

**NORTH MARIN
WATER DISTRICT**

**NORTH MARIN WATER DISTRICT
AGENDA - REGULAR MEETING
December 18, 2012 – 7:30 p.m.
District Headquarters
999 Rush Creek Place
Novato, California**

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Est. Time	Item	Subject
7:30 p.m.		CALL TO ORDER
	1.	CLOSED SESSION: In accordance with Government Code Section 54957.6; Conference with Labor Negotiators; District's Designated Representatives – Chris DeGabriele and David Bentley; Employee Organization – North Marin Water District Employee Association.
	2.	APPROVE MINUTES FROM REGULAR MEETING , December 4, 2012
	3.	GENERAL MANAGER'S REPORT
	4.	OPEN TIME: (Please observe a three-minute time limit) This section of the agenda is provided so that the public may express comments on any issues not listed on the agenda that are of interest to the public and within the jurisdiction of the North Marin Water District. When comments are made about matters not on the agenda, Board members can ask questions for clarification, respond to statements or questions from members of the public, refer a matter to staff, or direct staff to place a matter of business on a future agenda. The public may also express comments on agenda items at the time of Board consideration.
	5.	STAFF/DIRECTORS REPORTS
	6.	MONTHLY PROGRESS REPORT ACTION CALENDAR
	7.	Approve: Salary and Benefits Agreement with NMWD Employee Association
	8.	Approve: Salary and Benefits Agreement with NMWD Unrepresented Employees
	9.	Approve: Salary Schedule Revision
	10.	Approve: CalPERS Resolution to Reduce District Contribution
		INFORMATION ITEMS
	11.	SCWA Water Supply Strategies Action Plan Update 2012
	12.	MISCELLANEOUS Disbursements Wiley Price & Radulovich, LLP announcement of new partnership Public Policy Facilitating Meeting Agenda <u>News Articles:</u> Fish & Farmers Happy in Dry Creek Supervisor's aide Liza Crosse appointed to MMWD board Plans for Stafford Lake bike park in Novato on track

All times are approximate and for reference only.

The Board of Directors may consider an item at a different time than set forth herein.

Est. Time	Item	Subject
8:30 p.m.	13.	Santa Rosa picks new utilities director Editorial: Liza Crosse is a good choice for Marin Municipal Water District board seat
		ADJOURNMENT

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DRAFT
NORTH MARIN WATER DISTRICT
MINUTES OF REGULAR MEETING
OF THE BOARD OF DIRECTORS
December 4, 2012

CALL TO ORDER

President Petterle called the regular meeting of the Board of Directors of North Marin Water District to order at 7:30 p.m. at the District headquarters and the agenda was accepted as presented. Present were Directors Rick Fraites, Dennis Rodoni and John Schoonover. Also present were General Manager Chris DeGabriele, District Secretary Katie Young and Chief Engineer Drew McIntyre. Director Jack Baker arrived at 7:32 p.m.

Steve Wrightson of The Covello Group, Meadow Park Hamilton Homeowners Anne Sommer, Janis West, Anne Marie Kambly, Sherry Sweet, and Susan Derana, Meadow Park Homeowner's Association Board Member, Roger Burstrem, North Marin Water District Employee Association Representatives, Kerry Lemos, Brad Stompe, and Nancy Williamson, District employees Renee Roberts (District Secretary), Robert Clark (Operations/Maintenance Superintendent) and Doug Moore (Construction/Maintenance Superintendent) were in the audience.

REORGANIZATION OF BOARD

Election of President

On motion of Director Schoonover and seconded by Director Rodoni and carried by the following vote, the Board elected Director Fraites as President of the Board for the ensuing year:

AYES: Directors Petterle, Rodoni, Schoonover

NOES: None

ABSTAIN: None

ABSENT: Director Baker

Election of Vice-President

On motion of Director Schoonover and seconded by Director Petterle and unanimously carried, Director Rodoni was elected Vice-President of the Board for the ensuing year.

Establishment of Meeting Times and Place

On motion of Director Petterle and seconded by Director Rodoni and unanimously carried, the Board set the time and place of regular meetings to be the first and third Tuesday of each month

1 at 7:30 p.m. at the District office, and that the Board will hold one meeting annually in West Marin
2 with additional West Marin meetings to be scheduled on an as-needed basis.

3 Establishes the Manner of Calling Special Meetings

4 On motion of Director Rodoni and seconded by Director Petterle and unanimously carried,
5 the Board approved special meetings of the Board to be held as provided in Section 54956 of the
6 Government Code.

7 Appointment of District Officers

8 On motion of Director Schoonover and seconded by Director Petterle and unanimously
9 carried, the following District officers were appointed for the ensuing year: Chris DeGabriele,
10 General Manager; Katie Young, District Secretary; David L. Bentley, Auditor-Controller; and Drew
11 McIntyre, Chief Engineer.

12 Confirm Board Meeting Schedule for 2013

13 On motion of Director Rodoni and seconded by Director Baker and unanimously carried, the
14 Board accepted the proposed meeting schedule for the 2013 calendar year with the understanding
15 that the calendar may be adjusted as needed.

16 Committee Appointments

17 President Fraites stated that he will take committee appointments into consideration and will
18 return to the Board with his recommendations at a future meeting.

19 **MINUTES**

20 On motion of Director Schoonover, seconded by Director Petterle and unanimously carried
21 the Board approved the minutes from the meeting of November 20, 2012 as presented.

22 **GENERAL MANAGER'S REPORT**

23 Sexual Harassment Training

24 Mr. DeGabriele informed the Board that District staff participated in mandatory sexual
25 harassment and violence in the workplace training which is required to be completed every two
26 years.

27 ACWA Conference

28 Mr. DeGabriele advised the Board that he will be attending the ACWA Conference in San
29 Diego from Wednesday through Friday and Drew McIntyre will be the acting General Manager in his
30 absence.

1 Miles Ferris Retirement

2 Mr. DeGabriele informed the Board that on Monday, December 10th he will be attending a
3 farewell party for Miles Ferris who is retiring from the City of Santa Rosa.

4 **OPEN TIME**

5 President Fraites asked if anyone in the audience wished to bring up an item not on the
6 agenda and the following item were discussed:

7 District's Employee Association Representative Kerry Lemos addressed the Board regarding
8 the Association's concerns about the salary/benefit negotiations. He asked that the Board consider
9 not making salary package cuts because the proposal has the potential to save the District money in
10 the future with several possible senior employees retiring.

11 **STAFF / DIRECTORS' REPORTS**

12 President Fraites asked if staff or Directors wished to bring up an item not on the agenda
13 and the following items were discussed:

14 Weekend Storm

15 Doug Moore informed the Board that the District did not have any problems occur as a result
16 of the weekend storm.

17 Robert Clark stated that because of the recent storms, Stafford Lake collecting runoff and is
18 currently at elevation 185 ft. He stated that throughout the storm there were minor PG&E impacts.
19 Mr. Clark informed the Board that the Stafford Treatment Plant did lose communication from the
20 storm but it has been restored.

21 Holiday Party

22 Director Baker expressed his appreciation for the opportunity to attend the District's Holiday
23 Party and stated that it was a nice time celebrating Renee Roberts's retirement.

24 **ACTION CALENDAR**

25 **APPROVE: NOTICE OF COMPLETION RECYCLED WATER EXPANSION NORTH SERVICE**
26 **AREA SEGMENT 2 PIPELINE CONSTRUCTION PROJECT (RANGER PIPELINES, INC.)**

27 Mr. McIntyre informed the Board that the Recycled Water Expansion North Service Area -
28 Segment 2 project has been completed by Ranger Pipeline and presented the Notice of Completion
29 to the Board. He stated that all of the obligations including punch list items have been completed.
30 He continued to state that once the Notice of Completion is filed, the District would make the final
31 payment to Ranger Pipeline.

1 On motion of Director Petterle, seconded by Director Baker and unanimously carried, the
2 Board authorized the General Manager to execute and file a Notice of Completion for the Recycled
3 Water Expansion North Service Area – Segment 2 project.

4 **APPROVE: RECYCLED WATER EXPANSION PROJECT SOUTH SERVICE AREA- URS**
5 **CONSTRUCTION MANAGEMENT SERVICES CONTRACT TERMINATION**

6 Mr. McIntyre reminded the Board of the problems that have occurred in the Recycled Water
7 Expansion Project South Service project and stated that the District takes full responsibility for
8 addressing the challenges, including addressing the customers' concerns and that the District is
9 taking appropriate actions to make changes. He stated that URS Construction had the construction
10 management contract with the District to complete Phases 1 and 2 of the South Service Area. He
11 informed the Board that in order to do everything necessary to minimize the likelihood of similar
12 situations repeating during the Phase 2 project construction, staff recommends that the contract with
13 URS for construction management services be terminated.

14 On motion of Director Rodoni, seconded by Director Baker and unanimously carried, the
15 Board authorized the General Manager to terminate the agreement between URS Corporation and
16 the District for Phase 2 construction management services for the Recycled Water South Service
17 Area Project.

18 **APPROVE: RECYCLED WATER EXPANSION TO NORTH AND SOUTH SERVICE AREA**
19 **PROJECTS- AMENDEMENT TO THE COVELLO GROUP'S CONSTRUCTION MANAGEMENT**
20 **CONTRACT**

21 Mr. McIntyre informed the Board that there were additional costs for the construction
22 management services in the North Service area. He stated that to date The Covello Group has
23 expended \$55,300 on additional costs above and beyond the original contract related to the North
24 Service Area Recycled Water Expansion construction project. He continued to state that some of
25 the additional items which resulted in extended construction duration were: Plum Street Tank
26 corrosion, extended geotechnical and compaction testing services, night work requiring two shifts
27 per day and contaminated soil and groundwater.

28 Mr. McIntyre stated that with the termination of the URS Corporation contract, the District
29 needs another construction manager and recommends The Covello Group perform those services
30 for the Recycled Water Phase 2 project. He said that the District has had good success with The
31 Covello Group. Mr. McIntyre informed the Board that the additional cost for the South Service Area
32 tasks already performed would cost \$14,700 plus an additional \$270,386 for South Service Area
33 Phase 2 construction management services; therefore, the total amended contract proposed for The
34 Covello Group is \$340,386.

1 On motion of Director Rodoni, seconded by Director Schoonover and unanimously carried,
2 the Board authorized the General Manager to execute Amendment No. 1 between The Covello
3 Group and the District for Recycled Water North and South Service Area construction management
4 services in the amount of \$340,386.

5 **INFORMATION ITEMS**

6 **UPDATE- RECYCLED WATER SOUTH SERVICE AREA CONSTRUCTION CONTRACT- PHASE**
7 **1B AND IMPACT ON MEADOW PARK HAMILTON COMMUNITY**

8 Mr. DeGabriele informed the Board that since the last update on November 6th, the Board
9 has awarded that Argonaut Construction the contract to complete the Phase 2- Recycled Water
10 South construction and that the Board has authorized a consulting services contract with Data
11 Instincts for public outreach to the Hamilton Community for the remaining Phase 2 of the Recycled
12 Water South Service Area Project.

13 Mr. DeGabriele said that staff has also issued two purchase orders to Cagwin & Dorward,
14 the Homeowners Association (HOA) landscape contractor, one to perform a systems check of
15 irrigation zones and controllers, and another to furnish and install replacement landscaping in areas
16 of the Meadow Park community. He informed the Board that Disney Construction is completing
17 punch list work in the next couple of weeks and the District anticipates that the project will be closed
18 out by end of December with the final completion notice for Phase 1b to be considered by the Board
19 at the January 15th meeting.

20 Mr. DeGabriele stated that a concern of the Board was why utilities were so impacted. He
21 stated that Mr. McIntyre and staff went through and identified unmarked and marked utilities and that
22 most of the utilities damaged were not marked, 14 of which were the City of Novato's, and HOA
23 irrigation lines.

24 Director Baker requested information on how Underground Services Alerts (USA) works.
25 Mr. DeGabriele replied that USA is a service whereby all contractors must contact local utilities to
26 come out and mark and locate underground service lines, pipes, etc. before construction begins.

27 Meadow Park resident, Anne Sommer, thanked the Board for the quick response and for Mr.
28 DeGabriele's personal involvement in the situation. She stated that the HOA Board appointed an ad
29 hoc committee consisting of herself Janis West, Sherry Sweet, Anne Marie Kambly, and Sue
30 Durena. She advised the Board that she did receive an update from Mr. DeGabriele and wanted to
31 know what would happened if the job closed in January 2013 and there were more proposals after
32 that date. Mr. DeGabriele stated that the project would not be closed out and released until the
33 District is satisfied and everything is complete.

1 Ms. Sommer's stated that she had completed a walk through with the property manager and
2 the repairs made were substandard, sprinklers were crooked, etc. She stated that the landscape
3 Manager, Doug Gordon, has a list of repairs, and he does not want to fix anything that is on Disney
4 Construction's punch list. Mr. DeGabriele stated that the punch list is for Disney Construction and
5 that the District is relying on Mr. McIntyre to make sure the issues on the punch list are not being
6 incorporated with the landscaping issues and that Mr. Gordon has had good communication with the
7 District. Ms. Sommer requested that all emails and correspondence be forwarded to the ad hoc
8 committee as well so everyone is on the same page.

9 Mr. Roger Burstrem, Board member of the Meadow Park HOA, asked whether or not the
10 Board of the HOA's was responsible for knowing and understanding where all of the underground
11 pipes and irrigation lines are even though the City of Novato owns a part of the land.

12 Director Baker stated that all the utilities work together through USA must have a point of
13 contact to request marking underground utilities. He continued to state that the HOA would likely be
14 the point of contact, but does typically to mark and locate the lines.

15 The Meadow Park homeowners and Mr. Wrightson left the meeting.

16 **2012 VALUE INDEX**

17 Mr. DeGabriele provided the Board with a copy of a survey produced by Xylem regarding the
18 2012 Value of Water. He informed the Board that the survey is an interactive document which can
19 be viewed to determine how customers feel about their water service and entities.

20 **PROP 50 APPLICATION INVITATION FROM DEPARTMENT OF PUBLIC HEALTH**

21 Mr. McIntyre informed the Board that the District received a call from the Department of
22 Public Health regarding potential for Proposition 50 small community water system funding. He
23 responded that the District did submit a notice of intent to move forward with funding the Gallagher
24 Pipeline project. Mr. McIntyre informed the Board that the application is due by February and that he
25 is unsure of what might occur but it may be possible the District could receive some Proposition 50
26 grant money and that the selection process will be in the spring of 2013.

27 Director Rodoni asked if the District had to match funds. Mr. McIntyre responded that there
28 would be a 50/50 match to the grant.

29

1 **TAC MEETING- DECEMBER 3, 2012**

2 Mr. DeGabriele provided a brief summary of the December 3rd Technical Advisory
3 Committee (TAC) Meeting. He stated that Glen Wright from City of Santa Rosa, was elected to be
4 Vice Chair, Milenka Bates will be leaving the City of Sonoma and Linda Kelly, former Sonoma City
5 Manager, is moving to the Town of Windsor.

6 Mr. DeGabriele stated that the TAC unanimously approved a proposal to add \$3.41/AF to
7 the LRT2 sub charge in the next Sonoma County Water Agency budget to generate funds sufficient
8 to reimburse Rohnert Park and Cotati next year for their LRT2 projects. He continued to state that
9 Sonoma-Marin Saving Water Partnership's annual report has been reviewed and members will
10 receive a hard copy after first of the year.

