



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

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Est. Time	Item	Subject
7:00 p.m.	CALL TO ORDER	
	1.	APPROVE MINUTES FROM REGULAR MEETING , March 17, 2015
	2.	GENERAL MANAGER'S REPORT
	3.	OPEN TIME: (Please observe a three-minute time limit) This section of the agenda is provided so that the public may express comments on any issues not listed on the agenda that are of interest to the public and within the jurisdiction of the North Marin Water District. When comments are made about matters not on the agenda, Board members can ask questions for clarification, respond to statements or questions from members of the public, refer a matter to staff, or direct staff to place a matter of business on a future agenda. The public may also express comments on agenda items at the time of Board consideration.
	4.	STAFF/DIRECTORS REPORTS
	CONSENT CALENDAR The General Manager has reviewed the following items. To his knowledge, there is no opposition to the action. The items can be acted on in one consolidated motion as recommended or may be removed from the Consent Calendar and separately considered at the request of any person.	
	5.	Consent – Approve Granular Activated Carbon Replacement Purchase
	6.	Consent – Approve Request for Proposal: On-Call Construction Services
	7.	Consent – Approve CSW/Stuber-Stroeh Engineering Services FY15-16 Contract – Miscellaneous Engineering Services
	ACTION CALENDAR	
7:15 p.m.	8.	Approve: Drought Emergency Water Conservation Regulations – Set Public Hearing
	9.	Approve: 12-inch Cast Iron Pipe Bursting Project: South Novato Blvd – Rowland Blvd to Sunset Parkway Contract Award – Team Ghilotti Inc.
	10.	Approve: FY15 Novato Recycled Water Capital Improvement Project (CIP) Budget Augmentation
	11.	Approve: Land Survey Contract to BKF Engineers – Recycled Water Expansion – Central Service Area
	12.	Approve: Junior Accessory Dwelling Units
	13.	Approve: Marin/Sonoma Mosquito & Vector Control District Assessment

All times are approximate and for reference only.

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

(Continued)

Est. Time	Item	Subject
		<i>INFORMATION ITEMS</i>
	14.	Update of Title 22 Engineer's Report (RMC Environmental)
	15.	Advanced Metering Infrastructure
	16.	WAC/TAC Meeting – April 6, 2015
	17.	NBWA Meeting - April 3, 2015
	18.	<i>MISCELLANEOUS</i> Disbursements Presentation of GFOA Certificate of Achievement for Excellence in Financial Reporting Update- Polybutylene Pipe Population February 2015 Furniture/Equipment Auction Income Direct Deposit of Disbursements CA-NV AWWA Governing Board Salinity (3/17) <u>News Articles:</u> The West Marin Newspaper War comes to an amicable end Point Reyes Light and West Marin Citizen negotiations Huffman tries again to force Coast Guard sale Despite flush reservoirs, Sonoma County water officials stress need for conservation
9:00 p.m.	19.	<i>ADJOURNMENT</i>

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DRAFT
NORTH MARIN WATER DISTRICT
MINUTES OF REGULAR MEETING
OF THE BOARD OF DIRECTORS
March 17, 2015

CALL TO ORDER

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

Ken Sinclair (Vali Cooper & Associates), District employees Robert Clark (Operations/Maintenance Superintendent) and Tony Arendell (Construction/Maintenance Superintendent) were in the audience.

MINUTES

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

GENERAL MANAGER'S REPORT

CSMART Sea Level Rise Meeting

Mr. DeGabriele advised the Board that he attended a CSMART meeting last Friday to review the strategies for the impacts due to sea level rise in West Marin. He noted that the County is making good progress and has created a board game for community members to work with regarding adaptations. He informed the Board that a public meeting will be held in early May and the board game will be available for the public to see.

Fluoridation Advisory Committee

Mr. DeGabriele informed the Board that he attended the Fluoridation Advisory Committee meeting which was established to make recommendations on fluoridation of the SCWA water supply to the Sonoma County Department of Health Services. He advised the Board that estimated capital costs are \$4.5M and \$600K a year for operation and maintenance and system water demand will affect how much wholesale water will be in a communities water supply at any time resulting in variable fluoridation levels. Mr. DeGabriele advised the Board that he was unable to get reference to the Restructured Agreement in the recommendation but noted that the agreement would require amendment to accommodate fluoride treatment. When a draft of the recommendation is available

1 he will distribute to the Board. He advised the Board that Valley of the Moon, City of Cotati and City
2 of Sonoma are formally opposing fluoridation of the water.

3 Office Relocation

4 Mr. DeGabriele advised the Board that on Friday he and Mr. Bentley will be meeting with the
5 City of Novato to discuss the next steps of the North Redwood Corridor re-development and the
6 plans for the District to relocate.

7 Director Fraites asked if the meeting was a public meeting. Mr. DeGabriele responded that it
8 was not public and that it will include staff from the City of Novato, the District and the Golden Gate
9 Bridge District.

10 Marin Mosquito Abatement Election

11 Mr. DeGabriele informed the Board that he has received three ballots from the Marin-
12 Sonoma Mosquito and Vector Control District regarding increased assessments.

13 Storekeeper/Safety Coordinator Position

14 Mr. DeGabriele advised the Board that District staff selected Shawn Kane to backfill the
15 Storekeeper/Safety Coordinator position upon John Mello's retirement. He stated that Mr. Kane will
16 start transitioning into the position on April 1st. Mr. DeGabriele advised the Board that the District is
17 now recruiting for two positions, Field Service Representative and temporary laborers.

18 **OPEN TIME**

19 President Baker asked if anyone in the audience wished to bring up an item not on the
20 agenda and there was no response.

21 **STAFF / DIRECTORS' REPORTS**

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

24 Mr. McIntyre stated that he and Robert Clark held a kick off meeting with Michael Baker
25 International regarding the Emergency Operations Plan for the Stafford Dam. He also informed the
26 Board that he is working with a technical group through the County on the watershed and had
27 various consultants who are studying the Novato Creek and Stafford Dam to study the benefits of
28 raising Stafford Dam in case of a flood.

29 Mr. McIntyre advised the Board that it has been over a year since the Board took action on
30 the tolling agreement with Disney Construction and there has been no further contact from the
31 contractor.

1 President Baker reported that he attended several meetings earlier in the month, the North
2 Bay Watershed Association and the North Bay Water Reuse Authority Day in Sacramento.

3 **MONTHLY PROGRESS REPORT**

4 Mr. DeGabriele provided the Board with the Monthly Progress Report for February. He
5 stated that Novato water production met the Governor's goal for the fiscal year and is down 20%. He
6 noted that going back to February of last year, production is down 16.5% and West Marin is down
7 18%. Mr. DeGabriele advised the Board that Stafford Treatment Plant is producing water, although
8 very limited in February. He reviewed the charts for the Sonoma County water supply and stated that
9 Lake Mendocino holds 66,000AF and Lake Sonoma has 217,500AF. Mr. DeGabriele informed the
10 Board that on Lagunitas Creek, it is a normal year but salinity intrusion continues. He advised the
11 Board that Stafford Lake is in good shape and in Oceana Marin the pond freeboards are looking
12 good. Mr. DeGabriele informed the Board that there has been 274 days since the last lost time
13 accident.

14 Mr. Bentley provided the Board with the February Monthly Report of Investments and stated
15 that at the end of the month the District had \$12.1M in the bank and that CalTrans' had an
16 outstanding balance of \$2.7M owed to the District. He noted that today the District received a check
17 for \$1M. He advised that on an average it takes CalTrans' 71 days to pay an invoice. Mr. Bentley
18 stated that the average weighed portfolio was earning 0.54% in interest.

19 **CONSENT CALENDAR**

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

22 **MARIN LAFCO SPECIAL DISTRICT REGULAR MEMBER ELECTION BALLOTS**

23 The Board voted for President Jack Baker to be the Regular Member for the Marin Local
24 Agency Formation Commission (LAFCO) Special District Representative.

25 **MARIN LAFCO SPECIAL DISTRICT ALTERNATE MEMBER ELECTION BALLOTS**

26 The Board voted for President Jack Baker to be the Alternate Member for the Marin Local
27 Agency Formation Commission (LAFCO) Special District Representative.

28 **ACTION CALENDAR**

29 **LONG-RANGE MASTER PLAN UPDATE FOR OCEANA MARIN WASTEWATER SYSTEM –**
30 **AWARD CONTRACT TO NUTE ENGINEERING**

31 Mr. McIntyre reminded the Board of the Request for Proposals that were sent out for the
32 Oceana Marin Wastewater System Long-Range Master Plan Update and stated that they received

1 three proposals back. He advised the Board that he, Mr. DeGabriele and Mr. Clark reviewed the
2 proposals and recommend Nute Engineering to complete the project.

3 On motion of Director Petterle, seconded by Director Schoonover, the Board authorized the
4 General Manager to execute an agreement between Nute Engineering and the District for consulting
5 engineering services with a not to exceed limit of \$25,000 plus a contingency of \$2,500 by the
6 following vote:

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

8 NOES: None

9 **NOVATO WATER SYSTEM RATE INCREASE LETTER**

10 Mr. Bentley reminded the Board that California law requires that customers be notified of a
11 water rate increase at least 45 days prior to the public hearing where the Board considers adoption
12 of said increase. He informed the Board that staff would like to schedule the public hearing on
13 Tuesday, May 19, 2015 at 7:00 p.m. Mr. Bentley advised the Board that the letter advises customers
14 visit the District website where they can view the Annual Water Cost Calculator to calculate exactly
15 how much the rate increase will affect their monthly bill. Mr. Bentley stated that the proposed
16 commodity rate increase for Novato customers is 4% and no increase is proposed for the bimonthly
17 service charge component of the water bill. He added that the median single-family residential
18 customer will see a \$1.70 per month increase on their average bill.

19 Director Schoonover stated that he was pleased with the monthly calculation available online
20 for the increase.

21 Director Petterle asked that the account numbers be printed on the letter so that the
22 customer has easier access to it when trying to use the monthly calculator on the website.

23 On motion of Director Schoonover, seconded by Director Fraites, the Board approved the
24 mailing of the rate increase letter to customers by the following vote:

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

26 NOES: None

27 **INFORMATION ITEMS**

28 **AQUEDUCT ENERGY EFFICIENCY PROJECT (REACH A-D) – PROGRESS REPORT NO. 3**
29 **(VALI COOPER & ASSOCIATES)**

30 Ken Sinclair, Vali Cooper & Associates provided the Board with Progress Report No. 3 for
31 the Aqueduct Energy Efficiency Project. He stated that the main issue the last couple of months was
32 the delay from the weather which made the project area wet. He advised the Board that some of the

1 vegetation had started to regrow and in order to avoid bird nesting crews removed the overgrown
2 vegetation. Mr. Sinclair provided photos of the project for the Board.

3 President Baker asked when the project would be complete.

4 Mr. Sinclair stated that work will start up again at the end of the month and the projected
5 completion date is at the end of August.

6 Mr. McIntyre advised the Board that in the memo there was an updated cost estimated with
7 all of the change orders, included the bulk of which will be reimbursement by CalTrans'.

8 **REPLACEMENT VEHICLE EXPENDITURES UPDATE**

9 Mr. Clark reminded the Board that staff identified the need to replace two 2005 Honda Civic
10 Hybrid vehicles in the FY 2014/15 Equipment Budget and after receiving Boards comments on that
11 plan and reconsidered the value of keeping the vehicles past the end of their warranty period. He
12 stated that staff reviewed the five year vehicle replacement plan, and identified an alternate to
13 replace the 2006 Chevrolet Colorado and the 2000 Dodge Dakota. He advised the Board that two
14 new vehicles will be purchased through the California State vehicle bid program and will include a
15 Ford Escape and a Ford F-150 pickup. He noted that the cost of the replacement vehicles will not
16 exceed the remaining \$59,000 in the adopted FY14/15 Equipment Budget. Mr. Clark informed the
17 Board that staff will go to auction with the Dakota, Colorado and a forklift once the new vehicles
18 arrive. He advised the Board that on the most recent auction item, a 1993 Case loader the District
19 received \$10,020.

20 Director Rodoni asked if staff considered the Ford Escape as an electric car. Mr. Clark
21 stated that it was too expensive and the wear and tear that will be put on it would not be suitable for
22 an electric car.

23 **FY15/16 CALPERS EMPLOYER RATE**

24 Mr. Bentley advised the Board that the District's fiscal year 2015-16 employer contribution
25 rate will increase by 3.5% of payroll. He informed the Board that the CalPERS attributes the upward
26 revision to three actuarial changes since last year: 1) change in gain and loss amortization and rate
27 smoothing policies; 2) an increase in the assumed retirement age for terminated vested employees
28 and; 3) closing all "classic" employees invalidating the assumption that future employees would help
29 amortize existing unfunded liability.

30 Mr. Bentley advised the Board the total District retirement contribution next fiscal year,
31 including the employer-paid employee contribution will be \$934,000. He reminded the Board that the

1 liquidation of the District's \$2.07M side-fund liability that was paid off reduced next fiscal year's
2 retirement expense by \$238,000.

3 Mr. Bentley informed the Board that the District's unfunded pension liability was \$10.2M at
4 June 30, 2013 and the funded ratio was 71.7%.

5 **SWRCB AMENDED EMERGENCY REGULATIONS FOR URBAN WATER CONSERVATION**

6 Mr. DeGabriele advised the Board that he participated in a conference call on March 5th on
7 the proposed amended emergency regulations for urban water conservation from the State Water
8 Resources Control Board. He informed the Board that he submitted a letter to the State Board
9 commenting on the proposed regulations and advised that the District is having a better water year
10 than one year ago and that the District complied with the State Board's requirements, meeting the
11 Governor's request of a 20% reduction in water use.

12 Mr. DeGabriele stated that the state water conservation requirements limit water to be served
13 at restaurants and bars only upon request and that hotels/motels offer customers the option to not
14 have their linens cleaned daily. Director Fraites stated that the District had already provided place
15 cards to restaurants and requested hotels to conserve last year.

16 Mr. DeGabriele stated that additional requirements will limit outdoor irrigation to no more
17 than two days of watering a week, to promptly notify customers when they have a leak on their
18 property, and additional reporting requirements. He noted that the requirements include small urban
19 water suppliers in regards to outdoor irrigation, which will include the West Marin Water System.

20 Mr. DeGabriele advised that after the State Board meeting today, slight changes were made
21 to their proposed regulations, enabling water suppliers to amend water shortage contingency plans
22 to include the number of days restrictions for outdoor irrigation which does not have to be limited to
23 two days per week. The District will be speaking with water contractors to the north and south to
24 come up with a consistent plan. He noted that District staff will be talking to the larger water users in
25 Novato, including the school district, City of Novato and the golf courses to achieve the outdoor
26 water requirements.

27 Mr. DeGabriele advised the Board that he would like to implement these restrictions at the
28 2nd meeting in April and will have to do some public outreach to get the public opinion on the topic.
29 He stated that the State Board is interested in promoting allocation based water rates and is looking
30 to determine limits for gallons per capita per day on indoor and outdoor water use. He stated that the
31 State Board does not have an agricultural representative and there was no mention of agricultural
32 use during the discussions other than the impact of the drought.

1 Director Fraites asked how the State Board can ignore the agricultural users who are the
2 largest water users. Mr. DeGabriele stated that the State Board is more focused on the water users
3 they can regulate.

4 President Baker asked if Mr. DeGabriele was optimistic about being able to come to an
5 agreement with the other water contractors on water conservation regulations.

6 Mr. DeGabriele stated that it is very difficult to get all water contractors aligned on the same
7 measure but easier to get the message of conservation aligned.

8 **MISCELLANEOUS**

9 The Board received the following miscellaneous information: Disbursements, Rate Increase
10 Notice, RWQCB Notice of Proposed Settlement Agreement, Ltr. from City of Sonoma re:
11 Fluoridation of Drinking Water, Ltr. re: City of Novato General Plan Update, Carbon Free Water
12 achievement, Donation Thank You letter, and Salinity Notice (3/3).

13 The Board received the following news article: Russian River Salmon and Steelhead
14 Monitoring Program Awarded \$1.8M Grant to continue work.

15 **ADJOURNMENT**

16 President Baker adjourned the meeting at 8:17 p.m.

17 Submitted by
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19
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21 Katie Young
22 District Secretary

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MEMORANDUM

April 3, 2015

To: Board of Directors
From: Robert Clark, Operations / Maintenance Superintendent *RC*
Subject: Granular Activated Carbon Replacement Purchase
X:\MAINT SUP\2015\BOD\BOD GAC replacement.doc

RECOMMENDED ACTION: Approve staff recommendation to purchase the replacement GAC from the Calgon Carbon Corporation.

FINANCIAL IMPACT: \$166,333.99 (including tax) as identified in our approved 2014/15 operations budget.

Over the past five years the NMWD Treatment Plant Staff have been working to optimize the final filtration process at the Stafford Treatment Plant (STP). During this time the balance for removal of Total Organic Carbon (TOC), Manganese (Mn) and Taste and Odor (T&O) has been a key focus for the treatment process. In 2009 staff completed a formal bid process to develop an understanding of companies that can meet the water quality parameters for use of Granular Activated Carbon (GAC) at STP. Staff also worked with Kruger Technologies a leader in the water filtration industry and manufacture of our filtration units and two of the GAC manufactures in the western United States Calgon Carbon and Carbon Activated. These three companies have provided our staff with significant input on the use of GAC for the removal of TOC, Mn and T&O compounds from Stafford lake water. Staff has attempted to utilize this input to achieve the best water quality results while keeping operational costs down. Various products from Carbon Activated and Calgon have been utilized with varying results. While the total cost is not the lowest we have found that the better product to manage the complexity of the compounds in Stafford Lake, especially T&O, has been the Calgon F300 product.

This fiscal year staff requested price quotes from American Carbon, Siemens Corporation, Calgon, Carbon Activated and ERS for the GAC replacement. In the attached 2015 STP GAC evaluation sheet staff has normalized the bids for a 150,000 pound order of GAC.

We are currently working with a consultant to review our optimization work as well as to examine Stafford Lake and various influences on water quality. Therefore staff has determined that our current course of action for final filtration management will be to continue using the Calgon F300 GAC product. When the consultant has completed their work at the end of July we will have more information to help make a decision on what products and procedures we may want to utilize to improve our processes.

RECOMMENDATION:

Approve staff recommendation to purchase the replacement GAC from the Calgon Carbon Corporation.

Approved by GM *CD*Date: *4/3/2015*

2015 STP GAC Cost Evaluation

Vendor	Product	Mesh size	Iodine #	Carbon Pounds	Cost \$/lb	Carbon Cost	Shipping Cost	Disposal	Total *
American Carbon	Virgin, Coal Base, Acid Washed	8x30	900+	150,000	1.19	178500.00	3,500	N/A	\$182,000.00
Siemens Corp.	No Bid was provided								\$0.00
Calgon Carbon	Virgin, Coal Base, Acid Washed	8x30	960	150,000	0.93	139000.00	14,000	N/A	\$153,000.00
Carbon Activated	Virgin, Coal Base, Acid Washed	8x30	950	150,000	0.98	147000.00	5,100	N/A	\$152,100.00
ERS	No Bid was provided for carbon but can load carbon								\$0.00

* Note these totals do not include tax for the purchase

6

MEMORANDUM

To: Board of Directors
From: Drew McIntyre, Chief Engineer 
Subject: Approve Request for Proposal: On-Call Construction Services
R:\CHIEF ENGINEER\BOD Misc\OnCall Construction Services BOD Memo 4-15.docx

Date: April 3, 2015

RECOMMENDED ACTION: That the Board approve staff to issue a Request for Proposal for on-call construction services

FINANCIAL IMPACT: None at this time.

Background

The purpose of this memo is to present an option for refining the District's contracting approach to improve the District's ability to readily respond to disasters. Recent studies project the California Bay Area in the near term could face bigger earthquakes than previously predicted. Four faults in the urban areas around San Francisco (including San Andreas Fault) have now built up enough energy to cause a significant earthquake at any time. This information, coupled with lessons learned from the Napa earthquake, has led staff to revisit current District procurement procedures for hiring local third-party contractors. In particular, the District's current advertise-bid-award procedure for hiring contractors is not responsive enough to provide the District with the flexibility to utilize local construction forces in the immediate aftermath of disasters.

Discussion

The primary objective of the proposed alternate contracting approach is to improve emergency response to broken water mains resulting from disasters. An additional benefit of this approach is improved flexibility to accommodate more efficient completion of small District projects in a timely and cost-effective manner. The proposed on-call construction services procurement method would select 2-3 local on-call contractors based on a combination of price and qualifications.

If approved by the Board, the RFP solicitation process would outline minimum qualifications including construction experience, satisfactory references for similar past work, acceptable safety compliance record and adequate bonding and insurance. Firms meeting the minimum requirements would be reviewed and rated by the District with 60% scoring based on qualifications and 40% based upon proposed pricing. Pricing would be evaluated based on hourly rates for pre-defined labor and equipment as well as markups for overhead, profit, and mobilization of materials.

Approved by GM CDDate: 4/3/2015

The aforementioned on-call construction services approach is been successfully used by local agencies including Contra Costa Water District and Dublin San Ramon Services District. This approach has also been vetted by District legal counsel.

Recommendation

That the Board authorize staff to proceed with solicitation of a Request for Proposal for on-call construction services

7

MEMORANDUM

To: Board of Directors
 From: Drew McIntyre, Chief Engineer
 Subject: CSW/Stuber-Stroeh Engineering Services FY15-16 Contract – Miscellaneous Engineering Services

Date: April 3, 2015

R:\NON JOB No ISSUES\Consultants\CSW\FY15-16\Agmts_BOD Memos\CSW FY15_16 contract BOD memo 4-15.doc

RECOMMENDED ACTION: Authorize the General Manager to execute an Agreement for FY15-16 Consulting Services between NMWD and CSW/Stuber-Stroeh

FINANCIAL IMPACT: \$60,000

The amount of planned District work continues to necessitate outsourcing of engineering services using CSW/Stuber-Stroeh (CSW/St²). The purpose of this memo is to request an FY15-16 contract with CSW/St². The last General Services Agreement (GSA) with CSW/St² was approved by the Board in FY11-12 at the September 6, 2011 Board meeting.

