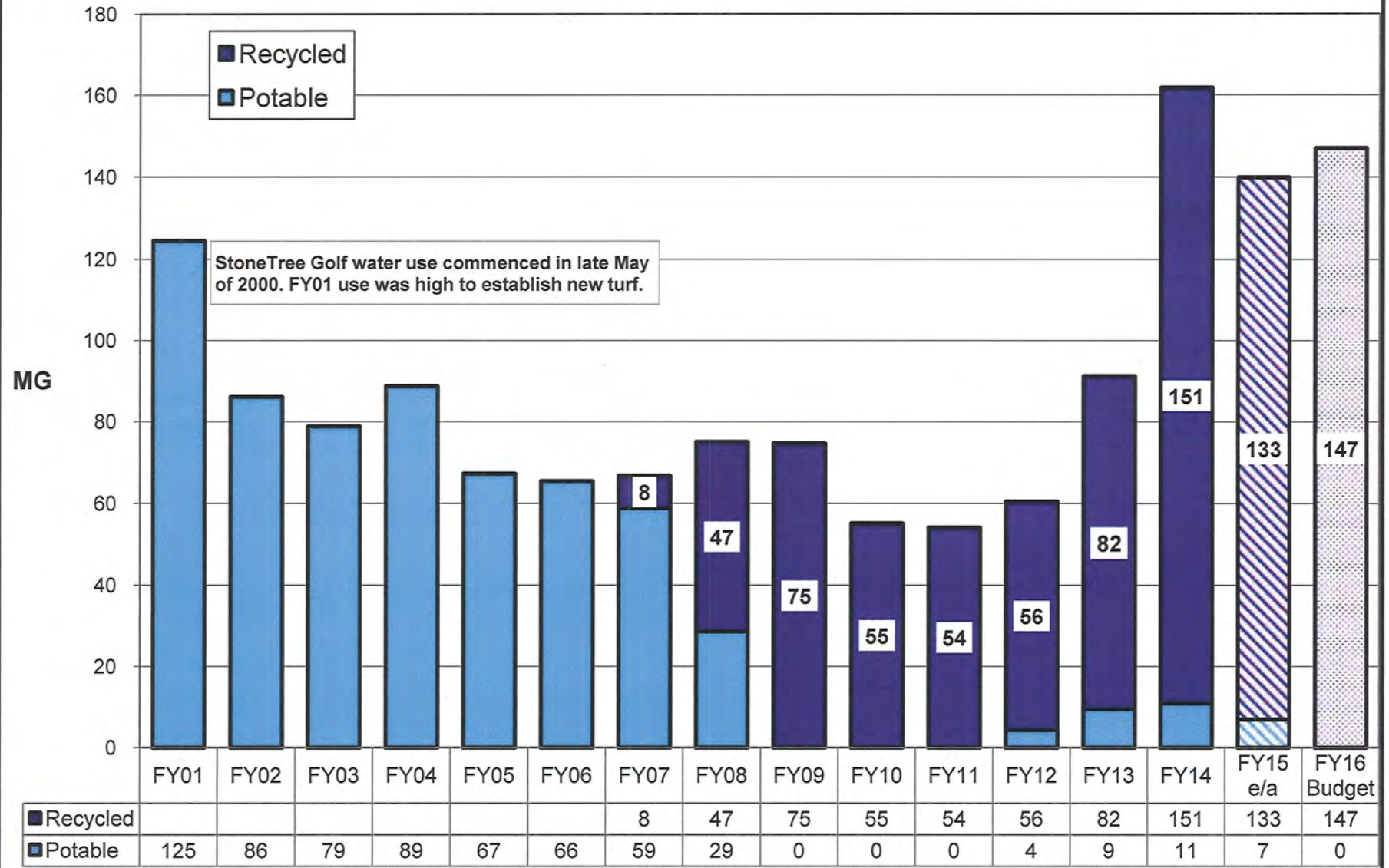
The RWS is budgeted to receive \$717,000 in Connection Fee monies from the Novato potable water system in FY16 to pay for the expansion loan debt service and to cover the \$80,000 cost of the NBWRA's grant administration. With the Connection Fee monies, the proposed budget projects a cash surplus next fiscal year of \$276,000.

As with the Novato budget, staff will continue to fine-tune the RWS budget, and return it for final review and approval at the June 16 meeting.

**NOVATO RECYCLED WATER**  
**BUDGET SUMMARY**  
**Fiscal Year 2015/16**

	<i>Proposed Budget 2015/16</i>	<i>Estimated Actual 2014/15</i>	<i>Adopted Budget 2014/15</i>
<b># BASIC DATA</b>			
1 Active Meters	<b>44</b>	44	47
2 Average Commodity rate	<b>\$4.92</b>	\$4.73	\$4.73
3 Consumption (MG)	<b>147</b>	140	145
<b>OPERATING INCOME</b>			
4 Recycled Water Sales	<b>\$723,000</b>	\$662,000	\$686,000
5 Bimonthly Service Charge	<b>28,000</b>	\$27,000	28,000
6 <b>Total Operating Income</b>	<b>\$751,000</b>	\$689,000	\$714,000
<b>OPERATING EXPENDITURES</b>			
7 Purchased Water - NSD	<b>\$126,000</b>	\$86,000	\$126,000
8 Purchased Water - LGVSD	<b>77,000</b>	82,000	77,000
9 Pumping	<b>8,000</b>	5,000	7,000
10 Operations	<b>40,000</b>	68,000	39,000
11 Water Treatment	<b>21,000</b>	5,000	20,000
12 Transmission & Distribution	<b>32,000</b>	44,000	30,000
13 Consumer Accounting	<b>1,000</b>	1,000	1,000
14 General Administration	<b>62,000</b>	41,000	45,000
15 Depreciation	<b>472,000</b>	472,000	428,000
16 <b>Total Operating Expenditures</b>	<b>\$839,000</b>	\$804,000	\$773,000
17 <b>NET OPERATING INCOME (LOSS)</b>	<b>(\$88,000)</b>	(\$115,000)	(\$59,000)
<b>NON-OPERATING INCOME/(EXPENSE)</b>			
18 Interest Revenue	<b>\$10,000</b>	\$4,000	\$4,000
19 Stone Tree Golf Interest Payments	<b>44,000</b>	49,000	49,000
20 Deer Island SRF Loan Interest Expense	<b>(68,000)</b>	(73,000)	(73,000)
21 Distrib System SRF Loans Interest Exp	<b>(212,000)</b>	(215,000)	(216,000)
22 Engr Report & Conjunctive Use Study	<b>(18,000)</b>	0	(8,000)
23 <b>Total Non-Operating Income/(Expense)</b>	<b>(\$244,000)</b>	(\$235,000)	(\$244,000)
24 <b>NET INCOME/(LOSS)</b>	<b>(\$332,000)</b>	(\$350,000)	(\$303,000)
<b>OTHER SOURCES/(USES) OF FUNDS</b>			
25 Add Depreciation Expense	<b>\$472,000</b>	\$472,000	\$428,000
26 Fed Grant/SRF Loan - Central Expansior	<b>3,500,000</b>	0	0
27 Connection Fees Transferred from Novat	<b>717,000</b>	816,000	737,000
28 Stone Tree Golf Principal Repayment	<b>206,000</b>	201,000	201,000
29 Capital Improvement Projects	<b>(3,680,000)</b>	(217,000)	(125,000)
30 Deer Island SRF Loan Principal Payment	<b>(205,000)</b>	(200,000)	(200,000)
31 Distrib System SRF Loan Principal Pmts	<b>(402,000)</b>	(398,000)	(398,000)
32 <b>Total Other Souces/(Uses)</b>	<b>\$608,000</b>	\$674,000	\$643,000
33 <b>CASH INCREASE/(DECREASE)</b>	<b>\$276,000</b>	\$324,000	\$340,000

## Recycled Water Use History



**Proposed Recycled Water Capital Improvement Projects**

5/12/15

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		FY16	FY17	FY16 Project Description	
5. RECYCLED WATER					
5.7127.00	a.	NBWRA Grant Program Administration	\$80,000	\$80,000	Continued support of NBWRA to obtain/administer recycled water
	b.	Expansion to Central Area (Note 4)	\$3,500,000	\$7,500,000	Install 5.7 miles of pipeline on Ignacio Blvd
	c.	Other Recycled Water Expenditures	\$100,000	\$100,000	Retrofit existng potable irrigation customers to RW
			<u>\$3,680,000</u>	<u>\$7,680,000</u>	
LESS FUNDED BY LOANS/GRANTS/OTHER					
		RW Sys Expansion (Note 4)	(\$3,500,000)	(\$7,500,000)	Funded by 1% SRF Loan
		NET PROJECT OUTLAY	<u>\$180,000</u>	<u>\$180,000</u>	
		Total Number of Projects	3	3	
Studies carried under Other Non-Operating Exp					
	j.	Deer Island/NSD RW Conjunctive Use Study	\$10,000		
	m.	Recycled Water Engineering Report Update	\$8,000		
			<u>\$18,000</u>	<u>\$0</u>	