11 Mr. DeGabriele informed the Board that the first of the Dry Creek Demonstration Projects
12 has been completed and there is a video on the Sonoma County Water Agency website showing its
13 performance during the recent storms. He stated that there will be an update on the Fish Flow
14 Project at the Public Policy Facilitating Committee meeting scheduled on December 20, 2012 and
15 would like a board member to attend.

16 **NBWA MEETING- DECEMBER 7, 2012**

17 President Fraites stated that he will attend the NBWA meeting on Friday.

18 **MISCELLANEOUS**

19 The Board received the following miscellaneous information: Disbursements, Yuba
20 County Water Agency Signals Intent to Sue Over Jeopardy Opinion, Public Policy Facilitating
21 Committee Meeting 12/20/12 and Letter Agreement with MMWD RE Use of Gallagher Well
22 Power for MMWD Fish Monitoring System.

23 The Board also received the following news articles: Ex-Sonoma County counsel in line
24 for interim Marin job, Novato Fire Chief retires abruptly, former county chief takes over
25 immediately, Record number of salmon return to Russian River, MALT announces new
26 executive director and Bates to leave Public Works Department.

27 **CLOSED SESSION**

28 In accordance with Government Code Section 54957.6; Conference with Labor Negotiators;
29 District's Designated Representatives – Chris DeGabriele and David Bentley; Employee
30 Organization – North Marin Water District Employee Association.

31

1 **OPEN SESSION**

2 Upon returning to regular session at 8:51 p.m., President Fraites stated that during the
3 closed sessions the Board had discussed the issues and no reportable action had been taken.

4 **ADJOURNMENT**

5 President Fraites adjourned the meeting at 8:52 p.m.

6 Submitted by
7
8

9
10 Katie Young
11 District Secretary

NORTH MARIN WATER DISTRICT
MONTHLY PROGRESS REPORT FOR November 2012
 December 18, 2012

1.

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

Month	FY12/13	FY11/12	FY10/11	FY09/10	FY08/09	13 vs 12 %
July	389	371	379	360	419	5%
August	396	373	368	367	417	6%
September	346	347	358	335	393	0%
October	283	249	278	233	313	14%
November	166	183	164	176	173	-10%
FYTD Total	1,580	1,523	1,547	1,471	1,715	4%

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

Month	FY12/13	FY11/12	FY10/11	FY09/10	FY08/09	13 vs 12 %
July	9.8	9.2	9.9	10.0	11.8	6%
August	9.7	9.4	9.9	10.6	11.9	3%
September	8.3	8.7	9.2	9.6	10.2	-5%
October	7.4	6.5	7.8	6.9	9.8	14%
November	5.2	5.1	4.9	5.6	7.2	1%
FYTD Total	40.5	39.1	41.8	42.6	50.8	4%

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

Month	FY12/13	FY11/12	FY10/11	FY09/10	FY08/09	13 vs 12 %
July	49	115	109	152	131	-58%
August	83	126	108	150	128	-34%
September	72	77	112	155	117	-6%
October	88	113	111	80	81	-22%
November	64	106	95	0	0	-40%
FYTD Total	355	537	536	537	458	-34%

Recycled Water Production - in Million Gallons - FY to Date

Month	FY12/13	FY11/12	FY10/11	FY09/10	FY08/09	13 vs 12 %
July	11.2	11.0	11.9	12.0	13.6	2%
August	10.5	12.2	11.2	12.9	13.6	-14%
September	8.5	9.6	9.5	10.2	10.9	-11%
October	0.0	0.0	2.6	2.6	6.4	-
November	0.0	0.0	0.0	0.0	0.0	-
FYTD Total	30.2	32.8	35.2	37.7	44.5	-8%

2. Stafford Lake Data

	November Average	November 2011	November 2012
Rainfall this month	3.2 Inches	1.1 Inches	5.7 Inches
Rainfall this FY to date	5.1 Inches	4.6 Inches	7.6 Inches
Lake elevation*	187 Feet	179.1 Feet	180.2 Feet
Lake storage**	925 MG	431.6 MG	431.6 MG

* Spillway elevation is 196.0 feet

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

Temperature (in degrees)

	Minimum	Maximum	Average
November 2011 (STP)	39	80	55
November 2011 (Novato)	37	83	57
November 2012 (STP)	41	88	60
November 2012 (Novato)	36	91	62

3. Number of Services

November 30	Novato Water			Recycled Water			West Marin Water			Oceana Marin Swr		
	FY13	FY12	Incr %	FY13	FY12	Incr %	FY13	FY12	Incr %	FY13	FY12	Incr %
Total meters installed	20,760	20,743	0.1%	9	3	200%	819	818	0.1%	-	-	-
Total meters active	20,495	20,473	0.1%	4	2	100%	776	772	0.5%	-	-	-
Active dwelling units	23,940	23,866	0.3%	0	0	-	811	805	0.7%	227	227	0.0%

4. Oceana Marin Monthly Status Report (November)

Description	FY 12-13	FY 11-12
Effluent Flow Volume (MG)	610,630	503,841
Irrigation Field Discharge (MG)	0	637,000
Treatment Pond Freeboard (ft)	3.3	3.4
Storage Pond Freeboard (ft)	7.4	6.9

5. Developer Projects Status Report (November)

Job No.	Project	% Complete	% This month
2752	Hamilton Nursery	97	2
2756	Circle Bank	99	2
2765	NSD Del Oro Lagoon	100	5

District Projects Status Report - Const Dept (November)

Job No.	Project	% Complete	% This month
6600.69	Dam Concrete Apron Repair	70	70

Employee Hours to Date, FY 12/13

As of Pay Period Ending November 30, 2012
Percent of Fiscal Year Passed = 42%

Developer Projects	Actual	Budget	% YTD Budget	District Projects	Actual	Budget	% YTD Budget
Construction	699	1,694	41	Construction	1,259	3,815	33
Engineering	169	1,393	13	Engineering	2,305	3,855	60

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) (\$)
FY through Nov 13	0	0	0	0	2	2,487
FY through Nov 12	0	0	0	0	1	1,700

Days without a lost time accident through November 30, 2012 = 292 days

7. Energy Cost

FYE		October			Fiscal Year-to-Date thru October		
		Kwh	¢/Kwh	Cost/Day	Kwh	¢/Kwh	Cost/Day
2013	Stafford TP	56,479	17.1¢	\$311	144,605	18.2¢	\$170
	Pumping	244,603	11.4¢	\$1,068	876,126	12.6¢	\$827
	Other*	39,711	19.8¢	\$246	166,732	21.3¢	\$224
		340,794	13.3¢	\$1,677	1,187,464	14.5¢	\$1,243
2012	Stafford TP	82,528	16.8¢	\$434	369,711	16.6¢	\$499
	Pumping	130,959	14.8¢	\$719	672,602	14.6¢	\$837
	Other*	39,608	21.3¢	\$291	168,789	21.4¢	\$298
		253,095	16.5¢	\$1,491	1,211,102	16.1¢	\$1,642
2011	Stafford TP	92,100	17.0¢	\$558	385,800	16.5¢	\$514
	Pumping	123,985	15.1¢	\$1,042	707,399	14.7¢	\$939
	Other*	45,544	21.0¢	\$320	192,948	20.7¢	\$325
		261,629	16.8¢	\$1,912	1,286,147	16.2¢	\$1,778

*Other includes West Marin Facilities

8. Water Conservation Update

	Month of November 2012	Fiscal Year to Date	Program Total to Date
High Efficiency Toilet (HET) Rebate (\$150 each)	21	103	2519
Retrofit Certificates Filed	27	174	4631
Cash for Grass Rebates Paid Out	0	17	505
Washing Machine Rebates	25	103	6002
Water Smart Home Survey	3	94	1334

9. Utility Performance Metric

CUSTOMER SERVICE INTERRUPTIONS	November Customers Impacted
PLANNED	
Duration Between 0.5 and 4 hours	5
Duration Between 4 and 12 hours	
Duration Greater than 12 hours	
UNPLANNED	
Duration Between 0.5 and 4 hours	19
Duration Between 4 and 12 hours	
Duration Greater than 12 hours	

SERVICE LINES REPLACED	November
Polybutylene	6
Copper (Replaced or Repaired)	1

NORTH MARIN WATER DISTRICT

Summary of Complaints & Service Order November 2012

Prepared: 12/10/12

<u>Type</u>	<u>Nov-12</u>	<u>Nov-11</u>	<u>Action Taken November 2012</u>
<u>Consumers' System Problems</u>			
Service Line Leaks	20	22	Notified Consumer
Meter Leak Consumer's Side	1	0	Notified Consumer
House Plumbing	0	0	~
Noisy Plumbing	0	0	~
Seepage or Other	0	0	~
House Valve / Meter Off	4	2	Turned Back On
Nothing Found	7	3	Notified Consumer
Low Pressure	1	1	Problem with PRV. Customer Notified.
High Pressure	0	1	~
Water Waster Complaints	0	0	~
Total	33	29	
<u>Service Repair Reports</u>			
Register Replacements	0	0	~
Meter Replacement	3	0	Replaced
Meter Box Alignment	0	0	~
Meter Noise	0	0	~
Dual Service Noise	0	0	~
Box and Lids	1	0	Replaced
Water Off/On Due To Repairs	5	3	Notified Customer
Misc. Field Investigation	5	1	Notified Customer
Total	14	4	
<u>Leak NMWD Facilities</u>			
Main-Leak	0	0	~
Mains-Nothing Found	0	0	~
Mains-Damage	1	0	Repaired
Service- Leak	6	9	Repaired
Services-Nothing Found	5	3	Notified Customer
Service-Damaged	0	0	~
Fire Hydrant-Leak	0	1	~
Fire Hydrants-Nothing Found	0	0	~
Fire Hydrants-Damaged	0	1	~
Meter Replacement	0	0	~
Meters-Leak	0	0	~
Meters-Nothing Found	0	0	~
Meters Damaged	0	0	~
Washer Leaks	5	3	Replaced
Total	17	17	
<u>High Bill Complaints</u>			
Consumer Leaks	10	9	Notified Customer
Meter Testing	0	0	~
Meter Misread	6	1	Notified Customer
Nothing Found	31	22	Notified Customer
Projected Consumption	0	0	~
Excessive Irrigation	1	0	Notified Customer
Total	48	32	

NORTH MARIN WATER DISTRICT

Summary of Complaints & Service Order November 2012

Prepared: 12/10/12

Type	Nov-12	Nov-11	Action Taken November 2012
Low Bill Reports			
Meter Misread	0	1	~
Stuck Meter	0	0	~
Nothing Found	0	1	~
Projected Consumption	0	0	~
Minimum Charge Only	0	0	~
Total	0	2	

Water Quality Complaints

Taste and Odor	1	0	<p>Customer complained water from refrigerator filter tasted bad. (Andreas Cir) Off tasting water most likely due to refrigerator sitting for three weeks without use. All results are normal for NMWD water.</p>
Color	0	2	~
Turbidity	0	0	~
Suspended Solids	0	0	~
Other	2	0	<p>Customer reported stomach ached after drinking water. (Carmel Dr) Water samples were absent of bacterial contamination. Chlorine was adequate to disinfection. Customer was notified of results.</p> <p>Customer reported worms were present in leaking bathroom sink faucet. (Marion Ave) Worms were determined to be fly larvae attracted to moisture from leaking faucet. Customer was notified of findings.</p>

Total	3	2	
TOTAL FOR MONTH:	115	86	34%

Fiscal YTD Summary

Consumer's System Problems	220	192
Service Repair Report	75	41
Leak Complaints	127	144
High Bill Complaints	323	211
Low Bills	1	5
Water Quality Complaints	22	23
Total	768	616

Change Primarily Due To

15%	Increase In Nothing Found
83%	Increase In Water Off/On Due to Repairs
-12%	Decrease In Service Line Leak
53%	Increase In Nothing Found
-80%	Decrease In Nothing Found
-4%	Decrease In Color
25%	

NORTH MARIN WATER DISTRICT

Summary of Complaints & Service Order November 2012

Prepared: 12/10/12

<u>Type</u>	<u>Nov-12</u>	<u>Nov-11</u>	<u>Action Taken November 2012</u>
<u>"In House" Generated and Completed Work Orders</u>			
<u>Check Meter:</u> possible consumer/District leak, high bill, flooded, need read, etc.	164	201	
<u>Change Meter:</u> leaks, hard to read	4	9	
<u>Possible Stuck Meter</u>	3	2	
<u>Repair Meter:</u> registers, shut offs	0	0	
<u>Replace Boxes/Lids</u>	1	6	
<u>Hydrant Leaks</u>	0	0	
<u>Trims</u>	9	22	
<u>Dig Outs</u>	11	38	
<u>Letters to Consumer:</u> meter obstruction, trims, bees, gate access, etc.	0	0	
<u>Misc:</u> locate meter, get meter number, cross connection follow ups, kill service, etc.	0	0	
	<u>192</u>	<u>278</u>	

Bill Adjustments Under Board Policy:

November 12 vs. November 11

Nov-12	31	\$10,692
Nov-11	42	\$11,518

Fiscal Year to Date vs. Prior FYTD

12/13 FYTD	200	\$64,606
11/12 FYTD	150	\$35,939

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MEMORANDUM

To: Board of Directors

December 14, 2012

From: David L. Bentley, Auditor-Controller 

Subj: Auditor-Controller's Monthly Report of Investments for November 2012

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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 \$8,949,059 and a market value of \$8,958,649. During November the cash balance decreased by \$1,295,196. For the fiscal year, the cash balance decreased \$1,560,333. The market value of securities held decreased by \$1,008 during the month. The ratio of total cash to budgeted annual operating expense, excluding the \$6,658,262 unexpended balance of the Bank of Marin loan, stood at 19%, down 10% from the prior month. This compares to the District's target ratio of 90%, or \$11 million. To date, \$6,198,315 has been advanced for the recycled water expansion project pending receipt of grant and SRF Loan funds.

At November 30, 2012, 79% of the District's Portfolio was invested in California's Local Agency Investment Fund (LAIF), and 14% in Time Certificate of Deposits placed in banks. The weighted average maturity for the portfolio was 40 days, compared to 39 days at the end of last month. The LAIF interest rate for the month was 0.32%, compared to 0.34% the previous month. The weighted average Portfolio rate was 0.41%, compared to 0.39% the previous month. Including interest paid by Black Point Partners on the StoneTree Golf Club Recycled Water Facilities Loan, the District earned \$24,510 in interest revenue during November with 78% earned by Novato Water and the balance distributed to the other improvement districts.

State Controller John Chiang's November report on California's financial position stated:

"November's disappointing revenues stand in stark contrast to recent news that California is leading the nation in job growth, has significantly improved its cash liquidity to pay bills, and even long-distressed home values are starting to inch upward. This serves as a sobering reminder that, while the economy is expanding, it is doing so at a slow and uneven pace that will require the State to exercise care and discipline in how its fiscal affairs are managed in the coming year."