Attached is an agreement for CSW/St² to provide continuing FY15-16 outsourcing support for miscellaneous engineering services to assist staff with both District and developer workload demands with a not to exceed limit of \$60,000. A summation of annual billings for CSW/St² miscellaneous engineering services for the last four fiscal years since the last GSA was approved is provided as follows:

TABLE 1

FISCAL YEAR	TOTAL BILLINGS
14-15	\$17,078
13-14	\$10,253
12-13	\$2,063
11-12	\$8,662

A cost breakdown for the FY11-12 contract, by task, is summarized as follows:

TABLE 2

GENERAL ENGINEERING SUPPORT	TOTAL EXPENSE
Carryover balance of \$10,726 from previous Purchase Order	\$10,726
Adjusted Contract Balance	\$40,726
Gallagher Bridge Pipeline	\$21,897
Recycled Water South	\$10,724
Zone A Pressure Improvements	\$2,805
Stafford Dam Concrete Spillway Repair	\$2,630
Total Amount Expended	\$38,056
Balance Remaining	\$2,670

Approved by GM

Date:

CD
 4/3/2015

There is a current balance of \$2,670 on CSW/St²'s existing GSA contract. Staff proposes that CSW/St² continue to provide engineering support under staff review and proceed on work only after specific work scope tasks, schedules and estimate of services cost are discussed, agreed upon, and documented between the District and the Consultant.

One of the first task orders to be funded through this Agreement will be for the Recycled Water Central Service Area Expansion – Hwy 101 bore and jack segment. This first task order will be approximately \$31,300.

RECOMMENDATION

Authorize the General Manager to execute an Agreement for FY15-16 Consulting Services between NMWD and CSW/Stuber-Stroeh for Miscellaneous Engineering Services with a not-to-exceed limit of \$60,000.

AGREEMENT FOR CONSULTING SERVICES

The following is an agreement between **North Marin Water District**, hereinafter "**NMWD**", and **CSW/Stuber-Stroeh**, hereinafter, "**Consultant**".

WHEREAS, Consultant is a duly qualified consulting firm, experienced as a water and sewer facilities design engineering services consultant.

WHEREAS, in the judgment of the Board of Directors of the NMWD, it is necessary and desirable to employ the services of the Consultant for water and sewer facilities design to meet workload demands.

NOW, THEREFORE, in consideration of the mutual covenants contained herein, the parties hereto agree as follows:

PART A -- SPECIFIC PROVISIONS:

1. DESCRIPTION OF SERVICES AND PAYMENT: Except as modified in this agreement, the services to be provided and the payment schedule are:

- a. Specific work scope tasks, schedules and estimate of services cost shall be discussed, agreed upon and documented between NMWD and the Consultant prior to beginning any work under this agreement.
- b. The fee for the work shall be on a time and expense (T & E) basis utilizing the fee schedule included in Attachment A of this agreement and shall not exceed \$60,000 without prior written authorization by NMWD.

PART B -- GENERAL PROVISIONS

1. ASSIGNMENT/DELEGATION: Except as above, neither party hereto shall assign, sublet or transfer any interest in or duty under this agreement without written consent of the other, and no assignment shall be of any force or effect whatsoever unless and until the other party shall have so consented.

2. STATUS OF CONSULTANT: The parties intend that the Consultant, in performing the services hereinafter specified, shall act as an independent contractor and shall have the control of the work and the manner in which it is performed. The Consultant is not to be considered an agent or employee of NMWD, and is not entitled to participate in any pension plan, insurance, bonus or similar benefits NMWD provides its employees.

3. INDEMNIFICATION: NMWD is relying on the professional ability and training of the Consultant as a material inducement to enter into this agreement. The Consultant hereby warrants that all its work will be performed in accordance with generally accepted professional practices and standards, as well as the requirements of applicable federal, state and local laws, it being understood that neither acceptance of the Consultant's work by NMWD nor Consultant's failure to perform shall operate as a waiver or release.

- a. With respect to professional services under this agreement, Consultant shall assume the defense of and defend NMWD, its directors, officers, agents, and employees in any action at law or in equity in which liability is claimed or alleged to arise out of, pertain to, or relate to, either directly or indirectly, the intentional or willful misconduct,

recklessness, or negligent act, error, or omission of Consultant (or any person or organization for whom Consultant is legally liable) in the performance of the activities necessary to perform the services for District and complete the task provided for herein. In addition, Consultant shall indemnify, hold harmless, and release NMWD, its directors, officers, agents, and employees from and against any and all actions, claims, damages, disabilities or expenses, including attorney's fees and witness costs, that may be asserted by any person or entity including the Consultant, arising out of, pertaining to, or relating to, the negligent acts, errors or omissions, recklessness, or intentional or willful misconduct of the Consultant (or any consultant or subcontractor of Consultant) in connection with the activities necessary to perform the services and complete the task provided for herein, but excluding liabilities due to the sole negligence or willful misconduct of NMWD.

- b. With respect to all other than professional services under this agreement, Consultant shall indemnify, hold harmless, release and defend NMWD, its agents and employees from and against any and all actions, claims, damages, disabilities or expenses, including attorney's fees and witness costs that may be asserted by any person or entity, including the Consultant, arising out of or in connection with the activities necessary to perform those services and complete the tasks provided for herein, but excluding liabilities due to the sole negligence or willful misconduct of NMWD.

This indemnification is not limited in any way by any limitation on the amount or type of damages or compensation payable by or for the NMWD or its agents under workers' compensation acts, disability benefit acts or other employee benefit acts.

4. PROSECUTION OF WORK: The execution of this agreement shall constitute the Consultant's authority to proceed immediately with the performance of this contract. Performance of the services hereunder shall be completed by June 30, 2016, provided, however, that if the performance is delayed by earthquake, flood, high water or other Act of God or by strike, lockout or similar labor disturbance, the time for the Consultant's performance of this contract shall be extended by a number of days equal to the number of days the Consultant has been delayed.

5. METHOD AND PLACE OF GIVING NOTICE, SUBMITTING BILLS AND MAKING PAYMENTS: All notices, bills and payment shall be made in writing and may be given by personal delivery or by mail. Notices, bills and payments sent by mail should be addressed as follows:

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

Consultant:
CSW/Stuber-Stroeh
45 Leveroni Ct.
Novato, CA 94949
Attention: Al Cornwell

and when so addressed, shall be deemed given upon deposit in the United States Mail, postage prepaid. In all other instances, notices, bills and payments shall be deemed given at the time of actual delivery. Changes may be made in the names and addresses of the person to whom notices, bills and payments are to be given by giving notice pursuant to this paragraph.

6. MERGER: This writing is intended both as the final expression of the agreement between the parties hereto with respect to the included terms of the agreement, pursuant to California Code of Civil Procedure Section 1856 and as a complete and exclusive statement of the terms of the agreement. No modification of this agreement shall be effective unless and until such modification is evidenced by a writing signed by both parties.

7. SEVERABILITY: Each provision of this agreement is intended to be severable. If any term of any provision shall be determined by a court of competent jurisdiction to be illegal or invalid for any reason whatsoever, such provision shall be severed from this agreement and shall not affect the validity of the remainder of the agreement.

8. TERMINATION: At any time and without cause the NMWD shall have the right in its sole discretion, to terminate this agreement by giving written notice to the Consultant. In the event of such termination, NMWD shall pay the Consultant for services rendered to such date.

9. TRANSFER OF RIGHTS/OWNERSHIP OF DATA: The Consultant assigns to NMWD all rights throughout the work in perpetuity in the nature of copyright, trademark, patent, and right to ideas, in and to all versions of any plans and specifications, reports and document now or later prepared by the Consultant in connection with this contract.

The Consultant agrees to take such actions as are necessary to protect the rights assigned to NMWD in this agreement, and to refrain from taking any action which would impair those rights. The Consultant's responsibilities under this contract will include, but not be limited to, placing proper notice of copyright on all versions of any plans and specifications, reports and documents as NMWD may direct, and refraining from disclosing any versions of the reports and documents to any third party without first obtaining written permission of NMWD. The Consultant will not use, or permit another to use, any plans and specifications, reports and document in connection with this or any other project without first obtaining written permission of NMWD.

All materials resulting from the efforts of NMWD and/or the Consultant in connection with this project, including documents, reports, calculations, maps, photographs, computer programs, computer printouts, digital data, notes and any other pertinent data are the exclusive property of NMWD. Re-use of these materials by the Consultant in any manner other than in conjunction with activities authorized by NMWD is prohibited without written permission of NMWD.

Consultant shall deliver requested materials to NMWD in electronic format including but not limited to engineering calculations, plans (AutoCad, current edition) and specifications (MS Word, current edition).

10. COST DISCLOSURE: In accordance with Government Code Section 7550, the Consultant agrees to state in a separate portion of any report provided NMWD, the numbers and amounts of all contracts and subcontractors relating to the preparation of the report.

11. NONDISCRIMINATION: The Consultant shall comply with all applicable federal, state and local laws, rules and regulations in regard to nondiscrimination in employment because of race, color, ancestry, national origin, religion, sex, marital status, age, medical condition or physical handicap.

12. EXTRA (CHANGED) WORK: Extra work may be required. The Consultant shall not proceed nor be entitled to reimbursement for extra work unless it has been authorized, in writing, in advance, by NMWD. The Consultant shall inform the District as soon as it determines work beyond

the scope of this agreement may be necessary and/or that the work under this agreement cannot be completed for the amount specified in this agreement. Said review shall occur before consultant incurs 75% of the total fee approved for any phase of the work. Failure to notify the District shall constitute waiver of the Consultant's right to reimbursement.

13. CONFLICT OF INTEREST: The Consultant covenants that it presently has no interest and shall not acquire any interest, direct or indirect, which would conflict in any manner or degree with the performance of its services hereunder. The Consultant further covenants that in the performance of this contract no person having any such interest shall be employed.

14. INSURANCE REQUIREMENTS FOR CONSULTANTS

Consultant shall procure and maintain for the duration of the contract insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by the consultant, his agents, representatives, employees or subcontractors.

Minimum Scope of Insurance

Coverage shall be at least as broad as:

1. Commercial General Liability coverage
2. Automobile Liability
3. Workers' Compensation insurance as required by the State of California.
4. Professional Liability insurance appropriate to the consultant's profession. Architects' and engineers' coverage is to be endorsed to include contractual liability.

Minimum Limits of Insurance

Consultant shall maintain limits no less than:

1. General Liability (including operations, products and completed operations.): **\$1,000,000** per occurrence for bodily injury, personal injury and property damage. If Commercial General Liability Insurance or other form with a general aggregate limit is used, either the general aggregate limit shall apply separately to this project/location or the general aggregate limit shall be twice the required occurrence limit.
2. Automobile Liability: **\$1,000,000** per accident for bodily injury and property damage.
3. Workers' Compensation Insurance: as required by the State of California.
4. Professional Liability, **\$1,000,000** per occurrence.

Verification of Coverage

Consultant shall furnish the District with original certificates and amendatory endorsements effecting coverage required by this clause. All certificates and endorsements are to be received and approved by the District before work commences. The District reserves the right to require at any time complete and certified copies of all required insurance policies, including endorsements affecting the coverage required by these specifications.

Subcontractors

Consultant shall include all subcontractors as insureds under its policies or shall furnish separate certificates and endorsements for each subcontractor to the District for review and approval. All coverage for subcontractors shall be subject to all of the requirements stated herein.

Self-Insured Retentions

Any self-insured retentions must be declared to and approved by the District. At the option of the District, either: the insurer shall reduce or eliminate such self-insured retentions as respects the District, its officers, officials, employees and volunteers; or the Consultant shall provide a financial guarantee satisfactory to the District (such as a surety bond) guaranteeing payment of losses and related investigations, claim administration, and defense expenses.

Other Insurance Provisions

The commercial general liability and automobile liability policies are to contain, or be endorsed to contain, the following provisions:

1. The District, its officers, officials, employees, and volunteers are to be covered as insureds with respect to liability arising out of automobiles owned, leased, hired or borrowed by or on behalf of the Consultant.
2. For any claims related to this project, the Consultant's insurance coverage shall be primary insurance as respects the District, its officers, officials, employees, and volunteers. Any insurance or self-insurance maintained by the District, its officers, officials, employees, or volunteers shall be excess of the Consultant's insurance and shall not contribute with it.
3. Each insurance policy required by this clause shall be endorsed to state that coverage shall not be canceled by either party, except after thirty (30) days' prior written notice by certified mail, return receipt requested, has been given to the District.

Acceptability of Insurers

Insurance is to be placed with insurers with a current A.M. Best's rating of no less than A:VII.

15. DISPUTE RESOLUTION: Any dispute or claim in law or equity between District and Consultant arising out of this agreement, if not resolved by informal negotiation between the parties, shall be mediated by referring it to the nearest office of Judicial Arbitration and Mediation Services, Inc. (JAMS) for mediation. Mediation shall consist of an informal, non-binding conference or conferences between the parties and the judge-mediator jointly, then in separate caucuses wherein the judge will seek to guide the parties to a resolution of the case. If the parties cannot agree to mutually acceptable member from the JAMS panel of retired judges, a list and resumes of available mediators numbering one more than there are parties will be sent to the parties, each of whom will strike one name leaving the remaining as the mediator. If more than one name remains, JAMS arbitrations administrator will choose a mediator from the remaining names. The mediation process shall continue until the case is resolved or until such time as the mediator makes a finding that there is no possibility of resolution.

At the sole election of the District, any dispute or claim in law or equity between District and Consultant arising out of this agreement which is not settled through mediation shall be decided by neutral binding arbitration and not by court action, except as provided by California law for judicial review of arbitration proceedings. The arbitration shall be conducted in accordance with the rules of Judicial Arbitration Mediation Services, Inc. (JAMS). The parties to an arbitration may agree in writing to use different rules and/or arbitrators.

16. BILLING AND DOCUMENTATION: The Consultant shall invoice NMWD for work performed on a monthly basis and shall include a summary of work for which payment is requested. The invoice shall state the authorized contract limit, the amount of invoice and total amount billed to date. The summary shall include time and hourly rate of each individual, a narrative description of work accomplished, and an estimate of work completed to date.

17. REASONABLE ASSURANCES: Each party to this agreement undertakes the obligation that the other's expectation of receiving due performance will not be impaired. When reasonable grounds for insecurity arise, with respect to performance of either party, the other may, in writing, demand adequate assurance of due performance and until the requesting party receives such assurance may, if commercially reasonable, suspend any performance for which the agreed return has not been received. "Commercially reasonable" includes not only the conduct of the party with respect to performance under this agreement but also conduct with respect to other agreements with parties to this agreement or others. After receipt of a justified demand, failure to provide within a reasonable time, not to exceed 30 days, such assurance of due performance as is adequate under the circumstances of the particular case is a repudiation of this agreement. Acceptance of any improper delivery, service, or payment does not prejudice the aggrieved party's right to demand adequate assurance of future performance.

18. PREVAILING WAGE REQUIREMENTS: Prevailing Wage Rates apply to all Consultant personnel performing work under the Agreement for which wage determinations have been made by the Director of Industrial Relations pursuant to California Labor Code Sections 1770–1782,. Consultant shall comply with all applicable prevailing wage labor code requirements

**NORTH MARIN WATER DISTRICT
"NMWD"**

Dated: _____

Chris DeGabriele, General Manager

**CSW/STUBER-STROEH
"CONSULTANT"**

Dated: _____

Al Cornwell

8

MEMORANDUM

To: Board of Directors
From: Ryan Grisso, Water Conservation Coordinator *RG*
Subject: Drought Emergency Water Conservation Regulations – Set Public Hearing
t:\gm\swrcb\drought emergency water conservation requirements 2015.doc

April 3, 2015

RECOMMENDED ACTION: Set public hearing on April 21st to adopt resolution with amended requirements.
FINANCIAL IMPACT: None at this time

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

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

On March 17, 2015 the State Board re-adopted the previously mentioned Emergency Water Conservation Regulations with amendments as shown in underline/strikeout format on Attachment 1.

An Ad Hoc meeting of the SCWA Technical Advisory Committee was held on March 26th to consider a coordinated response under the Sonoma-Marín Saving Water Partnership. The parties agreed that the SMSWP approach would limit outdoor irrigation to no more than 3 days per week and not on consecutive days. Additionally, the parties understood that some exceptions will be needed to address irrigated areas that cannot survive with such limited irrigation scheduling and that administration of the irrigated days limits are best handled by each individual entity and not a cross jurisdictional boundaries.

Therefore, staff again proposes that NMWD comply with the amended requirements by resolution. A draft resolution is attached (Attachment 2) for information. If acceptable, staff will notice a public hearing for the next meeting on April 21st and agendize approval at that time.

On Wednesday, April 1, 2015, Governor Brown issued Executive Order (EO) B-29-15 (Attachment 3) which directs the State Board to add further restrictions to save water. We have proposed these further restrictions in the attached resolution, but it is not known whether the State Boards requirements will mirror the EO. The SMSWP members will meet again to discuss the EO and any subsequent State Board order.

RECOMMENDATION

Board review the attached resolution updated to comply with the current SWRCB Emergency Water Conservation Regulations and set a public hearing for the April 21, 2015 regular meeting to consider adoption.

ADOPTED TEXT OF EMERGENCY REGULATION

Article 22.5. Drought Emergency Water Conservation

Sec. 863 Findings of Drought Emergency

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

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

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

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

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

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

Authority: Wat. Code, § 1058.5.

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

Sec. 864 ~~Prohibited Activities~~End-User Requirements in Promotion of Water Conservation

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

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

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

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

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

(5) The application of potable water to outdoor landscapes during and within 48 hours after measurable rainfall; and

(6) The serving of drinking water other than upon request in eating or drinking establishments, including but not limited to restaurants, hotels, cafes, cafeterias, bars, or other public places where food or drink are served and/or purchased.

(b) To promote water conservation, operators of hotels and motels shall provide guests with the option of choosing not to have towels and linens laundered daily. The hotel or motel shall prominently display notice of this option in each guestroom using clear and easily understood language.

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

Authority: Wat. Code, § 1058.5.

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

Sec. 865 Mandatory Actions by Water Suppliers

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

(b)(1) To promote water conservation, each urban water supplier shall implement all requirements and actions of the stage of its water shortage contingency plan that ~~imposes~~ includes mandatory restrictions on the number of days that outdoor irrigation of ornamental landscapes or turf with potable water is allowed, or shall amend its water shortage contingency plan to include mandatory restrictions on the number of days that outdoor irrigation of ornamental landscapes or turf with potable water is allowed and implement these restrictions within forty-five (45) days. Urban water suppliers with approved alternate plans as described in subdivision (b)(2) are exempted from this requirement.

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

(c) To promote water conservation, each urban water supplier that does not have a water shortage contingency plan that restricts the number of days that outdoor irrigation of ornamental landscapes and turf with potable water is allowed, or has been notified by the Department of Water Resources that its water shortage contingency plan does not meet the requirements of Water Code section 10632 shall, within ~~thirty-fourty-five (3045)~~ days, limit outdoor irrigation of ornamental landscapes or turf with potable water by the persons it serves to no more than two days per week ~~or shall implement another mandatory conservation measure or measures intended to achieve a comparable reduction in water consumption by the persons it serves relative to the amount consumed in 2013.~~

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

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

(2) Prepare and submit to the State Water Resources Control Board by the 15th of each month a monitoring report on forms provided by the Board. The monitoring report

shall include the amount of potable water the urban water supplier produced, including water provided by a wholesaler, in the preceding calendar month and shall compare that amount to the amount produced in the same calendar month in 2013. ~~Beginning October 15, 2014,~~ The monitoring report shall specify the population served by the urban water supplier, the percentage of water produced that is used for the residential sector, descriptive statistics on water conservation compliance and enforcement efforts, and the number of days that outdoor irrigation is allowed. The monitoring report shall also estimate the gallons of water per person per day used by the residential customers it serves. ~~In its initial monitoring report, each urban water supplier shall state the number of persons it serves.~~

(e) To promote water conservation, each distributor of a public water supply, as defined in Water Code section 350, that is not an urban water supplier shall, within ~~thirty~~ forty-five (3045) days, take one or more of the following actions:

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

(2) Implement another mandatory conservation measure or measures intended to achieve a ~~comparable~~ 20 percent reduction in water consumption by the persons it serves relative to the amount consumed in 2013.

Authority: Wat. Code, § 1058.5.

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

DRAFT

RESOLUTION 14-18 REVISED

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

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

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

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

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

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

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

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

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

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

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

1. Implement all requirements and actions of the stage of its water shortage contingency plan that includes imposes mandatory restrictions on the number of days that outdoor irrigation of ornamental landscapes or turf with potable water is allowed, or shall amend its water shortage contingency plan to include mandatory restrictions on the number of days that outdoor irrigation of ornamental landscapes or turf with potable water is allowed and implement these restrictions within forty-five (45) days;
- 1-2. Provide prompt notice to a customer whenever the supplier obtains information that indicates that a leak may exist within the end-users exclusive control;
- 2-3. Prepare and submit to the State Board by the 15th of each month a monitoring report that includes the amount of potable water produced, including potable water provided by a wholesaler, in the preceding calendar month compared to the amount produced in the same calendar month in 2013 and estimate the gallons of water per person per day used by the residential customers it serves. The monitoring report

shall specify the population served by the urban water supplier, the percentage of water produced that is used for the residential sector, descriptive statistics on water conservation compliance and enforcement efforts, and the number of days that outdoor irrigation is allowed.