18

**DISBURSEMENTS - DATED MAY 7, 2015**

Date Prepared 5/5/15

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

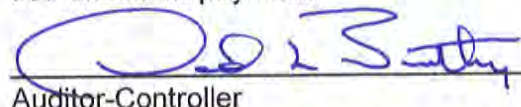
Seq	Payable To	For	Amount
1	101 Office Products	Quarterly Office Toner Order (5 Black, 3 Color \$103)	\$919.68
2	American Gas Products	Emitter & Filters (3) to Empty & Depressurize Aerosol Spray Cans (EPA & OSHA Compliance)	1,375.72
3	Athens Administrators	May Workers' Comp Admin Fee	1,000.00
4	AT&T	April Internet Service @ PRTP	75.00
5	Automation Direct	RTU Parts for Zone A System Improvement Project	923.50
6	Baker, Jack	April Director's Fee (\$410) & North Bay Watershed Assoc Meeting on 4/3/15 (\$205)	615.00
7	Bauer, Fred	Novato "Washer Rebate" Program	50.00
8	Bigall, Heidi	Novato "Washer Rebate" Program	50.00
9	California State Disbursement	Wage Assignment Order	811.50
10	CalPERS Retirement System	Pension Contribution PPE 4/30/15	43,779.47
11	Caltest Analytical Laboratory	Lab Testing	35.00
12	Carpenter, Elizabeth	Novato "Toilet Rebate" Program	100.00
13	Christian, Daniel	Novato "Water Smart Landscape Efficiency" Program Residential	100.00
14		Cafeteria Plan: Uninsured Medical Reimbursement	200.00
15	Cordova, Albert E.	Legal Services: Sales Agreement & Disclosures for 15 Gustafson Court	1,540.00
16	Cummings Trucking	Rock (65 yds) (\$2,401) & Sand (65 yds) (\$3,381)	5,782.69
17	Dawson, Christopher	Refund Alternative Compliance Reg 15 Deposit	945.00

Seq	Payable To	For	Amount
18	DeGabriele, Chris	Exp Reimb: April Mileage	149.50
19	Evoqua Water Technologies	Service on Deionized Water System (Lab)	221.80
20	Filippi, Connie	Exp Reimb: CalPERS Workshop on 4/14/15 in Walnut Creek. Bridge Toll (\$5), Parking (\$12) & Mileage (\$45)	61.85
21	Fraites, Rick	April Director's Fee (\$410) & Congressman Huffman's Environmental Breakfast on 4/20/15 (\$205)	615.00
22	Fyles, Susan	Novato "Toilet Rebate" Program	200.00
23	Golden Gate Petroleum	Gasoline (\$2.44/gal) & Diesel (\$2.66/gal)	2,504.86
24	Grainger	Pressure Transducer, Multi Pair Wire (500') (\$272) & 36" Anti-Slip Stair Tread (20) (\$2,192) (STP)	2,674.05
25	Hardy Diagnostics	Brilliant Green Bile Broth (2) (Lab)	246.50
26	Hello Direct	Phone Ear Cushion & Headset Battery (Kane)	48.86
27	Hillside HOA	Novato "Smart Irrigation Controller" Program	1,860.00
28	Hydec Corp	Altitude Valve Pilot Repair Kit	321.94
29	Ingrassia, Chris	Novato "Washer Rebate" Program	50.00
30	Kemira Water Solutions	Ferric Chloride (10 tons) (STP)	5,405.40
31	Larson, Peter	Novato "Hot Water Recirculation System Rebate" Program	75.00
32	Lincoln Life Employer Serv	Deferred Compensation PPE 4/30/15	11,661.35
33	Macdonald Architects	Progress Pymt #5: Engineering Services, Lynwood Pump Station (Balance Remaining on Contract (\$10,107)	1,548.97
34	Maltby Electric	Electrical Conduit, Fittings & Knock Out Bit (\$31)	84.66
35	Manco	Well Level Transmitter to Measure Water Levels (PRTP & Gallagher Well)	1,242.03
36	Marin County Radio Shop	Process FCC License Renewal for 2-Way Mobile Radios	135.00

Seq	Payable To	For	Amount
37	McAghon, Andrew	Lawn-B-Gone Mulching Program (2 Residential - 1400 S.F.)	910.00
38	McLellan, WK	Ridge Road (\$3,688) & Misc Paving	6,890.49
39	Nationwide Retirement Solution	Deferred Compensation PPE 4/30/15	1,325.00
40	Novato, City of	Street Excavation Moratorium Fee (225 Marin Valley Dr)	500.00
41	Novato Sanitary District	February Recycled Water	2,284.11
42	Novato Police Dept	Telephone Answering Service (Feb-April)	600.00
43	NTU Technologies	Polymer Emulsion (2,300 lbs) (STP)	3,703.00
44	Office Depot	Highback Leather Chair (\$327) (Kane) Laser Paper (32 lb -500 sheets) & Chairmat (T. Kehoe) (\$98)	436.82
45	Pace Supply	4" Steel Pipe (80') (\$2,050), 6" & 8" Bell Restrainers (7) (\$700), 2" Valves (8) (\$2,179), Nut & Gaskets (2), Fire Hydrants (4) (\$4,781), Meter Stops (17) (\$572), Couplings (6) (\$378), Valve Test Cocks (9), Bushings (2), Caps (20), Nipples (3), PVC Plugs (17) & Reducer	10,794.26
46	Pacific Utility Products	PG&E Meter Pedestals (2) (Zone A Pressure Improvement)	6,188.36
47	Parkinson Accounting Systems	Accounting Software Support (5/1/15-7/31/15)	1,500.00
48	Peterson Trucks	Mirror Bracket ('15 Int'l 4400) (\$133) (Less Credit Received \$58)	74.81
49	NMWD Petty Cash	Safety Snack (\$39), Mileage, Bridge Toll, Parking (\$10) & Safety Bucks (\$6)	79.40
50	Petterle, Stephen	April Director's Fee	410.00
51	Red Wing Shoe Store	Safety Boots (Stafford)	191.73
52		Cafeteria Plan: Uninsured Medical Reimbursement	118.75
53	Rodoni, Dennis	April Director's Fee (\$410) & WAC/TAC Meeting in Santa Rosa on 4/6/15 (\$205)	615.00

Seq	Payable To	For	Amount
54	Schoonover, John	April Director's Fee Less Deferred (\$360) & North Bay Water Reuse Authority on 4/27/15 (\$205)	565.00
55	Schoenbaum, Mark	Novato "Washer Rebate" Program	50.00
56	Sequoia Safety Supply	Brief Relief Urine Bags (100) (\$231) & Safety Glasses (24)	315.58
57	Shell	Small Tool Fuel (6 gal)	20.00
58	Strahm Communications	Printing of Novato Water Rate Increase Letters & Envelopes (18,700)	9,272.61
59	Thomas Scientific	Safety Gloves (2,000)	142.65
60	United Rentals	Jackhammer Parts	116.17
61	United Parcel Service	Delivery Services: Recycled Water Annual Report, Returned Item Ordered in Error, Sent Pump Cord Back & Sent Backflow Tester for Recalibration	37.94
62	USA BlueBook	Magnetic Stir Bars (2), Potassium Iodide (3) (\$167) & Reagents (11) (\$80) (STP)	281.86
63	Verizon California	DSL Line & Leased Lines	96.65
64	Verizon Wireless	April CIMIS Station Data Transfer Fee	29.01
65	Villamante, James	Novato "Washer Rebate" Program	50.00
66	White & Prescott	Engineering Services: Archibald Monument Replacement & Survey Contract Consulting (\$225) (Balance Remaining on Contract \$18,660)	385.00
67	Wiley Price & Radulovich	March Professional Services (Venegas)	796.50
		<b>TOTAL DISBURSEMENTS</b>	<b><u>\$136,190.03</u></b>

The foregoing payroll and accounts payable vouchers totaling \$136,190.03 are hereby approved and authorized for payment.



Auditor-Controller

5/4/15  
Date



General Manager


5/4/2015  
Date

# NORTH MARIN WATER DISTRICT CHECK REQUEST


PAYEE JOHN SCHOONOVER	
1160 Rosalia Drive	DATE <u>4/22/15</u> (TODAY'S DATE)
Novato, CA 94947	AMOUNT: \$205.00

I attended the NBWA on 4/22/15  
(NAME OF MEETING OR WORKSHOP) (DATE OF MEETING)

and wish to be compensated as provided under the Board Compensation Policy.