**NORTH MARIN WATER DISTRICT
AUDITOR-CONTROLLER'S MONTHLY REPORT OF INVESTMENTS
November 30, 2012**

Type	Description	S&P Rating	Purchase Date	Maturity Date	Cost Basis ¹	11/30/2012 Market Value	Yield ²	% of Portfolio
LAIF	State of CA Treasury	A	Various	Open	\$7,090,596	\$7,099,244	0.32% ³	79%
Time Certificate of Deposit								
TCD	Bank of Marin	n/a	6/3/11	6/3/13	\$1,000,000	\$1,000,000	1.00%	11%
TCD	Ally Bank	n/a	9/28/12	10/1/14	248,000	248,000	0.85%	3%
					<u>\$1,248,000</u>	<u>\$1,248,000</u>	<u>0.97%</u>	<u>14%</u>
Other								
Agency	Marin Co Treasury	AA+	Various	Open	\$334,088	\$334,088	0.22%	4%
Bond	Olema G.O. Bond	A+	5/31/91	1/1/15	11,213	12,156	5.00%	0%
Other	Various	n/a	Various	Open	265,163	265,163	0.00%	3%
TOTAL IN PORTFOLIO					\$8,949,059	\$8,958,649	0.41%	100%

Weighted Avg. Maturity = 40 Days

LAIF: State of California Local Agency Investment Fund.

TCD: Time Certificate of Deposit

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

Bond: Annual \$4,113 payment is paid by tax levy on Olema residents.

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 November 30, 2012.

Interest Bearing Loans	Loan Date	Maturity Date	Original Loan Amount	Principal Outstanding	Interest Rate
Black Point Partners-BPGL	6/30/06	2/28/24	\$3,612,640	\$2,462,401	2.40%
Employee Housing Loans (8)	Various	Various	1,441,785	1,441,785	Contingent
Employee Computer Loans (7)	Various	Various	13,264	4,059	1.66% (avg)
TOTAL INTEREST BEARING LOANS			\$5,067,689	\$3,908,245	

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

MEMORANDUM

To: Board of Directors

December 14, 2012

From: David L. Bentley, Auditor-Controller

Subj: Salary and Benefits Agreement with NMWD Employee Association

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RECOMMENDED ACTION: Approve

FINANCIAL IMPACT: Projected Annual Labor Cost Increase of 2.5%

The District has reached agreement with NMWD Employee Association. The 46 members of the Employee Association voted 28-15 to approve the attached Tentative Agreement. A summary of the changes to the existing labor agreement, which expired September 30, 2012, is as follows:

- 1) Effective on January 1, 2013, the District contribution to the employee cafeteria plan will be reduced from 90% of the Kaiser medical premium amount to 85%;
- 2) Effective on January 1, 2013, employees will contribute 1.6% of salary toward the cost of CalPERS retirement benefits. Effective October 1 of 2013 and on each subsequent October 1 through 2016, employees will contribute an additional 1.6% of salary, until employees are paying a total of 8% toward the cost of CalPERS retirement benefits;
- 3) Effective on January 1, 2013, employees will receive a 1.6% salary increase. Effective October 1, 2013 and on each subsequent October 1 through 2016, employees will receive a 1.6% salary increase;
- 4) Effective on October 1, 2012, and on each subsequent October 1 of this agreement, employees shall receive a cost of living adjustment (COLA) equal to the percentage change in the CPI less 0.3%;
- 5) Six year agreement term – through September 30, 2018.

The cost of the package is calculated to increase the District's labor cost in year six by \$787,000¹, equivalent to a 2.4% annual increase.

Recommendation:

Authorize the General Manager to execute the Memorandum of Understanding with the NMWD Employee Association.

¹ The \$857,000 cost projection is based upon historical averages and assumes annual consumer price increases of 3% and annual medical cost increases of 7.3% over the life of the agreement.

Cost of Living Adjustment	2.45%	Item 4
Cafeteria Contribution	-0.17%	Item 1
Retirement Cost	0.15%	Items 2&3
	<u>2.44%</u>	

TENTATIVE AGREEMENT
BETWEEN THE
NORTH MARIN WATER DISTRICT
AND
NORTH MARIN WATER DISTRICT EMPLOYEE ASSOCIATION

As a result of meeting/confer sessions pursuant to Government Code Section 3500 *et seq.*, the Parties have reached the following tentative agreement.

11. Insurance Benefits

B. Health Insurance

Coverage is available the first of the month following three full months of employment for full-time and part-time employees.

The District contracts for health insurance through the California Public Employees' Retirement System (CalPERS). Through the CalPERS health program, employees can choose from a number of different plans. Some are Health Maintenance Organizations (HMO) and some are Preferred Provider Organizations (PPO) Plans. The CalPERS Basic Health Plans booklet contains information about the HMO and PPO Plans. Detailed information for each plan is available for your review by contacting the Auditor-Controller or Human Resources Supervisor. This information supersedes and takes precedence over the summary of these plans set forth in this agreement.

The District reserves the right to change these plans at any time, in its sole discretion, consistent with any legal obligations it may have.

The District shall contribute up to \$3,830 per year to the CalPERS Health Plan proportionate to the employee's full-time equivalent (FTE) status.

Under IRC Section 125, the District will make the following annual contributions for employees into a qualified Cafeteria Plan effective ~~October 1, 2009~~ January 1, 2013:

Single employees shall receive \$137 plus ~~90~~85% of the current year Kaiser Basic Medical Plan annual employee-only premium amount less \$3,830 proportionate to the employee's FTE status, e.g. $(\$137 + \text{9085\%} \times \text{Current Premium Amount}) - \$3,830 \times \text{FTE Status}$.

Employees with one dependent shall receive \$137 plus ~~90~~85% of the current year Kaiser Basic Medical Plan annual 2-party premium amount less \$3,830 proportionate to the employee's FTE status.

Employees with two or more dependents shall receive \$137 plus ~~90~~85% of the current year annual family Kaiser Basic Medical Plan annual family premium amount less \$3,830 proportionate to the employee's FTE status.

Employees who provide acceptable proof of alternative insurance for themselves and all dependents may use the Cafeteria Plan contribution for purposes other than supplemental medical insurance as follows:

- a) Employee may utilize this money to purchase supplemental medical, dental and vision insurance for self or dependent family members; and/or,
- b) Employee may elect to contribute the money to the District's 457 deferred compensation plan; and/or,
- c) Employee may take this money as a cash payment.

The Cafeteria Plan contributions shall be adjusted annually in an amount equal to ~~90~~85% of the change in the Kaiser Basic Medical Plan premium amount based on family status, i.e., employee only, employee and one dependent, employee and two or more dependents.

12. Retirement

Participation in the California Public Employees' Retirement System (CalPERS) Pension Plan is mandatory and is effective upon employment for all full-time and part-time employees.

Benefits are based on the average monthly pay earned during the final (or highest) year of service. The basic, unmodified formula is 2.5% x number of years of credited service x monthly pay = monthly benefit for retirement at age 55. Employees who have been covered under Social Security during their CalPERS employment must use the modified formula in calculating their monthly benefit; i.e. 2.5% x number of years credited service x (monthly pay less \$133.33) = monthly benefit for retirement at age 55. Several options are also available to have benefits paid to a surviving beneficiary in the event of death or retirement.

~~The District pays the total cost (District and Employee Contribution) of this coverage.~~

Effective on January 1, 2013, all employees (including all employees hired on or after January 1, 2013) will contribute 1.6% of salary toward the cost of CalPERS retirement benefits. Effective October 1, 2013 and on each subsequent October 1 through October 1, 2016, all employees (including all employees hired on or after January 1, 2013) will contribute an additional 1.6% of salary toward the cost of CalPERS retirement benefits, until employees are paying a total of 8% toward the cost of CalPERS retirement benefits.

21. Wages

~~There shall be no cost of living adjustment (COLA) during the duration of this MOU Amendment. Scheduled step, merit or promotional increases may be authorized by the District for specific classifications during the duration of this MOU Amendment.~~

Effective January 1, 2013, employees shall receive a 1.6% salary increase. Effective October 1, 2013 and on each subsequent October 1 through 2016, employees shall receive a 1.6% salary increase

Commencing on October 1, 2012, and on each subsequent October 1 of this agreement, employees shall receive a cost of living adjustment (COLA) equal to the percentage change in the CPI as measured by the CPI-U San Francisco Bay Area (September 1 of the previous year through August 31 of the current year), less 0.3%, except that if said CPI increase is less than 0.3% there shall be no COLA.

24. Duration

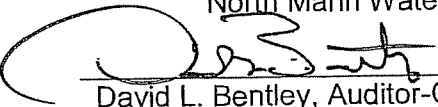
This MOU Amendment shall be in effect from October 1, 2012~~4~~ through September 30, 2018~~2~~.

25. Other provisions

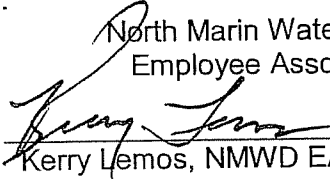
All other provisions of the Memorandum of Understanding between North Marin Water District and the North Marin Water District Employee Association, as agreed upon in the parties' amendments dated January 20, 2010~~September 21, 2011~~, shall remain in effect throughout the duration of this MOU.

Made and entered into this 12th day of December 2012.

North Marin Water District


David L. Bentley, Auditor-Controller


North Marin Water District
Employee Association


Kerry Lemos, NMWD EA Chair

MEMORANDUM

To: Board of Directors

December 14, 2012

From: Chris DeGabriele, General Manager 

Subj: Salary and Benefits Agreement with NMWD Unrepresented Employees

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RECOMMENDED ACTION: Approve

FINANCIAL IMPACT: Projected Annual Labor Cost Increase of 2.5%

Consistent with the agreement reached with the NMWD Employee Association, the four unrepresented employees (Auditor-Controller, Chief Engineer, Accounting/HR Supervisor and District/Administrative Secretary) have agreed to the same salary and benefit package as heretofore presented.

The cost of the package is calculated to increase the District's labor cost in year six by \$125,000, equivalent to a 2.4% annual increase.

Recommendation:

Approve the salary/benefits changes for unrepresented employees consistent with the represented employee agreement.

MEMORANDUM

To: Board of Directors

December 14, 2012

From: David L. Bentley, Auditor-Controller 

Subj: Salary Schedule Revision

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RECOMMENDED ACTION: Approve

FINANCIAL IMPACT: 4.1% Increase from Schedule Adopted Effective October 1, 2010

On August 19, 2011, Title 2 of the California Code of Regulations, section 570.5 was added providing that every CalPERS agency's pay schedule be approved and adopted by the agency's governing body pursuant to public meeting laws. The District's Salary Schedule, revised per the Tentative Labor Agreement recently negotiated, is attached for your review and approval.

RECOMMENDATION:

Approve the District Salary Schedule for salaries to be effective January 1, 2013.

NORTH MARIN WATER DISTRICT
Employee Salary Ranges and Job Classifications

h:\excel\personnel\salary schedule\salary sched 13b.xlsx\sal sched

Revised 12/12/2012

Effective January 1, 2013

JOB CLASSIFICATION	Beg	6 Mo	18 Mo	24 Mo	Merit
<u>ADMINISTRATION DEPARTMENT</u>					
Receptionist/Cashier	3,529	3,705	3,890	4,085	4,289
Account/Credit Clerk II	4,090	4,294	4,509	4,734	4,971
Accounting Clerk II	4,090	4,294	4,509	4,734	4,971
Field Service Representative	4,121	4,327	4,543	4,770	5,008
Storekeeper/Safety Coordinator	4,526	4,752	4,990	5,240	5,502
Consumer Services Supervisor	5,779	6,068	6,371	6,690	7,025
Senior Accountant	6,035	6,337	6,654	6,987	7,336
Administrative Secretary	6,105	6,410	6,730	7,066	7,419
Accounting/HR Supervisor	7,135	7,492	7,867	8,260	8,673
Auditor-Controller	9,518	9,994	10,494	11,019	11,570
<u>CONSTRUCTION / MAINTENANCE DEPARTMENT</u>					
Laborer	3,463	3,636	3,818	4,009	4,209
Pipe Worker Assistant	3,935	4,132	4,339	4,556	4,784
Pipe Worker	4,561	4,789	5,028	5,279	5,543
Heavy Equipment Operator	4,639	4,871	5,115	5,371	5,640
Maintenance Foreman	5,427	5,698	5,983	6,282	6,596
Pipeline Foreman	5,427	5,698	5,983	6,282	6,596
Construction/Maintenance Superintendent	7,646	8,028	8,429	8,850	9,292
<u>ENGINEERING DEPARTMENT</u>					
Engineering Secretary	4,258	4,471	4,695	4,930	5,176
Engineering Services Rep	4,658	4,891	5,136	5,393	5,663
Engineering Technician III	4,956	5,204	5,464	5,737	6,024
Engineering Technician IV	5,545	5,822	6,113	6,419	6,740
Water Conservation Coordinator	7,004	7,354	7,722	8,108	8,513
Associate Civil Engineer	7,440	7,812	8,203	8,613	9,044
Chief Engineer	8,766	9,204	9,664	10,147	10,654

NORTH MARIN WATER DISTRICT
Employee Salary Ranges and Job Classifications
Effective January 1, 2013

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
Revised 12/12/2012

JOB CLASSIFICATION	Beg	6 Mo	18 Mo	24 Mo	Merit
<u>OPERATIONS / MAINTENANCE DEPARTMENT</u>					
Laboratory Technician	3,673	3,857	4,050	4,253	4,466
Building & Grounds Maintenance Tech I	4,010	4,210	4,420	4,641	4,873
Cross Connection Control Tech I	4,010	4,210	4,420	4,641	4,873
Assistant Water Distrib & TP Operator	4,181	4,390	4,609	4,839	5,081
Auto/Equipment Mechanic	4,561	4,789	5,028	5,279	5,543
Technical Assistant II	4,722	4,958	5,206	5,466	5,739
Electrical/Mechanical Technician	5,009	5,259	5,522	5,798	6,088
Treatment Plant Operator	5,201	5,461	5,734	6,021	6,322
Water Distrib & TP Operator	5,201	5,461	5,734	6,021	6,322
Sr. Electrical/Mechanical Tech	5,427	5,698	5,983	6,282	6,596
Senior Treatment Plant Operator	5,592	5,872	6,166	6,474	6,798
Chemist II	5,790	6,080	6,384	6,703	7,038
Senior Chemist	6,368	6,686	7,020	7,371	7,740
Maintenance Supervisor	6,454	6,777	7,116	7,472	7,846
Distrib & Treatment Plant Supervisor	7,004	7,354	7,722	8,108	8,513
Water Quality Supervisor	7,241	7,603	7,983	8,382	8,801
Operations/Maintenance Superintendent	8,301	8,716	9,152	9,610	10,090

MEMORANDUM

To: Board of Directors

December 14, 2012

From: Dianne Landeros, Accounting/HR Supervisor 

Subj: CalPERS Resolution to Reduce District Contribution
t:\finance\memos\bod pers employee contribution.docx

RECOMMENDED ACTION: Approve CalPERS Resolution

FINANCIAL IMPACT: Reduce the District paid Retirement contribution by 1.6%

On December 12, 2012 the NMWD Employee Association approved a Tentative Agreement revising the Labor Memorandum of Understanding with the District. Section 12 (Retirement) of the MOU provides that employees will contribute 1.6% of salary toward the cost of the CalPERS retirement benefits. This provision is to be effective January 1, 2013. Effective October 1, 2013 and each subsequent October 1 through the year 2016, employees will contribute an additional 1.6% of their salary toward the retirement benefits, until employees are paying a total of 8% toward the cost of CalPERS retirement benefits.

Attached is CalPERS required Resolution for Employer Paid Member Contributions for the first year to change the District paid employee contribution to 6.4% (from 8% currently).

Recommendation

Authorize President Fraites to execute the attached resolution.