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

1. The District's Water Shortage Contingency Plan is revised to require that Residential and Commercial irrigation shall be prohibited except on specific days and times as set forth by resolution of the Board of Directors.
- 1.2. The District's existing Regulation 15, section b. (Water Conservation - Novato Service Area), Regulation 17, Section b (Water Conservation - West Marin Service Area) and Emergency Water Conservation Ordinance No. 28, enacted on April 1, 2014, contain prohibitions on those uses contained in Section 864 of Article 22.5, and remains in effect.
- 2.3. The following use (s) is declared to be non-essential and is prohibited:
 - a. Watering of any lawn, garden landscaped area, tree, shrub or other plant except from a handheld hose equipped with an automatic shut-off nozzle, container or drip irrigation system. Overhead sprinkler irrigation can be used no more than three (3) days per week and not on consecutive days if customer maintains an overall 2025% reduction in water use compared to the corresponding billing period in 2013 (Customers using less than 300 gallons per day are permitted to water their landscapes without the required 2025% reduction), and properly operates the irrigation system in a non-wasteful manner between the hours of 7:00 p.m. and 9:00 a.m. the next day. If overhead sprinkler water is used in a wasteful manner, the General Manager may prohibit sprinkling by that customer. Exemptions may be granted for irrigation of recreational landscape areas provided a 25% reduction in water use compared to the corresponding billing period in 2013 is maintained.
 - b. Watering any turf on public street medians with potable water.
 - a-c. Watering any landscape in homes and buildings constructed after April 1, 2015 with potable water except where drip or micro spray irrigation is used.
- 3.4. In response to the mandate in Section 865 in Article 22.5, the Board directs staff to implement those water conservation measures governing restrictions on outdoor water use described above. In addition, the Board leaves in full force and effect Regulation 15, Section b., Regulation 17, Section b. and Emergency Water Conservation Ordinance No. 28. These will ensure continued water conservation on compliance with the mandate contained in Article 22.5. Enforcement will be in accordance with existing provisions of Regulation 15, Section b., and Emergency Water Conservation Ordinance No. 28.

4-5. The Board directs staff to comply with the reporting requirements noted in Section 865 or Article 22.5.

5-6. The provisions of this Resolution shall remain in effect as long as Article 22.5 remains in effect.

* * * * *

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

AYES:

NOES:

ABSENT:

ABSTAINED:

Katie Young, District Secretary
North Marin Water District

(SEAL)

Executive Department
State of California

EXECUTIVE ORDER B-29-15

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

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

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

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

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

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

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

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

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

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



IT IS HEREBY ORDERED THAT:

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

SAVE WATER

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

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

INCREASE ENFORCEMENT AGAINST WATER WASTE

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

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

INVEST IN NEW TECHNOLOGIES

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

STREAMLINE GOVERNMENT RESPONSE

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

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

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

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

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

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

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

EDMUND G. BROWN JR.
Governor of California

ATTEST:

ALEX PADILLA
Secretary of State



9

MEMORANDUM

To: Board of Directors

April 3, 2015

From: Drew McIntyre, Chief Engineer
Carmela Chandrasekera, Associate Engineer

Subject: 12-Inch Cast Iron Pipe Bursting Project, South Novato Blvd. - Rowland Blvd to Sunset Parkway: Award Contract to Team Ghilotti Inc.

R:\Folders by Job No\7000 jobs\7067\7067.20\BOD Memos\7067.20 Contract Award to Team Ghilotti BOD Memo 4-3-15.docx

RECOMMENDED ACTION: Approve award of the contract to Team Ghilotti Inc. and authorize the General Manager to execute an agreement with same**FINANCIAL IMPACT:** \$122,700 (plus contingency of \$12,300)Background

The proposed 12-Inch Cast Iron Pipe Bursting Project in South Novato Blvd. between Rowland Blvd to Sunset Parkway will replace the existing 12-inch cast iron pipe by pipe bursting method and pulling approximately 960 ft of 12-inch fusible PVC pipe (see Attachment 1 for the project area). NMWD has previously used pipe bursting in two locations. In 2011 pipe bursting was used to replace approximately 600 ft of 12-inch cast iron (CI) main on S. Novato Blvd across the Rowland Blvd. intersection adjoining the current project area and in 2003 pipe bursting was used to replace approximately 750 ft of 12-inch CI main feeding Airbase Tank in Hamilton. The project is included in the FY 2015/2016 Capital Improvement Budget at \$400,000. NMWD will supply all installed material except the fusible PVC pipe and fusion welding. Temporary services, traffic control, all excavations for entrance and exist pits, removal of concrete thrust blocks, disconnecting and reinstalling of service and fire hydrant laterals, trench restoration and paving will be performed by NMWD. NMWD crews will also install approximately 200 ft of pipe by open trench where the new pipe cannot be installed by bursting.

The advertised date for this project was January 16, 2015 with a bid opening on February 20, 2015. The District advertised the project in the Marin IJ and builders exchanges in the greater bay area. Four (4) prime contractors attended the pre-bid meeting on February 10, 2015. The bid period was for five (5) weeks and included one (1) addendum. Three (3) bids were received ranging from a low of \$122,700 to a high of \$163,940. The three bids are listed below.

	CONTRACTOR	BID
1.	Team Ghilotti, Inc. (Petaluma, CA)	\$122,700
2.	Bay Pacific Pipelines (Novato, CA)	\$157,720
3.	Mocon Corp (Indio, CA)	\$163,940

The Engineer's Estimate for the work was \$130,000. The bid span between the Number 1 and Number 2 low bidders was \$35,020 (for a variance of 26.9%)

Bid Evaluation

Team Ghilotti, Inc. (TGI) of Petaluma, California, submitted the lowest responsive bid of \$122,700 which is \$7,300 (5.6%) below the Engineer's pipe bursting cost estimate of \$130,000. A bid evaluation was performed and is summarized in Attachment 2. An updated project cost summary is provided as Attachment 3. The attached analysis shows that TGI's bid is both responsive and responsible. TGI was also the contractor for NMWD's Gallagher Well Pipeline project and the project was successfully completed in December 2014.

RECOMMENDATION

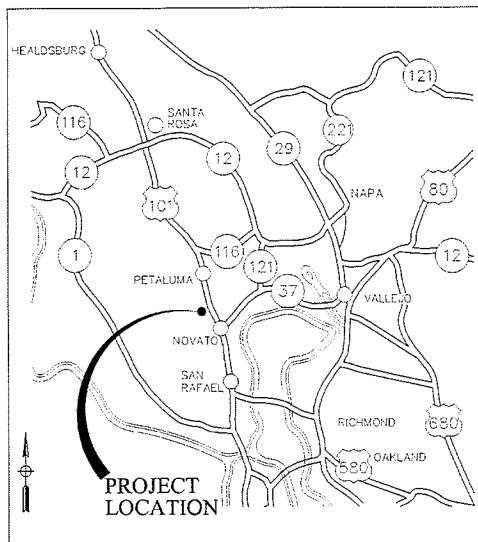
That the Board approve award of the contract to Team Ghilotti, Inc. and authorize the General Manager to execute an agreement with Team Ghilotti, Inc. for \$122,700 and a contingency of \$12,300.



NORTH MARIN WATER DISTRICT

999 RUSH CREEK PLACE POST OFFICE BOX 146
NOVATO, CALIFORNIA 94948
PHONE: (415) 897-4133

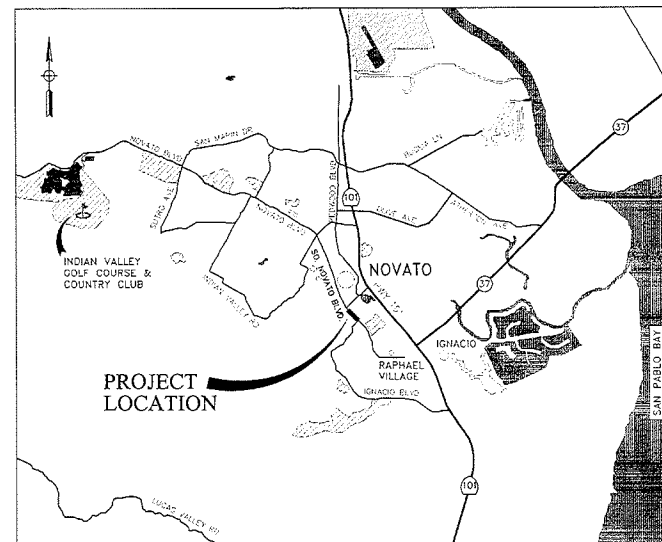
SOUTH NOVATO BLVD. 12-INCH PIPE REPLACEMENT



VICINITY MAP
NTS

NMWD PROJECT NO. 1.7067.20
NOVEMBER 2014

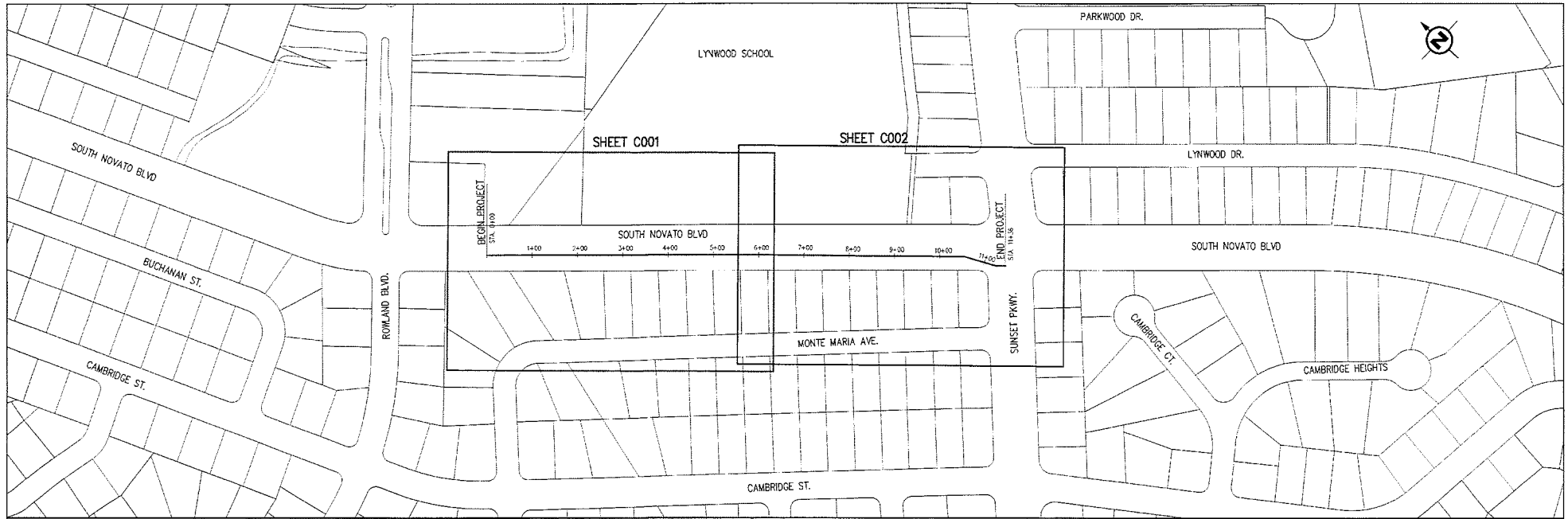
NORTH MARIN WATER DISTRICT COORDINATION REVIEW	
DEPARTMENT	APPROVED
ENGINEERING	<i>[Signature]</i>
CONSTRUCTION	<i>[Signature]</i>
MAINTENANCE	<i>[Signature]</i>
OPERATIONS	<i>[Signature]</i>
WATER QUALITY	<i>[Signature]</i>



LOCATION MAP
NTS



1/16/15		ISSUED FOR BID		CC: DM	
NO	DATE	REVISION	BY: JPP		
NORTH MARIN WATER DISTRICT NOVATO, CALIFORNIA					
SOUTH NOVATO BLVD. 12-INCH PIPE REPLACEMENT COVER SHEET					
DES	DR	CH	SCALE	NO SCALE	
CC	AC	DR	DATE	9/3/14	
APPROVED: JHSEF ENGINEER			SHEET NO.	1 OF 4 SHEETS	
R.E. 040936			SERVICE AREA	1 JOB NO. 7067.20 NO. G001	



SITE PLAN
SCALE: 1"=200'

GENERAL NOTES:

1. ALL PVC IS C-900, DR-14 CLASS 305 UNLESS NOTED OTHERWISE, WHEN APPLICABLE CONTRACTOR TO SEVER INSIDE DIAMETER OF PIPE TO ALLOW FOR SMOOTH OPERATION OF THE BUTTERFLY VALVE.
2. FOR OPEN TRENCH USE PVC-C900 PIPE PER NMDW SPECIFICATION 15064. FOR POSSIBLE PVC FOR PIPE BURSTING REFER TO NMDW SPECIFICATION 15065.
3. HOT TAPS AND TIE-INS BY NMDW
4. PRIOR TO START OF WORK A PRECONSTRUCTION MEETING SHALL BE HELD AT THE LOCATION, DATE AND TIME SPECIFIED BY NMDW.
5. EXCAVATIONS SHALL BE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL LAWS.
6. ALL MATERIALS INSTALLED BY CONTRACTOR SHALL BE FURNISHED BY NMDW EXCEPT FUSIBLE PVC PIPE.
7. THE CONTRACTOR SHALL HOLD HARMLESS NMDW, ITS AUTHORIZED AGENTS, REPRESENTATIVES OR EMPLOYEES FROM ALL LIABILITIES AND DAMAGES RESULTING FROM CONTRACTOR'S CONSTRUCTION OPERATIONS.
8. FOR TRENCH SECTION REFER TO NMDW STD. NO.1
9. FOR VALVE RISER REFER TO NMDW STD. NO.2
10. FOR CONCRETE THRUST BLOCKING REFER TO NMDW STD. NO.3
11. FOR CONCRETE ANCHOR BLOCKS FOR VERTICAL BENDS REFER TO NMDW STD. NO.4
12. FOR TYPICAL STEEL WATERMAIN LOWERING REFER TO NMDW STD. NO.10
13. CONTRACTOR SHALL INSTALL SAFETY FENCE BARRIERS AS REQUIRED TO ADEQUATELY PROTECT THE JOB SITE
14. ALL IMPROVEMENTS, PUBLIC OR PRIVATE, DISTURBED OR DAMAGED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE AND TO THE SATISFACTION OF THE NMDW ENGINEER.
15. ALL STEEL PIPE IS AWWA C200-05, 1/4" WALL THICKNESS WITH 0.375" CEMENT MORTAR LINING AND THREE LAYER POLYETHYLENE TAPE WRAP PER NMDW SPECIFICATION 15061.
16. INTENTIONALLY LEFT BLANK.
17. FOR CABLE BONDING JUMPER INSTALLATION REFER TO NMDW STD. NO.11
18. FOR SACRIFICIAL ANODE INSTALLATION REFER TO NMDW STD. NO.12
19. FOR VALVE WARNINGS REFER TO NMDW STD. NO.22
20. FOR LEAKAGE CHART REFER TO NMDW STD. NO.23
21. FOR SYMBOLS AND ABBREVIATIONS REFER TO NMDW STD. NO.24
22. FOR APPROXIMATE DEPTH OF WATERMAIN FROM VALVE NOT REFER TO NMDW STD. NO.25
23. ALL FASTENERS SHALL BE 316 S.S. AND ASSEMBLED USING ANTI-SEIZE THREAD COMPOUND.
24. NMDW SHALL ACQUIRE A PUBLIC WORKS ENCROACHMENT PERMIT PRIOR TO STARTING ANY WORK WITHIN PUBLIC RIGHT-OF-WAY.
25. INTENTIONALLY LEFT BLANK.
26. INTENTIONALLY LEFT BLANK.
27. TRAFFIC CONTROL SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE LATEST "MANUAL OF TRAFFIC CONTROL" PUBLISHED BY CALTRANS. (BY NMDW)
28. CONTRACTOR SHALL COMPLY WITH BEST MANAGEMENT PRACTICES (BMPs) AS DEFINED BY CA. STORMWATER BEST MANAGEMENT PRACTICES HANDBOOK (EROSION SEDIMENT CONTROL FIELD MANUAL, RWQCB, SF BAY REGION).

NOTES:

29. CONTRACTOR SHALL BE SOLELY & COMPLETELY RESPONSIBLE FOR COMPLIANCE WITH ANY CURRENTLY APPLICABLE SAFETY LAW OF ANY JURISDICTIONAL BODY. FOR INFORMATION REGARDING THIS PROVISION, CONTRACTOR IS DIRECTED TO CONTACT THE STATE OF CALIFORNIA, INDUSTRIAL SAFETY DEPARTMENT. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL BARRICADES, SAFETY DEVICES AND CONTROL OF PEDESTRIAN/VEHICULAR TRAFFIC WITHIN THE CONSTRUCTION AREA. FOR ALL TRENCH EXCAVATIONS, FIVE (5) FEET OR MORE IN DEPTH, CONTRACTOR SHALL OBTAIN A PERMIT FROM THE DIVISION OF INDUSTRIAL SAFETY, PRIOR TO BEGINNING ANY EXCAVATION. A COPY OF THIS PERMIT SHALL BE AVAILABLE ON SITE AT ALL TIMES.
30. CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MEMBERS OF UNDERGROUND SERVICE ALERT (U.S.A.) TWO (2) WORKING DAYS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK BY CALLING 800-642-2444.
31. IN THE EVENT OF DISCOVERING CULTURAL RESOURCES, SUCH AS UNCOVERING OF ANY UNUSUAL AMOUNT OF STONE, BONE OR SHELL DURING GRADING OR OTHER CONSTRUCTION ACTIVITIES, WORK SHALL BE HALTED WITHIN A 100' RADIUS OF THE FIND. THE NORTHWEST INFORMATION CENTER SHALL BE NOTIFIED AT (707) 864-0880. A QUALIFIED ARCHEOLOGIST SHALL BE CONSULTED FOR AN ON-SITE EVALUATION. ADDITIONAL MITIGATION MAY BE REQUIRED BY THE COUNTY PER THE ARCHEOLOGIST'S RECOMMENDATIONS. IF HUMAN BURIALS OR HUMAN REMAINS ARE ENCOUNTERED, CONTRACTOR SHALL ALSO NOTIFY THE COUNTY CORONER (415) 499-6043.
32. P&E TO STANDBY DURING ANY EXCAVATIONS OR PIPE BURSTING OPERATIONS WHEN HORIZONTAL SEPARATION IS LESS THAN 5 FT. BETWEEN CLOSER EDGES OF PIPE, THE 12" HIGH PRESSURE GAS TRANSMISSION MAIN AND THE 12" WATER MAIN.
33. P&E TO STANDBY WHEN THE PROPOSED 12" WATER MAIN CROSSES THE 12" HP GAS TRANSMISSION MAIN, THE MINIMUM VERTICAL SEPARATION SHALL NOT BE LESS THAN 12" AND TO BE INSTALLED BY OPEN TRENCH METHOD BY NMDW.
34. INFORM P&E 3 WEEKS BEFORE START OF WORK TO SCHEDULE STANDBY INSPECTION WHERE REQUIRED.
35. PLAN AND DOCUMENT DECONTAMINATION OF ALL DISCHARGE WATER FROM MAIN. CONSIDER USING BAKER TANK. BY NMDW.

REFERENCE DRAWINGS:

FACILITY MAPS H-19 & H-20
J-17987.01
J-17994
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North Marin Water District										Project No. 1 7067.20
12-inch CI Pipe Bursting Project - S. Novato Blvd. Rowland to Sunset Pkwy										
Bid Items From Bid Schedule				Engineer's Estimate	Team Ghilotti, Inc.		Bay Pacific Pipeline		Morcon Corp	
Item No.	Qty.	Unit	Description of Items	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
1	1	LS	Mobilization, Bonds, Permits and Insurance costs for the entire job		\$NA	\$7,500	\$NA	\$7,000	\$NA	\$30,500
2	960	FT	Purchase and fuse 12-inch FPVC pipe		\$70	\$67,200	104	\$99,840	73	\$70,080
3	960	FT	Pipe burst and pull 12-inch FPVC pipe.		\$50	\$48,000	53	\$50,880	\$66	\$63,360
Total Base Bid :				\$130,000		\$122,700		\$157,720		\$163,940

Bid Forms:				
"IN" Stamped before bid closing		yes	yes	yes
Bid multiplies out and sums correctly		yes	yes	No
License - Possesses valid Class C61/Category D49		yes	yes	yes
Bid Form - Addendum 1 acknowledged		yes	yes	yes
Bid Form - Signed by Authorized Individual		yes	yes	yes
Bid Form - Contractor's Experience Statement		yes	yes	yes
Bid Form - Bidder's Reference		yes	yes	yes
Bid Form - Contractor's Equipment Available		yes	yes	yes
Bid Form - Bidder's Financial Reference		yes	yes	yes
Bid Form - Designation of Subcontractors		yes -see below*	none	none
Bid Bond		yes	yes	yes
Bidders Experience and Qualifications		checked-see below**	not checked	not checked

* Team Ghilotti - Gehrco Machine - Antioch, CA, Pipe bursting (item 3), R&B Company item 2 -partial

**

1. Nute Engineering (Mark Wilson) - said that sub contractor Gehrco Machines were old and broke down during their project at Lucky Drive
2. City of Petaluma - Kent Carothers said that they were pleased with TGI work on their project with 1,000 ft long pulls (6" and 8").
TGI handled the pipebursting using hired equipment.
3. Novato Sanitary District - Steve Krautheim said that they were pleased with Team Ghilotti's work.