  
 SIGNATURE

**CHARGE TO: 56001-01-11**

<b>DISPOSITION OF CHECK</b>  X MAIL TO PAYEE <input type="checkbox"/> HOLD FOR _____ <input type="checkbox"/> OTHER _____   <hr/> APPROVED TO PAY BY     <div style="font-size: small; margin-top: 20px;">T:\FORMS\CHECK REQUEST FOR BOARD.DOC REV. 0213</div>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%; padding: 2px;">Prepared By</td> <td style="width: 20%; padding: 2px;">Accounting Review</td> <td style="width: 20%; padding: 2px;">POST DATE</td> <td style="width: 40%; padding: 2px;">Vendor No.</td> </tr> <tr> <td style="height: 20px;"></td> <td></td> <td></td> <td>SCHO01</td> </tr> </table> <div style="text-align: right; margin-top: -10px;">  <div style="font-size: x-small; display: inline-block; vertical-align: middle;">NORTH MARIN WATER DISTRICT</div> </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <tr> <th style="width: 40%; padding: 2px;">Invoice Number (CK Req ID)</th> <th style="width: 20%; padding: 2px;">Invoice (CK Req) Date</th> <th style="width: 40%; padding: 2px;">Invoice (CK Req) Amount</th> </tr> <tr> <td style="padding: 2px;">CKRQ</td> <td></td> <td style="text-align: right; padding: 2px;">\$205.00</td> </tr> </table> <div style="margin-top: 10px;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 80%; padding: 2px;">NMWD Comment</th> </tr> <tr><td style="height: 20px;"></td></tr> <tr><td style="height: 20px;"></td></tr> <tr><td style="height: 20px;"></td></tr> <tr><td style="height: 20px;"></td></tr> <tr><td style="height: 20px;"></td></tr> </table> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <tr> <th style="width: 40%; padding: 2px;">Job Number</th> <th style="width: 30%; padding: 2px;">GL Account</th> <th style="width: 30%; padding: 2px;">Amount</th> </tr> <tr> <td style="padding: 2px;"></td> <td style="text-align: center; padding: 2px;">56001-01-11</td> <td style="text-align: right; padding: 2px;">\$205.00</td> </tr> <tr><td style="height: 20px;"></td><td></td><td></td></tr> <tr><td style="height: 20px;"></td><td></td><td></td></tr> <tr><td style="height: 20px;"></td><td></td><td></td></tr> <tr><td style="height: 20px;"></td><td></td><td></td></tr> <tr> <td style="text-align: right; padding: 2px;">TOTAL</td> <td></td> <td style="text-align: right; padding: 2px;">\$205.00</td> </tr> </table> </div>	Prepared By	Accounting Review	POST DATE	Vendor No.				SCHO01	Invoice Number (CK Req ID)	Invoice (CK Req) Date	Invoice (CK Req) Amount	CKRQ		\$205.00	NMWD Comment						Job Number	GL Account	Amount		56001-01-11	\$205.00													TOTAL		\$205.00
Prepared By	Accounting Review	POST DATE	Vendor No.																																							
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	56001-01-11	\$205.00																																								
TOTAL		\$205.00																																								

# NORTH MARIN WATER DISTRICT CHECK REQUEST

PAYEE JACK BAKER	DATE <u>4.9.15</u> <small>(TODAY'S DATE)</small>
425 Corte Norte	AMOUNT: \$205.00
Novato, CA 94949	

I attended the North Bay Watershed Assoc. mtg. on 4.3.15  
(NAME OF MEETING OR WORKSHOP) (DATE OF MEETING)

and wish to be compensated as provided under the Board Compensation Policy.

  
 SIGNATURE


CHARGE TO: 56001-01-11

## DISPOSITION OF CHECK

- ☐ MAIL TO PAYEE  
☐ HOLD FOR \_\_\_\_\_  
☒ OTHER:  
ACH PAYMENT

  
 APPROVED TO PAY BY

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REV. 0213

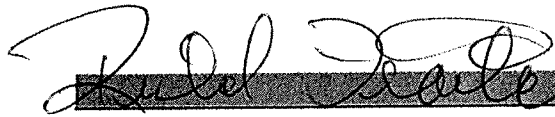
Prepared By <u>CB</u>	Accounting Review	POST DATE <u>4/9/15</u>	Vendor No. BAKE01	 <small>NORTH MARIN WATER DISTRICT</small>
Invoice Number (CK Req ID) <u>CKRQ 040915</u>	Invoice (CK Req) Date <u>4/9/15</u>	Invoice (CK Req) Amount <u>\$205.00</u>		
NMWD Comment				
Job Number	GL Account	Amount		
	56001-01-11	\$205.00		
TOTAL		\$205.00		

# NORTH MARIN WATER DISTRICT CHECK REQUEST

PAYEE RICK FRAITES	
50 Forrest Rd	DATE <u>04/21/15</u> (TODAY'S DATE)
Novato, CA 94947	AMOUNT: \$205.00

I attended the CONGRESSMAN HUFFMAN'S ENVIRONMENTAL on 04/20/15  
 (NAME OF MEETING OR WORKSHOP) Breakfast (DATE OF MEETING)

and wish to be compensated as provided under the Board Compensation Policy.



SIGNATURE

CHARGE TO: 56001-01-11

## DISPOSITION OF CHECK

X MAIL TO PAYEE

☐ HOLD FOR \_\_\_\_\_

☐ OTHER \_\_\_\_\_

APPROVED TO PAY BY \_\_\_\_\_

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REV. 0213

Prepared By <u>CF</u>	Accounting Review	POST DATE <u>4/15</u>	Vendor No. FRAI01
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Invoice Number (CK Req ID) CKRQ 042115	Invoice (CK Req) Date 4/21/15	Invoice (CK Req) Amount \$205.00
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NMWD Comment	

Job Number	GL Account	Amount
	56001-01-11	\$205.00
TOTAL		\$205.00

# NORTH MARIN WATER DISTRICT CHECK REQUEST

PAYEE DENNIS RODONI	DATE <u>4/9/15</u> <small>(TODAY'S DATE)</small>
P.O. Box 872	AMOUNT: \$205.00
Pt. Reyes Station, CA 94956	

I attended the WAC/AC meeting in SROSA on 4/6/15  
(NAME OF MEETING OR WORKSHOP) (DATE OF MEETING)

and wish to be compensated as provided under the Board Compensation Policy.

RECEIVED

APR 13 2015

*Dennis Rodoni*  
SIGNATURE

**CHARGE TO: 56001-01-11**

### DISPOSITION OF CHECK

☐ MAIL TO PAYEE  
☐ HOLD FOR \_\_\_\_\_  
☒ OTHER:  
ACH PAYMENT

APPROVED TO PAY BY \_\_\_\_\_

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REV. 0213

Prepared By <u>CJ</u>	Accounting Review
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POST DATE <u>4/15</u>	Vendor No. R0D001
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Invoice Number (CK-Req ID) <u>CKRQ 040915</u>	Invoice (CK-Req) Date <u>4/9/15</u>	Invoice (CK-Req) Amount <u>\$205.00</u>
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NMWD Comment	


Job Number	GL Account	Amount
	56001-01-11	\$205.00
<b>TOTAL</b>		<b>\$205.00</b>

# NORTH MARIN WATER DISTRICT CHECK REQUEST

PAYEE JOHN SCHOONOVER	
1160 Rosalia Drive	DATE <u>4/22/15</u> (TODAY'S DATE)
Novato, CA 94947	AMOUNT: \$205.00

I attended the NBWRA on 4/22/15  
(NAME OF MEETING OR WORKSHOP) (DATE OF MEETING)

and wish to be compensated as provided under the Board Compensation Policy.

  
 SIGNATURE

CHARGE TO: 56001-01-11


### DISPOSITION OF CHECK

X MAIL TO PAYEE

- ☐ HOLD FOR \_\_\_\_\_  
☐ OTHER \_\_\_\_\_

APPROVED TO PAY BY \_\_\_\_\_

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REV. 0213

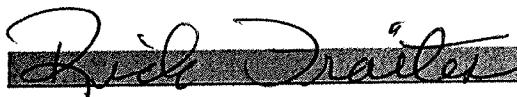
Prepared By <u>C. J.</u>	Accounting Review	POST DATE <u>4/15</u>	Vendor No. SCH001	 NORTH MARIN WATER DISTRICT
Invoice Number (CK Req ID) <u>CKRQ 042715</u>	Invoice (CK Req) Date <u>4/27/15</u>	Invoice (CK Req) Amount <u>\$205.00</u>		
NMWD Comment				
Job Number	GL Account	Amount		
	56001-01-11	\$205.00		
TOTAL		\$205.00		

# NORTH MARIN WATER DISTRICT CHECK REQUEST

PAYEE RICK FRAITES	
50 Forrest Rd	DATE <u>5/5/15</u> (TODAY'S DATE)
Novato, CA 94947	AMOUNT: \$205.00

I attended the Novato Watershed Tour on 5/1/15  
 (NAME OF MEETING OR WORKSHOP) (DATE OF MEETING)

and wish to be compensated as provided under the Board Compensation Policy.



SIGNATURE

CHARGE TO: 56001-01-11


## DISPOSITION OF CHECK

X MAIL TO PAYEE

- ☐ HOLD FOR \_\_\_\_\_  
☐ OTHER \_\_\_\_\_

APPROVED TO PAY BY \_\_\_\_\_

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Prepared By	Accounting Review	POST DATE	Vendor No.	 NORTH MARIN WATER DISTRICT
			FRAI01	

Invoice Number (CK Req ID)	Invoice (CK Req) Date	Invoice (CK Req) Amount
CKRQ		\$205.00

NMWD Comment	

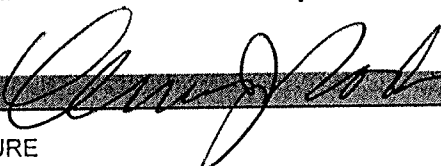
Job Number	GL Account	Amount
	56001-01-11	\$205.00
TOTAL		\$205.00

# NORTH MARIN WATER DISTRICT CHECK REQUEST

PAYEE DENNIS RODONI	
P.O. Box 872	DATE <u>5 4 15</u> (TODAY'S DATE)
Pt. Reyes Station, CA 94956	AMOUNT: \$200.00

I attended the WAC/TAC meeting on 5 4 15  
(NAME OF MEETING OR WORKSHOP) (DATE OF MEETING)

and wish to be compensated as provided under the Board Compensation Policy.