**DRAFT
RESOLUTION 12-**

**RESOLUTION OF THE BOARD OF DIRECTORS OF
NORTH MARIN WATER DISTRICT
RESOLUTION FOR EMPLOYER PAID MEMBER CONTRIBUTIONS**

WHEREAS: The Board of Directors of the North Marin Water District has the authority to implement Government Code Section 20691;

WHEREAS: The Board of Directors of the North Marin Water District has a written labor agreement which specifically provides for the normal member contributions to be paid by the employer;

WHEREAS: One of the steps in the procedure to implement Section 20691 is the addition by the Board of Directors of the North Marin Water District of a Resolution to commence said Employer Paid Member/Contributions (EPMC);

WHEREAS: The Board of Directors of the North Marin Water District has identified the following conditions for the purpose of its election to pay EPMC:

- This benefit shall apply to all employees of North Marin Water District.
- This benefit shall consist of paying 6.4% of the normal member contributions as EPMC.
- The effective date of this Resolution shall be January 1, 2013.

NOW, THEREFORE, BE IT RESOLVED:

That the Board of Directors of the North Marin Water District elects to pay EPMC, as set forth above.

Dated at Novato, California
December 18, 2012

December 18, 2012
To be effective 1/1/2013

Rick Fraites, President
North Marin Water District

* * * * *

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 18th day of December 2012 by the following vote:

AYES: Directors
NOES:
ABSENT:
ABSTAINED:

Katie Young, District Secretary
North Marin Water District

(SEAL)



**NORTH MARIN
WATER DISTRICT**

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

PHONE

415.897.4133

FAX

415.892.8043

EMAIL

info@nmwd.com

WEB

www.nmwd.com

December 13, 2012

Jay Jasperse, Chief Engineer
Sonoma County Water Agency
404 Aviation Blvd.
Santa Rosa, CA 95403

Re: North Marin Water District Comments on the SCWA Water Supply Strategies Action Plan Update 2012.

Dear Mr. Jasperse: *Jay*

Enclosed please find the subject comments hand annotated on the copy distributed to the Technical Advisory Committee, November 30, 2012. Also enclosed is the 10 Year Summary of Planned Water Supply & Reliability Projects showing that the Stafford Lake Solar Project has been completed in year 2012, as scheduled; and the Summary of Changes to the 2011 Water Supplies Strategies Action Plan with NMWD hand annotated comments (only on strategy #3). Note that NMWD prefers the Strategy titles used in this Summary of Changes to the actual titles used in the detailed Strategy action descriptions.

Finally, as was done last year, we recommend an Executive Summary be provided to highlight the important changes made in the 2012 update from last year's version.

Thank you for the opportunity to comment.

Sincerely,

Chris DeGabriele
General Manager

Enclosures

CC: Technical Advisory Committee

CD/kly

t:\gm\scwa\water policy statement\letter re water supply strategies action plan update 2012.doc

Water Supply Strategy One

ENSURE ADEQUATE SUMMERTIME WATER FLOW THROUGH DRY CREEK VALLEY

Immediate Action One:

Habitat enhancement, as required by the Biological Opinion, to increase capability of Dry Creek to accommodate summer flows while protecting coho and steelhead.

A. Project: Demonstration project

Build Mile One of Dry Creek habitat enhancement by 2014.

STATUS: The design is complete. Landowner right of way process is underway. Construction has begun with a completed backwater segment at the northern end of the project. The majority of construction on Mile One is slated for summer 2013.

Involved Parties (A and B):

- Dry Creek property owners, NMFS, US Army Corps of Engineers (USACE), CDFG, Water Contractors, community groups

B. Project: Development of success measures

Develop criteria for measuring success of Dry Creek habitat enhancement program.

STATUS: A facilitated process to develop and implement specific success criteria is ongoing, and anticipated to be complete in early 2013. The process includes the Water Agency, NMFS, USACE and CDFG.

Involved Parties:

- NMFS, USACE, CDFG

C. Project: Construct Miles Two and Three of Dry Creek Habitat enhancement by 2017 **NEW!**

Using results of completed feasibility study, complete construction of miles 2 and 3 by 2017.

Reach out to landowners whose property has been identified as having high potential of success for habitat improvements.

STATUS: Outreach has begun to property owners.

Involved Parties:

- Dry Creek property owners, NMFS, CDFG, **USACE**

The 2011 update said contractors will be kept apprised of the status of feasibility that hasn't happened with any specific info.

X

Immediate Action Two:

Reduce peak demands that affect Warm Springs Dam releases (also see Strategy 8)

A. Project: New reuse

Pursue reuse projects involving Water Agency including Windsor (Airport Service Area) and Sonoma Valley (Sonoma Valley County Sanitation District -- SCVSD).

STATUS: Windsor and the Water Agency are working on market analysis and lifecycle cost assessment as a follow-up to completed feasibility study of recycled water project. In Sonoma Valley, the sanitation district designed and constructed a pipeline and storage facilities, partially funded through a Bureau of Reclamation grant. The district is seeking additional funding for new pipeline extensions.

Involved Parties:

- Windsor (in Airport area). In Sonoma Valley: City of Sonoma, North Bay Water Reuse Authority, SVCS, Valley of the Moon Water District, community groups

B. Project: Storage - Groundwater Banking Feasibility Study

Develop Phase 1 regional study and Phase 2 site-specific work plans to implement pilot studies for

Same comment as last year.
To me this is the most important strategy. A status of Ongoing isn't compelling that success is likely.

Immediate Action Four:

Identify and secure federal, state, and grant funding for implementation of Biological Opinion.

A. Project: Seek federal and state funding

Water Agency representatives in Washington, D.C. and Sacramento are pursuing funding for studies and projects required by the Biological Opinion.

STATUS: State grant application submitted for funding of fish screen/ladder/viewing gallery. Federal activities have been focused on USACE authority and funding for Dry Creek habitat enhancement projects. USACE received funding for a pilot enhancement project immediately below WSD.

Involved Parties:

- NMFS, USACE, CDFG, Water Contractors, community groups

B. Project: Proactively work with Water Contractors to ensure their timely assistance in funding efforts and report activities at WAC meetings.

STATUS: Ongoing

Involved Parties:

- Water Contractors

Near Term Action One:

Develop contingency plan for funding and construction of Dry Creek bypass pipeline if, contrary to expectations, habitat enhancement efforts fail.

A. Project: Bypass pipeline contingency planning

STATUS: To be determined during budget discussions after completion of habitat enhancement studies and pipeline feasibility study.

Involved Parties:

- NMFS, USACE, CDFG, Water Contractors

Near Term Action Two:

Conduct engineering and water quality analysis for Dry Creek bypass pipeline.

A. Project: Conduct bypass pipeline engineering and water quality analysis

STATUS: A study to develop and implement a plan to evaluate sediment issues at potential outlet sites (if pipeline construction is necessary) will be conducted within three years.

Involved Parties:

- NMFS, USACE, CDFG, Water Contractors

Long Term Action One:

Construct fourth, fifth and sixth miles of Dry Creek habitat enhancement, per Biological Opinion.

A. Project: Habitat enhancement

STATUS: To be completed by 2021 if first three miles restored and found successful by NMFS/CDFG in 2018.

Involved Parties:

- Dry Creek property owners, NMFS, USACE, CDFG, community groups

Water Supply Strategy Two

IMPROVE MANAGEMENT OF RUSSIAN RIVER SYSTEM TO PROTECT FISHERIES AND MEET WATER DEMANDS

Immediate Action One:

Modify Decision 1610 minimum instream flow requirements as required by Biological Opinion and make technical adjustments to existing water rights.

A. Project: Decision 1610 changes

Petition for changes to Decision 1610 instream flow requirements, as required by Biological Opinion, and develop petitions for water rights technical adjustments.

STATUS: State Water Resources Control Board (SWRCB) issued notice of Water Agency's 2009 petition, with comment period closing in May 2010. Water Agency received 384 protests to the petition. Negotiations are ongoing, but protests are not expected to be resolved until after release of Final EIR for the Fish Flow Project (see C below).

Involved Parties:

- SWRCB, Water Contractors, USACE, NMFS, CDFG, community groups

B. Project: Modeling and development of new hydrologic index

Conduct modeling for Fish Flow Project EIR using new ResSim model, updated demand profile, unimpaired flows and Biological Opinion-specified summer flows. Develop new hydrologic index with assistance from the USACE's Hydrologic Engineering Center (HEC) and the Hydrologic Index Technical Advisory Group (HITAG), comprised of representatives from state and federal agencies. STATUS: Development of new hydrologic index and minimum instream flow alternatives is in progress. Climate change modeling scheduled for winter 2013.

Involved Parties:

- USGS, NOAA, USACE, DWR, SWRCB

C. Project: Fish Flow Project Environmental Impact Report (EIR)

Prepare EIR for modified Decision 1610 minimum instream flow requirements and technical water rights

Adjustments, including new hydrologic index.

STATUS: Notice of Preparation was released in September 2010. Draft EIR anticipated to be released in 2013.

Involved Parties:

- Water Contractors, SWRCB, USACE, NMFS, CDFG, community groups

D. Project: Submit annual interim change petitions

STATUS: As per Biological Opinion, since 2010 the Water Agency has submitted petitions to SWRCB to reduce minimum flows. These petitions were approved, required monitoring and reporting was conducted and subsequent orders implemented. The Water Agency plans to submit another petition to the SWRCB in 2013.

Involved Parties:

- SWRCB, Water Contractors, NMFS, CDFG, Russian River water users, community groups

Immediate Action Two:

A. Project: Estuary Adaptive Management

DRAFT

B. Project: Local users

Develop comprehensive water use agreement with Mendocino County water districts.
STATUS: Discussion ongoing.

Involved Parties:

- Mendocino County Russian River water users, SWRCB, community groups

Immediate Action Six:

Prepare reports on Water Agency's water rights.

A. Project: Reports

Prepare annual water rights reports, detailing total water use including local supplies, water conservation savings and recycled water for offset of Russian River supplies.

STATUS: Water Agency submitted its annual water rights permit progress and licensee reports for Water Year 2011 to the SWRCB on June 29, 2012.

Involved Parties:

Water Contractors, SWRCB, other Russian River water users under contract to the Water Agency

Immediate Action Seven:

Conduct water supply reliability analysis of the upper Russian River. Evaluate existing information regarding demand/use; gather new information from users; update demand analysis; model possible future scenarios; and evaluate impacts on reliability of Lake Mendocino

A. Project: Water Supply Reliability Analysis

Implement technical work need for studies, monitoring and modeling activities described above.
STATUS: Outreach to stakeholders has begun.

Involved Parties:

- Mendocino County Russian River Flood Control and Water Conservation Improvement District, municipalities and water districts north of Dry Creek confluence, grape growers, SWRCB, other Russian River water users, community groups

Immediate Action Eight: *NEW!*

Construct new fish screens at Mirabel, in compliance with Biological Opinion.

A. Project: Build new screens at intake for infiltration ponds

Design and construct new screens and ~~fish ladders to replace outmoded ladders~~ barrier passage at inflatable dam. STATUS: Grant funding was received to design new screen, fish ladder and viewing gallery. Design is 90 percent complete and construction is slated for 2014.

Involved Parties:

CDFG, NOAA, Water Contractors

Immediate Action Nine *(NEW!)*

A. Project: Prepare for Potter Valley Project (PVP) re-licensing proceeding

PG&E's FERC license will expire in 2022. The relicensing process will likely begin in the next several years. The Water Agency and its customers must prepare to participate in the relicensing to ensure their interests and those of the Russian River ecosystem and water users are incorporated into future operation of the PVP.

Isn't this just moved from Near term?

barrier passage
barrier passage

Water Supply Strategy Three

PLAN FOR THE IMPACT OF CLIMATE CHANGE ON WATER SUPPLY & FLOOD PROTECTION

Immediate Action One:

Conduct climate change modeling for Russian River and Sonoma Valley watersheds.

A. Project: Develop Model

Develop predictive model for Sonoma Valley and Russian River watersheds that downscales large climate models to local watershed scale. Model will provide hydrology input to Water Agency's model (ResSim) and to Sonoma Valley and Santa Rosa Plain groundwater models.

STATUS: Study is underway and anticipated to be complete in 2013.

Involved Parties:

- U.S. Geological Survey (USGS)

Immediate Action Two:

Support development of Hydrometeorology Test bed (HMT) for the Russian River basin.

A. Project: Support federal partners

This demonstration project will enhance precipitation monitoring and forecasting through data collected from privately owned Doppler radar stations and will deploy additional on-the-ground weather stations. It will also improve temperature forecasting in Alexander Valley by improving NOAA's models.

STATUS: NOAA and the Water Agency are working on the demonstration program.

Involved Parties:

- NOAA, USACE, USGS, National Weather Service

Is funding from federal/other sources or SCWA?

Immediate Action Three:

Develop Adaptation Measures

A. Project: Outreach and information gathering

NEW - (wasn't identified in 2011 update)

Gather information to determine the status of various climate change adaptation activities by federal, state and local agencies and NGOs. Identify areas for collaboration and leveraging resources. These activities will support Project B (below).

STATUS: Activities began in spring 2012.

B. Develop reliability actions

Once climate change predictive modeling is complete, develop actions to increase reliability of water supply, reservoir and river management, conjunctive use, and saline water management.

STATUS: To be determined.

Involved Parties:

- USACE, Regional Climate Protection Authority, Water Contractors, community groups

Long Term Action One:

Update climate change analysis.

A. Project: To be determined

Based on advances in scientific understanding of climate processes and predictive modeling.

Involved Parties:

Water Supply Strategy Five

BUILD PARTNERSHIPS WITH STAKEHOLDERS TO FACILITATE INFORMATION-BASED WATER SUPPLY PLANNING

Immediate Action One:

Develop non-regulatory AB 3030/SB1938 management plans that emphasize local control. Emphasize development of diversified water management "portfolios" for each basin. Continue with Sonoma Valley program and initiate program in Santa Rosa Plain.

2011 update said water supply management "why is management used here?"

A. Project: Sonoma Valley

Implement Sonoma Valley groundwater management plan.

STATUS: In progress. Activities undertaken in 2011/12 include public recognition of conservation efforts, water quality sampling of recently installed monitoring wells, basinwide groundwater level monitoring, initial preparation of a salt and nutrient management plan, and public outreach. During FY12/13, the Basin Advisory Panel will conduct a 5-year update of the plan.

Involved Parties:

- Basin Advisory Panel, private well owners, community groups, City of Sonoma, Valley of the Moon Water District, other water purveyors

B. Project: Santa Rosa Plain

Develop groundwater management plan for the Santa Rosa Plain

STATUS: A Basin Advisory Panel convened in December 2011, has met monthly and has developed a charter and governance structure, defined groundwater management plan boundaries, developed draft goals and objectives and conducted constituent briefings. In October 2012, the Water Agency Board approved a resolution of intention to prepare a groundwater management plan.

Involved Parties:

- Private well owners, community groups, cities, Water Contractors, DWR, other water purveyors

Immediate Action Two:

Pursue funding opportunities enhanced by developed management plans. Ranking for state funding enhanced if groundwater management plans are in place.

A. Project: Funding

STATUS: Ongoing effort. Sonoma Valley has received three grants to date, in addition to direct DWR funding and technical support. The SVCSD recently obtained Proposition 84 funding for a salt and nutrient management planning study. Santa Rosa Plain stakeholder process has received DWR state funding for facilitator services in addition to a Proposition 84 grant to fund development of a groundwater plan. Santa Rosa Plain groundwater management process is included in North Coast IRWMP. An application for a Local Groundwater Assistance Grant was submitted to DWR for the construction of additional groundwater monitoring wells and collection of new hydrogeologic data in Sonoma Valley.