**NORTH MARIN WATER DISTRICT
WATER SYSTEM IMPROVEMENTS/SPECIAL PROJECTS
PROJECT SUMMARY**

COMPLETED BY: David Jackson UPDATED BY: Carmela
 DATE: 3/13/2012 DATE: 4/2/2015
 SERVICE AREA: ☒ NOVA1 ☐ WEST MARIN ☐ OCEANA MARIN

Job No.	1706720	Job Title: Pipeline Replacement, So. Novato Blvd. (Rowland to Sunset Pkwy)																																																																																																																																														
Facility No.	Facility Type (Pipelines, Pump Stations, etc.): Pipeline																																																																																																																																															
Description: Replace existing 12-inch cast iron main with 12-PVC main (1,100 feet going south on South Novato Blvd. starting at fire hydrant #1607 near Rowland Blvd to Sunset Pkwy intersection. 400 feet south-west on Sunset- Pkwy to the zone valve was installed in FY 2013.																																																																																																																																																
Project Justification: This segment of pipeline was installed for Job # 107, to serve the Rafeal Village in the early 1950's. This pipeline is old and has experienced a number of failures. This replacement will increase system reliability.																																																																																																																																																
<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 15%;">Baseline Cost Estimate</th> <th style="width: 10%;">Initial (3/12)</th> <th style="width: 10%;">Updated (2/14)</th> <th style="width: 10%;">Updated (4 /15)</th> <th style="width: 10%;">Expended to Date</th> <th style="width: 10%;">Baseline Schedule</th> <th style="width: 10%;">Start</th> <th style="width: 10%;">Finish (Est.)</th> <th style="width: 10%;">Finish (Actual)</th> </tr> </thead> <tbody> <tr> <td>1 Project Dev.</td> <td>\$5,000</td> <td>\$5,000</td> <td>\$11,000</td> <td>\$10,540</td> <td>Project Dev.</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2 Design</td> <td>\$40,000</td> <td>\$25,000</td> <td>\$40,000</td> <td>\$38,053</td> <td>Design</td> <td>7/1/2014</td> <td>Apr-15</td> <td></td> </tr> <tr> <td>3 Permitting (included in project development)</td> <td></td> <td></td> <td></td> <td></td> <td>Permitting</td> <td></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td></td> <td></td> <td></td> <td></td> <td>Procurement</td> <td></td> <td></td> <td></td> </tr> <tr> <td>5 Construction and Material (NMWD)</td> <td>\$150,000</td> <td></td> <td>\$212,000</td> <td>\$9,887</td> <td>Construction</td> <td>6/15/2015</td> <td>Aug-15</td> <td></td> </tr> <tr> <td>6 Construction Phase 2 (contract TGI)</td> <td>\$150,000</td> <td>\$330,000</td> <td>\$122,700</td> <td></td> <td>Project Closeout</td> <td></td> <td>Oct-15</td> <td></td> </tr> <tr> <td>7 Paving and Bulk Material</td> <td></td> <td></td> <td>\$60,000</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>8</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>9</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td># Const. Admin.</td> <td>\$5,000</td> <td>\$5,000</td> <td>\$5,000</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td># Project Closeout</td> <td>\$2,000</td> <td>\$2,000</td> <td>\$2,000</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td># SubTotal</td> <td>\$352,000</td> <td>\$367,000</td> <td>\$452,700</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td># Project Contingency (5%)</td> <td>\$17,600</td> <td>\$36,700</td> <td>\$22,300</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td>\$369,600</td> <td>\$403,700</td> <td>475,000</td> <td>\$58,480</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>										Baseline Cost Estimate	Initial (3/12)	Updated (2/14)	Updated (4 /15)	Expended to Date	Baseline Schedule	Start	Finish (Est.)	Finish (Actual)	1 Project Dev.	\$5,000	\$5,000	\$11,000	\$10,540	Project Dev.				2 Design	\$40,000	\$25,000	\$40,000	\$38,053	Design	7/1/2014	Apr-15		3 Permitting (included in project development)					Permitting				4					Procurement				5 Construction and Material (NMWD)	\$150,000		\$212,000	\$9,887	Construction	6/15/2015	Aug-15		6 Construction Phase 2 (contract TGI)	\$150,000	\$330,000	\$122,700		Project Closeout		Oct-15		7 Paving and Bulk Material			\$60,000						8									9									# Const. Admin.	\$5,000	\$5,000	\$5,000						# Project Closeout	\$2,000	\$2,000	\$2,000						# SubTotal	\$352,000	\$367,000	\$452,700						# Project Contingency (5%)	\$17,600	\$36,700	\$22,300						Total	\$369,600	\$403,700	475,000	\$58,480				
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Comments: Updated with TGI bid																																																																																																																																																

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MEMORANDUM

To: Board of Directors Date: April 3, 2015

From: Drew McIntyre, Chief Engineer 

Subject: Approve FY15 Novato Recycled Water Capital Improvement Project (CIP) Budget Augmentation
R:\RECYCLED WATER\BOD Memos\Recycled Water Budget Augmentation BOD Memo 4-15.docx

RECOMMENDED ACTION: Board approve \$150,000 augmentation to the Novato Recycled Water CIP budget

FINANCIAL IMPACT: \$150,000 (included as part of the \$11M multi-year project)

During the Engineering Department Mid-Year Progress Report at the February 3, 2015 Board meeting staff reported that the Novato Recycled Water FY15 CIPs were estimated to be approximately \$100,000 over the \$125,000 budget. At that time it was again noted that staff has accelerated design work on the Recycled Water Central Service Area Expansion Project in an effort to qualify for low interest rate SRF loans from the state of California as well as any potential available grant funds. As a result, it is appropriate to move forward with a Board request to augment the FY15 Novato Recycled Water CIP budget to cover the shortfall. The total requested budget augmentation is now \$150,000 to include the topographic survey contract included in this Board packet. An updated FY15 Recycled Water Budget Summary is provided in the following table:

5. RECYCLED WATER FACILITY

Project No.	Description	Project Costs	
		Budget	Forecast
5.a	NBWRA Grant Program Administration	\$100,000	\$80,000
5.b-d	Recycled Water South	\$0	\$15,000
5.e	Recycled Water Central Service Area	\$0	\$158,500
5.f	Deer Island Wet Well Drain	\$19,000	\$19,000
5.g	Deer Island SCADA Reporting Move to STP	\$6,000	\$2,500
Novato Recycled Total		\$125,000	\$275,000

Recommendation

Board approve augmentation of the Novato Recycled Water budget for an additional \$150,000.

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MEMORANDUM

TO: Board of Directors
 FROM: Drew McIntyre, Chief Engineer 
 RE: Approve: Land Survey Contract to BKF Engineers – Recycled Water Expansion Project – Central Service Area

R:\Folders by Job No\6000 jobs\6058\BOD Memos\6058.10 BKF Survey Award BOD memo 4-3-15.doc

RECOMMENDED ACTION: Board authorize the General Manager to execute a Contract with BKF Engineers

FINANCIAL IMPACT: \$49,210 plus \$10,000 contingency (covered in previous item budget augmentation request)

BACKGROUND

At the February 3, 2015 meeting, staff advised the Board that work was being accelerated on the \$11M Central Service Area recycled water expansion project in an effort to apply for 1% low interest rate SRF loans. These loans are available for a limited time and require construction to be complete by February 2017. In addition, having a "shovel ready" project in the near term will improve the District's ability to qualify for potential Prop 1 grant funds in the near term. As part of the project's acceleration, staff identified the need for a topographic and utility survey to design the 5.8 mile pipeline (see Attachment 1 for the project area) and on February 12, 2015, solicited proposals for the survey. The RFP was sent to eight firms and four firms (BKF, Cinquini & Passarino, GHD Inc, and ILS Associates) submitted proposals by March 4, 2015 as summarized in the following table:

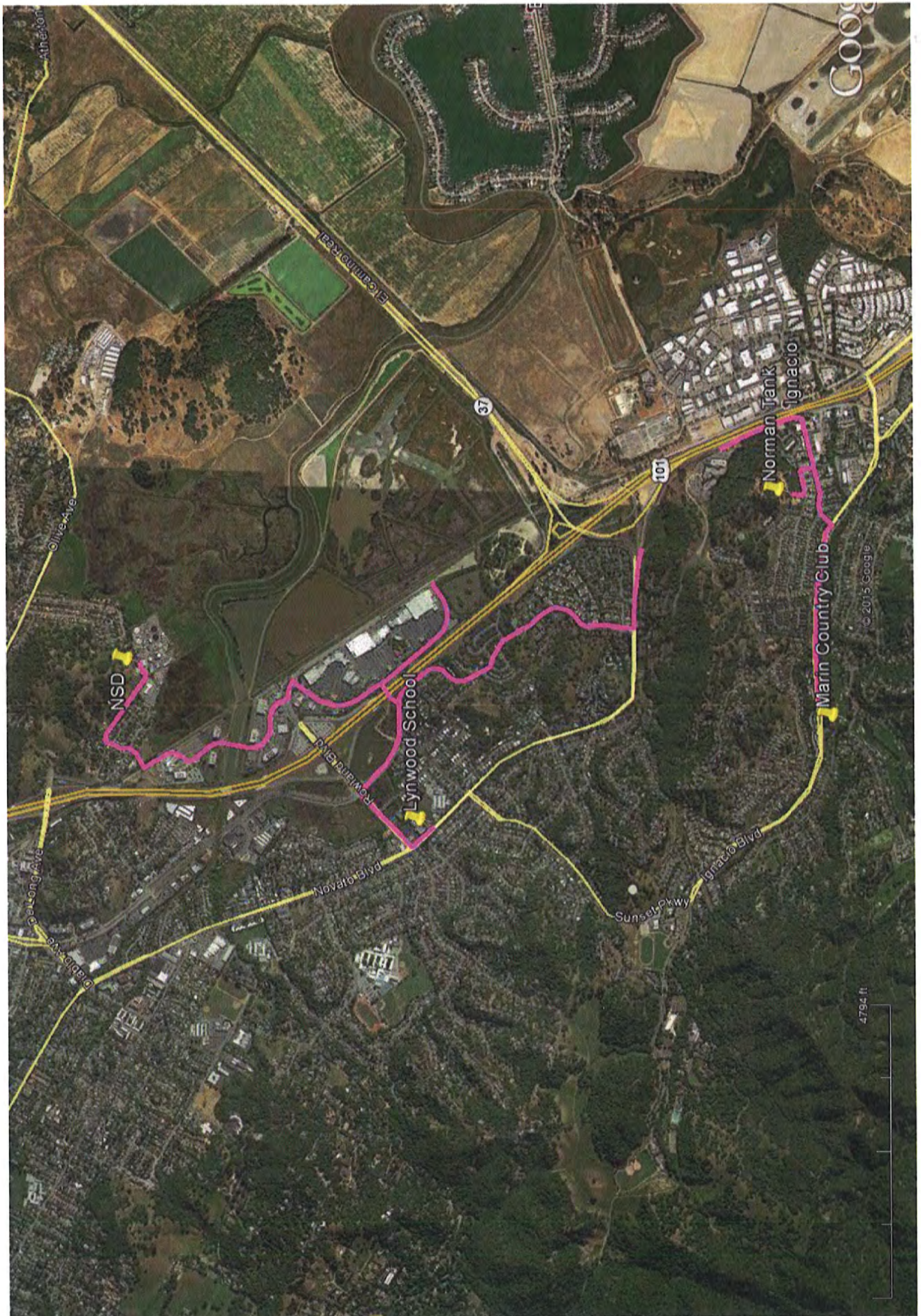
Firm	Cost
BKF Engineers, Santa Rosa	\$ 49,210.00
Cinquini & Passarino, Santa Rosa	\$ 62,804.00
GHD Inc., Santa Rosa	\$ 69,505.75
ILS Associates, Novato	\$ 119,800.00
Michael Ford Surveying, Santa Rosa	No response
Oberkamper & Associates, Novato	No response
CSW/Stuber-Stroeh, Novato	No response
Meridian Surveying, San Rafael	No response

BKF Engineers (BKF) submitted the lowest cost proposal (\$49,210). Based upon a review of the submitted proposals it is staff's recommendation to award the topographic and utility survey contract to BKF Engineers. The project schedule is as follows:

Activity	Date
Board Authorize Contract Award	March 17, 2015
Notice to Proceed	March 18, 2015
Complete Field Survey	April 22, 2015
Final Survey Report	April 30, 2015

RECOMMENDATION

Board authorize the General Manager to execute a survey contract with BKF Engineers in the amount of \$49,210 with a contingency not to exceed \$10,000.




12

MEMORANDUM

To: Board of Directors

April 3, 2015

From: Chris DeGabriele, General Manager 

Subj: Junior Accessory Dwelling Units

t:\gm\bad misc 2015\jr accessory dwelling units.docx

RECOMMENDED ACTION: Board Determine the Appropriate Connection Fee for Junior Accessory Dwelling Units**FINANCIAL IMPACT:** Yet to Be Determined

At the February 3rd meeting, the Board received a letter from Jeanne McLeamy, Mayor of the City of Novato, advising that the Novato City Council has amended the zoning code to create a new junior accessory dwelling unit classification. That letter also requested that the North Marin Water District consider waving connection fees for junior accessory dwelling units. The Mayor's letter indicates that the City has eliminated its development impact fee for junior accessory dwelling units based on the rationale that the impact fees were originally assessed at the time the home was constructed and that repurposing of an existing bedroom would not constitute an increase in development impacts on City infrastructure or services. This is not so for NMWD, as an increase in residential population will result and will equal more water use.

The letter and supporting information listed below is attached:

- 1) Comparison table of accessory dwelling units and junior accessory dwelling units;
- 2) Code section for junior accessory dwelling units.

It's noted in the attached zoning code that "A junior accessory dwelling unit provides independent living facilities for one or more persons, including permanent provisions for living, sleeping, eating and cooking." Thus there is no occupancy limitation; only a limitation on the size of the junior accessory unit to no more than 500 sq/ft.

NMWD Regulation 1 (also Attached) currently identifies a Facilities Reserve Charge (FRC) for a dwelling unit without kitchen facilities and landscape. This classification in NMWD Regulation 1 was established to accommodate group housing quarters. That FRC is \$6,100.

NMWD staff met in late February to review the request from the City and determined that a connection fee should be charged. That fee can range from:

- 1) \$6,100 plus a bi-monthly service charge for the meter as is currently charged for regular accessory dwelling units;
- 2) \$6,100 only;

3) a compromised amount based on a calculation of incremental water demand and equal to \$2,645; or

4) \$0 as requested by the City of Novato.

Staff recommends that junior accessory dwelling units be consistent with the existing Regulation 1 classification for a dwelling unit without kitchen facilities and landscape.

RECOMMENDATION:

Board authorize connection fee for junior accessory dwelling units in Novato equivalent to the Facilities Reserve Charge for a dwelling unit without kitchen facilities and landscape and equal to \$6,100.



THE CITY OF
NOVATO
CALIFORNIA

922 Machin Avenue
Novato, CA 94945
415/899-8900
FAX 415/899-8213
www.novato.org

Mayor
Jeanne MacLeamy
Mayor Pro Tem
Pat Eklund
Councilmembers
Denise Athas
Madeline Kellner
Eric Lucan

City Manager
Michael S. Frank

January 5, 2015

Board of Directors
North Marin Water District
999 Rush Creek Place
Novato, CA 94945

RECEIVED
JAN 12 2015
North Marin Water District

Dear President Rodoni and Directors:

At our meeting of December 9, 2014 the Novato City Council adopted amendments to our Zoning Code and fee schedule to create a new option for affordable housing in our community. This new concept is called Junior Accessory Dwelling Units, which provide for repurposing an existing bedroom in single-family dwellings with the addition of a limited size (wet bar type) kitchen to allow for separate occupancy or rental. We believe this will create additional options for elderly residents who may wish to create a semi-private space in the home for a live-in caregiver, or for households wishing to accommodate a family member or to create a small rental unit.

While Novato and most other cities encourage the creation of Accessory Dwelling Units, we find very few applicants who are able to provide the additional required parking space and who can afford the permit fees which average about \$31,000 when utility connections are included. By creating a new category of Junior Accessory Dwelling Units which would not allow expansion of an existing dwelling and would require the repurposing of an existing bedroom with the addition of a small kitchenette and exterior access, we believe that additional property owners will find this a more viable option. The City has eliminated our development impact fees for Junior Accessory Dwelling Units based on the rationale that the impact fees were originally assessed at the time the home was constructed, and the repurposing of an existing bedroom would not constitute an increase in development impacts on City infrastructure or services.

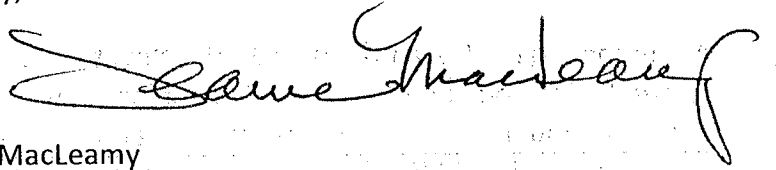
To successfully implement this housing alternative the City Council requests that our local utility districts consider their water and sewer connection fees. Connection fees exist to ensure that the cost of the infrastructure necessary to serve a new residence is covered. In the case of Junior Second Units, however, the new units make use of existing residential housing space, and do not add demand for either water or sewer services compared with the original occupancy or capacity of the single-family dwelling. No new water meter or system connection would be needed, because adequate capacity would exist in the existing structure to accommodate the new unit. In addition, the addition of a wet bar-type kitchen within a home does not typically result in increased fees from the utility districts. Consequently, we ask that your agency consider waiving connection fees for Junior Second Dwelling Units.

A comparison of the regulatory requirements of a regular Accessory Dwelling Unit and a Junior Accessory Dwelling Unit is attached. Based on feedback from other Marin jurisdictions, we believe that several other cities will adopt similar provisions to encourage the creation of a new, low impact option for affordable housing in

our communities. If your staff have questions about our new regulations and fee reductions, please have them contact Community Development Director Bob Brown at 415-899-8938.

Thank you for your consideration.

Sincerely,

A handwritten signature in black ink, appearing to read "Jeanne MacLeamy". The signature is fluid and cursive, with a large, sweeping initial "J" and a long, trailing flourish at the end.

Jeanne MacLeamy
Mayor

cc: Chris De Gabriele

	Accessory Dwelling Unit	Junior Accessory Unit
Size	150-750 sq. ft.; up to 1,000 sq. ft. on lots over 10,000 sq. ft.	150 -500 sq. ft. – conversion of existing bedroom required, no building expansion.
Kitchen	Kitchen components not limited.	Wet-bar type kitchen only. Limits on sink and counter sizes; limit on size of drain line; no gas service and limit on electrical service (110v)
Bathroom	Required as part of the unit	Separate bathroom for unit not required – shared bathroom OK
Access	Interior access not required	External and internal access required
Parking	One additional space required	Not required if existing dwelling meets original parking standards when built
Owner Occupancy	Owner occupancy required	Owner occupancy required
Approval Process	Zoning Administrator ministerial approval unless project deviates from standards (e.g., upper story addition, exceeds size limit, etc.); Notification to adjacent property owners.	Zoning Administrator ministerial approval unless project deviates from standards; Notification to adjacent property owners.
Deed Restriction	Recordation of a deed restriction requiring owner occupancy	Recordation of a deed restriction requiring owner occupancy

Junior Accessory Dwelling Units in Zoning Section of Novato Municipal Code

19.34.031 Added

19.60.020 Amended to add Junior Accessory Dwelling Units

19.34.031 Junior Accessory Dwelling Units.

This Section provides standards for the establishment of junior accessory dwelling units, an alternative to the standard accessory dwelling unit, permitted as set forth in Section 19.34.030, and are allowed in accordance with Article 2 (Zoning Districts, Allowable Land Uses, and Zone-Specific Standards).

A. *Development Standards.* Junior accessory dwelling units shall comply with the following standards, including the standards in Table 3-13:

1. *Number of Units Allowed.* Only one accessory dwelling unit or, junior accessory dwelling unit, may be located on any residentially zoned lot that permits a single-family dwelling except as otherwise regulated or restricted by an adopted Master Plan or Precise Development Plan. A junior accessory dwelling unit may only be located on a lot which already contains one legal single-family dwelling.
2. *Owner Occupancy:* The owner of a parcel proposed for a junior accessory dwelling unit shall occupy as a principal residence either the primary dwelling or the accessory dwelling.
3. *Sale Prohibited:* A junior accessory dwelling unit shall not be sold independently of the primary dwelling on the parcel.
4. *Deed Restriction:* A deed restriction shall be completed and recorded, in compliance with Section D below.
5. *Location of Junior Accessory Dwelling Unit:* A junior accessory dwelling unit must be created within the existing walls of an existing primary dwelling, and must include conversion of an existing bedroom.
6. *Separate Entry Required:* A separate exterior entry shall be provided to serve a junior accessory dwelling unit.
7. *Kitchen Requirements:* The junior accessory dwelling unit shall include an efficiency kitchen, requiring and limited to the following components:
 - a. A sink with maximum width and length dimensions of sixteen (16) inches and with a maximum waste line diameter of one-and-a-half (1.5) inches,
 - b. A cooking facility or appliance which does not require electrical service greater than one-hundred-and-twenty (120) volts or natural or propane gas, and
 - c. A food preparation counter and storage cabinets which do not exceed six (6) feet in length.
8. *Parking:* No additional parking is required beyond that required at the existing primary dwelling was constructed.