  
 SIGNATURE


CHARGE TO: 56001-01-11

## DISPOSITION OF CHECK

☐ MAIL TO PAYEE  
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☒ OTHER:  
ACH PAYMENT

APPROVED TO PAY BY \_\_\_\_\_

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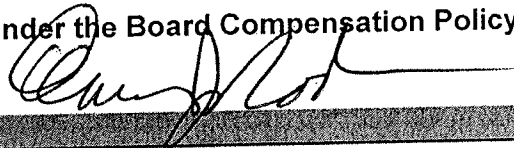
Prepared By	Accounting Review	POST DATE	Vendor No. RODO01	 NORTH MARIN WATER DISTRICT
Invoice Number (CK Req ID)	Invoice (CK Req) Date	Invoice (CK Req) Amount		
CKRQ		\$200.00		
NMWD Comment				
Job Number	GL Account	Amount		
	56001-01-11	\$200.00		
TOTAL		\$200.00		

# NORTH MARIN WATER DISTRICT CHECK REQUEST

PAYEE DENNIS RODONI	DATE <u>4 30 15</u> (TODAY'S DATE)
P.O. Box 872	
Pt. Reyes Station, CA 94956	AMOUNT: \$200.00

I attended the WAC/TAC coordinating meeting on 4 24 15  
(NAME OF MEETING OR WORKSHOP) (DATE OF MEETING)

and wish to be compensated as provided under the Board Compensation Policy.

  
 \_\_\_\_\_

SIGNATURE


CHARGE TO: 56001-01-11

## DISPOSITION OF CHECK

☐ MAIL TO PAYEE  
☐ HOLD FOR \_\_\_\_\_  
☒ OTHER:  
ACH PAYMENT

APPROVED TO PAY BY \_\_\_\_\_

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REV. 0213

Prepared By	Accounting Review	POST DATE	Vendor No. RODO01	 NORTH MARIN WATER DISTRICT
Invoice Number (CK Req ID) CKRQ	Invoice (CK Req) Date	Invoice (CK Req) Amount \$200.00		
NMWD Comment				
Job Number	GL Account 56001-01-11	Amount \$200.00		
TOTAL		\$200.00		

## **DISBURSEMENTS - DATED MAY 14, 2015**

Date Prepared 5/12/15

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 4/30/15	\$121,018.66
EFT*	US Bank	Federal & FICA Taxes PPE 4/30/15	52,362.13
EFT*	State of California	State Taxes & SDI PPE 4/30/15	9,116.81
EFT*	US Bank	April Credit Card Fees Incurred for Customer Online Payments	2,182.93
1	Able Tire & Brake	Tires (2)	248.24
2	Agilent Technologies	Part for Graphite Furnace (Lab)	56.10
3	Alfaro, George	Novato "Cash for Grass" Program	157.00
4	ALLDATA	Online Access to Manufacturer Service Manuals for Vehicles (6/7/15-6/7/16) (Budget \$1,550)	1,500.00
5	Andres, Julia	Novato "Washer Rebate" Program	50.00
6	Athens Administrators	Replenish Self-Insured Workers' Comp Account (Venegas)	8,279.38
7	AT&T	Leased Lines	545.64
8	Bastogne	Refund Overpayment on Open & Closed Accounts	409.73
9	Bauer, Fred	Novato "Cash for Grass" Program	300.00
10	Bay Area Barricade Service	Traffic Cones (16) (\$106) & Digging Bars (2)	177.24
11	Buck's Saw Service	Screw & Air Filter for Generator	27.58
12	Building Supply Center	Concrete (80lbs)	33.80
13	Burns, David	Novato "Cash for Grass Rebate" Program	400.00
14	CA Urban Water Conservation	Annual Dues (Grisso) (1/15-12/15) (Budget \$3,320)	3,218.68
15	Carlson, Janice	Novato "Cash for Grass Rebate" Program	220.00

Seq	Payable To	For	Amount
16	Costco Wholesale	Desserts for Cleaning Day, Kitchen Cleaning Supplies (\$97) & Coffee	243.61
17	Dell Marketing	Server for Engineering Geographic Info System	2,845.96
18	Equipco	Water Quality Probe for Testing (STP)	170.67
19	Fisher Scientific	Ammonium Solution (\$95), Test Tubes (500) (\$140) & Reagents (Lab)	293.56
20	Fluid Gauge	Topoge Manhold Gaskets (12" X 16") (4)	117.02
21	Frey, Denise	Novato "Washer Rebate" Program	50.00
22	Froman, Renee	Novato "Toilet Rebate" Program	100.00
23	Ghilotti Construction	Progress Pymt#12: Construct AEEP Reaches A-D/MSN B3 Pipeline Project (Balance Remaining on Contract \$2,915,927)	223,995.28
24	Grainger	Heat Shrink Tubing (5) (\$60), Security Camera for Tank, Duct Tape (24) (\$219), Tape Measure, Ear Muffs (2) & Hard Hats (4) (\$104) (Less Credit of \$837 on Returned Items)	294.51
25	Hertz Equipment Rental	18-Ton Crane Rental (4/13-4/20/15) (Gallagher, Pt. Reyes & STP Pump Replacements)	1,428.07
26	Hunting, Katherine	Novato "Rainwater Harvesting Rebate" Program	82.50
27		Cafeteria Plan: Uninsured Medical Reimbursement	15.00
28	Kemira Water Solutions	Ferric Chloride (8 tons)	4,584.60
29	Kenney, Jerry	Novato "Cash for Grass" Program	210.00
30	LGVSD	Recycled Water Deliveries (1/1/15-3/31/15)	27,709.39
31	Liddle, Ed	Novato "Washer Rebate" Program	50.00
32	Maltby Electric	Telemetry Cable (5,025') (Zone A Pressure Improvements)	5,176.01
33	Marin Landscape Materials	Concrete (42 bags) (\$211) & Crushed Rock (1 yd)	268.82

Seq	Payable To	For	Amount
34	Marinscope	Notice of Public Hearing Published 4/15/15 - Declaration of Water Shortage Emergency in Novato Area	123.12
35	Marin County Ford	Brake Pad Kit (\$234), Bearings, Oil Seal, Brake Rotors (\$78) ('05 Ford Ranger), Air Filters, Oil Filters, Oil (\$35) (7 qts) & Wiper Blades ('12 F250)	557.69
36	Marinozzi, Debra	Novato "Pool Cover" Rebate Program	26.24
37	McCabe, Michael	Novato "Washer Rebate" Program	50.00
38	McLellan, WK	Misc Paving	20,905.66
39	Michael Baker International	Progress Pymt#1: Prepare Stafford Dam Emergency Action Plan (Balance Remaining on Contract \$81,390)	8,609.64
40	National Meter & Automation	Cellular Meter Supplies for Mt. Burdell Place & Walnut Meadows Subdivisions	79.03
41	North Marin Auto Parts	Thread Dye, Replacement Headlight Housings (\$272) ('05 Honda Civic), Tail Lights Bulbs, Cutter Pins (18), Hand Seals, Automotive Light Bulbs (4), U-Bolts (2), Shop Rags (\$100) (5 lbs), Battery (Valve Turning Machine), Trailer Plug Cord, Spark Plugs (4), Rear Light Assembly, Auto Shop Supplies (\$92), Oil Filter, Air Filter, Motor Oil (4 qts) & Hex Key Set	722.03
42	North Bay Gas	Nitrogen (\$457) (STP), Acetylene (\$402) (Lab), Carbon Dioxide & April Cylinder Rental (\$98)	1,034.21
43	Northern Safety	Labels, Respirator Mask, Lab Coat, Safety Glasses (3) (Lab)	101.95
44	Novato Builders Supply	Plywood (\$252) & Lumber	257.28
45	Novato Disposal Service	April Trash Removal	432.54
46	Nute Engineering	Progress Pymt #1: Oceana Marin Master Plan Update (Balance Remaining on Contract \$23,531)	1,469.00
47	Pace Supply	Nipples (3), Valve Keys (13) (\$437), Test Cocks (9), Corp Stops (10) (\$287), Couplings (23) (\$2,077), 1" Copper Pipe (3,600') (\$14,421) & Valve Gates (2) (\$1,463) (Less Credit of \$126)	18,601.74