Involved Parties:

- State agencies, legislators, North Coast and San Francisco Bay IRWMP, DWR

Immediate Action Three:

Water Supply Strategy Six

IMPLEMENT PROJECTS TO IMPROVE TRANSMISSION SYSTEM RELIABILITY

Immediate Action One:

In consultation with Water Contractors, develop plan to provide consistent funding for natural hazard and operational reliability capital projects.

Projects with full or partial funding in 2011/12:

A. Project: Rodgers Creek Fault crossing mitigation

STATUS: FEMA obligated funds in October 2010 and construction was awarded in September 2012. The project is anticipated to be complete in 2013.

B. Project: Collector 3 and 5 liquefaction mitigation

STATUS: In FY 2011/12 consultant began a feasibility study to evaluate potential project alternatives. Geotechnical field investigations were completed and a Letter of Intent for FEMA funding was submitted in 2011. The risks of the conceptual designs outweighed the benefits, and so funding applications were delayed. The concepts have been revised and the Water Agency will submit a new Letter of Interest in 2013.

C. Project: Isolation valves

STATUS: The project received preliminary selection for FEMA funding. Preliminary CEQA work began in 2011/12. FEMA recently initiated NEPA review. In 2012/13 the Water Agency will prepare the CEQA documents and support NEPA review, as needed.

D. Project: Flow monitoring – Automated Meter Infrastructure

STATUS: Three base stations and 70 transmitters have been installed. The Water Agency owns 2 additional base stations but they have not been deployed yet. The current goal is to determine the range of each base station by deploying as many transmitters as possible and noting which locations are unable to communicate. This phase should be complete in winter 2013.

E. Project: Russian River crossing

STATUS: The Russian River crossing project has received preliminary selection for FEMA funding. In FY 2011/12, the anticipated FEMA initiation of NEPA review did not occur. Preliminary designs and geotechnical field investigations are complete. CEQA and detailed design have begun. In FY 2012/13, the Water Agency will continue with design work, CEQA documentation and support FEMA's NEPA review, as needed.

F. Project: River Diversion System liquefaction mitigation

DRAFT

- B. Project: Bennett Valley Fault crossing (Sonoma Aqueduct)
- C. Project: Petaluma River crossing (Petaluma Aqueduct)
- D. Project: Sonoma Creek crossing (Lawndale/Madrone)
- E. Project: Sonoma Creek crossing (Verano Ave)
- F. Project: Calabastas Creek crossing
- G. Project: Kastania Reservoir Recoat
- H. Project: Wohler-Santa Rosa Pipeline **NEW!**
- I. Project: Mirabel Infiltration Ponds rehabilitation **NEW!**
- J. Project: Systemwide in-line meter replacements **NEW!**
- K. Project: Ralphine Tanks flow-through conversion **NEW!**

STATUS:

- Green Projects: Partially or fully funded in FY 2012/2013
 - Blue Projects: Have not yet been funded
- Involved Parties Green/Blue Projects:** Varies according to project

Immediate Action Two:

Continue to pursue state and federal funding for natural hazard reliability projects.

A. Project: Seek Funding

Advocate for funding in Sacramento and Washington, D.C. Effort will be enhanced with regional implementation plan that demonstrates local stakeholder commitment.

STATUS: Ongoing.

Involved Parties:

- Water Contractors, state/federal agencies, community groups

Immediate Action Three:

Work with Water Contractors to reduce peak demand on transmission system via conservation, groundwater banking, local supply, and recycled water.

A. Project:

See Strategies 1, 4, 5, 8 and 9.

Involved Parties:

- Water Contractors, community groups

Immediate Action Four:

Continue research on natural filtration capacity of Russian River alluvial materials.

A. Project: Research on pathogen removal

Continue applied research partnership with USGS to evaluate pathogen removal mechanisms by alluvial materials.

STATUS: Ongoing. Recent Water Agency staff-written and -published results were presented at the American Geophysics Union Conference and the Canadian Water Network water quality conference.

Involved Parties:

- Water Contractors, USGS, California Department of Public Health (CDPH), U.S. Environmental Protection Agency (EPA)

DRAFT

Immediate Action Eight:

Create Mirabel Dam emergency response plan for dam failure or damage

A. Project: Prepare contingency plan

Develop short-term emergency response and long-term replacement plan for inflatable dam.

STATUS: Project was postponed to incorporate information developed during fish screen/fish ladder replacement project. In 2012/13, a consultant will be engaged and the response plan development initiated.

Involved Parties:

- Water Contractors

Immediate Action Nine:

Increase emergency preparedness and response

A. Project: Update emergency response plan

Revise and update the Water Agency's planned response to floods, earthquakes, and other disasters to reflect changes in facilities, responsibilities, and supporting documents. Implement annual review and revision process.

STATUS: Updates are 75 % complete. Final plan revisions anticipated in Winter 2012/13.

Involved Parties:

- Internal Water Agency activity

B. Project: Increase emergency preparedness drills and exercises to improve readiness

Schedule and perform an increased number of emergency drills and exercises internally and in collaboration with Water Contractors and other local agencies to improve response and recovery activities and to identify areas of improvements to Emergency Response Plan.

STATUS: Trainings conducted in 2012. Additional collaborative and internal exercises are scheduled during FY12/13.

Involved Parties:

- Internal Water Agency activity
- Water Contractors and other local agencies
- County of Sonoma

Near Term Action One:

Evaluate performance of collector wells

A. Project: Evaluate Collector Wells 1 and 2

Analyze operational performance of Water Agency's oldest collector wells and, if needed, develop a plan to increase reliability of these facilities.

Involved Parties:

- Water Contractors

Long Term Action One:

Develop emergency response capabilities for collaboration platform (Strategy 9).

STATUS: To be determined

DRAFT

Implement RESCO project to develop renewable energy portfolio for Sonoma County, including piloting organic waste digestion combined heat and power (CHP), wind, geothermal heat pumps using recycled water, and electric vehicle charging stations to run on renewables.

STATUS: In development. Expected completion 2013.

Involved Parties:

- RCPA, CPC, Los Alamos National Laboratory (LANL), Local Power Inc., community groups

C. Project: Sonoma County Efficiency Financing (SCEF) *NEW!*

Implement SCEF, a program which bundles large energy efficiency projects for local governments and non-profits, and provides cost-effective financing.

STATUS: The Water Agency is working with multiple school districts, local governments and hospitals to encourage participation; standard contract documents have been drafted (which include guaranteed efficiency savings agreements, program participation agreements and payment installment agreements); and a short list of energy service companies have been identified through an RFQ process.

Involved Parties:

- School districts, County of Sonoma, cities, NGOs

D. Project: Emissions Reporting

Voluntarily report carbon emissions to The Climate Registry to verify carbon free status.

STATUS: Ongoing.

Involved Parties:

- Internal Activity, The Climate Registry

E. Project: Register Renewable Energy Credits with Western Renewable Energy Generation Information System (WREGIS)

STATUS: Ongoing

Involved Parties:

- WREGIS

F. Project: Solar

Develop Sonoma County Airport project.

STATUS: The airport project in development, with CEQA underway. A developer has been selected to finance, design, build, own, operate and maintain a PV facility.

Involved Parties:

- PG&E, PWRPA, Sonoma County Charles Schulz Airport, private solar developer

Immediate Action Three:

Pursue state and federal funding for energy efficiency and renewable energy projects.

A. Project: Implement projects funded by State and federal grants

Implement projects funded from the following grants:

- CEC Public Interest Energy Research (PIER) grant for RESCO project (\$1.0 million, April 2011)
- CEC Energy and Water Use Efficiency Grant for Collector No. 6 (\$50,000, March 2011)
- CEC State Energy Program (SEP) Municipal Energy Financing Program for North Coast Property Assessed Clean Energy (PACE) programs (\$2.5 million, February 2010)

Water Supply Strategy Eight

IMPLEMENT PROJECTS THAT IMPROVE INTEGRATION OF WATER MANAGEMENT

Immediate Action One:

Conduct long-term financial analysis to support evaluation and development of water supply, conservation, demand management, and recycled water projects and programs.

A. Project: Financial planning

Use rate model to evaluate cost-benefit and feasibility of alternative Water Agency projects
STATUS: Model has been refined, is functional and is being used to support ongoing planning activities with Water Contractors. The model evaluates wholesale Water Agency rates (not retail rates of Water Contractors). Water Agency staff and TAC members presented the results of these activities to the WAC in spring 2012. Water Agency staff will continue using model to support the budget process and long-term water supply planning.

Involved Parties:

- Water Contractors

Immediate Action Two:

Develop countywide guidance manual and support the development of individual Water Smart Development (WSD) standards by each land use jurisdiction in Sonoma County, with the goal of managing stormwater quantity and quality and reducing potable water required by new development. Guidance manual will also partially address requirements of stormwater permit jointly held by Water Agency, Sonoma County, and Santa Rosa.

A. Project: Countywide manual

Complete countywide manual with a comprehensive water balance approach that includes three primary WSD components: conservation, reuse and stormwater management.

STATUS: Draft countywide guidance manual circulated for review by stakeholders and comments received. The final version is expected to be released in 2013.

B. Project: Local jurisdiction plans

Support the development, as requested, by local land use jurisdictions that specify goals for reduced potable water requirements via WSD measures for new development (consistent with local policies and programs).

STATUS: Outreach with Sonoma County land use planning entities initiated.

Involved Parties (A and B):

- PRMD, Sonoma County cities, building community,
Regional Water Quality Control Boards, SWRCB, community groups

DRAFT

Development of term sheet for proposed changes to Restructured Agreement for Water Supply to better reflect current and anticipated future conditions.

STATUS: To be determined.

Involved Parties:

- Water Contractors, community groups

B. Project: Negotiate new agreement

STATUS: To be determined.

Involved Parties:

- Water Contractors, community groups

Water Supply Strategy Nine

IMPROVE INTERNAL AND EXTERNAL PROCESSES, DATA EXCHANGE AND ANALYSIS
TO PROMOTE ORGANIZATIONAL EFFICIENCY

Immediate Action One:

Develop systems using advance technology to improve the interoperability and transparency of data between the Water Agency and Contractors, with the goal of improving operations and planning.

A. Project: Demonstration project - collaboration platform

The initial pilot project integrated monitoring capabilities of SCADA systems for Cotati, Santa Rosa, Rohnert Park and Water Agency to improve communications, increase water and power efficiencies. The platform also integrated monitoring data from other resource agencies, including USGS, NOAA Weather Service and USACE.

STATUS: The start-up phase of the project was completed in summer 2012, demonstrating proof of concept. The Water Agency is continuing to work with IBM on potential future tasks that may include integrating into the platform: SCADA information from additional Water Contractors; display of automated turnout metering; improved display capabilities; and cloud-based web hosting.

Immediate Action Two:

Pursue ISO certification.

A. Project: Pursue ISO 9000 and 14000 certification

ISO 9001 and 14001 will assure a program of constant improvement in the Water Agency's quality of work and environmental management.

STATUS: Ongoing efforts underway to achieve certification.

Involved Parties:

- Internal activity

Immediate Action Three:

Update method of allocating water during shortages

A. Project: Update the Water Agency's existing annual Water Shortage Allocation and develop a new allocation model for summer months when diversions from the Russian River may be constrained due to reduced flows or water availability.

Many assumptions and inputs in the existing allocation model should be updated. In addition, the Contractors have requested the Water Agency develop a methodology to apportion water

10 Year Summary of Planned Water Supply & Reliability Projects

Entity	Project	Status	Initiated	Estimated Completion	Water Supply?	Reliability?	Notes	Potential Constraints
Water Agency	South Transmission Section 1 (Cotati to Ely)		2020	2022				CEQA and Financial
Water Agency	South Transmission Section 2 (Ely to Kastania)		2020	2022				CEQA and Financial
Water Agency	Kawana - Raipine-Sonoma BST Pipeline		2020	2025				CEQA and Financial
Water Agency	Petition to Increase Annual Diversion Limit		2020	2027				CEQA
Water Agency	Mirabel West Wells		2028	2030				CEQA and Financial
Rohnert Park	Groundwater Wells Replacement and Upgrade		2011	2020				Funding
Rohnert Park	Groundwater Banking		2012	2030				Feasibility
Windsor	Recycled Water System Expansion		2014	2016	Yes	Yes		Timing of Development
Windsor	Off River Wells Water Supply Phase 1	Feasibility	2014	2020	Yes	Yes		Funding
Windsor	Off River Wells Water Supply Phase 2	Conceptual	2014	2020	Yes	Yes		Funding
Santa Rosa	Recycled Water Expansion	Conceptual	2011	2020	Yes	Yes		Funding
North Marin	Phase 1 West Recycled Water Project	Feasibility	2020	2025	Yes	Yes		Financial
North Marin	Recycled Water Expansion North & South	Design/Construction	2011	2015	Yes	Yes		Financial
North Marin	Recycled Water Expansion Central	Feasibility	2015	2025	Yes	Yes		Financial
North Marin	Aqueduct Energy Efficiency Project	Design/Construction	2011	2015	Yes	Yes		Financing
North Marin	Stafford Lake Solar Project	Design/Construction	2010	2012	Yes	Yes		Financing/CatTrans
North Marin	Novato Local Water Supply Enhancement Study	Design/Construction	2010	2012	Yes	Yes		CSI Reinstatement
Cotati	Well 4	Conceptual	2011	2014	Yes	Yes		TBD
Cotati	Thomas Page Recycled Water Project	Conceptual	2011	2015	Yes	Yes		None
Cotati	Sunflower Park Recycled Water Project	Design/Construction	2011	2013	Yes	Yes		None
Cotati	Groundwater Banking Project	Conceptual	2012	2014	Yes	Yes		None
Marin Municipal	Peacock Gap Recycled Water Project	Feasibility	2010	2015	Yes	Yes		Feasibility
Marin Municipal	33 San Pablo Recycled Water Project	Design/Construction	2009	2018	Yes	Yes		CEQA and Financial
Marin Municipal	Nicasio to Kent Pipeline	Design/Construction	2008	2012	Yes	Yes		CEQA and Financial
Petaluma	Recycled Water Area A		2011	2019	Yes	Yes		CEQA and Financial
Petaluma	Recycled Water Area C		2011	2015				None listed
Petaluma	Recycled Water Area E			TBD				None listed
Petaluma	Recycled Water Area G			TBD				None listed
City of Sonoma	SDC Conjunctive Use			TBD				None listed
City of Sonoma	Groundwater Well #8		2011	2013	Yes	Yes		Agreement
City of Sonoma	Groundwater Banking		2011	2014	Yes	Yes		Siting
City of Sonoma	SCWA Russian River Water Rights Diversion Increase		2011	2020	Yes	Yes		Feasibility
City of Sonoma	Groundwater Well #9 (replacement of existing well)		2015	2035	Yes	Yes		Environ.
City of Sonoma	Groundwater Well #10 (replacement of existing well)		2014	2018	Yes	Yes		
City of Sonoma	Sonoma Valley Recycled Water Project		2016	2020	Yes	Yes		
VOMWD	SDC Conjunctive Use		2016	2025	Yes	Yes		
VOMWD	Groundwater Banking		2011	2013	Yes	Yes		Agreement
VOMWD	Recycled Water		2011	2020	Yes	Yes		Feasibility
VOMWD	SCWA Russian River Water Rights Diversion Increase		2011	2035	Yes	Yes		Feasibility
VOMWD			2015	2035	Yes	Yes		Environ.