Table 3-13
Development Standards for Junior Accessory Dwelling Units

Site or Design Feature	Site and Design Standards
Maximum unit size	500 square feet
Minimum unit size	150 square feet
Setbacks	As required for the primary dwelling unit by Article 2
Parking	No additional parking required

B. Application Processing.

1. The Zoning Administrator shall issue a junior accessory dwelling unit permit if the application provides the information required per the Submittal Requirements (Section C below) and conforms to the Development Standards (Section A above).
2. The City shall provide notice in compliance with Division 19.58 – Public Hearings.

C. Submittal Requirements. Application for a junior accessory dwelling unit shall include a completed application for a junior accessory dwelling unit permit and the following information as deemed appropriate by the Zoning Administrator:

1. *Plot Plan (Drawn to Scale):* Dimension the perimeter of parcel on which the junior accessory dwelling will be located. Indicate the location and use of all existing and proposed structures on the project site.
2. *Floor Plans:* A dimensioned plan drawn to scale of the existing primary dwelling identifying the use of each room and identifying the room(s) to be dedicated to the junior accessory dwelling unit, including an exterior entrance. The resulting floor area calculation of the proposed junior accessory dwelling unit shall be included, which shall include the area of any dedicated bathroom, if any, for the exclusive use of the junior accessory dwelling unit.
3. *Kitchen Plan:* A dimensioned plan drawn to scale indicating proposed kitchen improvements, including a kitchen sink, cooking appliance(s) food preparation counter and food storage cabinets.

D. Deed Restriction. Prior to obtaining a building permit for a junior accessory dwelling unit, a deed restriction, approved by the City Attorney, shall be recorded with the County Recorder's office, which shall include the pertinent restrictions and limitations of a junior accessory dwelling unit identified in this Section. Said deed restriction shall run with the land, and shall be binding upon any future owners, heirs, or assigns. A copy of the recorded deed restriction shall be filed with the Department stating that:

1. The junior accessory dwelling unit shall not be sold separately from the primary dwelling unit;
2. The junior accessory dwelling unit is restricted to the maximum size allowed per the development standards in Section 19.34.031;

3. The junior accessory dwelling unit shall be considered legal only so long as either the primary residence, or the accessory dwelling unit, is occupied by the owner of record of the property;
4. The restrictions shall be binding upon any successor in ownership of the property and lack of compliance with any provisions of Section 19.34.030, may result in legal action against the property owner, including revocation of any right to maintain a junior accessory dwelling unit on the property.

19.60.020 Definitions of Specialized Terms and Phrases.

Accessory Dwelling Units. A second permanent dwelling that is accessory to a legal primary dwelling on the same site. An accessory dwelling unit provides complete independent living facilities for one or more persons, including permanent provisions for living, sleeping, eating, cooking, sanitation, and parking. An accessory dwelling unit also includes manufactured homes.

Junior Accessory Dwelling Unit. A type of accessory dwelling unit that is accessory to and included within a legal primary dwelling on the same site. A junior accessory dwelling unit provides independent living facilities for one or more persons, including permanent provisions for living, sleeping, eating, and cooking. Cooking and food preparation facilities shall be limited to an efficiency kitchen as provided for in Section 19.34.031. Sanitation facilities may be independently provided for the junior accessory dwelling unit or may be shared with occupants of the primary dwelling provided interior access is available.

NORTH MARIN WATER DISTRICT
REGULATION 1
NEW SERVICE CONNECTIONS

a. Application for Service and Processing

Application for service must be made to the District in writing on the District's form by the property owner or his/her authorized agent. Applications must be supported by data as required by the District, such as a map and/or legal description of the property to be served, a description or plan showing intended water fixtures, a plan showing lawn and garden areas and an estimate of amount of water to be used. The size of the meter and service connection will be determined by the District.

Applications requiring a single service having a meter size equal to or less than one and one-half inch will be processed in the order of the date the application is received provided all requirements of the District are met. All other applications will be processed in the order of the date the application is received provided the Applicant meets all District requirements within 30 days of said date. If District requirements are not met within said 30 days, the application shall be null and void and must be resubmitted to the District except that:

the General Manager may extend the 30-day period if failure to comply with District requirements is due to workload limits of the District.

Receiving an application shall in no way represent a commitment or agreement by the District to serve water. Said commitment will be made only at the time service actually commences or when the District executes a service extension agreement whichever shall first occur. In the case of a service extension agreement, the commitment of the District to supply water shall be limited to the number of connections to be installed pursuant thereto and in accordance with the terms thereof. Additional requirements for recycled water service are included in Regulation 18.

b. Conditions Precedent to Service

Water service will be provided subject to:

- (1) The existence of a main of adequate capacity and pressure abutting the property to be served, or the construction of adequate mains, pumps and storage facilities under the provisions of Part B of these Regulations;
- (2) The advance payment of the District's initial charge for service as provided in Regulation 1 c.; and
- (3) Compliance with the other applicable provisions of these regulations.

c. Initial Charges for Service

Prior to commencement of service the Applicant shall pay an initial charge for service which shall be the total of the meter charge, the service line charge, the reimbursement fund charge and the facilities reserve charge computed as set forth below. "Est." means the actual cost of the service line as estimated by the District; "d.u." means dwelling unit. The Reimbursement Fund Charge shall not apply to recycled water service. Applications for a single service connection having a meter size equal to or less than one and one-half-inch shall pay a meter charge and a service line charge as set forth below. Applications requiring more than one meter or requiring a meter size greater than one and one-half-inch shall pay a meter charge and a service line charge based on the actual cost of said meter and service line installation(s) incurred by the District.

The Facilities Reserve Charge shall depend on the type of use as shown herein. The charge shall be based on the District's estimate of the quantity of water that will be used on the average day of the maximum month expressed in "equivalent single family dwelling units" of 636 gallons each for Novato and 295 gallons each for West Marin. The District shall determine Facilities Reserve Charges for those consumers served prior to May 1, 1973 by its estimate of gallons per day of water use on the average day of the maximum month divided by 636 for Novato, or 295 for West Marin, over the first ten years of service or less as applicable. If at any time a consumer's use exceeds the estimate used in fixing the charge the District may require the consumer to pay an additional Facilities Reserve Charge at the rate then in effect for each equivalent single family d.u. of such excess.

(1) Novato Service Area

Meter Size Inches	Meter Charge (1)	Service Line Charge (2)	Reimbursement Fund Charge (3)
5/8	\$60	\$3,500	\$ 420
1	120	3,500	1,055
1-1/2	300	3,500	1,540
2	Est.	Est.	3,140
3	Est.	Est.	4,680
4	Est.	Est.	7,310
6	Est.	Est.	14,360
8	Est.	Est.	31,250
10	Est.	Est.	41,610

Effective

12/03/13

Facilities
Reserve
Charge

Single family detached residences and duplexes (each d.u)	\$28,600
Townhouses and condominiums (3 units or more) (each d.u)	17,200
Mobile home (each d.u.)	10,000
Apartment houses - 5 units or more, (each d.u.)	11,200
Second (accessory) d.u. on a parcel in undivided ownership	10,000
d.u. with kitchen or kitchenette whose occupants receive regular meals from central kitchen/dining facility on site	7,600
d.u. without kitchen facilities and landscape	6,100
Non-residential uses and master metered residential uses with a history of water consumption: the District shall determine equivalent single family d.u.'s by its estimate of gallons per day of potential water use on the average day of the maximum month divided by 636 (each equivalent single family d.u.)	28,600

Also see Regulation 29.

(2) West Marin Service Area – Effective January 1, 2009

Meter Size (Inches)	Meter Charge (1)	Service Line Charge (2)	Reimbursement Fund Charge (3)
5/8	\$60	\$3,500	\$1,950
1	120	3,500	4,950
1-1/2	300	3,500	7,200
2	Est.	Est.	14,700
3	Est.	Est.	21,900
4	Est.	Est.	34,200
			Effective 12/03/13 Facilities Reserve Charge
Single family detached residences and duplexes (each d.u)			\$22,800
Townhouses and condominiums (3 units or more) (each d.u)			13,700
Mobile home (each d.u.)			8,000
Apartment houses - 5 units or more, (each d.u.)			8,900
Second (accessory) d.u. on a parcel in undivided ownership			8,000
d.u. with kitchen or kitchenette whose occupants receive regular meals from central kitchen/dining facility on site.....			6,100
d.u. without kitchen facilities and landscape.....			4,900
Non-residential uses and master metered residential uses with a history of water consumption: the District shall determine equivalent single family d.u.'s by its estimate of gallons per day of potential water use on the average day of the maximum month divided by 295 (each equivalent single family d.u.)			22,800

Also see Regulation 29.

(3) Charge for Annexation - All Service Areas

In addition to the other charges specified, no property shall be annexed to an improvement district unless an annexation fee is paid. The annexation fee shall be equal to the total revenue from tax on land (not improvements) that the District would have received had the property to be annexed been within the improvement district from the date of its formation, plus an amount equal to the interest revenue the District would have received on said tax revenue.

(4) Single Service Connection Requests - Deposit Requirement for Water-Saving Devices and Restrictions

A \$500 deposit must be paid to the District before a single water service connection is provided to assure compliance with all Water-Saving Devices and Restrictions for New Development pursuant to Regulation 15.e and 17.e. Upon inspection that requirements for all Water-Saving Devices and Restrictions have been met, the \$500 deposit will be refunded to the applicant.

(5) Initial charges for Affordable Housing

Payment of Initial Charges for water service to Applicant projects that include housing units affordable to lower income households, as defined in Government code Section 65589.7(d)(1), may be deferred for affordable units only until such time as a certificate of occupancy is issued by the city or county and meters thereto are authorized to be set or a period of two years from the date of the Applicant's Water Service Agreement, whichever duration is less. Said deferred payment shall include interest calculated at the rate earned on the District investment portfolio over the deferral period as determined solely by the District.

d. (This section left intentionally blank)

e. Location of Service Connection

Service will be provided at a meter abutting a major frontage of the consumer's property at a point determined by the District. The consumer may indicate the point on his property where he desires the service.

f. Facilities Reserve Charge for Public Parks - All Service Areas

The Facilities Reserve Charge for public parks shall be the amount charged for a 5/8-inch meter serving a single dwelling unit irrespective of the actual size of the meter provided each and all of the following conditions are met:

- (1) The public park is owned by a public agency and is open and accessible to the public for active recreational uses. For the purposes of this regulation landscaped areas along roadways and surrounding public buildings and landscaped areas in privately owned recreational areas or in areas where use is limited to a select group, such as a homeowners association are not public parks. Golf courses, whether privately or publicly owned or any other enterprise which charges a use fee, are not public parks.
- (2) The public agency owning the park enters into a service agreement with the District providing:
 - (a) Water shall be used only during such off-peak hours as shall be therein specified by the District with the exception that water can be used during peak periods for special limited and unusual circumstances such as system testing, germination of newly seeded turf, major turf renovation projects, irrigation following fertilization or herbicide applications, irrigation required prior to aeration and minor hand irrigation required for plant establishment, and
 - (b) Water use shall be discontinued or reduced as directed by the District at any time it determines that a threatened water shortage exists and so notifies the consumer.
 - (c) Water applied to turf areas shall be applied through a well-designed irrigation system that contains the following features as demonstrated by design drawings and specifications:
 - (i) Use of sprinkler heads, sprinkler head components and/or control schedules which achieve precipitation rates which match the water absorption capacity of the sod/soil column.
 - (ii) Sprinkler head spacing that is not greater than 50% of the diameter of the precipitation pattern thrown by the sprinkler head (i.e., head-to-head

spacing) at the minimum delivery pressure available at the site based on field measurements or pressure data supplied by the District. This 50% diameter spacing requirement can be varied provided the requirements of Section 1(f)(2)(c)(ix) are met.

- (iii) Sizing and layout of pipe laterals and selection and grouping of sprinkler heads and nozzles in a manner which assures that the pressure requirement of each sprinkler head is achieved.
 - (iv) Separation of valves such that valves serving turf sprinklers do not include sprinklers irrigating non-turf landscape which has a different water requirement.
 - (v) A valve in every head may be required by the District to control drain down and optimize distribution control.
 - (vi) Control of all turf valves by an automatic controller capable of programming each valve for the following variables:
 - (1) Irrigation days,
 - (2) Minimum of three independently scheduled start times per irrigation day
 - (3) Minutes of run time per start time cycle.
 - (vii) Controller shall contain a water budgeting feature which permits the same incremental percentage change in all run times (up or down) by changing the water budget setting, thus permitting easy irrigation scheduling as a function of changes in evapotranspiration demand.
 - (viii) Controller shall accommodate a rain shut-off feature which automatically shuts down irrigation when it is raining.
 - (ix) The irrigation distribution system shall be designed to achieve a lower quartile distribution uniformity of at least 80%. This distribution uniformity shall be verified after installation by field precipitation tests performed by a competent expert selected by the District and paid for by the applicant public agency. In the event said uniformity is not achieved, the applicant public agency shall make changes to the system until subsequent tests by said expert, and also paid for by the applicant agency, demonstrate achievement of said distribution uniformity. The lower-quartile uniformity coefficient, an approximation of overall irrigation system uniformity, shall be determined by sampling the precipitation pattern or "footprint" of the irrigation system with catch cans. The coefficient is determined by arraying the resulting data expressed as inches per catch can (or volume of water in can if cans are of uniform size) in descending order of magnitude, determining the mean of the lower one fourth of the catch-can data, and dividing it by the mean value for all of the cans.
- (d) In designing the irrigation system, the applicant agency shall conduct field tests to determine typical infiltration rates for the sub-turf soil. Design precipitation rates shall, as near as practicable, be matched to or not exceed said infiltration rates

- (e) Consumer or consumer's operator of the turf irrigation system shall apply water pursuant to an irrigation schedule developed for the site and based on applied water advice made available by the District or said turf irrigation system shall be controlled by moisture sensing devices which are operated to achieve efficient irrigation.
- (f) In the case of recycled water service, exceptions to this section may be made or additional requirements imposed as determined by the District to assure optimum soil moisture conditions are maintained and slime growth in the private distribution system is minimized.

g. Land Use Approval Established

An application for service to unimproved land shall not be processed to completion by the District unless the Applicant presents to the District a document from the city or county entity having jurisdiction verifying that a:

- (1) Valid Building Permit has been issued; or
- (2) Preliminary Division of Land has been approved; or
- (3) Tentative Subdivision Map has been approved; or
- (4) Planned Unit Development Precise Development Plan has been approved; or
- (5) Conditional Use Permit has been approved.

The word unimproved as used herein means land on which no improvements exist or land which although improved to a degree is being further improved and said further improvement is the cause for augmented water service and requires one or more of the above listed land use approvals.

h. Wastewater Disposal Established

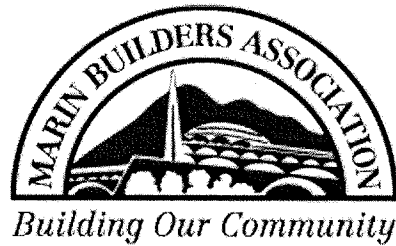
Water service will not be furnished to any building unless it is connected to a public sewer system or to a wastewater disposal system approved by all governmental entities having regulatory jurisdiction. This subsection shall not apply to service during construction or service provided under Regulation 5.

i. Initial Charges for Service to Residential Connections With Fire Fighting Equipment

Where a meter larger than is otherwise necessary for consumption needs is installed solely to provide capacity for private fire sprinklers, fire hydrants or other fire fighting equipment in residential connections, the Reimbursement Fund Charge shown in Column (3) of subsections c.(1) and c.(2) that shall apply shall be the corresponding charge for the next smaller size meter.

j. Landscape Plans

If the city or county requires an approvable landscape plan as part of its land use approval process said plan must be submitted to the District before an application shall be processed to completion.



April 2, 2015

Board of Directors
North Marin Water District
999 Rush Creek Place
Novato, CA 94945

Dear NMWD Board of Directors:

For more than 50 years the Marin Builders Association has served the construction industry by promoting high ethical and professional standards and providing quality services to our members. We work responsibly with the community for the enhancement of the building industry and our environment.

Our responsibility to our community and our environment guides us to voice our strong support of the creation of junior accessory dwelling units (JADUs). The MBA believes they are essential to addressing the need for workforce housing options in Marin. As experts in the construction industry we believe requiring connection fees will stand in the way of creating safe, legal junior units.

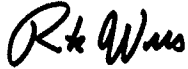
North Marin has hundreds of single family homes occupied by only one or two people, leaving the majority of bedrooms empty or underutilized. Our community has a tremendous opportunity to provide useful housing by repurposing spare bedrooms in homes. Junior accessory dwelling units do not represent an additional demand for water outside of the original permitted occupancy of the home. Occupancy of JADUs is limited based on the small size of the unit and on the owner's lease agreement. These units are flexible and remain part of the home through a connecting door. Therefore, they do not redefine single family homes and no additional meter or connection is necessary.

The proposed NMWD connection fee of \$6,100 for a single JADU is unreasonable and burdensome given the unique characteristics of junior accessory dwelling units. In fact, it is possible that people will not

even attempt to properly proceed through the permitting process if they are forced into paying excessive fees.

We stand ready to partner with you and other interested parties to bring about thoughtful solutions that support and maintain a vibrant business community while protecting our environment. Thank you, and if you should have any questions please contact our office at 415-462-1220.

Sincerely,

A handwritten signature in black ink, appearing to read "Rick Wells". The signature is stylized with a large, cursive "R" and "W".

Rick Wells
Chief Executive Officer

13

MEMORANDUM

To: Board of Directors

April 3, 2015

From: Robert Clark Operations / Maintenance Superintendent *RC*

Subj: Marin/Sonoma Mosquito & Vector Control District Assessment

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RECOMMENDED ACTION: Approve the proposed additional assessments for Marin/Sonoma Mosquito & Vector Control District.

FINANCIAL IMPACT: \$500 annual fee

The Marin/Sonoma Mosquito & Vector Control District (M/SM&VCD) is in the process of evaluating the need to increase the assessment property owners pay for their services. Currently the average annual fee of \$12.86 is included as a line item in annual property tax assessments. The Districts 76 parcels throughout our service areas in Novato, West Marin and Oceana Marin are tax exempt and we do not currently pay any fees. The District has 14 parcels that have received some level of support from the M/SM&VCD (see spread sheet Attachment 1). If the proposed assessment is passed the District may be required to pay as much as \$495.58 in annual fees. I have also attached a copy of the notice for your review.

District facilities where the M/SM&VCD have performed abatement activities include the Oceana Marin ponds, Deer Island Recycled Water Facility contact chamber, various tank drain basins, the Point Reyes house septic system, and at the Indian Valley Golf Course. Our staff has requested that the M/SM&VCD exempt the Stafford Lake Watershed parcels from this assessment and not apply pesticide abatement on the watershed. However, because of the past benefits at the IVGC, two animal watering troughs, and expected future activities in these areas, the M/SM&VCD is not willing to exempt these watershed parcels.

The expected fees associated with the parcel where the IVGC is located will be \$397.65. The other three watershed locations are assessed a total of \$7.59. It is staffs expectation that these fees will be passed along to the IVGC and other leasees in future lease agreements. Also, Staff has developed a proposed abatement plan for the M/SM&VCD to follow on the Stafford Lake Watershed that will be applied to all parcels on the watershed-not just the district owned parcels.

Recommendation: Authorize the General Manager to vote and approve the proposed additional annual assessments for improved mosquito, vector and disease control services.

APN	Facility Name	S Street Address	Situs Zip4	S City State Zip	M/SMVDC\
100-040-32					\$0.00
100-100-55	Oceana Marin Irrigation field				\$0.24
100-100-56	Oceana Marin Ponds				\$0.24
100-261-47					\$0.00
100-271-33					\$0.00
114-100-30		320 DRAKES VIEW DR	8077	INVERNESS CA 94937-8077	\$0.00
114-100-60		352 DRAKES VIEW DR	8077	INVERNESS CA 94937-8077	\$0.00
114-100-89					\$0.00
114-100-91					\$0.00
114-111-19					\$0.00
114-111-41					\$0.00
114-120-09					\$0.00
114-150-54					\$0.00
114-294-33					\$0.00
114-300-02					\$0.00
114-300-03					\$0.00
114-300-05					\$0.00
114-300-42					\$0.00
119-050-12					\$0.00
119-184-14					\$0.00
119-240-33					\$0.00
119-240-61	Pt. Reyes Treatment Plant	300 COMMODORE WEBSTER DR		POINT REYES CA 94956	\$0.00
119-270-04	District House	25 GIACOMINI RD		POINT REYES CA 94956	\$12.05
121-110-34	Part of Stafford Lake Watershed				\$6.63
124-020-07	San Mateo Tank				\$0.13
125-090-07	Part of Stafford Lake Watershed	3035 NOVATO BLVD	1002	NOVATO CA 94947-1002	\$397.65
125-090-08					\$0.00
125-090-25	Part of Stafford Lake Watershed				\$0.84
125-100-13	Part of Stafford Lake Watershed				\$0.12
125-130-40		101 SAN ANTONIO RD		PETALUMA CA 94952	\$0.00
125-180-55					\$0.00
125-411-25					\$0.00
125-580-03	Buck Tank				\$0.00

160-030-14				\$0.00
160-103-08				\$0.00
160-150-12	Norman Tank	18 ROWE RANCH WAY	7250 NOVATO CA 94949-7250	\$0.00
160-150-46				\$0.00
160-480-09	Ponti Tank			\$0.00
160-480-10	Pacheco Tank			\$0.00
166-020-38	Bear Valley Tanks			\$0.00
166-220-10	Olema Pump Station			\$0.00
106-314-10	Wingedfoot Pump Station	WINGED FOOT DRIVE		\$0.00
Total with Stafford WS				\$495.58
Stafford WS				\$405.24
Total with out Stafford WS				\$90.34



Official Notice and Ballot Information Guide

Mosquito, Vector and Disease Control Assessment (Assessment No. 3)

by the Marin/Sonoma Mosquito and Vector Control District

Public Hearing:
April 15, 2015, at 7:00 p.m.
595 Helman Ln.
Cotati, CA

Mosquito Facts

Disease Transmission: Mosquitoes infected with a disease can spread that disease to humans or animals when they bite and suck blood.