Seq	Payable To	For	Amount
48	PG&E	Power: Bldgs/Yard (\$3,166), Rectifier/Controls (\$417), Pumping (\$19,192), Treatment (\$124) & Other (\$98)	22,997.61
49	Pini Hardware	5/16" Metal Rods (3), Parts for Shop Sink, Drill Bits (4), Conduit, Flexible Coupling (4 x 2), 6' X 8' Tarps (10) (\$49), Screws, Paint, 2-Sided Tape, 2" Tees (3), 2" Caps & Shoe Guard	161.37
50	Rainin Instrument	Annual Calibration of Pipets	183.00
51		Cafeteria Plan: Uninsured Medical Reimbursement	168.10
52	Russell, Bruce	Novato "Toilet Rebate" Program (\$200) & Refund Alternative Compliance Reg 15 Deposit (\$315)	515.00
53	Schwaab	Stamp (Cons Svcs)	44.59
54	Scott Technology Group	Quarterly Maintenance on Engineering Color Copier (1/16/15-4/15/15)	488.81
55	Shamrock Materials	Gravel (2 sacks) & Back fill (2 yds) (\$362)	398.10
56	Shirrell Consulting Services	May Dental Insurance Admin Fee	293.80
57	Shirrell Consulting Services	April Dental Expense	5,120.20
58	Sonoma County Water Agency	Conservation Program Support (1/1/15-3/31/15)	11,762.75
59	State Water Resources Control	D1 Certification Application I (J. Lemos) (Budget \$70)	70.00
60	Steiner, Wendy	Novato "Washer Rebate" Program	50.00
61	Synectic Technologies	Quarterly Charge for Post-Warranty Agreement on Phone System (4/16-7/15)	446.70
62	Uline	30 Gallon Drum for Recycling Empty Aerosol Cans	147.15
63	United Parcel Service	Delivery Services: Send Carbon Sample for Regenerating Testing (STP) & Backflow Device for Calibration	21.08
64	USA BlueBook	Elbows (3)	124.10
65	Verizon California	Leased Line	901.35

Seq	Payable To	For	Amount
66	Verizon Wireless	Cellular Charges: Data (\$112) & Airtime (\$165) (19)	277.20
67	Waste Management	Trash Dumping: Pallet & Misc Debris	412.90
		<b>TOTAL DISBURSEMENTS</b>	<b><u>\$565,492.86</u></b>

The foregoing payroll and accounts payable vouchers totaling \$565,492.86 are hereby approved and authorized for payment.

 5/12/15  
Auditor-Controller Date

 5/12/15  
General Manager Date

## MEMORANDUM

To: Board of Directors  
From: Drew McIntyre, Chief Engineer   
Subject: Emergency Repair of Novato Sanitary District 12-inch Force Main  
R:\Folders by Job No\1000 Series Jobs\1 1124.15\1124.15 NSD Forcemain BOD Memo 4-15.docx

Date: May 15, 2015

**RECOMMENDED ACTION:** None

**FINANCIAL IMPACT:** \$12,076.68

The purpose of this memo is to inform the Board that a payment will be made to Novato Sanitary District in the amount of \$12,076.68 related to the above referenced repair. On April 1, 2015 the City notified North Marin Water District of a sinkhole on Hamilton Parkway, near Sunny Cove Dr., where NMWD installed a 12-inch recycled water line in 2013. Upon investigation it was found that the sinkhole was caused by a leak in Novato Sanitary District's 12-inch sewer force main crossing over NMWD's recycled water main at this vicinity. The NSD force main had a crack in it and was most likely damaged during installation of NMWD's 12-inch recycled water pipeline (installed by Disney Construction).

NSD utilized Team Ghilotti to perform the necessary force main repairs and patch paving. Said repairs were conducted over the period from April 1 through April 8 and included five actual workdays for a total cost of \$12,076.68.



Protecting Marin Since 1934

Thursday, May 15, 2015

7:30 - 9:00 a.m.

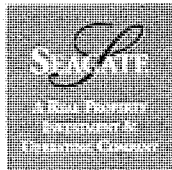
McInnis Park Club Restaurant

San Rafael, California

## Business-Environment Breakfast

# SENATOR MIKE McGUIRE California 2<sup>nd</sup> Senate District

SPONSORED BY:



## PROGRAM

7:30 Buffet Breakfast

7:50 Welcome

NONA DENNIS, Acting President, MCL

Introduction

LINDA J. NOVY, Director, MCL

8:00 Presentation

SENATOR MIKE McGUIRE

Q & A

9:00 Adjourn

## SENATOR MIKE McGUIRE

California Senate District 2, North Coast/North Bay

Senator Mike McGuire is a third generation Northern Californian, whose family farmed prunes and grapes in the Alexander Valley for nearly a half century.



Mike was first elected to the Healdsburg School Board when he was 19. As one of Northern California's youngest school board presidents, he led successful efforts to rebuild local decaying schools.

In 2004, Mike was elected to the Healdsburg City Council where he was the city's youngest mayor and was instrumental in creating one of the most successful local economies

and stable municipal budgets in the region.

In 2010 – during the depth of the recession – Mike was elected to the Sonoma County Board of Supervisors. He helped lead efforts that turned years of deficits into a multi-million dollar surplus and brought forward the county's economic recovery and jobs plan that made Sonoma County one of top counties in job growth in California.

Mike has always been a tireless advocate for our environment. He has helped protect and preserve tens of thousands of acres of open space, watersheds and coast and he successfully fought to keep our regional and state parks open to the public.

Mike attended Santa Rosa Junior College and graduated from Sonoma State University. He is married to local high school teacher and middle school assistant-principal, Erika McGuire. Erika and Mike live in Healdsburg.



## Federal water decision that could affect Russian River flows imminent

on

Federal approval of a drought-related request to reduce flows from Lake Pillsbury could come Friday or early next week, relieving concerns shared by PG&E, North Bay water managers and ranchers in Potter Valley.

If the remote reservoir on the Eel River in Lake County falls too low this summer, it could trigger a dramatic cutback in water to Potter Valley, with repercussions down the Russian River from Ukiah to Healdsburg and potentially into the rest of Sonoma County and Marin County.

PG&E, which operates a small powerhouse in Potter Valley, filed an urgent request Wednesday with the Federal Energy Regulatory Commission seeking permission to curtail releases from Lake Pillsbury, which already has dropped to 52 percent of capacity.

The utility asked if the reduced water flow plan — backed by the Sonoma County Water Agency, state and federal fish biologists and other groups — could be implemented “on or before” Friday.

A spokeswoman for the federal agency said Thursday in an email that PG&E’s request is “under review and we will act as quickly as possible.” Celeste Miller said she had no further information on the timing of the agency’s decision.

Paul Moreno, a PG&E spokesman, said the utility was expecting to get approval of its request early next week, “if not sooner,” possibly on Friday.

Janet Pauli, a grape grower and Potter Valley Irrigation District board member, said last week she hoped the water cutback could start immediately.

If approved, PG&E’s request would allow a minimum release from Lake Pillsbury of 40 cubic feet per second, with an anticipated actual flow of 70 to 90 cfs, said Michelle Lent, a PG&E hydro-scheduler. Flows down the East Fork of the Russian River would be cut from 75 to 25 cfs, she said.

That water winds up in Lake Mendocino, a critical summertime water source for communities from Ukiah to Healdsburg and a contributor to the Sonoma County Water Agency’s supply for 660,000 customers in Sonoma and Marin counties.

Releases from Lake Pillsbury go down the Eel River and are partially diverted through a milelong tunnel to the Potter Valley powerhouse and then divided again between the Potter Valley Irrigation District, which serves 300 ranchers, and the East Fork of the Russian River.

If Lake Pillsbury, which currently holds about 38,800 acre-feet of water, drops below targeted levels for every month from July through November, more drastic flow reductions would be triggered. Flows on the East Fork of the Russian River could go as low as 5 cfs, meaning Lake Mendocino would probably get no Eel River water.

You can reach Staff Writer Guy Kovner at 521-5457 or [guy.kovner@pressdemocrat.com](mailto:guy.kovner@pressdemocrat.com). On Twitter

# Potter Valley Project

PVP Diversion (cfs)	May 14, 2015	96
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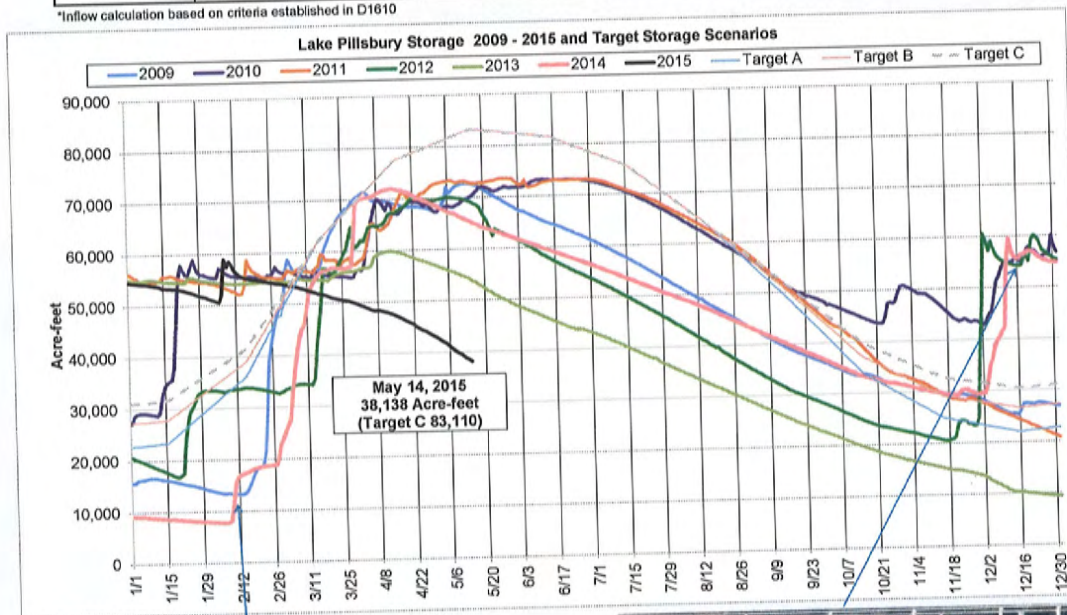
## Lake Pillsbury



Lake Pillsbury March 6, 2014: Storage Level = 40,640 acre-feet (Source: Lake Pillsbury Resort)

Parameter	Date Range	Cumulative	Daily Average
Inflow* (acre-feet)	October 1, 2013 - May 14, 2015	175,241	779
	Last 7 days	698	100

\*Inflow calculation based on criteria established in D1610



Feb 10, 2014 (Source: Lake Pillsbury Resort)



December 15, 2014 (Source: Lake Pillsbury Resort)

## William W. Wright

May 20, 1929 — April 9, 2015

William W. Wright was born on May 20, 1929 in Madrid, Spain to William Q. Wright, Jr. and Eleanor W. Wright. He passed away on April 9, 2015 after years of declining health. Bill attended Novato Grammar School, graduated from San Rafael High School and the University of Nevada.