COMPLETED

Summary of Changes to 2011 Water Supply Strategies Action Plan (Includes New Actions Added to 2012 Plan)

Strategy 1 - Address Dry Creek Summer Flows

2011 Plan Immediate Action		Projects		Completed	Ongoing	Moved	New	Changes For New 2012 Action Plan
Immediate Action 1 - Habitat enhancement, as required by the Biological Opinion, to increase capability of Dry Creek to accommodate summer flows while protecting coho and steelhead	A. Feasibility Study			X				Updated status and progress. Ongoing activities to occur in upcoming year.
	B. Demonstration Project (New Action Item A)				X			Updated status and progress. Ongoing activities to occur in upcoming year.
	C. Development of success measures (New Action Item B)				X			Updated status and progress. Ongoing activities to occur in upcoming year.
	C. Construct Miles 2 & 3				X	X		Moved from Near Term to Immediate. Landowner outreach is underway for project.
Immediate Action 2 - Reduce peak demands that affect Warm Springs Dam releases	A. New Reuse				X			Updated status and progress. Ongoing activities to occur in upcoming year.
	B. Groundwater Banking Feasibility Study				X			Updated status and progress. Ongoing activities to occur in upcoming year.
	C. Retrofit/Conservation				X			Updated status and progress. Ongoing activities to occur in upcoming year.
	D. Leak Detection				X			Updated status and progress. Ongoing activities to occur in upcoming year.
Immediate Action 3 - Implement Dry Creek tributary restoration projects, as required by Biological Opinion, with goal of enhancing coho and steelhead habitat	A. Grape Creek Restoration Project Monitoring			X	C			Construction completed. Ongoing monitoring for three more years.
	B. Grape Creek and Wallace Creek Fish Passage Projects			X	X	X		Grape Creek completed. Monitoring ongoing. Wallace Creek removed due to right-of-way issues.
	C. Crane Creek Restoration Project			X	X			Construction completed. Ongoing monitoring.
Immediate Action 4 - Identify and secure federal, state, and grant funding for implementation of the Biological Opinion	A. Seek federal and state funding				X			Updated status and progress. Ongoing activities to occur in upcoming year.
	B. Proactively work with Water Contractors to ensure their timely assistance in funding efforts and report activities at WAC meetings							
NEW Immediate Action - Construct 2nd and 3rd miles of Dry Creek habitat enhancement	A. Habitat enhancement				X	X		Moved from Near Term to Immediate. Landowner outreach is underway for project.

Summary of Changes to 2011 Water Supply Strategies Action Plan (Includes New Actions Added to 2012 Plan)

Strategy 6 - Improve Transmission System Reliability

2011 Plan Immediate Actions	Projects	Completed	Ongoing	Moved	New	Changes for New 2012 Action Plan	
<p>Immediate Action 1 - In consultation with Water Contractors, develop plan to provide consistent funding for natural hazard and operational reliability capital projects</p>	A. Rogers Creek Fault Crossing Mitigation		X			Updated status and progress. Ongoing activities to occur in upcoming year.	
	B. Collector 3 and 5 Liquefaction Mitigation		X			Updated status and progress. Ongoing activities to occur in upcoming year.	
	C. Isolation valves		X			Updated status and progress. Ongoing activities to occur in upcoming year.	
	D. Automated Meter Infrastructure		X			Updated status and progress. Ongoing activities to occur in upcoming year.	
	E. Russian River crossing		X			Updated status and progress. Ongoing activities to occur in upcoming year.	
	F. River Diversion System Liquefaction mitigation		X			Updated status and progress. Ongoing activities to occur in upcoming year.	
	G. Mark West Crossing		X			Updated status and progress. Ongoing activities to occur in upcoming year.	
	H. Collector 6 liquefaction mitigation		X			Updated status and progress. Ongoing activities to occur in upcoming year.	
	J. Cotati Reservoir 3 recoat		X			Updated status and progress. Ongoing activities to occur in upcoming year.	
	K. Petaluma Aqueduct cathodic protection		X			Updated status and progress. Ongoing activities to occur in upcoming year.	
	K-O. New Projects Added to 2012 Plan: Santa Rosa Aqueduct cathodic protection; Mirabel surge protection; Kawana to Sonoma booster; Sonoma booster pump upgrade; Wohler-Santa Rosa pipeline; Santa Rosa Creek crossing				X	New projects added to the 2012 Plan	
	<p>Immediate Action 2 - Continue to pursue state and federal funding for natural hazard reliability projects</p>	A. Seek Funding		X			Updated status and progress. Ongoing activities to occur in upcoming year.
		See Strategies 1, 4, 5, 8 and 9		X			Updated status and progress. Ongoing activities to occur in upcoming year.
<p>Immediate Action 3 - Work with Water Contractors to reduce peak demand on transmission system via conservation, groundwater banking, local supply, and recycled water</p>	A. Research on pathogen removal		X			Updated status and progress. Ongoing activities to occur in upcoming year.	
	B. Research on Surface Water/Groundwater Interaction		X			Updated status and progress. Ongoing activities to occur in upcoming year.	

Summary of Changes to 2011 Water Supply Strategies Action Plan (Includes New Actions Added to 2012 Plan)

Strategy 7 - Take Advantage of Energy and Water Synergies

2011 Plan/Immediate Actions		2012 Action Plan			
		Completed	Ongoing	Removed	New
Immediate Action 1 - Implement Water Agency's new Energy Policy	A. (1) Implement Farms to Fuels project (2) Obtain rights to Warm Springs Dam hydropower and Sonoma County landfill (3) Exploration of other locally available renewable energy	X	X	X	
	B. Develop & Implement Water Agency energy efficiency projects		X		
Immediate Action 2 - Development of projects with local and regional significance	A. (1) Conduct feasibility study of Community Choice Aggregation and work with local partners (2) Implement Renewable Energy Secure Communities (RESCO) project to develop (3) Assist Water Contractors, who are interested, in becoming PWRPA members to obtain less expensive renewable power. (4) Implement Sonoma County Efficiency Financing.		X	X	X
	B. Emissions reporting		X		Updated status and progress.
	C. Register renewable energy credits		X		Updated status and progress.
	D. Solar		X		Updated status and progress.
Immediate Action 3 - Pursue state and federal funding for energy efficiency and renewable energy projects	A. Implement grant-funded projects		X		Updated status and progress.

Summary of Changes to 2011 Water Supply Strategies Action Plan (Includes New Actions Added to 2012 Plan)

Strategy 9 - Overcome Organizational Fragmentation to Promote Efficiency of Water System Operations & Planning

2011 Plan Immediate Actions	Projects	Completed	Ongoing	Moved	New	Changes for New 2012 Action Plan
Immediate Action 1 - Develop systems using advance technology to improve the interoperability and transparency of data between the Water Agency and Contractors	A. Demonstration project - collaboration platform B. Metering C. Integrated weather forecasting		X	X		Updated status and progress. Ongoing activities to occur in upcoming year. Removed from Strategy 9. Included in Strategy 6, Action 1. Removed from Strategy 9. Included in Strategies 2 & 3.
Immediate Action 2 - Extend demonstration project including AMI to other Water Contractors	A. Extension of demonstration project			X		Moved to Near Term.
Immediate Action 3 (New Immediate Action 2) - Pursue ISO 9000 and 14000 certification (moved from Strategy 7, Immediate Action 1, Project A)	A. Obtain ISO certification		X			Updated status and progress. Ongoing activities to occur in upcoming year.
Immediate Action 4 (New Immediate Action 3) - Update method of allocating water during shortages	A. Update Water Agency's existing annual water shortage allocation and develop a new allocation model		X			Updated status and progress. Ongoing activities to occur in upcoming year.

DISBURSEMENTS - DATED DECEMBER 6, 2012

Date Prepared: 12/5/12

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

Seq	Payable To	For	Amount
1	Alpha Analytical Labs	Lab Testing (Novato)	\$193.00
2	American Family Life Ins	November Employee Contrib for Accident, Disability & Cancer Ins	3,882.76
3	AT&T	Telephone Charges: Local (\$13) & Minimum (\$136)	149.00
4	AWWA CA-NV SEC	Water Use Efficiency Practitonal Renewal (Grisso) (1/13-12/14) (Budget \$80)	70.00
5	Badger Meter	1 1/2" Water Meters (6)	1,722.96
6	Baker, Jack	November Director's Fee	200.00
7	Bentley, David L.	Exp Reimb: Oct/Nov Mileage	48.30
8	Bold & Polisner	October Legal Services: Gustafson Ct Acquisition (\$92), Lagunitas Water Rights (\$18), NBWRA Grant Outreach (\$117), MMWD Intertie Agreement (\$723), Rudnick Estates Project (\$55), RW Exp South Phase II (\$407) & SCWA Fluoridation (\$1,278)	2,692.00
9	Business Card	Brass Hose Adapters (25) (\$114), Adobe Export PDF Software (\$20), Internet Payment Fee (\$142), Paint (\$135), Refill Pages, Scrapbook, Pens (20), Lab Supplies & Frame	467.88
10	Calif Board of Equalization	Water Rights Fees (Lagunitas Creek - \$486 & Novato Creek - \$946)	1,432.27
11	Calif Dept of Public Health	Reg Fee: Water Distribution Operator Exam (Grade D4) (Jeff Corda)	130.00
12	California State Disbursement	Wage Assignment Order (3)	1,518.50
13		Vision Reimbursement	252.34

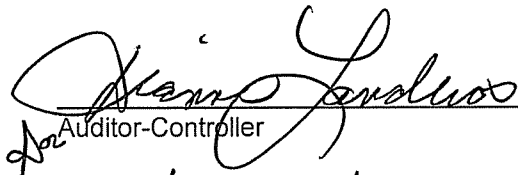
Seq	Payable To	For	Amount
14	CDW-Government	Memory Chips for Engineering Computer	61.37
15		Vision Reimbursement	100.00
16	Covello Group	Prog Pymt #18: Recycled Water Pipeline Expansion (Balance Remaining on Contract \$33)	25,374.08
17	Dean Partners LP	Exp Reimb: Repairs by Landscape Contractor to Damaged Irrigation Line of Redwood Crossroads Property	1,024.50
18	DeGabriele, Chris	Exp Reimb: November Mileage	119.32
18	DeMoraes, Fabio	Novato "Washer Rebate" Program	50.00
19	Downtown Ford Sales	Replacement Trucks (2) (Budget \$70,000)	53,718.13
20	Electrical Equipment	Electrical Junction Boxes for Pt Reyes Well #3 Replacement	254.05
21	Charles Z. Fedak	Prog Pymt #7: Financial Statement Audit FY12 (Balance Remaining on Contract \$2,400)	1,500.00
22	Fenimore, Richard	Novato "Washer Rebate" Program	50.00
23	Fisher Scientific	Sulfate Standard & Iron (Lab)	64.56
24	Flynn, Kevin	Novato "Toilet Rebate" Program	200.00
25	Fraites, Rick	November Director's Fee (\$200) & North Bay Watershed Assoc Meeting - 11/2 (\$100)	300.00
26	Golden Gate Petroleum	Gasoline (\$3.42/gal) & Diesel (\$3.87/gal)	3,206.38
27		Cafeteria Plan - Uninsured Medical Reimbursement	26.15
28	Grainger	Ball Type Retainers for Air Chisels (2)	132.32
29	Henley, Lee	Novato "Washer Rebate" Program	50.00
30		Vision Reimbursement	174.97
31	HydroScience Engineers	Prog Pymt #11: Recycled Water On-Site Retrofits Project (Balance Remaining on Contract \$4,602)	21,531.18
32	Kaiser Foundation Health Plan	Pre-Employment Physical (Kantock) & DMV/DOT Physical (LeBrun & Reed)	205.00

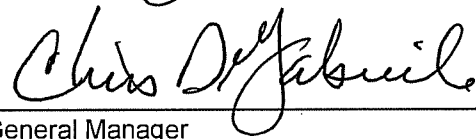
Seq	Payable To	For	Amount
33	Kasten, Holly & David	Novato "Washer Rebate" Program	50.00
34		Vision Reimbursement (\$17) & Cafeteria Plan - Uninsured Medical Reimbursement (\$142)	159.00
35	Kavanagh, Eamon	Novato "Washer Rebate" Program	50.00
36		Cafeteria Plan - Uninsured Medical Reimbursement	9.00
37	Konik, Zita	Novato "Washer Rebate" Program	50.00
38	Kuroda, Marti	Novato "Toilet Rebate" Program	200.00
39	Maltby Electric	Electrical Conduit, Ell, Clamps for Pt Reyes Well #3 Replacement, Electrical Supplies for Reservoir Hill RTU (\$242), Conduit Straps & Couplings for Reservoir Hill RTU	276.99
40	Marin Landscape Materials	Concrete & Seed	521.29
41	Marinscope	Display Ad: Public Hearing FY12/13 Budgets	50.00
42	May, Gary	Novato "Toilet Rebate" Program	100.00
43	McLellan Co, WK	Misc Paving: Novato Area (232 S.F.)	1,678.50
44	Minthorne, Lloyd & Katherine	Novato "Washer Rebate" Program	50.00
45	Mitchell, Russ & Associates	Perform Recycled Water Onsite Retrofit Design Work (Balance Remaining on Contract \$39,345)	33,430.00
46	Moore, William	Novato "Washer Rebate" Program	50.00
47		Wage Assignment Order	284.00
48	Northern Tool & Equipment	Bedside Tool Box ('10 F150)	406.79
49	Novato Disposal Service	November Trash Removal (\$413) & Remove Misc Debris from Tanks & Pump Stations (\$619)	1,032.29
50	Novato Sanitary District	Renewal of Non-Domestic Discharge Permit No NMW007	215.00
51	Office Depot	Franklin Covey Planner Refill, Scissors, Laser Paper (2 reams) Cold Packs (12 24oz) (STP) Clasp Envelopes (100), Calculator Print Rolls (24), Correction Tape (5) & Copy Paper (5 reams)	170.63

Seq	Payable To	For	Amount
52	Pace Supply	Steel Pipe (40') (\$2,167), Connection Rings (139), Gate Valves (8) (\$3,689) Ells (3), Meter Stops (117) (\$5,078), Meter Spools (24), Meter Adapters (120), Splices (119), Meter Spuds (22) & Brass Plugs (2)	14,450.68
53	Petterle, Stephen	November Director's Fee	200.00
54	Pacific Gas & Electric Co	Power: Bldgs/Yard (\$3,846), Rectifier/Controls (\$60), Pumping (\$704), Treatment (\$5) & Other (\$2)	4,616.74
55	Red Wing Shoe Store	Safety Boots (Garrett)	146.46
56	Roberts & Brune	Gate Valve (\$2,055), Meter Boxes (7), Meter Box Lids (6) & Meter Stops (6) (\$1,035)	3,791.14
57		Cafeteria Plan - Uninsured Medical Reimbursement (\$90) & Vision Reimbursement (\$552)	642.25
58		Cafeteria Plan - Uninsured Medical Reimbursement	55.00
59	Rodoni, Dennis	November Director's Fee (\$200) & WAC/TAC Meeting - 11/5 (\$100)	300.00
60	SC Barns	Rubber Mats for Back of New Trucks (2)	125.86
61	Schoonover, John	November Director's Fee Less Deferred	150.00
62	Shirrell Consulting Services	December Dental Ins Adm Fee	293.80
63	Soiland Co	Fee for Asphalt Recycling	20.00
64	State Water Resources Control	Clean Drinking Water State Revolving Fund Loan Principal & Interest RW N-Plum St Storage (Pymt #1 Revised-Additional Disbursement)	11,252.80
65	Thomas Scientific	Endo Ampules (60) (Lab)	111.24
66	Van Bebber Bros	Metal for Hanging Valve Keys on Trucks	454.43
67	Verizon	Telephone Charges: Leased Lines (\$43) & Minimum (\$43)	86.32
68	Vermeer Pacific	800 Gal Trailer Mounted Vacuum Rental (10/2/12 - 10/26/12)	5,427.00

Seq	Payable To	For	Amount
69	Welch, Evangeline	Novato "Washer Rebate" Program	50.00
70	White Cap Construction	Mat for Erosion Control	96.26
71	Workforce Boots & Clothing	Safety Boots (Kantock)	100.00
TOTAL DISBURSEMENTS			<u>100.00</u>
			<u>\$202,054.49</u>

The foregoing payroll and accounts payable vouchers totaling \$202,054.49 are hereby approved and authorized for payment.