Why Do Mosquito Bites Itch? When a mosquito bites, it injects chemicals to prevent the blood from clotting. These chemicals cause irritation that makes you itch.

Do All Mosquitoes Suck Blood? Only the female mosquitoes feed on blood; male mosquitoes feed on plant nectar and juices.

Mosquito Sources: Mosquitoes lay eggs in stagnant, standing water. These eggs turn into larvae that live in the water until they hatch into adult mosquitoes. By eliminating standing water, we can eliminate the sources of mosquitoes.

Mosquito Breeding Potential: A small household bucket filled with stagnant water can produce thousands of mosquitoes per day and affect residents in the surrounding area.

Lifespan: About 14 days for females; 7 days for males.

Eggs: One female can lay over 600 eggs in her lifetime.

Wing Speed: Moves more than 1,000 times a second; that is the buzzing sound we hear.

How Are Diseases Prevented by Mosquito Control Services?

First, by reducing mosquito populations, the transmission of the diseases they can carry is minimized. Second, through the continuous and regular testing of mosquitoes for the presence of disease, emerging disease threats can be discovered and the proper steps can be taken to protect public health. This assessment would ensure that the District has adequate funding to provide these services and to respond to requests by homeowners within the District that are experiencing mosquito problems.

Treating for mosquito breeding in a storm drain.



Mosquito Surveillance and Disease Testing

The District currently has 19 mosquito/vector control technicians/specialists with experience ranging from 3 to 23 years of service. Each technician is certified and maintains certification through the California Department of Public Health. The District provides mosquito control, surveillance and testing through a multi-faceted Integrated Vector Management program including:

- Sampling of adult and larval mosquito populations within District's boundaries. Specimens are counted and identified, and adult samples are tested for disease as appropriate.
- Surveillance and inspection of water sources for mosquito eggs, larval, and pupal populations.
- Maintaining surveillance programs for West Nile virus and other mosquito-borne pathogens, ticks, Lyme disease and other tick-borne diseases.
- Working closely with municipalities, local, state and federal agencies, and local public health and environmental health departments.

How Much Is the Proposed Assessment?

The proposed assessment for your property for fiscal year 2015-16 is printed on the Official Assessment Ballot included with this notice and information item. For single family homes on one acre or less, the proposed annual assessment is \$12.86, while other residential property types are assessed according to the number of dwelling units and parcel size. Commercial, industrial and agricultural properties are assessed according to their parcel size and property type. The total amount that would be raised by the proposed assessments for fiscal year 2015-16 is approximately \$3,592,000.

How Was the Assessment Determined?

The total cost of the improved mosquito, vector and disease control services that will be funded by the assessments is allocated to each property based on the estimated special benefit received. The method of benefit determination is based on the type of property, the location of property, the number of dwelling units, and its size. The types of special benefit include: reduced mosquito and vector populations on property and enhanced desirability, utility, usability and functionality of property; increased safety of property; reductions in the risk of new diseases and infections; protection of economic activity; protection of agriculture, tourism, and business industries; reduced risk of nuisance and liability; and improved marketability of property. An Engineer's Report describing the proposed services, method of assessment, budget, and proposed assessments for each parcel is available for review at the Marin/Sonoma Mosquito and Vector Control District, located at 595 Helman Lane, Cotati, California.

What This Measure Will Provide

This proposed Mosquito, Vector and Disease Control Assessment is in addition to other assessments you may currently pay. This mailed assessment ballot allows property owners in Marin and Sonoma Counties to decide if comprehensive, mosquito, rat, and other vector surveillance and control, and vector-borne disease testing and prevention services, should continue to be provided by the District.



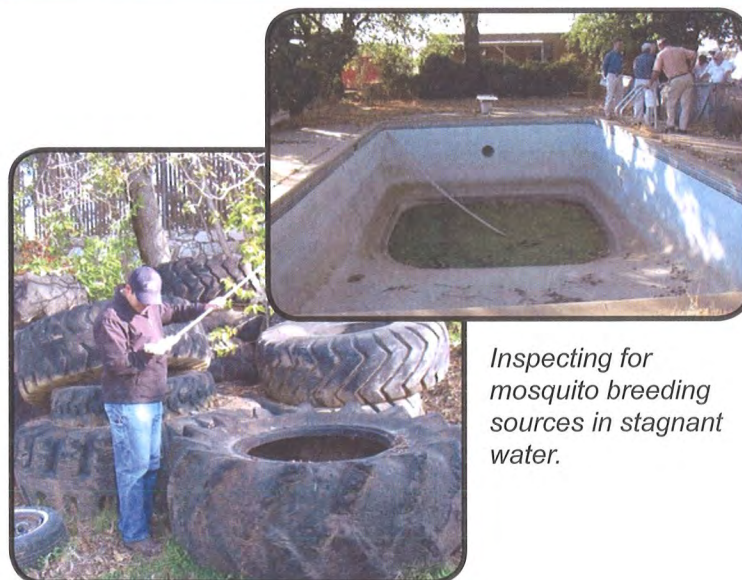
The District provides free rodent inspections to residents of Marin and Sonoma counties.

Will This Assessment Increase in the Future?

If approved, the assessment may be continued in future years. In future years after 2015-16, the assessment can only be adjusted for inflation by an amount equal to the change in the Consumer Price Index (U.S. Dept. of Labor - All Urban Consumers - San Francisco-Oakland-San Jose area), not to exceed 5% per year. Any change in the CPI in excess of 5% shall be cumulatively reserved as the "Unused CPI" and shall be used to increase the maximum authorized assessment rate in years in which the CPI is less than 5%. This annual adjustment, which must be reviewed and approved annually at a public meeting, will help keep the assessment revenues in line with the cost of providing mosquito, vector and disease control services in the future.



The Mosquito District provides educational outreach to raise awareness of mosquitoes and mosquito-borne diseases.



Inspecting for mosquito breeding sources in stagnant water.

Public Hearing: April 15, 2015, 7:00 p.m., 595 Helman Ln., Cotati

All Ballots Must Be Received on or Before April 15, 2015 to Be Counted

Please Complete Your Ballot and Mail It Back Promptly

What Are the Public Accountability Safeguards?

This assessment ballot measure will include several layers of fiscal safeguards to ensure that all funds are expended appropriately. First, these funds can only be spent on mosquito, vector and disease control services within the District. Second, the funds will be overseen by the District's Board of Trustees with annual audits to ensure all funds are expended appropriately. And third, the budget for the services proposed each year will be presented annually to the public at a noticed public hearing as required by law.

Method of Voting

To complete the enclosed official assessment ballot, mark the oval next to either Yes or No, sign the ballot, place it in the provided postage-paid return envelope, and mail or hand deliver it. Only official assessment ballots which are signed and marked with the property owner's support or opposition, and are received before the end of the public input portion of the public hearing on Wednesday, April 15, 2015, will be counted. See the enclosed assessment ballot for additional instructions. Assessment ballots are weighted by the proposed amount of assessment and will be tabulated accordingly. The assessment shall not be imposed if, upon the conclusion of the public hearing, assessment ballots submitted in opposition to the assessment exceed the assessment ballots submitted in favor of the assessment, with ballots weighted according to the proportional financial obligation of the affected property.



The District traps mosquitoes and other vectors, and tests them for West Nile virus and other diseases.

Additional Information

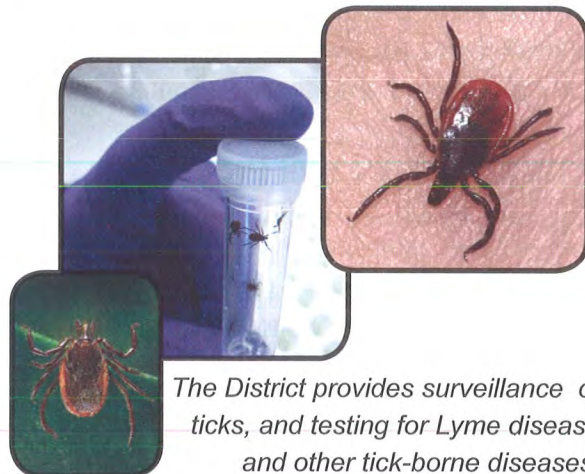
If you have questions about the District, the proposed services and assessment, the assessment ballot proceeding, lose your assessment ballot, require a replacement assessment ballot, need a proportional assessment ballot, or want to change your vote, call the District at (707) 285-2200. For additional information about the District visit our website at www.ms mosquito.com.

The District responds to service requests concerning mosquitoes, yellowjackets, and rodents.



Will This Affect the Environment?

The District's Integrated Pest Management approach to mosquito abatement and disease control services involves the use of environmentally sound methods to eliminate sources of mosquitoes, and other disease carrying insects, with biological control methods whenever possible. This approach starts with identifying and eliminating breeding grounds in standing or stagnant water such as those found in abandoned fountains, old tires, and leaks from faulty plumbing or drainage. For sources in ponds and neglected swimming pools, the District uses mosquitofish and other natural resources to target and eliminate mosquito larvae.



The District provides surveillance of ticks, and testing for Lyme disease and other tick-borne diseases.



Official Notice and Ballot Information Guide Mosquito, Vector and Disease Control Assessment (Assessment No. 3)

by the Marin/Sonoma Mosquito and Vector Control District

Public Hearing:
April 15, 2015
at 7:00 p.m.
595 Helman Ln.
Cotati, CA

Why Did You Receive This Assessment Ballot?

The Marin/Sonoma Mosquito and Vector Control District is an independently-funded public agency, separate from any City or the Counties, that was established in 1915. The purpose of the District is to prevent the diseases transmitted by mosquitoes and other vectors, and to reduce their populations through monitoring, treatment, and preventative measures throughout the District. (A "vector" is any organism or animal capable of transmitting disease to humans and to domestic animals.)

The Marin/Sonoma Mosquito and Vector Control District serves approximately 736,000 residents in a nearly 2,300 square mile service area that covers both Marin and Sonoma Counties.



The District would protect residents from new emerging vectors, such as the Asian Tiger Mosquito, which transmit diseases to people.

Public Hearing

A public hearing will be held on Wednesday, April 15, 2015 at 7:00 p.m. before the Marin/Sonoma Mosquito and Vector Control District Board of Trustees at the District's offices, located at 595 Helman Lane, Cotati, California. You are invited to attend the public hearing. Tabulation of the returned ballots will commence after the close of the public input portion of the hearing, and the results of the tabulation will be announced at the continuation of the public hearing scheduled for 7:00 p.m. on May 13, 2015 at the District's offices, located at the same address above.

Summary of Proposed Services for Your Area:

- Continue and improve the control of mosquitoes and the diseases they carry.
- Provide year round testing and early detection of existing and emerging diseases, such as West Nile virus, Chikungunya, Dengue and Yellow Fevers, canine Heartworm, Lyme disease, Encephalitis, Hantavirus, or plague.
- Comprehensive response to any disease outbreaks from mosquitoes, rodents, ticks and fleas.
- Provide mosquito larvae-eating fish to property owners for backyard ponds and water features.
- Control mosquitoes and other disease carrying vectors using environmentally compatible approaches that focus on eliminating the breeding sources and locations.

For more information please visit our website at www.ms mosquito.com


The assessment ballot included with this notice allows owners of property in Marin and Sonoma Counties to decide on a proposed benefit assessment that would provide supplemental funding for improved, comprehensive, year-round mosquito, vector and disease control services. Increased threats from new species of mosquitoes like the Asian Tiger Mosquito, and emerging diseases such as Dengue and Yellow Fevers, and Chikungunya, require increasing levels of protection from the District. If the assessment is approved by the property owners, the District would continue and enhance control of mosquitoes and consult on other vectors, providing vector identification, and rapid, cost-effective testing for existing and emerging vectors and diseases in Marin and Sonoma Counties. However, if this proposed assessment is not approved, the District may have to reduce both current and future service levels.

All Ballots Must Be Received on or Before April 15, 2015 to Be Counted

Please Complete Your Ballot and Mail It Back Promptly
All Ballots Must Be Received on or Before April 15, 2015 to Be Counted

14

MEMORANDUM

To: Board of Directors
From: Drew McIntyre, Chief Engineer 
Subject: Update of Title 22 Engineers Report (RMC Environmental)

Date: April 3, 2015

R:\Folders by Job No\4000 jobs\4045\4045 RMC Title 22 Report Update BOD Memo 4-15.doc

RECOMMENDATION: Information only

FINANCIAL IMPACT: Less than \$15,000 (included in FY15 CIP budget)

BACKGROUND

The District's original Title 22 Engineers Report for the Distribution and Use of Recycled Water was prepared by RMC Environmental through a Board approved contract in 2011. NMWD's Title 22 Report meets the requirement of the California Code of Regulations Title 22 and also requirements of the San Francisco Bay Area Regional Water Quality Control Board General Water Reuse Order 96-011.

Staff adheres to the requirements of this report when expanding recycle water service to new customers as well as issuing recycled water load permits to commercial water haulers for construction activity purposes (primarily dust control). Sufficient funds remain in RMC Environmental's existing contract for making a couple additions/modifications to the report. The specific updates requested of RMC include but are not limited to the following:

1. Modify the report to allow a District designated recycled water fill station for residential customers.
2. Update and expand the description of dual plumbing to allow not only recycled water for indoor toilet plumbing and outdoor use (primarily for new commercial developments), but also for those residential dual plumbing sites where the front yard common area is proposed to be irrigated with recycled water and the backyard is irrigated with potable water.

15

MEMORANDUM

To: Board of Directors
From: David L. Bentley, Auditor-Controller
Subj: Advanced Metering Infrastructure
(\\adword\meters\ami memo to bod.docx)

April 3, 2015

RECOMMENDED ACTION: Information**FINANCIAL IMPACT: None at this time - \$5M Included in Proposed 5-Year CIP Plan**

The \$5 million cost of the proposed Advanced Metering Infrastructure (AMI) project prompted staff to approach the Board with a project overview prior to the initial Capital Improvement Project budget review scheduled for the April 21 meeting.

The District has been following the evolution of meter reading technology over the past two decades. We believe the technology has improved to the point where a pilot study at NMWD is now appropriate. The latest innovation, meter read data transmission via the existing cellular network, overcomes the hurdle of Novato's rolling terrain, which heretofore limited use of the Advanced Metering technology to those areas in Novato where each meter had to have line-of-sight to a data collection & sending tower located on one of the District's tank sites. The Advanced Meter collects water use data hourly and transmits a digital signal on demand using a very low-power signal, thus requiring line-of-site proximity for data collection. A propagation study prepared by Badger Meter shows that approximately one-half of Novato's meters are located in areas where line-of-sight access to a collection tower is not available. Use of the cellular network for those meter locations solves that problem.

The advantages of an using Advanced Meters are numerous. Here are six:

1. Reduced water loss - Currently many leaks are found only when a meter is read - which occurs bimonthly. Leaks therefore sometimes continue for weeks with the customer unaware. Palace Market is an extreme example, where over 2.2 million gallons of water was lost, with the customer unaware until being alerted by the District meter reader. With Advanced Meters water use is recorded hourly, allowing the District to be alerted of unusually high use on a real time basis. Such information would allow a phone call to the customer and, if warranted, dispatch of a Field Service Rep to the service location to investigate. In addition, as meters age, the registration slows down and the accuracy decreases, allowing water to pass through the meter without registering. Forty-seven percent of the District's meters are over 20 years old, so replacement with new meters, where warranted, will increase measurement accuracy and revenue.

2. Customer real-time engagement in water use - Advanced Meters allow customers to monitor their water use in real-time over the internet, to compare use to prior periods, and to obtain immediate feedback on, say, a change in irrigation cycles or run-time. Irrigation accounts for half of all residential water use. As calls for increased conservation continue, it is counterproductive to require a customer to wait 60 days until the water bill arrives to see how they have done. Another money saving option for customers can be taken from the cell phone companies, who allow customers to set individual parameters to receive text warnings when they are in danger of exceeding their allotted data use. Water customers, if they desire, could be notified when they are approaching a consumption level that will send them into the next water-use tier.
3. Monthly billing - Bimonthly billing has been the practice of the District since 1961. While the practice reduces labor cost, it also reduces water use feedback to the customer. In addition, as water rates increase, bills become more difficult for some customers to pay, causing them to defer payment or make a series of partial payments. Advanced Meters will allow the District to consider cost-effective monthly billing, which would cut the customer's water payment in half, reduce the accounts receivable balance carried by the District, and increase the District's cash flow.
4. Reduced labor requirement - The District spent \$152,000 last fiscal year reading water meters in Novato. That labor could be used to serve customers in other ways. Tasks such as obtaining a final read on move-out and requests to re-read a meter to investigate a high or low reading are expensive and can cause a payment delay pending a completion of the investigation.
5. Increased customer satisfaction - From time-to time a customer will receive a bill showing abnormally high water use and insist that nothing unusual occurred. If a field visit fails to diagnose a problem, the District policy is to advise the customer that the water passed through the meter sometime during the past two month period, and offer the Bill Adjustment Policy as a partial remedy. With an Advanced Meter, the customer and District can identify exactly when the high use occurred. This can jog a memory (e.g., a hose left running), and can serve to remove the mystery and suspicion that arise when no information is available. Higher customer satisfaction is linked directly to faster payment.
6. Safety - Meter readers must deal with unfriendly dogs and meters that are difficult to access or located adjacent to roadways on a blind curve or with an inadequate shoulder. Advanced meters remedy these concerns.

Industry Adoption

About 10% of California is now equipped with the Advanced Metering technology. San Francisco rolled out the technology to nearly 180,000 homes and businesses in May of 2014. Marin Municipal received a \$1 million grant late last year for a pilot project to install Advanced Meters on their large irrigation accounts. Petaluma is wrapping up installation of "touch-read" meters throughout the City. The touch-read system is an earlier technology that allows a meter reader to touch a wand to the meter box lid to obtain a read. Santa Rosa and Rohnert Park have installed "drive-by" technology meters on most of their accounts, the same meter technology NMWD has installed on 188 difficult to access meters in West Marin. Drive-by technology allows the reader to capture the read when within 10-15 feet of the meter. We will be installing 25 Advanced Meters with cellular transmission capability on the Walnut Meadows (McClay Road) and Mt Burdell Place (4th Street) subdivisions going in this summer, funded by developers.

Budget Proposal

The proposed FY16 budget includes \$500,000 for a pilot program to work through the process of installing 1,000 Advanced Meters on the large user accounts throughout town, to develop the software interface to the billing system, and construct data collection towers for those locations where data transmission via District's SCADA radio transmission system is available. Where data cannot be transmitted to the office by the SCADA network, the cellular network will be utilized. Assuming the pilot project proves successful, \$4.5 million would be expended over the following two fiscal years to install Smart Meters throughout Novato.

Funding

Assuming the pilot project proves the concept feasible, money would be borrowed to complete installation throughout the Novato service area. The State Water Resource Control Board funds Advanced Metering Infrastructure (AMI) projects with State Revolving Fund loans, currently at 1.5% (50% of the California GO Bond rate). Bank of Marin would also fund the project, as they did with the Aqueduct Energy Efficiency Project, at a rate around 3.5%. The District's connection fee (Facilities Reserve Charge) includes a component to pay for debt service on a \$5 million project. Another creative funding idea was enacted by Vallecitos Water District, who is funding their AMI project with revenue derived from their Tier 3 water rate.

Conclusion

The current drought concerns serve to magnify the value of this new technology. District customers are technologically savvy, and this new tool will assist in water conservation efforts. Feedback from the Board will assist staff in planning for a successful implementation.

16

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



**WATER ADVISORY COMMITTEE
AND
TECHNICAL ADVISORY COMMITTEE**

MONDAY, APRIL 6, 2015

9:00AM

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

This is a combined Special WAC and TAC meeting.

1. Check In
2. Public Comment
3. Recap from the February 2, 2015 WAC/TAC Meeting and Approval of Minutes
4. Recap from the March 2, 2015 TAC Meeting and Approval of Minutes
5. Water Supply Conditions and Temporary Urgency Change Order (including report on Water Conservation)
6. Approve FY 2015/16 SCWA Budget
7. Biological Opinion Status Update
8. Items for Next Agenda
9. Check Out – Adjourn to SCWA Carbon Free Water Press Conference followed by SCWA Board of Directors Strategic Plan Workshop

Draft Minutes of Water Advisory Committee and Technical Advisory Committee
35 Stony Point Road, Santa Rosa, California
February 2, 2015

Attendees: Erin Carlstrom, City of Santa Rosa
David Guhin, City of Santa Rosa
Jennifer Burke, City of Santa Rosa
Linda Reed, City of Santa Rosa
Linda Hall, City of Santa Rosa
Elise Howard, City of Santa Rosa
Rocky Vogler, City of Santa Rosa
Toni Bertolero, Town of Windsor
James Smith, Town of Windsor
Susan Harvey, City of Cotati
Damien O'Bid, City of Cotati
Mark Heneveld, Valley of the Moon Water District
Dan Muelrath, Valley of the Moon Water District
Laurie Gallian, City of Sonoma
Dan Takasugi, City of Sonoma
Jake Mackenzie, City of Rohnert Park
Mary Grace Pawson, City of Rohnert Park
Mike Healy, City of Petaluma
Dan St. John, City of Petaluma
Dennis Rodoni, North Marin Water District
Jack Baker, North Marin Water District
Chris DeGabriele, North Marin Water District
Drew McIntyre, North Marin Water District
Katie Young, North Marin Water District
Jack Gibson, Marin Municipal Water District
Larry Bragman, Marin Municipal Water District
Mike Ban, Marin Municipal Water District
Efren Carrillo, Board of Supervisors
Grant Davis, SCWA
Jay Jasperse, SCWA
Pam Jeane, SCWA
Mike Thompson, SCWA
Lynne Roselli, SCWA
Carrie Pollard, SCWA
Brad Sherwood, SCWA
Ann DuBay, SCWA

Public Attendees: Brenda Adelman, RRWPC
Dietrich Stroeh, Stuber-Stroeh Engineering Group
Dawna Gallagher Stroeh
Margaret DiGenova, California American Water
David Keller, FOER
Jim Downey, Penngrove/Kenwood Water District
Bob Anderson, United Winegrowers
John Rosenblum

1. Check-in

Dennis Rodoni, WAC Chair, called the meeting to order at 9:01 a.m.