As a soils engineer with Cooper Engineers and later with Wright Testing, he proudly told people that he was a Professional Dirty Old Man.



Bill

Bill was a Director of the North Marin Water Board for 24 years, a die hard 49'er and Giants fan and an avid bowler for well over 60 years. He was a member of the Novato Druids and the SIR, Branch 68.

He leaves his wife of 55 years, Pat, his brother, Foster Q. Wright, sister-in-law, Norma Wright and many cousins, nieces and nephews.

He also leaves a collection of friends and acquaintances that have enriched his life immeasurably over 85 years.

A memorial service and birthday party will be held from noon to 4 p.m. May 20 at the Druids Hall, 801 Grant Avenue in Novato. Arrangements were handled by Keaton's Redwood Chapel.

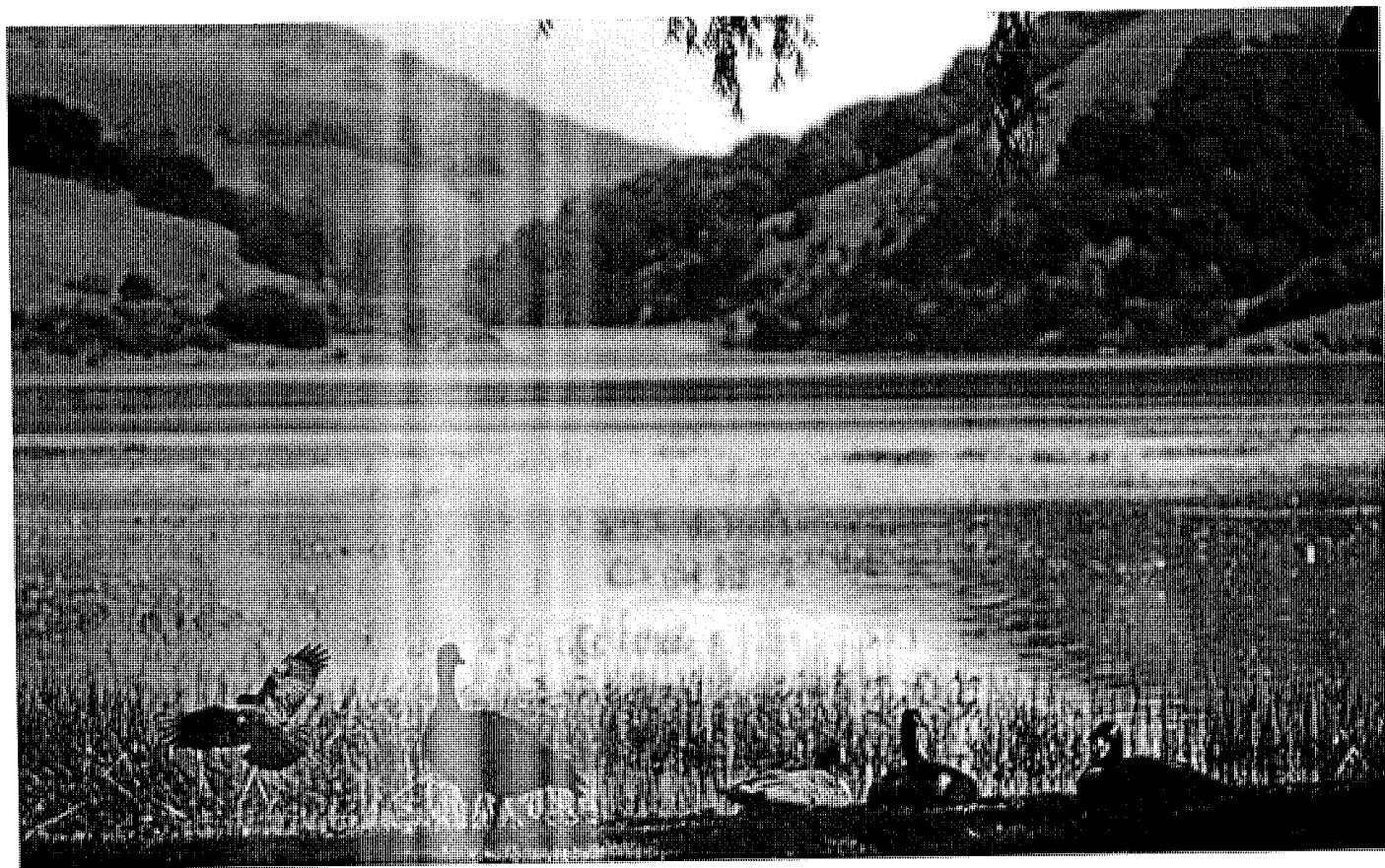
Lilah (Sullivan) 90, passed on April 27 Vashon County Care on Island in Washington State.

Lilah was born in California and lived in San Rafael.

She is survived by her five children: Cheryl Ziegler, Mike Hook, Kristy Hegna, Wa. Patty Robinson, and Dan Rafael, eleven grandchildren: Julie, Jeff, Jojo, Anna, Andrea, Leah, Ashley and Nick. She has great grandchildren and adored nieces and nephews. She was preceded in death by her husband of 57 years, Mike Hook and her sister, Mary of Novato.

Lilah devoted her life to her children and grandchildren. Always striving to be one connected, she was between them, she was there with an embrace and the love that she put in it. She got much money on things she put a smile on and would always money.

# Drought comes home to Marin as state demands cuts



A gaggle of geese rest at Stafford lake in Novato. The state has released mandatory water conservation targets. Robert Tong — Marin Independent Journal

By Mark Prado, *Marin Independent Journal*

POSTED: 05/07/15, 5:38 PM PDT | UPDATED: 2 DAYS AGO 33 COMMENTS

With state water restrictions voted into place earlier this week, the effect on Marin and what its residents must do to save water has come into focus.

The State Water Resources Control Board approved rules Tuesday for water districts that provide mandatory water conservation targets ranging from 8 percent to 36 percent, based on their per capita use last year.

The mandates require the Marin Municipal Water District to cut use by 20 percent. The North Marin Water District in Novato has to cut water use by 24 percent. The state developed those percentages by looking at per capita water use between July and September 2014. The higher the water use, the more a community must now cut back.

Marin Municipal customers used 107.4 gallons per person, per day during the 2014 period. That agency has 190,000 customers between Sausalito and San Rafael. Each person in the North Marin Water District, which serves 60,000 customers in Novato and West Marin, used 129.1 gallons during that baseline period.

Now water districts must reach the targets.

The new water saving rules take effect June 1 and will remain in effect until February 2016. To determine compliance, the state will look at water use during the coming period and compare water use to the same time frame in 2013, the last time the state was not in drought. Water agencies that flagrantly disregard the rules could face penalties of up to \$10,000 a day.

Marin Municipal officials believe the district is ready to take on the challenge.

Last month the Marin Municipal board passed new rules requiring residents and businesses with irrigation systems to use them only three days a week. There also will be a ban on using the systems 48 hours after measurable rainfall.

“We think we can achieve the goals with a little extra effort on everyone’s part and with people adhering to the new restrictions, such as watering only three days a week,” said Libby Pischel, water district spokeswoman, noting last year customers’ saved 15 percent. “So we just have a 5 percent gap. We want to keep reminding people, and our water production figures show people are cutting back.”

North Marin’s board is expected to approve similar measures when it meets May 19.

North Marin’s current proposal differs in that homes and buildings with odd-numbered addresses will only be able to water Monday, Wednesday and Friday. Even-numbered addresses will water Tuesday, Thursday and Saturday. All watering would be limited to between 7 p.m. and 9 a.m. as with Marin Municipal customers.

“The main message is to have people curtail the outside watering,” said Ryan Grisso, North Marin’s water conservation coordinator. “We want people to do what they did last year and then a little more. People have been very responsive.”

Advertisement

New statewide rules — which will apply in Marin — also ban all restaurants, bars, hotels and other places where food and drink are served from serving water unless customers ask for it. Hotels and motels will be required to provide signs in rooms telling guests that they have the option of choosing not to have towels and linens washed daily. Violations carry fines of up to \$500. Water providers also must promptly notify any

property owner when they discover a leak on the property.