12/3/12
 Auditor-Controller Date


12/3/2012
 General Manager Date

NORTH MARIN WATER DISTRICT CHECK REQUEST

(Check Request form to be used only when payee cannot provide an invoice or statement)

PAYEE: FRAITES, RICK 50 FORREST RD NOVATO, CA 94947	DATE 11/7/12 TOTAL 100.00
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PURPOSE: DIRECTOR'S FEE

CHARGE TO:

DISPOSITION OF CHECK


MAIL TO PAYEE

HOLD FOR

OTHER

REQUESTED BY

APPROVED TO PAY BY

Prepared By <i>MA</i>	Accounting Review	POST DATE 11/12	Vendor No. FRAI01	 NORTH MARIN WATER DISTRICT
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Invoice Number	Invoice Date	Invoice Amount
CKR 110713	11/7/12	100.00

NMWD Comment:

North Bay Watershed Assoc
Meeting - 11/12

Job Number	GL Account	Amount
	56001.01.11	100.00
TOTAL		100.00

Katie Young

From: Rick Fraites [ricfraites@aol.com]
Sent: Tuesday, November 06, 2012 1:56 PM
To: Katie Young
Subject: Meeting attendance compensation request

Katie:

I am requesting the usual director's compensation for attending the North Bay Watershed Association meeting held at the Novato Sanitary District on Friday, November 2, 2012.

Thank you,

Rick Fraites
ricfraites@aol.com
415.717.4350

NORTH MARIN WATER DISTRICT CHECK REQUEST

(DO NOT USE IF THERE IS A VENDOR INVOICE)

PAYEE: <u>Dennis J. Rodoni</u>	DATE <u>11/7/12</u>
	AMOUNT: \$ <u>100.00</u>

PURPOSE: Attend WAC/TAC meeting with GM and Ch. Engineer 11/5/12

[Signature]

CHARGE TO:

DISPOSITION OF CHECK <input type="checkbox"/> MAIL TO PAYEE <input type="checkbox"/> HOLD FOR <input type="checkbox"/> OTHER JOB ACCOUNTING REVIEW REQUESTED BY APPROVED TO PAY BY	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="font-size: small;">Prepared By</th> <th style="font-size: small;">Accounting Review</th> </tr> <tr> <td style="text-align: center;"><i>[Signature]</i></td> <td></td> </tr> </table>	Prepared By	Accounting Review	<i>[Signature]</i>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="font-size: small;">POST DATE</th> <th style="font-size: small;">Vendor No.</th> </tr> <tr> <td style="text-align: center;"><u>11/12</u></td> <td style="text-align: center;"><u>Rodoni</u></td> </tr> </table>	POST DATE	Vendor No.	<u>11/12</u>	<u>Rodoni</u>											
	Prepared By	Accounting Review																			
	<i>[Signature]</i>																				
	POST DATE	Vendor No.																			
<u>11/12</u>	<u>Rodoni</u>																				
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		<u>100.00</u>																			
TOTAL		<u>100.00</u>																			
WND DISTRICT ADMINISTRATION FORMS CHECK REQUEST DOC REV 0510																					

DISBURSEMENTS - DATED DECEMBER 13, 2012

Date Prepared: 12/12/12

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

Seq	Payable To	For	Amount
P/R*	Employees	Net Payroll PPE 11/30	\$124,607.72
P/R*	Employees	Net Payroll - Sick Leave Buyback (6 Employees)	11,310.63
P/R*	Employees	Final Paycheck (Dowden)	2,795.05
EFT*	US Bank	Federal & FICA Taxes PPE 11/30	49,609.05
EFT*	State of California	State Tax & SDI PPE 11/30	9,542.46
1	Alpha Analytical Labs	Lab Testing (Novato)	240.00
2	Asso of State Dam Safety Officials	Annual Dues (10/12-9/13) (McIntyre) (Budget \$50)	49.00
3	AT&T	Telephone Charges: Leased Lines (\$274), Minimum (\$76) & Minimum (\$649)	1,000.13
4	Badger Meter	2" Water Meter	511.87
5	Banakus, Dan	Novato "Washer Rebate" Program	50.00
6	Bastogne	Refund Pymt on Closed Account	165.63
7	Building Supply Center	Hardware Supplies, Pipe & Electrical Conduit Fittings	37.47
8	Calif Public Health Services	Drinking Water Distribution Operator Certification Renewal (Jennison) (Grade D2) (5/13-5/15) (Budget \$0)	60.00
9	Campways	Cross Bed Tool Box ('05 Ford Ranger)	591.33
10	Corrpro Companies	Flange Insulating Kit for Pt Reyes Well #3	61.04
11	Costco Wholesale	Retirement Gift (Roberts)	53.15
12	Curry's Discount	Toner for Fax Machine (3)	94.40
13	Deignan, John	Refund Alternative Compliance Reg 15 Deposit	630.00

Seq	Payable To	For	Amount
14	Demesa, Cynthia	Novato "Washer Rebate" Program	50.00
15	Dixon, Joanna Charlton	Novato "Washer Rebate" Program	50.00
16	Durkin Signs & Graphics	Decals for New Trucks (\$363) (2 sets) & CARB Equipment Registration Numbers	388.81
17	Eisenberg, Christine	Novato "Toilet Rebate" Program	200.00
18	Environmental Management	Grading for Drainage @ Crest Tank Rd Off Lindsey Ct (\$495) & Post Construction Cleanup & Winterization of Solar Project Access Rd	10,595.00
19	Ferretti, Nancy	Refund Overpayment on Closed Account	28.00
20	Fisher Scientific	Sample Containers (100) & Copper Sulfate (Lab)	227.35
21	Fremouw Environmental	Hazardous Waste Disposal (Auto Shop)	356.90
22	Gallegos, Mark	Refund Overpayment on Closed Account	38.08
23	Ghilotti Bros	Refund Security Deposit on Hyd Meter Less Final Bill	843.24
24	Grainger	Softsided Tool Bag for Emergency Spill Kit	18.61
25	Hach	Chlorine Reagent Set (4), Potassium Iodide (50), Acid Reagent (100), Sodium Thiosulfate (2), Ascorbic Acid Pillows (100), Alkaline Cyanide (STP) & Service Contract for Turbidimeter & Chlorine Analyzer for Pt Reyes TP (\$1,571)	2,038.31
26	Hall Dump Truck Service	Remove Dirt Spoils from District Yard (260 cu yds)	4,420.00
27	Hanagan, Thomas	Refund Alternative Compliance Reg 15 Deposit	630.00
28	Hersey, Michael	Novato "Washer Rebate" Program	50.00
29	Hertz Equipment Rental	Crawler Loader Rental (1 wk) (Dam Apron Repair)	502.37
30	Ignacio Gardens HOA	Novato "Smart Irrigation Controller" Program	490.00
31	Jones, Laura	Engineering Services: Novato Water System Master Plan 2012 Update Project (Balance Remaining on Contract \$8,742)	3,217.50

Seq	Payable To	For	Amount
32	Kelly-Moore Paint	Paint for Lynwood Tank Graffiti Removal	203.90
33	Lincoln Life	Deferred Compensation PPE 12/15	20,526.77
34		Cafeteria Plan - Child Care Reimbursement	208.33
35	Marin County Tax Collector	Annual Permit Fee (Hazardous Material Inventory Permit)	6,285.00
36	Marin County	Annual Encroachment Permit	490.00
37	Maselli & Sons	Aluminum Flat Bar for Making Bracket @ Reservoir Hill Tank	19.44
38	Nationwide Retirement Solution	Deferred Compensation PPE 12/15	1,025.00
39	Neopost USA	Quarterly Postal Meter Rental (Nov-Jan)	211.58
40	North Marin Auto Parts	5/8" Drill Bit, Bolt, Chisel Retainer, Large Washers (12), Bolt Thread Repair Kit (\$71), Air Chisel for Dam Apron Repair (\$404), 16 Gauge Wire (100'), Double Stick Tape, Wire (100'), Drill Bit, Trailer Plug Light Socket, Trailer Light Cord Plug, Electrical Wire, Protective Loom, Registration Holder, Adaptor, Air Fittings (10), Electrical Wire Cover, Hydraulic Hoses for Valve Turning Machine (\$93), White Spray Paint (4 16oz), Battery Cable Ends, Fuses, Hydraulic Filter, Washers, Oxygen Sensor ('05 Honda Civic) (\$144), Shop Gloves, Rags, (\$86), Oil Filter, Oil (7 qts), Hydraulic Hose Assembly, Backup Lights, Grommets (6), Tail Light Grommets, Tail Lights (4), Wiper Blades, Air Brake Covers (3) & Indicator Light (\$56)	1,774.65
41	NMWD SRF Account	Stafford TP Rehab Semi-Annual Loan Principal & Interest (Pymt #7 of 40)	574,460.90
42	North Marin Water District	NMWD Employee Assoc Dues - November	940.00
43	Office Depot	Storage Boxes (36), Tab Dividers (50), Stapler, Return Address Labels (2,000) & Highlighters (36)	200.72
44	On Line Resource	Refund Payment on Closed Account	50.00
45	Pace Supply	Connection Rings (11), Meter Stops (33) (\$1.404) & Brass Nipples (9)	1,595.56
46	Parkinson Accounting Systems	October Accounting Software Support	450.00

Seq	Payable To	For	Amount
47	PERS Retirement System	Pension Contribution PPE 11/30	45,724.53
48	Phillips Transportation	Hazardous Waste Disposal for NMWD Water Quality Lab & STP Lab	197.00
49	Pini Hardware	Window Washing Sponge & Squeegee, Black Spray Paint, Caulking for Skylight, Ell, Conduit, Plumbing Adapters for Recycle Water Test, Telephone Wire, Couplings, Glue, Pruner, Construction Adhesive, Caulking Gun, Spotlight (STP) (\$33), Plumbing Supplies, Dishwasher Hose, Tiedown J Hook, Electrical Box, Dry Wall Compound, Nails, Door Lock Lube & Electronic Supplies	270.89
50	Postmaster Novato	2013 Annual "Caller Service" Fee (P O Box)	1,100.00
51	Prbo/Conservation Science	Watershed Erosion Control Project @ Stafford Lake (STRAW) (Budget \$9,000)	9,000.00
52		Cafeteria Plan - Child Care Reimbursement	1,000.00
53	Rich Readimix Concrete	Concrete -7 cu yds for STP Dam Repair	1,413.00
54		Cafeteria Plan - Uninsured Medical Reimbursement	89.99
55	Sebastopol Bearing & Hydraulic	Trailer Hitch Coupling, Air Compressor Hose Couplings (6), Hyd Tank for Valve Turning Machine (\$148), Hitch Pins (8), Hydraulic Hose for Bobcat (\$76) & Rubber Mats for New Truck Beds (\$226)	624.81
56		Vision Reimbursement	120.00
57	Staples Business Advantage	Parchment Paper (\$118) & Dry-Erase Eraser	121.47
58	Stompe, Brad	Exp Reimb: Reg Fee for Training for 5 NMWD Operators @ Wine Country Waterworks Assoc (Stompe, Jennison, Stafford, Garrett & Connolly)	100.00
59	Strahm Communications	Printing & Processing of Fall 2012 WaterLine	3,491.82
60	Subway Sandwiches	Refund Overpayment on Closed Account	61.37
61	Team Ghilotti	Refund Overpayment on Closed Account	264.43
62	Thomas Scientific	Cadmium Granules (Lab)	179.00

Seq	Payable To	For	Amount
63	United Parcel Service	Delivery Services: Sent Sensor for Repair & Contract Agreement-RW So Phs 2	12.30
64	UNUM Life Insurance	December Group Life Ins Premium	679.32
65	Verizon	Telephone Charges: Leased Lines	873.65
66	Verizon Wireless	November CIMIS Station Data Transfer Fee (2)	23.38
67	Water Education Foundation	Membership Dues (DeGabriele) (1/13-12/13) (Budget \$110)	115.00
68	Winzer Corporation	Nuts, Bolts, Washers, Absorbent (4 lbs) & Cutoff Wheels	274.24
69		Cafeteria Plan - Child Care Reimbursement	416.66
		TOTAL DISBURSEMENTS	<u>\$900,147.81</u>

The foregoing payroll and accounts payable vouchers totaling \$900,147.81 are hereby approved and authorized for payment.



Auditor-Controller

12/11/12

Date



General Manager

12/11/2012

Date

BOD
MISC

WILEY PRICE & RADULOVICH, LLP

IS DELIGHTED TO ANNOUNCE THE

PARTNERSHIP
OF

MASA SHIOHIRA

WITH OUR FIRM
JANUARY 1, 2013

WILEY PRICE & RADULOVICH, LLP

SPECIALIZING IN REPRESENTING PUBLIC AND PRIVATE SECTOR EMPLOYERS
IN LABOR AND EMPLOYMENT LAW AND LITIGATION

NORTHERN CALIFORNIA
1301 Marina Village Parkway · Suite 310
Alameda · California · 94501
510.337.2810

SOUTHERN CALIFORNIA
11622 El Camino Real · Suite 100
San Diego · California · 92130
858.509.2683

WPRLAW.COM

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DEC 06 2012

North Marin Water District

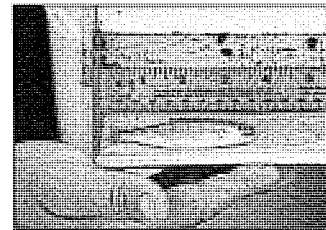
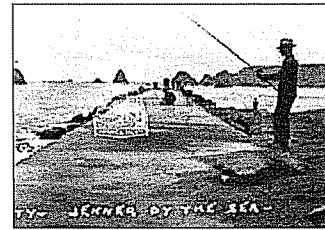
Public Policy Facilitating Meeting Agenda

Thursday, December 20, 2012

9 a.m. - 11:30 a.m.