2. Public Comment

None

3. Designate Ad Hoc Committee on WAC Chair and Vice Chair Nomination Process
Mike Healy, City of Petaluma will chair the ad hoc committee to develop a process for nomination of WAC Chair and Vice Chair, with Laurie Gallian, City of Sonoma, Grant Davis, SCWA, and David Guhin, City of Santa Rosa, as the committee members.
4. WAC/TAC Member Orientation
Binders have been created for new WAC members. If you need a new binder or have a new member let SCWA secretary Jan Gutierrez know.
5. Recap from the November 3, 2014 WAC/TAC Meeting and Approval of Minutes
Moved by Laurie Gallian, City of Sonoma, seconded by Erin Carlstrom, City of Santa Rosa, to approve the minutes of the November 3 WAC/TAC meeting; unanimously approved.
6. Recap from the January 5, 2015 TAC Meeting and Approval of Minutes
Moved by David Guhin, City of Santa Rosa, seconded by Dan Muelrath, Valley of the Moon Water District, to approve the minutes of the January 5 TAC meeting; unanimously approved.
7. WAC/TAC Meeting Schedule
The schedule was included in the member packet. A Strategic Planning Workshop with the SCWA Board has been scheduled after the April 6 special WAC/TAC meeting.
8. Water Supply Coordination Council
The meeting recap was provided to the members via email.
9. 2015 UWMP Water Demand/Water Conservation Forecast Development
Chris DeGabriele, NMWD, reported that the water contractors have engaged Maddaus Water Management to help forecast future water use, demands and water conservation savings to be used in each contractor's 2015 UWMP. Data is being requested from the water contractors that needs to be completed this week, along with a survey for regional and individual water conservation that also needs to be completed this week. Maddaus Water Management will complete their work in July.
10. Water Supply Conditions and Temporary Urgency Change Order (including report on Water Conservation)
The Regional Water Production Comparison which summarizes use through December 2014, was available to the meeting attendees. The Sonoma Marin Saving Water Partnership annual report was distributed to the members. Water supply conditions have been variable with no rain in January. Lake Sonoma is at 78% capacity with 85% capacity at Lake Mendocino. SCWA may ask for a continuation of the TUCO should conditions not improve. Pam Jeane, SCWA, reported that projections are being made for the remainder of the year. Order expires on Feb. 20 and a request for an extension may be filed. Decision will be made this week or next to determine if extension will be requested. Documents would be filed the week before the expiration of the current order. Potter Valley stoppage valve work is to be completed by PG&E in early March. They may file for a variance to send water they have not been able to send during repair procedures. Comments were made by members.

Grant Davis, SCWA, recapped the efficiency that has been attained by water users. The region will need to look for new ways to conserve further. Brad Sherwood, SCWA, has published talking points to be used by the contractors regarding the drought.

Chris DeGabriele, NMWD, reported North Marin and Marin Municipal Water Districts have full water reservoirs but continue to promote conservation.

Upper Russian River conservation efforts continue with toilet replacements and lawn replacements.

David Guhin, City of Santa Rosa, reported that Santa Rosa has done an incredible job replacing landscape and a new program to replace toilets with low flush has begun.

Industrial users in Santa Rosa are also making additional conservation efforts.

Jake Mackenzie, City of Rohnert Park, commented on the growth in housing that will be implemented soon. He cautioned that comments will be coming from the public because more houses means more water use.

Mike Healy, City of Petaluma, asked what SCWA projects as a manageable supply long term. Grant Davis, SCWA, reported a high and low projection was agreed upon for future water supply in the 2010 UWMP.

David Keller, FOER, commented on good results for conservation efforts. He commented on the use of water by winegrowers and asked what is being done to keep them from using more water, stating more work needs to be done toward conservation.

Brenda Adelman commented on the great improvement in conservation and gave credit for the fine work being done. She expressed concern regarding the growth in Rohnert Park and how the water supply will be managed, believing that new development needs to be at no net increase to water consumption. She thinks there is more that can be done to save water.

11. FY 2015/16 Draft SCWA Budget

Lynn Roselli, SCWA, gave a report on the water transmission rates and budget draft. The SCWA FY 2015/16 draft budget will be presented to the TAC in March and to the WAC/TAC in April asking for a recommendation to approve. The budget will be presented to the SCWA Board in April. Questions followed.

12. SCWA Strategic Plan Update

Grant Davis, SCWA, introduced Mike Thompson to report on the status of the 5-year strategic plan. Key strategies and actions will be determined by the SCWA Board in the future. There will be a formal update on the strategic plan now scheduled at the April 6 Special WAC/TAC meeting. Questions followed.

13. Biological Opinion Status Update

Pam Jeane, SCWA, reviewed the update that was sent to the members. She recapped the progress on miles two and three of the Dry Creek Habitat Enhancement Project.

14. Integrated Regional Water Management Plan(s) Update

With the passage of Prop 1 allocations are available and funds are expected to be rolled out this year. Drought contingency funds could be available. Steady progress has been made securing funding. \$700K in first round of Prop 84 funding is almost used. \$335K is in the second round of Prop 84 with \$500K in the third round. North Coast is looking at projects completed and what to plan next.

15. Items for next TAC Agenda

SCWA FY2015/16 Budget

Water Supply Conditions

Biological Opinion Status Update

California Water Foundation Report – future WAC agenda

16. Check Out

Next TAC meeting is March 2

Next Special WAC/TAC meeting is April 6

Meeting was adjourned at 10:04a.m.

Draft Minutes of Technical Advisory Committee
35 Stony Point Road, Santa Rosa, California
March 2, 2015

Attendees: David Guhin, City of Santa Rosa
Jennifer Burke, City of Santa Rosa
Linda Reed, City of Santa Rosa
Rocky Vogler, City of Santa Rosa
Linda Hall, City of Santa Rosa
Elise Howard, City of Santa Rosa
Damien O'Bid, City of Cotati
Toni Bertolero, Town of Windsor
James Smith, Town of Windsor
Paul Piazza, Town of Windsor
Stuart Hayre, Town of Windsor
Mary Grace Pawson, City of Rohnert Park
Dan Muelrath, Valley of the Moon Water District
Dan Takasugi, City of Sonoma
Mike Healy, City of Petaluma
Leah Walker, City of Petaluma
Chris DeGabriele, North Marin Water District
Drew McIntyre, North Marin Water District
Mike Ban, Marin Municipal Water District
Pam Jeane, SCWA
Mike Thompson, SCWA
Mike Gossman, SCWA
Lynne Rosselli, SCWA
Brad Sherwood, SCWA
Carrie Pollard, SCWA
Ann DuBay, SCWA

Public Attendees: Brenda Adelman, RRWPC
David Keller, FOER
J. Dietrich Stroeh
Donna Gallagher Stroeh
Margaret DiGenova, California American Water
John Rosenblum

1. Check-in
Chair Chris DeGabriele called the meeting to order at 9:04a.m.
2. Public Comment
None
3. SCWA Draft FY2015/16 Budget
Mike Gossman, SCWA, made a PowerPoint presentation on the SCWA 2015/16 draft budget. A handout was available for meeting attendees. Comments were made by TAC Finance Subcommittee Chair Damien O'Bid, City of Cotati, regarding the process the committee followed to finalize the draft budget. Questions and comments followed from the committee and the public. Damien O'Bid, City of Cotati, moved to approve the draft budget, seconded by David Guhin, City of Santa Rosa; unanimously passed.

4. Water Supply Conditions and Temporary Urgency Change Order (including report on Water Conservation)

Pam Jeane, SCWA, reported that Lake Sonoma is at 89% capacity and Lake Mendocino is at 97%. Normal water supply conditions are currently in place on the Russian River based on inflow to Lake Pillsbury. Minimum river flow is 150 cfs at this time.

The Regional Water Production Comparison Report was distributed to the members by Chris DeGabriele, North Marin Water District. Chris reviewed the report and the method for compiling the data used in the report.

Questions and comments followed from the public.

5. Biological Opinion Status Update

Pam Jeane, SCWA, reviewed the Biological Opinion Status Update sent via email to the committee and interested parties.

6. Items for Next Agenda

April 6 Special WAC/TAC Meeting

SCWA Draft FY2015/16 Budget

Meeting will be followed by the SCWA press conference to discuss carbon free water.

The press conference will be followed by the SCWA Board meeting on their Strategic Plan Update.

7. Check Out

Next Special WAC/TAC meeting is April 6, 2015

Next WAC/TAC meeting is May 4, 2015

Next TAC meeting is June 1, 2015

Meeting was adjourned at 9:49a.m.

Draft Minutes of Technical Advisory Committee
35 Stony Point Road, Santa Rosa, California
March 2, 2015

Attendees: David Guhin, City of Santa Rosa
Jennifer Burke, City of Santa Rosa
Linda Reed, City of Santa Rosa
Rocky Vogler, City of Santa Rosa
Linda Hall, City of Santa Rosa
Elise Howard, City of Santa Rosa
Damien O'Bid, City of Cotati
Toni Bertolero, Town of Windsor
James Smith, Town of Windsor
Paul Piazza, Town of Windsor
Stuart Hayre, Town of Windsor
Mary Grace Pawson, City of Rohnert Park
Dan Muelrath, Valley of the Moon Water District
Dan Takasugi, City of Sonoma
Mike Healy, City of Petaluma
Leah Walker, City of Petaluma
Chris DeGabriele, North Marin Water District
Drew McIntyre, North Marin Water District
Mike Ban, Marin Municipal Water District
Pam Jeane, SCWA
Mike Thompson, SCWA
Mike Gossman, SCWA
Lynne Rosselli, SCWA
Brad Sherwood, SCWA
Carrie Pollard, SCWA
Ann DuBay, SCWA

Public Attendees: Brenda Adelman, RRWPC
David Keller, FOER
J. Dietrich Stroeh
Donna Gallagher Stroeh
Margaret DiGenova, California American Water
John Rosenblum

1. Check-in

Chair Chris DeGabriele called the meeting to order at 9:04a.m.

2. Public Comment

None

3. SCWA Draft FY2015/16 Budget

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Next TAC meeting is June 1, 2015

Meeting was adjourned at 9:49a.m.

MEMORANDUM

To: Water Advisory Committee
From: Chris DeGabriele, TAC Chairman
Subject: Approve FY 2015/16 SCWA Budget
t:\gm\scwalwac agenda and minutes\2015\scwa fy 2015-16 budget.doc

April 2, 2015

RECOMMENDED ACTION: WAC approve the SCWA FY 2015/16 Budget

The latest draft of the Sonoma County Water Agency Water Transmission System Budget for Fiscal Year 2015/16 will be available at the April 6 meeting. At the March 2nd TAC meeting, the TAC received a presentation from SCWA on the proposed budget, and voted to recommend approval by the WAC.

The budget proposes deliveries next year at 50,590 Acre Feet (AF) consistent with prescriptive requirements of the Restructured Agreement. The total O & M charge proposed is \$646.92/AF. With the addition of Storage, Common Facilities, and Aqueduct Bond Charges, Aqueduct Capital Charges and the L/R/T2 (Local Supply/Recycled Water/Tier 2 Water Conservation) charges the total rate, depending on delivery aqueduct, ranges from \$761.05 to \$842.55/AF, an increase of 4.16% to 6.22% from FY 2014/15. This rate increase is less than the 7% projected in the SCWA long range financial plan.

SCWA will make a presentation on the budget to the WAC at the April 6 meeting. SCWA staff has previously met with the TAC budget subcommittee and made budget presentations to Santa Rosa BPU and City Council, Town of Windsor Council, and the Cities of Sonoma, Cotati and Petaluma.

RECOMMENDATION:

WAC approve the FY 2015/16 SCWA Budget.

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

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

Date: Friday, April 3, 2015

Time: 9:30 a.m. – 11:30 a.m.

Location: Napa County Library Community Room
580 Coombs Street
Napa, CA 94559

AGENDA

<u>Item</u>	<u>Recommendation</u>
1. Call to Order (Jack Gibson, Chair)	
2. Public Comment	
3. Approval of the Agenda (1 min.)	Approve
4. Approval of Minutes	Approve
5. Treasurer's Report (1 min.)	Accept
6. Napa Earthquake: Lessons Learned (45 min.) Guest Speaker: Mike Parness, City Manager, City of Napa	Information
7. Items of Interest	
8. Items for Next Agenda	
9. Napa Flood Management Project Update (20 min.) Guest Speaker: Rick Thomasser, Watershed and Flood Control Operations Manager Napa County Flood Control and Water Conservation District	Information
10. Napa River Walking Tour (1 hr.) Downtown Reach and Napa River Bypass Construction (Paved Urban Trails)	Information

Location & Parking Information

- * Meeting Room Entrance is located to the left of the Main Library Entrance.
- * Parking is available in the Library Parking Lot (Enforced/Ticketed 3 hr. limit) or across the street in the Municipal (5th and Main) Parking Garage – No Charge – (Floor 1 – Enforced/Ticketed 3 hr. limit, Floors 2 and 4 – Available All Day, Floor 3 – Prohibited)

Next Meeting Information:

Next Meeting: May 1, 2015

Marin Community Foundation
5 Hamilton Landing, Suite 200
Novato, CA 94949

NORTH BAY WATERSHED ASSOCIATION

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

Date: March 6, 2015
Time: 9:30 a.m.
Location: Novato Sanitary District
500 Davidson Street
Novato, CA 94945

Directors Present: Directors present included:

<u>Board Member</u>	<u>Agency/Organization</u>	<u>Board Member</u>	<u>Agency/Organization</u>
Jack Baker	North Marin Water District	Paul Jensen	City of San Rafael
Keith Caldwell	Napa Sanitation District	Pamela Meigs	Ross Valley Sanitary District
Megan Clark	Las Gallinas Valley Sanitary District	Brant Miller	Novato Sanitary District
Jack Gibson	Marin Municipal Water District	Brad Sherwood	Sonoma County and
Kathy Hartzell	Central Marin Sanitation Agency		Sonoma County Water Agency
Juliana Inman	Napa County Flood Control and	Robert Wilson	City of Petaluma
	Water Conservation District		

Directors present represented 12 out of the 16 agencies signatory to the Association MOU and Eric Lucan represented City of Novato, Associate Member.

Board Actions:

1. **Call to Order.** Jack Gibson, Chair, called the meeting to order at 9:40 a.m.
2. **Public Comment.** None.
3. **Approval of the Agenda.** (See Handout) The Board unanimously approved the agenda.
4. **Approval of the Minutes of the Board Meeting held February 6, 2015.** (See Handout) The Minutes of the Board Meeting held on February 6, 2015 were unanimously approved, with abstentions by Kathy Hartzell, Pam Meigs, and Brant Miller.
5. **Treasurer's Report.** (See Handout) The Treasurer's Report was accepted as presented by Harry Seraydarian.
6. **Regional Sediment Management in SF Bay.** Brenda Goeden, BCDC, provided a PowerPoint entitled "Regional Sediment Management at BCDC" and began with an outline of her presentation. Brenda used a map to show the area of focus from Suisun to the mouth of the Bay and noted the Delta was a major source of sediment load (50%). She provided a definition of Regional Sediment Management – The integrated management of littoral, estuarine, and riverine sediments to achieve balanced and sustainable solutions to sediment related needs. Brenda explained why sediment is important for both environmental and economic reasons. She then discussed the historic sediment from hydraulic mining (over 268 million cubic yards) and displayed some graphs illustrating sediment volumes for mining and dredging for the last century and more recent sediment concentrations indicating lower sediment loads since the 1990s. Brenda noted that sediment is now 67% local and the rest is from the Delta and she also described the impacts of reduced sediment-shoreline erosion and that more light leads to more algae blooms. She explained the current system by categorizing sources and sinks for both coarse and fine grain sediment. Brenda presented a conceptual model for sediment transport and highlighted a few examples such as erosion at Ocean Beach. She then identified the key focus areas for sediment management and emphasized the biggest problems – flood and shoreline protection, and dredging and aggregate mining. Brenda described the research underway to understand the current sediment system and efforts to develop workplans and strategies to pursue sustainable sediment use and management. She also presented both programmatic management (Long Term Management Strategy - LTMS) and project specific examples of existing sediment management. Brenda summarized existing dredging in the Bay – about 3 mcy from 100 projects in a narrow work window and sand mining – reduced recently due to recession. Brenda moved on to habitat restoration and maintenance and highlighted Montezuma and Hamilton/Bel Marin Keys as examples of using sediment to accelerate restoration. She also explained BCDC efforts on watersheds and the need to identify areas where management measures can be used to retain sediment in key areas and help convey the "right amount" of sediment through a particular watershed to the Bay system. Brenda continued with flood control and shoreline stabilization and used Novato Creek as an example to ask whether it was possible to realign structures to reduce constriction and allow sediment to feed the marshes. Brenda then presented the last focus area – Climate Change – and posed questions on the relationship between sea level rise and maintaining shoreline areas. Brenda then discussed Marin County contacts and examples of responses to BCDC surveys. Brenda concluded with a

summary of future planning efforts and future outputs and outcomes and also asked for local help in identifying issues. The NBWA Board Members had several questions. Are you aware of San Rafael's qualitative assessment and inventory in a White Paper on Climate Adaptation – Sea level Rise? (No, will check with Joe LaClair as suggested.) Are you looking at contaminated sediment? (This is purview of RWQCB: Montezuma can take contaminated sediment.) Are you looking at endangered species? (We are working with CDFW and USFWS.)

7. NBWA Budget 2015-2016 and New Project AIS \$5k. Harry Seraydarian presented a PowerPoint and began by reviewing the NBWA mission, goals, and process for identifying projects. Harry then discussed project review by the Joint Technical Committee chaired by Chris Choo. Harry highlighted the status of projects approved and funded in the last few years. He also summarized the progress on the EPA grant awarded to NBWA in 2011 for \$1,494,142 with funds going to Napa, Sonoma, and Marin for "Implementing Sediment and Pathogen TMDLs in the North Bay." Harry provided a summary of income to NBWA from recent conferences and highlighted the workshops that had also been organized in the last several years. Harry moved on to the Integrated Regional Water Management funds provided to the Bay Area under Prop 50 and Prop 84 and emphasized the policy decision that resulted in the North Bay receiving a much larger share of the available funds. He also described the specific North Bay projects funded in prior Prop 84 Rounds. Harry used the opportunity to provide the NBWA Board with information on the most recent events related to the Prop 84 2015 Round. He noted the Bay Area Guidance which should be out on March 9 and the NBWA Watershed Council Workshop scheduled for March 18, 2015. Harry emphasized that DWR will be pursuing another expedited schedule and applications will be due in early August 2015. Harry also provided an update on Prop 1 and summarized the Governor's budget for Prop 1 funding in 2015-2016. Harry moved on to the NBWA Budget for 2015-2016 and first presented the projects identified to date by the Joint Technical Committee (6 projects totaling at least \$95k). He also displayed a graph showing NBWA budgets over time and described the elements that make up the NBWA Budget. Harry then explained the changes from 2014-2015 (carryover for projects estimated at \$65.5k and \$5k shifted from contingency funds to the 2016 conference for upfront costs). Harry then submitted a project for Board approval – an MMWD proposal for Aquatic Invasive Species Surveys requesting \$5k for survey work on Corte Madera Creek and a \$10k match for survey work on Walker and Lagunitas Creeks. Harry also provided options for the possibility of Novato becoming a dues paying member next year. The NBWA Board unanimously approved the draft budget for 2015-2016, the AIS proposal for \$5k, and the Novato option to apply Novato dues for next fiscal year to contingency for future project funding.

8. Items of Interest. None.

9. Items for Next Agenda.

- * Napa Earthquake: Lessons Learned – Mike Parness, City Manager
- * Napa Flood Management Project Update – Rick Thomasser, Napa County Flood Control

Jack Gibson, Chair, adjourned the meeting at 11:24 a.m.

SUBJECT TO BOARD APPROVAL

Submitted By: Elizabeth O. Preim-Rohtla
Assistant to the Executive Director

NEXT MEETING INFORMATION:

April 3 – Napa County Library Community Room, 580 Coombs Street, Napa, CA 94559

- * Meeting Room entrance is located to the left of the main Library entrance.
- * Parking is available in the Library Parking Lot (Enforced/Ticketed 3 hr. limit) or across the street in the Municipal (5th and Main) Parking Garage – No Charge – (Floor 1 – Enforced/Ticketed 3 hr. limit, Floors 2 and 4 – Available All Day, Floor 3 – Prohibited)
- * After Meeting – Walking Tour along the river promenade to view progress of construction of the Napa River Oxbow Dry Bypass (Latest Phase of Flood Project to be completed summer 2015)

May 1 – Marin Community Foundation, 5 Hamilton Landing, Suite 200, Novato, CA 94949

NBWA
Watershed Council Meeting Summary
March 18, 2015 – 3:00 p.m. – 5:00 p.m.
Point Blue Conservation Science
3820 Cypress Drive, Suite 11
Petaluma, CA 94954

I. Introductions – Introductions began at 3:08 p.m. and Harry Seraydarian, NBWA Executive Director, reviewed the agenda. There were no announcements.