While drought has gripped the state, North Bay supplies of water are in good shape.

North Marin's Stafford Lake is now 84 percent full, about average right now for water volume, and Marin Municipal's reservoirs are about 90 percent full, also average for this time of year.

NEWS &gt; LOCAL

# California Water Cuts Ignore Past Changes by Some Cities, Like San Diego

Cities like San Diego are making cuts in their water usage once again.

By Associated Press



Getty Images

LOS BANOS, CA - APRIL 24: The California Aqueduct passes through the Dos Amigos pumping plant on April 24, 2015 in Los Banos, California. As California enters its fourth year of severe drought, farmers in the Central Valley are struggling to keep crops watered as wells run dry and government water allocations have been reduced or terminated. Many have opted to leave acres of their fields fallow. (Photo by Justin Sullivan/Getty Images)

Updated at 12:09 PM PDT on Sunday, May 10, 2015

In California's second-largest city, memories are still fresh of a devastating drought 25 years ago that saw the area's water supplies slashed by about a third.

Billions of dollars were invested to prepare for the next drought, an effort that included building the Western hemisphere's largest desalination plant, which opens this fall.

Yet the moves count for nothing under sweeping statewide cuts to urban water use approved this week that require hundreds of cities, counties and local agencies to reduce consumption between 8 percent and 36 percent from 2013 levels, starting June 1. The largest per-capita users must make the biggest percentage cuts, no matter how and where they get their water.

San Diego isn't the only place complaining. The Orange County Water District, which serves 2.4 million people near Los Angeles, wanted credit for sending wastewater through ground basins for drinking. It started recycling water in 2008 and is boosting production to 100 million gallons a day from 70 million.

San Diego, which imports nearly all of its water, launched its quest for water independence in 1991, after the Metropolitan Water District of Southern California said it was cutting deliveries in half. Metropolitan, a giant wholesaler based in Los Angeles, supplied 95 percent of San Diego's water at the time.

Surprise rains reduced the cut to 31 percent, which lasted 13 months. Still, businesses led by the city's biotech industry demanded change.

"That really was a wakeup call," said Dana Frieauf, water resources manager for the San Diego County Water Authority, which supplies 3.1 million people in the city of San Diego and its suburbs. "We heard loud and clear from residents and businesses in San Diego County that we needed to take action to avoid that from happening again."

Metropolitan now supplies less than half of San Diego's water and will deliver less than a third in 2020. But the diversification has been costly.

In 2003, San Diego began buying water from California's Imperial Valley in the nation's largest farm-to-city water transfer, a move that San Diego leaders said would offer protection during drought because Imperial Valley's senior rights to Colorado River water put them at the front of the line.

In 2012, San Diego sought more protection by agreeing to buy water from a \$1 billion desalination plant in suburban Carlsbad. The hemisphere's largest such plant will produce 50 million gallons a day by 2020, enough to satisfy 7 percent of regional demand. It will raise the region's average residential water bill by \$5 to \$7 a month.

San Diego's march to independence earned little sympathy from the State Water Resources Control Board, which approved the cuts to achieve Gov. Jerry Brown's target of reducing urban water use 25 percent. Board officials say those who prepared for drought will be better off in the long run.

"This is not about being fair, giving kudos for past performance," said board Chairwoman Felicia Marcus. "This is about dealing with what is an emergency out in front of us that may not be right here, but we can see coming at us."

In November, the city of San Diego moved ahead on a \$2.5 billion plan to recycle 83 million gallons of wastewater a day for drinking by 2035, about one-third of the city's supply. It warns, however, that public support may wane if cities don't get credit for such investments.

"The frustrating thing is it feels we have done the right things, invested in the right things and tried to be very responsible," said Mark Cafferty, chief executive of the San Diego Regional Economic Development Corp., a business coalition.

"I absolutely agree with the narrative" to diversify supplies, said Mayor Steve Vaus of Poway, a San Diego suburb that must cut use 32 percent. "The problem is that, to date, it has fallen on deaf ears."

Steve Erie, a political science professor at University of California, San Diego, said the cuts "absolutely blindsided" the region, which erred by locking in long-term

contracts for desalinated water and with the Imperial Valley deal.

"They were overeager investors," he said. "It's a failure of planning."

Many San Diego government officials and business leaders insist it is a temporary setback. They say any unused water can be stored in a newly retrofitted dam and tapped if drought persists.

Gary Arant, general manager of Valley Center Municipal Water District, said state regulators had to act quickly. His agency, which serves homes with fruit trees on large lots north of San Diego, must cut use 36 percent.

"In the short term, the investment hasn't worked out as we hoped," he said. "We think, in the long term, the San Diego region will be better off."

Published at 7:55 PM PDT on May 9, 2015

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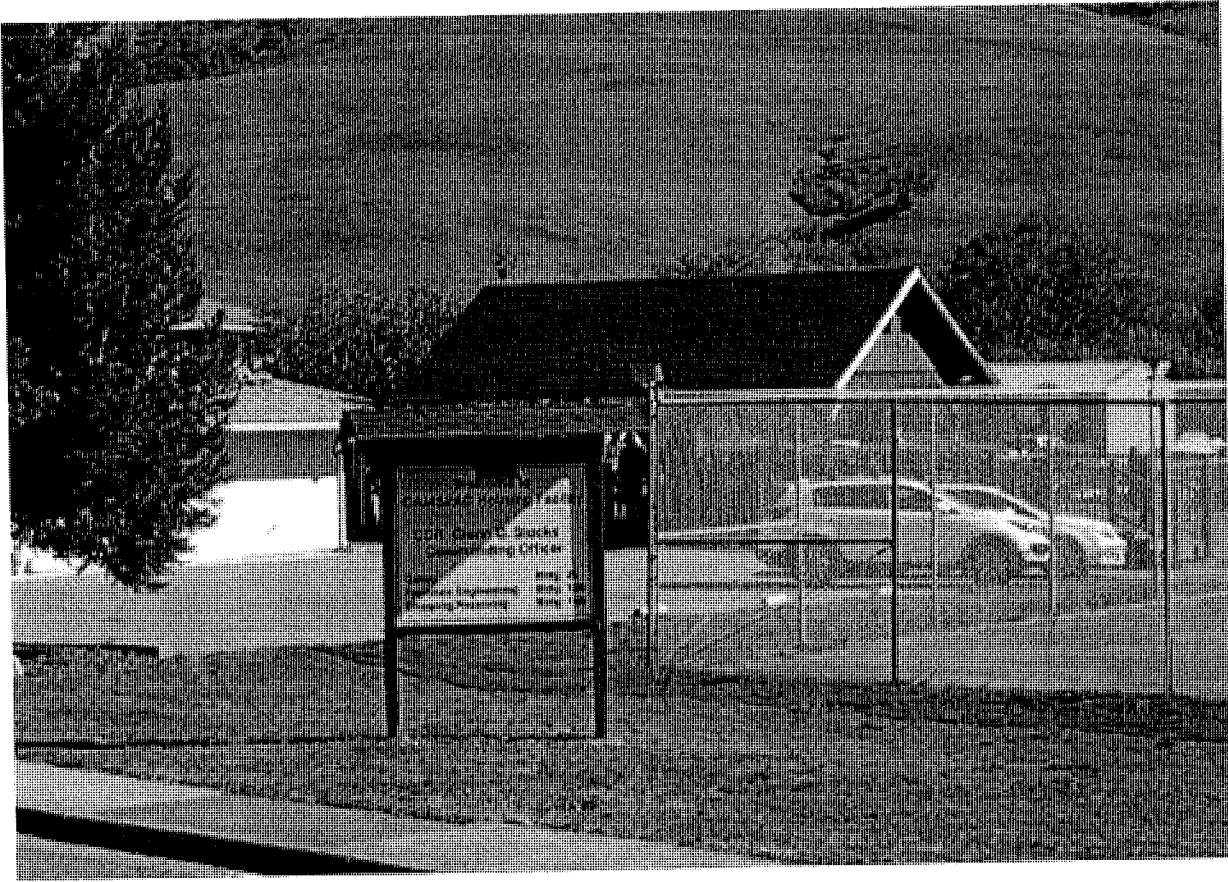
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# Marin IJ Editorial: Pt. Reyes site offers housing opportunity



The U.S. Coast Guard CAMSPAC Housing Facility in Point Reyes Station is pictured in 2014. (Frankie Frost - Marin Independent Journal)

POSTED: 05/11/15, 2:13 PM PDT | 1 COMMENT

Rep. Jared Huffman has made public acquisition of the surplus Coast Guard housing in Point Reyes Station a top political priority, for good reason.

The 36-unit complex already is, realistically, affordable housing that meets a local need; selling the public property to the county could retain that important stock in an area where opportunities to build such housing are limited.

It is far too valuable as a public opportunity to be placed on the auction block and sold to the real estate market.

Legislation that makes the county a priority buyer has passed its first step in the House committee process.

Last year, legislation to retain the housing for the public was derailed.

Huffman is committed to make sure the local need and opportunity are priorities in the bill.

His efforts have won the support of Sens. Barbara Boxer and Dianne Feinstein, both of whom are keenly

aware of the importance of workforce housing to West Marin's economy, community and agricultural and tourist industries. They have introduced in the Senate a bill to transfer the housing to the county.