Sonoma County Board of Supervisors Chambers

1. **Welcome & PPFC Panel Introductions**
PPFC Chairman Efren Carrillo
2. **Overview of Biological Opinion Requirements, Year 4**
Dr. Bill Hearn, National Marine Fisheries Service
3. **What Are We Learning?**
 - a. **Jetty Study**
 - Jessica Martini Lamb, Sonoma County Water Agency
 - Chris Delaney, Sonoma County Water Agency
 - b. **Fisheries Monitoring**
 - Justin Smith, Sonoma County Water Agency
 - Gregg Horton, Sonoma County Water Agency
 - Eric Larson, CA Department of Fish and Game
 - c. **Dry Creek Habitat Enhancement**
 - Dave Manning, Sonoma County Water Agency
 - Dave Cuneo, Sonoma County Water Agency
 - Jim Flugum, Sonoma County Water Agency
 - Mike Dillabough, U.S. Army Corps of Engineers
4. **What's Happening In Year 5?**
Pam Jeane, Sonoma County Water Agency
5. **Public Comment**
6. **Closing Remarks & Next Meeting**
Chairman Carrillo



For more information please visit www.sonomacountywater.org/rrifr
or contact Ann DuBay at 524-8378

Public Meeting Stated on 15-Year Russian River Plan

Date/Time: Thursday, December 20th, 9 a.m. - 11:30 a.m

Location: Sonoma County Board of Supervisors Chambers
575 Administration Dr, Santa Rosa CA

The Public Policy Facilitating Committee (PPFC) will be holding its annual meeting to discuss and take public comment on the Russian River Biological Opinion. The Biological Opinion was released by National Marine Fisheries Service in September 2008. This 15-year plan requires the Sonoma County Water Agency and the U.S. Army Corps of Engineers to modify Russian River water supply and flood control operations to prevent harm to endangered coho salmon and threatened steelhead trout.

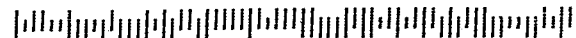
Sonoma County Water Agency
404 Aviation Blvd
Santa Rosa CA 95403-1069

Return Service Requested

PRESORTED
STANDARD
US POSTAGE
PAID
SANTA ROSA, CA
PERMIT NO. 64

CHRIS DEGABRIELE
NORTH MARIN WATER DISTRICT
PO BOX 146
NOVATO 94948-0146

J1WWTPI 94948



Public Policy Facilitating Committee Members

- Efren Carrillo, Sonoma County Board of Supervisors
- Mike McGuire, Sonoma County Board of Supervisors
- Shirlee Zane, Sonoma County Board of Supervisors
- Carre Brown, Mendocino County Board of Supervisors
- Richard Butler, National Marine Fisheries Service
- Lieutenant Colonel John Baker, U.S. Army Corps of Engineers
- Scott Wilson, California Department of Fish and Game
- Representative from the North Coast Regional Water Quality Control Board
- Sean White, Mendocino County Russian River Flood Control & Water Conservation Improvement District
- Lee Howard, Mendocino County Russian River Flood Control & Water Conservation Improvement District

FISH & FARMERS HAPPY IN DRY CREEK

In a win-win partnership, local Dry Creek watershed agricultural interests and fisheries conservation advocates have made huge strides in habitat restoration of Grape Creek in Dry Creek Valley, northwest of Healdsburg.

A tributary long in decline, endangered coho salmon had not been seen in Grape Creek since 1998. Habitat improvements were desperately needed to return the watershed to its historic function as a healthy tributary to Dry Creek and the Russian River. Over the years, historical land uses had made the creek less hospitable to fish populations, through low flows, stream channel modifications, obstacles to migrating fish, and erosion.

The project has been immense and years in the making, requiring a visionary group of local landowners and conservationists to find solutions that would work for all

parties. Beginning in 1998, the California Department of Fish and Game (DFG) began work in the creek to create some deep pools where endangered fish could find resting areas during winter high flows and cool water refuge during summer low flows. In 2008, the Sotoyome Resource Conservation District (RCD) was asked by the Sonoma County Water Agency to begin working with landowners to complete fish habitat enhancements in Dry Creek tributaries as part of the Russian River Biological Opinion. Landowners Martorana Family Winery and Karl and Rebecca Kowalski worked closely with the RCD for 2 years, improving fish habitat and planting native species along the creek banks, as well as laying back the stream banks to prevent erosion and protect vineyard infrastructure. "Collaborative projects with

the RCD and their partners have been a great way for us to achieve our sustainability goals while improving our vineyard and the creek that runs through it," says Gio Martorana. "We hope the fish and the natural wildlife can continue to thrive along side the vineyards here in Sonoma County," adds Karl Kowalski. "This has been a real good year for Zinfandel out here, and we're happy that the creek and the fish are doing well at the same time."

The process of restoring a watershed is a complex undertaking, and Grape Creek has been no exception. Many partners joined the RCD in the effort, from Trout Unlimited and the Russian River Coho Partnership, to the USDA-Natural Resources Conservation Service and the National Oceanic and Atmospheric Administration-Restoration Center (NOAA). "Grape Creek provides a tangible, working example of how a neighborhood has succeeded in restoring and reconnecting salmon and steelhead habitat," states Mary Ann King of Trout Unlimited. "Through the landowners' leadership, and relying on sound science, we've been able to develop solutions that address water and streamflow issues and produce major benefits for fish and water users. In California, that's no small feat."

As work progressed throughout the watershed, more landowners began to see this effort as something that was beneficial, and partnered with the RCD to find alternatives and solutions. "Projects like this would not be possible without the support of willing landowners," said Kara Heckert, Executive Director of the Sotoyome RCD. "The RCD's restoration efforts, such as this one in Grape Creek, are largely based on creating win-win outcomes, through projects that sustain natural resources while supporting local agriculture and rural communities."

Several grape growers in the watershed, including Mike Rowan, installed offstream storage reservoirs for frost protection and irrigation, filling their ponds with rain and

their grapes during frost and irrigate in the dry season. Quivira Vineyards and Martorana Family Winery installed frost fans, replacing the use of water for frost protection. These projects, many of which were made possible by the RCD, Trout Unlimited, and partners, have provided grape growers with a more reliable way of protecting and irrigating their vineyards, while keeping more water in the creek for endangered fish. "The RCD's participation with our project made it possible to construct an offstream storage pond, which we use in conjunction with our drip irrigation system," said Rowan. "We couldn't have done it by ourselves. The result is that our source of irrigation water is reliable and we can feel good about it because we don't have to tax the creek or aquifer during the summer, it's a win for both our farm and the fish."

Over time these efforts have begun to pay off. In the winter of 2010-2011, for the first time in 12 years, 5 adult coho were observed in the creek. Since then, 3000 broodstock (raised at the hatchery at Warm Springs Dam) have been released each year for the past 3 years. With their travel to the open ocean, time will tell regarding the growth of their numbers as they return to spawn.

With its high-quality spawning and rearing habitat for coho salmon and steelhead trout, Grape Creek is one of only 15 streams stocked as part of the NOAA/DFG/US Army Corps of Engineers Captive Broodstock Program. Watershed partners support ongoing study, data collection and monitoring, which will help assess the relationship between the juvenile coho survival, stream flow and other variables over time.

What makes this story unique and promising is the scale at which restoration has occurred; the number of landowners, partner organizations and agencies involved, and the diversity of tools used for recovery. From offstream storage to erosion control to frost fans for frost protection, the creativity, collaboration and ingenuity of those living and farming in the

BOD misc

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Supervisor's aide Liza Crosse appointed to MMWD board

Posted:

marinij.com

Liza Crosse, administrative aide to Marin County Supervisor Steve Kinsey, was selected from among six finalists interviewed on Saturday to fill an open seat on the Marin Municipal Water District Board representing Division 3, an area that extends from Larkspur to the San Geronimo Valley.

The four board members voted unanimously to appoint her to serve the last two years of the term of David Behar, who moved out of the district. She plans to run for election when her appointed term expires in 2014.

A longtime resident of Woodacre, Crosse is active in San Geronimo Valley community and environmental organizations and is currently a member of the MMWD's Water Rates Advisory Committee. In response to written questions to the candidates, she cited that experience as giving her "diverse knowledge of the responsibilities, functions, finances, infrastructure and issues" of the district.

"What made Liza really stand out are her very deep community connections," said board president Cynthia Koehler. "It's not just that she works for supervisor Kinsey. She's done an enormous amount of volunteering for our district. She has a long history of being involved with the district on a volunteer basis for the past couple of decades. And she's very involved in the life and concerns of the San Geronimo Valley and engaged in the rest of Marin life as well."

Asked in the candidates' questionnaire what she thinks are the most significant challenges currently facing the district, Crosse said increasing revenues significantly over the next decade "in a manner that is both fair and clear to the district's customers." To accomplish that, she said: "Excellent communications to ensure the public's understanding will be key."

She also noted that pursuing opportunities to sustain and increase long-term water supply "is of highest importance, from contract negotiations with Sonoma County Water Agency to continued support for conservation and recycled water."

Politically, Crosse was active in outreach and fundraising efforts in support of the successful Measure S in 2010, which requires the board to seek voter approval before building a desalination plant.

In other activities, Crosse is chair of the Lagunitas Creek Technical Advisory Committee, board president of the San Geronimo Valley Land Trust and belongs to the Tomales Bay Watershed Council and the Cordell Marine Sanctuary Foundation.

She also serves on the National Oceanic and Atmospheric Administration/Department of Fish and Game technical working group concerned with habitat protection and restoration for Coho salmon. In addition, she was formerly on the San Geronimo Valley Community Center board and the San Geronimo Valley Community Gym Committee.

In all, 14 candidates applied for the open seat and six were selected to be interviewed on Saturday.

"The overwhelming consensus is that we had an incredibly rich candidate pool," Koehler said. "I know people always says this, but we had an abundance of riches. We could have selected any of the final six."

Contact Paul Liberatore via email at liberatore@marinij.com

BOD misc

Plans for Stafford Lake bike park in Novato on track

Posted:

marinij.com

Plans for a bike park at Stafford Lake Park in Novato are on track, with construction possible next summer.

County supervisors have extended a contract with Hilride Progression Development Group of Oakland, providing an agreement that runs through December 2013 — a move officials said did not affect the construction schedule.

"Staff continues to anticipate construction of the bike park in summer 2013, subject to the receipt of sufficient donations and grants," deputy parks chief Ronald Miska told county supervisors.

More than \$33,000 has been raised in the campaign to finance the park and officials hope to get another \$50,000 from a corporate donor.

The \$33,000 raised so far is on target to match a \$50,000 challenge grant promised by county supervisors. County supervisors already have provided \$182,000 for design development and construction drawing work by Hilride Progression Development Group.

Passage of Measure A last month, which will boost the parks budget \$6.5 million a year, or 54 percent, allows more funding flexibility for projects including the bike park. In addition, the county has applied for a \$275,000 land and water conservation grant under a federal program administered by the state parks department.

Stephen Petterle, the county's principal park planner, has said he is confident enough money from grants and donations will be collected to begin bike park construction.

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

The facility would be created on a 17-acre northwestern segment of the county's 139-acre Stafford Lake Park.

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

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Santa Rosa picks new utilities director

By *KEVIN McCALLUM*

THE PRESS DEMOCRAT

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Santa Rosa conducted a nationwide search for its new utilities director, but it tapped someone close to home for the job.

Effective Wednesday, David Guhin, 37, will replace Miles Ferris, who retires this week after 27 years with the city.

Guhin has worked for the city for nine years, most recently as deputy director of operations at the city's regional wastewater treatment on Laguna Road.

City Manager Kathy Millison said Guhin is a thoughtful, collaborative leader in whom she has great confidence.

"I have been most impressed with his ability to convey his experience and capability along with a well-articulated future vision for the department," Millison said in a release.

Guhin grew up in Davis, got his civil engineering degree in South Dakota and worked for a private engineering firm in Virginia, designing private and public water and wastewater systems before joining the city.

Santa Rosa's Utilities Department makes up more than half the city budget. Its \$122 million budget is larger than the city's entire general fund, out of which police, fire, planning and other services are funded.

The department is responsible for providing clean water and sewer service for more than 52,000 businesses and households in Santa Rosa, in addition to sewer service in Cotati, Rohnert Park, Sebastopol and some unincorporated areas of the county.

Guhin said the system he's inheriting is in excellent shape thanks to the community's long-standing commitment to maintain it. One of his priorities will be to communicate to ratepayers, who have seen their rates more than double in the past decade, why keeping the system in good shape is a good investment.

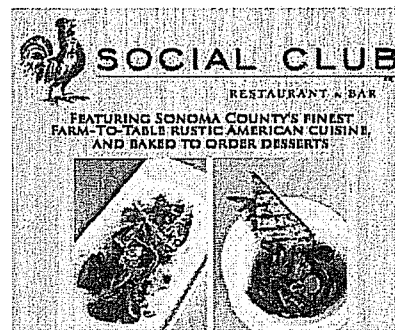
"Every glass of water you drink from the faucet, every time you flush the toilet, 24/7, seven days a week, it's there and it works," Guhin said. "Explaining why it's important to maintain that system is important."

Details of Guhin's contract still were being finalized. The salary range for the post is \$135,360 to \$169,320 a year.

Guhin also is vice president of the board of directors of the Redwood Empire Food Bank and co-chairman of the local organizing committee for the Amgen Tour of California. He is married and is an avid cyclist.

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Editorial: Liza Crosse is a good choice for Marin Municipal Water District board seat

Posted:

marinij.com

LIZA CROSSE is a solid addition to the Marin Municipal Water District board.

Crosse is a longtime Woodacre resident who is best known as the aide to Marin Supervisor Steve Kinsey. Her local knowledge and political experience lifted her to the top of an impressive list of 14 applicants for the seat left vacant by David Behar's resignation. He had to give up his seat because he moved out of his district.

The MMWD board voted 4-0 to name Crosse to serve out the remaining two years of Behar's term.

Her countywide experience and participation in MMWD committees will be helpful as she represents Division 3, which extends from Larkspur and the San Geronimo Valley.

The flood of applicants for the open seat is in stark contrast to June, when two incumbent board members — Larry Russell of Tiburon and Armando Quintero of San Rafael — were re-elected without opposition.

No one stepped forward to mount a campaign for either seat.

Being appointed to a board seat is much easier; it is less costly and takes a lot less time and energy.

That short cut is why 14 applied for Behar's seat.

That said, there were many strong candidates, including some who didn't stand a chance because they had publicly criticized decisions by the members who would decide who would join the board.

This also was an opportunity to introduce fresh thinking to MMWD's political leadership.

Crosse stood out, not because of her position as Kinsey's aide, but because of her volunteer involvement on MMWD advisory panels on rates and stream protection.

It will be interesting to see how many of the applicants continue to show an interest in MMWD by volunteering for its various rates and environmental committees.

MMWD's five board members receive \$145 for every meeting they attend and are entitled to sign up for up to \$17,616 per year in medical and dental benefits. Not bad for part-time service.

Crosse becomes the second supervisorial aide to serve in elective office on a Marin water board. Rick Fraites, Supervisor Susan Adams' longtime aide, is a veteran member of the North Marin Water District board.

Crosse's district and Kinsey's serve the same constituents. That is not the case with Fraites and Adams, which is a good thing.

Although political and jurisdictional conflicts between the county and the districts are few and far between, they can arise. Crosse needs to be careful to make sure she keeps both roles and responsibilities clearly separated.

We are confident she will ably navigate any minefields.

In her written presentation to MMWD directors, Crosse stressed the importance of "clear" communication with ratepayers as the best tool to make sure the public understands the need and importance of board decisions.

That Crosse topped such a strong field of candidates, especially the five other finalists, is a testament to her qualifications, her interest in the Marin Municipal Water District and her commitment to public service.