"Our commonsense proposal, which is supported by local government officials and community groups, would put unused government property to good use by allowing it to be converted to affordable apartment housing for 36 families," Feinstein said in a press statement.

Having the 30 acres sold and the houses bulldozed to be turned into a market-rate subdivision is not a vision widely shared in the community.

Public acquisition of the existing housing, at a fair price that would enable the county to keep the units affordable, is a rare opportunity and a public benefit, as was the original investment of taxpayer funds in the building of the Coast Guard home.

Providing affordable housing that's needed for West Marin and the agricultural industry should be a priority that both parties can relate to and embrace.

# San Jose water company imposes mandatory use limit

*The Associated Press*

POSTED: 05/12/2015 01:45:19 PM PDT | UPDATED: ABOUT 22 HOURS AGO

0 COMMENT

SAN JOSE, Calif. (AP) — San Jose businesses and residents will soon have to restrict their water use or face fines, as the city becomes one of the largest in the state to impose strict water-use limits amid California's ongoing drought.

Under a plan unveiled Monday by the San Jose Water Co., every business and homeowner in the company's service area will be given a month-by-month water use figure, the San Jose Mercury News reported (<http://bayareane.ws/1IvQfS9>).

The allocation will be based on the average amount used in 2013 by each customer, with a target reduction of 30 percent.

"We're going to need to conserve more to make sure there is enough water in 2016 and possibly beyond because we don't know when this drought is going to end," said John Tang, a spokesman for the utility.

He declined to provide details about the size of fines.

The new rules have made some residents uneasy.

Michelle Wallace, 38, who shares her townhouse with her three daughters, said she's sure she will go over her monthly allocation and be fined.

"I never really paid attention to the drought before, and now I'll have to," she said.

The plan requires approval by the state Public Utilities Commission, but that is expected. It would take effect in mid-June.

The San Jose Water Co. serves about 80 percent of San Jose's one million residents.

The restrictions come as the state experiences its fourth year of drought and Gov. Jerry Brown has called for a mandatory 25 percent cut in urban water use compared with 2013 levels.

Advertisement

Similar water restrictions are already in place in Santa Cruz.

And the state's largest privately held water company

California Water Service Co., is also rolling out a water-use limit plan starting next month, the Mercury News reported. It serves 2 million people in 25 communities from Chico to Palos Verdes.

Most California residents are served by public agencies. In the San Francisco Bay Area, almost no public agencies have announced plans to impose mandatory water limits.

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# POINT REYES LIGHT

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## New water rules congeal for North Marin and Marin Municipal

By Beau Evans

05/07/2015

On Tuesday, the State Water Resources Control Board adopted an emergency regulation to ensure local water districts reduce water usage across the state by 25 percent, a target that was ordered by Governor Jerry Brown last month. This week, the board released draft regulations that widened the range of percentages under which local agencies must meet certain benchmarks for cutting back water use as compared to 2013. The cutbacks range from 4 percent to 36 percent, depending on the size of the agency and the amount of water its clients consume. (To set benchmarks, the board computed a metric that calculated percentages based on daily per-person water usage from July to September of 2014.) North Marin Water District will have to reduce water use by 24 percent compared to 2013, and Marin Municipal Water District must reduce by 20 percent. Both districts will have to abide by rules that prohibit irrigation between 9 a.m. and 7 p.m., the watering of sidewalks or driveways, and hoses without shut-off nozzles; the rules also limit outdoor watering to two days a week. Separately, North Marin will vote in late June to increase its service rate by five percent for West Marin customers, effective July 1. Revenue generated from the rate increase will go toward financing capital projects, such as replacing a water tank destroyed during the 1995 Mount Vision wildfire and improving the district's backwash filtration system. According to the district's manager, Chris DeGabriele, costs for these projects will amount to nearly \$2 million. West Marin customers—in Point Reyes Station, Olema, Bear Valley, Inverness Park and Paradise Ranch Estates—who consume 59,100 gallons of water annually will pay an extra \$2.26 each month. Those who consume less than that amount will see a smaller increase in their bill. Oceana Marin in Dillon Beach customers will see a \$3 monthly increase. The proposed rate increase—which will be heard during a public meeting on June 30 at the Dance Palace—comes on the heels of a flurry of water-related activities in the state. Last month, an appellate court in Orange County affirmed a lower court's decision that tiered water rates in San Juan Capistrano were not tied directly to service costs, in violation of state law. Though many observers in California wondered whether the court's ruling could hamper attempts by local agencies in counties across the state to disincentivize large water use, Mr. DeGabriele brushed aside the notion that the ruling would have any impact on N.M.W.D. "It's specific to San Juan Capistrano," Mr. DeGabriele said. "We don't believe that that applies to us."



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# POINT REYES LIGHT

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## Feinstein and Boxer support Coast Guard housing purchase

United States Senators Dianne Feinstein and Barbara Boxer introduced legislation on Tuesday to require the Coast Guard to first offer the 30-acre housing complex it owns in Point Reyes Station to Marin County for use as affordable housing, a companion to legislation authored by Rep. Jared Huffman. The county would...

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If you are already an online subscriber, [click to log in \(/user/login?destination=article/feinstein-and-boxer-support-coast-guard-housing-purchase\)](#).

Yours,

Tess, David, Diana, Harry and Samantha—the staff of the Point Reyes Light

**RULES:** Custom transportation and picnic arrangements to be made by May 18th. Winner will be drawn and called May 18th. No purchase necessary. Entries must be received by May 18th. Winner will be drawn and called May 18th. Must be 18 years or older to enter and limited to one entry per person. Marin IJ and Mr. Play employees are not eligible. T-shirt sizes selected by winner. Show dates are May 24, 31, June 7, 13, 14, 21.

## Readers' Forum

### Lucas plan will prove value of local workforce housing

The May 2 Marin Voice column, "Flaws in the push for workforce housing in Marin," seeks to undermine public support for affordable housing in Marin County by suggesting that workforce housing — housing reserved for members of our community — is a fantasy "like Big Foot, Pegasus and the Loch Ness Monster." The authors are mistaken.

PEP Housing, a nonprofit affordable housing developer, is partnering with Skywalker Properties to build workforce and senior housing at Grady Ranch. To ensure that the new housing is available to families who live and work in our community, PEP Housing plans to give a preference to Marin County residents and workers when allocating the new units.

Housing preferences like the one PEP Housing proposes do not violate federal or state law as long as:

- The preference is not motivated by an intent to discriminate against members of a protected class (e.g., race, color, religion, gender or national origin).

- The population that is eligible for the preference (here, people who live or who work in Marin and make \$65,700 to \$101,400 a year) is reasonably diverse.

PEP Housing's preference program will not have a disparate impact on members of a protected class as the geographic boundaries of the proposed preference area encompass the entirety of Marin County, which includes a broad range of residents and workers. Thus, the authors' assertion that the new housing will not "actually house local workers" is mistaken.

The proposed preference will ensure that contributing members of our community — those who live and work in Marin — will benefit from the new housing at Grady Ranch.

The authors further suggest that the solution for Marin's affordable housing problem is "legislation that creates actual workforce housing for those actively working in our communities who earn less than the area median income." We agree. That's why PEP Housing's Grady Ranch project is almost precisely what they propose — a project that will provide affordable housing for contributing members of our community. With the public's support, workforce housing in Marin need not continue to be as elusive as "Big Foot, Pegasus and the Loch Ness Monster" to those who so desperately need it.

— *Mary Stamps,*  
*executive director,*  
*PEP Housing,*  
*Petaluma*

### Water districts should do more to help consumers

I support the need to save as much water as possible during this drought. There are, though, several issues that inhibit my ability to manage my water use.

Water conservation in California has been put totally on residents, and not agriculture. But as a resident, I need a lot more information in order to make good choices.

Unfortunately, I do not have those tools from the North Marin Water District.

Firstly, I get a bill every two months. By the time I have that bill containing water use, relatives have visited, irrigation systems have broken, and life has happened, in general. I really don't have a good pic-

ture of that impact on my water use by the time I get the information.

Yes, there are some averages and comparisons — but other than a general guideline — the numbers are really pretty meaningless and way after the fact.

Secondly, I have personally been trying to read my meter, since I have nothing from the water company other than dated averages regarding my water use.

The meter is antiquated and interprets water use by "ccf." What is ccf? Well, 1 ccf equals 748 gallons (which I had to research on Google, myself).

In this day of technology, why don't we have daily data — online regarding our water use in meaningful English?

Unfortunately our water district has been complacent.

So I will save water, but I want better tools than we have so far!

— *Judith K. Adison Hight,*  
*Novato*

### Bicyclists need to think about safety first

Obviously, Deane Hartley was on an important mission that called for hurrying.

There are certain thinking distortions that infect bicyclists, such as arrogance, narcissistic disorders and a severe drop in IQ.

Mr. Hartley was confident that his yells of "Heads up! Heads up!" were precise enough instructions for the elderly lady whose back he was rapidly approaching.

There should be required classes for bicyclists, as for automobile drivers. That process would have alerted Mr. Hartley that there was yet another way, like slow down.

— *Jerry Tanner, Mill Valley*