II. Prop 1 Funding Opportunities – Harry Seraydarian presented a PowerPoint and began with a summary of the funding categories in Prop 1. Harry walked through each funding category and identified the total amount of funding, required match, lead agency, and eligibility requirements. Harry then highlighted the funding categories that should be available for Bay Area competition: IRWM (\$65m – DWR); Conservation (\$100m – DWR); Stormwater-Multi-Benefit (\$200m – SWRCB); Ecosystem Projects (\$100.5m – SCC); Enhanced Stream Flows (\$200m – WCB); Watershed Restoration (\$285m – DFW); Urban Streams (\$20m – Sec. NR); and Recycling (\$725m – SWRCB). Harry also noted the funding categories that were possibly available to the Bay Area and those that were not likely. Harry provided a comparison to Prop 84 and noted the differences. Harry then provided a summary of the Governor's 2015 budget proposal for Prop 1 funding and highlighted a special provision (79745) under IRWM that sets aside 10% of regional funds for "ensuring involvement of disadvantaged communities, economically distressed areas, or underrepresented communities within regions." Harry ended with a summary of draft guidelines that had been issued to date and noted the legislative hearings that had been scheduled.

III. Prop 84 – 2015 Round – Harry Seraydarian provided a PowerPoint and began with background on Prop 84 including a summary of projects funded in the North Bay in prior rounds. Harry then moved on to the 2015 Round and explained the process for the Bay Area. <http://bairwmp.org/> He emphasized the due date for proposals: April 20, 2015 and explained in detail the factors that will be used in evaluating proposals: 1) Inclusion in the 2013 Bay Area IRWM Plan; 2) Readiness to proceed; 3) 25% Match; 4) Define Physical Benefits; 5) Benefit/Cost Analysis (? Technical Analysis/Cost Effectiveness); 6) Cash for Consultant; 7) Collaboration; 8) Multi-Objective/Integrated; 9) Amount of Grant Request; and 10) Impact/Effect (Regional?). Harry also reviewed the regional priorities developed in 2014 and the scoring matrix that will be used in 2015. He emphasized the content of the submittals and described the on-line process. Harry then presented a summary of DWR's Draft PSP for 2015 and explained the schedule, eligible project types, and DWR's approach to scoring the overall proposal and individual project scoring. Harry described the shift in emphasis from Benefit/Cost ratios to Cost Effectiveness. Harry ended with a summary of next steps for the Bay Area process and indicated a decision will be made on whether county meetings are necessary in the North Bay.

IV. Potential North Bay Projects – The participants identified potential North Bay projects (and some regional projects). This input was captured by Caitlin Cornwall and displayed so audience members could identify possible opportunities for collaboration. The draft table is attached.

V. County Collaboration Sessions – Participants split into county groups and discussed opportunities for collaboration.

VI. Wrap Up – Due to time constraints no future topics were identified.

Meeting adjourned at 5:00 p.m.

Participants: 34

Mollie Asay — Sonoma County Water Agency
Sherry Barbic — Santa Rosa Water Agency
Stephanie Bastianon — Friends of the Petaluma River
Laura Chariton — Watershed Stewardship
Jim Chayka — CA Coastal Conservancy
Megan Clark — Las Gallinas Valley Sanitary District
Caitlin Cornwall — Sonoma Ecology Center
Chris DeGabriele — North Marin Water District
Russ Eberwein — Marin County Flood Control
Patricia Gaither — Solano Land Trust
Shari Gardner — Friends of the Napa River
Jack Gibson — Marin Municipal Water District
Thomason Grim — Marin Municipal Water District
Minona Heaviland — Sonoma Ecology Center
Kara Heckert — Sonoma RCD
Joan Hultberg — Sonoma County Water Agency
Lou Leet — City of American Canyon

Chris Mainland — Napa County RCD
Jeff Melby — CA Coastal Conservancy
Bill Miller — Consulting & Engineering
Valerie Minton — Sonoma RCD
Claire Nordlie — Sonoma County Water Agency
Elizabeth Preim-Rohltla — NBWA Staff Assistant
Derek Rayner — City of Calistoga
Judy Schriebman — Las Gallinas Valley Sanitary District
Nancy Scolari — Marin RCD
Harry Seraydarian — NBWA Executive Director
Leigh Sharp — Napa County RCD
Jake Spaulding — Sonoma County Water Agency
Tom Tolliver — CA Coastal Conservancy
Pam Tuft — City of Petaluma
Leah Walker — City of Petaluma
Sue Wickham — Solano Land Trust
Vanessa Wyant — Point Blue Conservation Science

Exploration of Project Concepts for IRWMP

NBWA Watershed Council Meeting -- March 18, 2015

Prop1/84 project concepts for the North Bay, 2015													
1 = low, 2 = medium, 3 = high													
						Can document/quantify benefits?							
	Project Concept, Contact Person	Read- iness	Non- State Match?	Water- shed/ Habitat	Water Supply	Flood/ Storm	Water Quality	\$ for Consul- tant?	Reg'l vs Subreg'l	Location	Climate- Smart Design?	DAC or Tribe?	Reques- ted Amt
1.	NMWD. NBWRA Novato central service area Recycling. Status CEQA mostly done, need more CEQA. Chris DeGabriele.	3	3		3		3	3	r	Novato	3	1	2M
2.	MMWD/LGVSD extension of recycle capacity.	3	3		3		3	3	r	San Rafael ish	3		2M+
3.	McInnis Park wetland restoration, ecotone slope. Marin County Parks	?	3	3			3	3	s	San Rafael	3		3M
4.	Petaluma expand capacity and distrib of recycled water. City of Petaluma	3	3		3		3	3	r	Petaluma	3	1	2M
5.	Smart water meters (AMI) in City of American Canyon.												
6.	iCARE, restoration project, water storage, headwaters reservoir. Applicant: Napa Open Space.	3	3	3	3		3	3	s	Napa			1.8M
7.	Watershed land acquisition, Solano Land Trust. Scalable cost, up to 10M.	3	3	3									5M
8.	Phase II recycled water expansion. Polishing for ag use. Calistoga	3	3		3		3						3M
9.	River restoration on Napa River adjacent to riverside ponds. In permitting and design now. Calistoga.	2		3									2M
10.	Washington Creek restoration (2 branches). Petaluma	3	3	3		3		3					1M
11.	Phoenix Lake. Marin County Flood Control.	3	?			3							7M
12.	Rebate for ag water conservation. Mobile water lab. Sonoma RCD	3	3										300K
13.	LandSmart implementation on rangelands and vineyards for carbon sequestration, water quality, quantity. Sonoma RCD.	3											700K
14.	Multiple sites. Highly scalable. STRAW	3	3	3			3						5.5M
15.	Capri Creek, upstream of current project. City of Petaluma.	2	?	3		3		?					1.5M
16.	Napa River restoration. County of Napa.												
17.	Muir Beach CSD. Water recycling, roof rain capture, stream flow enhancement.	1	3	3	3		3						
18.	Regional water conservation with BAWAC, SCWA (same widgets as before).												
19.	AQPI, weather forecasting. Whole bay area. SCWA **												25M+
20.	However they can contribute. CCNB **												
21.	Nathanson Creek Phase 3. Sonoma Ecology Center **	3	2	y	y	y	y	n	s	City of Sonoma	3	no	1M

Exploration of Project Concepts for IRWMP

NBWA Watershed Council Meeting -- March 18, 2015

Prop1/84 project concepts for the North Bay, 2015												
1 = low, 2 = medium, 3 = high												
Can document/quantify benefits?												
Project Concept, Contact Person	Read- iness	Non- State Match?	Water- shed/ Habitat	Water Supply	Flood/ Storm	Water Quality	\$ for Consul- tant?	Reg'l vs Subreg'l	Location	Climate- Smart Design?	DAC or Tribe?	Reques- ted Amt
22. Stormwater mgt and habitat enhancement at road crossings with county and city public works. Sonoma Ecology Center **	3	3	y			y	n	s	Sonoma Creek water-shed	3	no	\$200-900K
23. Infiltration, groundwater recharge, water quality, habitat enhancement at Van Hoosear Wildflower Preserve. Sonoma Ecology Center **	3	3	y	y	y	y	n	s	Carriger Creek, trib to Sonoma	3	no	500-900K
24. Water capture, infiltration, riparian and wetland enhancement, and erosion control at high priority multi-benefit sites. Sonoma Developmental Center, Kenwood Marsh, SoCrk@Hwy 12, Calab Ck@Hwy 12, Sugarloaf dirt crossing, Montini, London Lake outfall. Sonoma Ecology Center **	3	2	y	y		y	n	s	Sonoma Creek water-shed	3	no	200-750K
25. Pot grow cleanups to restore streamflow, and reduce sedimentation and toxicity in state and county parks in Sonoma Valley. Sonoma Ecology Center **	3	3	y			y	n	s	Sonoma Creek water-shed	3	no	100K
26. Water conservation and infiltration outreach, education, and demo projects to integrate into regional conservation programs. Sonoma Ecology Center **	3	3	y	y	y		n	r	Sonoma Creek water-shed	3	no	50-140K
NOTES from 3/18/2015 NBWA Watershed Council Meeting:												
* Readiness: 1 = may be ready by 2016, 2 = probably ready by 2016, 3 = definitely ready by 2016												
** Projects 18 through 26 identified in Sonoma County breakout session.												

18

DISBURSEMENTS - DATED APRIL 2, 2015

Date Prepared 3/31/15

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


Seq	Payable To	For	Amount
1	Allied Electronics	Altitude Valve Assembly (Airbase Tank & Spare) (2)	\$339.62
2	Alpha Analytical Labs	Lab Testing	2,121.00
3	AT&T	Telephone Charges: Fax & SCADA Lines	155.76
4	Bagneschi Dorrance, Linda	Novato "Cash for Grass Rebate" Program	200.00
5	Baker, Jack	March Director's Fee (\$410), North Bay Water Association Meeting on 3/6/15 (\$205) & North Bay Water Reuse Assoc Meeting on 3/4/15 (\$205)	820.00
6	Barry, Mariann	Novato "Pool Cover" Rebate Program	50.00
7	Blastco	Progress Pymt#5: Atherton Tank Rehabilitation Project (Balance Remaining on Contract \$738,121)	169,052.50
8	CA Dept of Consumer Affairs	Professional Engineering License Renewal (McIntyre) (4/15-3/17) (Budget \$120)	115.00
9	California Water Service	Jan-Mar 2015 Water Service (0 ccf)	144.26
10	California State Disbursement	Wage Assignment Order	811.50
11	CalPERS	Health Insurance Premium (Employees \$52,320, Retirees \$9,841 & Employee Contribution \$12,359)	74,520.01
12	Campos, Lilly	Novato "Cash for Grass Rebate" Program	400.00
13	Campbell, Barbara	Novato "Toilet Rebate" Program	200.00
14	Clark, Robert E.	Exp Reimb: AWWA-ACE 15 Conference in Anaheim 6/7-6/10/15. Registration (\$890) & Hotel (\$571)	1,460.60


Seq	Payable To	For	Amount
15	Core Utilities	Consulting Services: February IT Support (\$5,000), Program Radios for RTU (\$1,300), Clean-up Distribution SCADA Computer (\$2,100), Program Firewall & Build SCADA Screens for Lynwood Tank & Garner P/S (\$850), SCADA Troubleshooting (\$625), Core Billing (\$800) & Website Modifications (\$125)	10,800.00
16	S.F. Bay Section, CWEA	Registration for Process Control Security Systems Seminar in San Ramon on 5/14/15 (Baccei & LeBrun)	200.00
17	Farnsworth, Cal	Novato "Washer Rebate" Program	50.00
18	Fraites, Rick	March Director's Fee	410.00
19	Ghilotti Bros	Refund Security Deposit on Hydrant Meter Less Final Bill	290.03
20	Grainger	Limit Switch Contact, Replacement Metering Pump (O.M.) (\$613), Limit Switches (3) (\$38) & Back-up Battery for Automatic Gate Opener	699.83
21	Groeniger	Service Saddle (10) (\$575), Nipples (15), Plugs (2), Meter Adaptors (24) (\$272), 1" Valves (6) (\$1,498) & Gate Valve (\$473)	2,861.31
22	Hall Dump Truck Service	Green Waste Removal from District Yard (225 yds)	7,200.00
23	Hansel Auto Group	Replace Transaxle (Labor \$1,257) ('05 Honda Civic)	1,899.80
24	Harrington Industrial Plastics	1/2" Hose Suction (6), Tube Connectors (4) (\$31) & 3/8" Elbows (8)	65.62
25	InfoSend	Programming Fee to Revise Reminder Bill Statement	450.00
26		Cafeteria Plan: Uninsured Medical Reimbursement	15.00
27	Konopken, Martin	Novato "Washer Rebate" Program	50.00

Seq	Payable To	For	Amount
28	Landeros, Dianne	Exp Reimb: Baywork Meeting on 3/24/15 in San Francisco. Mileage (\$37), Bridge Toll (\$6) & Parking (\$9)	51.80
29	Lehan, Bill	Novato "Toilet Rebate" Program	200.00
30	Lincoln Life	Deferred Compensation PPE 3/31/15	11,561.35
31		Cafeteria Plan: Uninsured Medical Reimbursement	472.94
32	Missake, Nancy	Refund Alternative Compliance Reg 15 Deposit	945.00
33	Mutual of Omaha	April Group Life Insurance Premium	752.25
34	NACE	Membership Dues (7/15-6/16) (Budget \$130) (Jackson)	130.00
35	National Meter & Automation	Registers for 1" Meters (9)	789.15
36	Nationwide Retirement Solution	Deferred Compensation PPE 3/31/15	1,325.00
37	Northern Tool & Equipment	Replacement Center Console ('01 Dodge Ram)	63.59
38	Pace Supply	Bushings (20) (\$166), Hymax Coupling (\$347), Hydrant Extension (\$95), Couplings (8) (\$98) & Tube Nuts (4) (\$122)	827.85
39	Petterle, Stephen	March Director's Fee	410.00
40	Point Reyes Light	Display Ad: Salinity Intrusion into Pt. Reyes Well Supply (2/26/15)	56.00
41	Rodoni, Dennis	March Director's Fee	410.00
42	Schoonover, John	March Director's Fee Less Deferred	360.00
43	Stewart, Shannon	Novato "Toilet Rebate" Program	100.00
44	Stimson, Jennifer	Novato "Washer Rebate" Program	50.00
45	Strahm Communications	Postage for Proposed Rate Increase Letters	3,100.00
46	Verizon California	Leased Lines	293.40
47	Verizon Wireless	March CIMIS Station Data Transfer Fee	27.12

Seq	Payable To	For	Amount
48	VWR International	Fluoride Standard (Lab) & Filters (100) (STP) (\$160)	190.67
49	Thomas & Elizabeth Weldon	Refund Excess Advance for Construction Over Actual Job Cost-1438 Indian Valley Rd-Upgrade to 1 "	201.76
50	Winzer	Grinding Discs (40)	359.70
51		Cafeteria Plan: Childcare Reimbursement	1,100.00
		TOTAL DISBURSEMENTS	<u>\$299,159.42</u>

The foregoing payroll and accounts payable vouchers totaling \$299,159.42 are hereby approved and authorized for payment.


3/31/15
 Auditor-Controller
 Date


3/31/2015
 General Manager
 Date

Katie Young

From: Connie Filippi
Sent: Friday, March 27, 2015 9:58 AM
To: Katie Young
Subject: FW: Recent Mtgs.

Katie:

Did I already give this to you?

Connie

From: David Bentley
Sent: Monday, March 09, 2015 4:24 PM
To: Connie Filippi
Cc: Jack Baker
Subject: FW: Recent Mtgs.

Connie
Please initiate compensation to Director Baker accordingly....David

From: jack baker [<mailto:jckbaker@gmail.com>]
Sent: March 09, 2015 2:11 PM
To: David Bentley
Subject: Recent Mtgs.

David,

Last Wednesday, 3/4, I joined representatives of Novato Sanitary District and other elected & staff participants from the NORTH BAY WATER REUSE PROGRAM in a trip to Sacramento to meet with various elected and administrative officials regarding current and future funding for projects within said program.

On Friday, 3/6, I represented our District at a meeting of the North Bay Watershed Association held at the Community Center in Petaluma.

Please initiate compensation for my participation in each of these **two** meetings.

Thank you
Jack Baker

DISBURSEMENTS - DATED MARCH 26, 2015

Date Prepared 3/24/15

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


Seq	Payable To	For	Amount
P/R*	Employees	Net Payroll PPE 3/15/15	\$121,050.29
EFT*	US Bank	Federal & FICA Taxes PPE 3/15/15	52,523.16
EFT*	State of California	State Taxes & SDI PPE 3/15/15	9,140.62
EFT*	US Bank	March Bank Analysis Charge (Lockbox \$912, Credit Card Processing \$602 & Other \$500) (Less Interest Credit of \$95)	1,919.72
1	All Star Rents	Propane (21 gal) (STP)	86.75
2	Alpha Analytical Labs	Lab Testing	565.00
3	American Family Life Ins	March Employee Contribution for Accident, Disability & Cancer Insurance	4,100.79
4	American Construction & Supply	Refund Security Deposit on Hyd Meter Less Final Bill	736.50
5	AT&T	Leased Lines	64.58
6	Bank of Marin	Loan Principal & Interest (Pynt 41 of 240)	46,066.67
7	Blue Mountain Air	Refund Overpayment on Closed Account	216.30
8	Buck's Saw Service	Gas Shut-off Valve ('73 Tilt-Trailer w/Welder)	17.77
9	CalPERS Retirement System	Pension Contribution PPE 3/15/15	43,088.56
10	CDW-Government	Battery Backups (\$409) (Accounting) (4) & RTU Battery Back-up (\$105)	515.44
11	Comcast	Feb & March Office Internet Connection (2/10- 4/9/15) & Initial Installation Fee (\$99)	397.04
12		Vision Reimbursement	100.00
13	Crouse, Janice	Refund Overpayment on Closed Account	35.95
14		Cafeteria Plan: Uninsured Medical Reimbursement	256.38


Seq	Payable To	For	Amount
15	Dick, Jon & Teresa	Novato "Washer Rebate" Program	50.00
16	Doyle, Sheriff Robert	Wage Assignment Order	111.42
17	E & M	Final Pymt: Software to Replace SCADA Alarm (STP) (Total Cost \$10,501)	7,445.18
18	Environmental Management	Rebuild Access Road to Wildhorse Tank (1,000')	2,400.00
19	Fisher Scientific	Cleaner (3 gal) (\$121), Latex Gloves (100), Phosphoric Acid (\$68), Sodium Standard & Silica Gel (\$72) (Lab)	338.67
20	Gaya, DB	Progress Payment #3: Tank Coating Inspection for Atherton Tank Rehabilitation (Balance Remaining on Contract \$21,220)	10,880.00
21	GHD	Progress Pymt#12: NMWD Aqueduct Relocation (Balance Remaining on Contract \$26,669)	1,319.00
22	Golden Gate Petroleum	Gasoline (\$2.92/gal) & Diesel (\$2.91/gal)	2,917.96
23	Grainger	Sander (\$223), Metal Stock for Meter Hooks & 3/4" Cylinder Hose (\$60)	313.32
24	Groeniger	Meter Stop (4) (\$287), Couplings (16) (\$244) & 1 1/4" PVC Pipe (700) (\$298)	828.40
25	Harrington Industrial Plastics	Adaptors (8) & Submersible Pump (\$171) (STP)	200.14
26	Home Depot	Trenching Shovels (4)	120.99
27	InfoSend	February Processing Fee for Water Bills (\$1,353) & Postage (\$3,906)	5,259.20
28	Kemira Water Solutions	Ferric Chloride (9 tons) (STP)	5,113.80
29	Knebel, Dee Bett	Refund Overpayment on Closed Account	39.63
30	Macdonald Architects	Progress Pymt#4: Engineering Services: Lynwood Pump Station (Balance Remaining on Contract \$11,656)	1,400.52
31	Drew McIntyre	Exp Reimb: Dec-Feb Mileage (\$196), Bike Counter & Bridge Toll	254.79
32	Missak-Maher, Nancy	Novato "Toilet Rebate" Program	300.00

Seq	Payable To	For	Amount
33	MSC Industrial Supply	Rotometers, Connector & Elbow Fittings (3) (STP)	39.92
34	Novato Sanitary District	Recycled Water Nov-Dec 2014	5,880.16
35	NTU Technologies	Dry Polymer (2,200 lbs) (STP)	6,468.00
36	Pace Supply	22" Elbows (2) (\$412), Hymax Coupling (\$347), Hex Nuts (42), Box Covers (2) (\$135), Bushings (2), 2' Nipples (10) (\$1,057), 4" Gate Valve (\$304), Hex Nuts (203) & Tapping Sleeves (2) (\$1,641)	4,049.85
37	Parkinson Accounting Systems	Feb Accounting Support (\$780) & Maintenance on Custom Programs (3/1-6/30/15) (\$1,519)	2,299.25
38	PDM Steel Service Centers	Square Tubing (4) & Flat Plates (10) (\$245)	370.60
39	Point Reyes Prop Mgmt Assn	March HOA Dues (25 Giacomini Rd)	75.05
40	Protection Engineering	Zinc Anodes (100)	4,799.27
41		Vision Reimbursement	218.03
42		Cafeteria Plan: Uninsured Medical Reimbursement	181.15
43		Cafeteria Plan: Uninsured Medical Reimbursement	882.92
44	City of Santa Rosa	Progress Pymt #1: NMWD Share of 2015 UWMP Technical Work	10,797.00
45	Sonoma County Water Agency	February Contract Water	256,026.93
46	SpeedTech Lights	New Light Bar ('10 F150)	446.61
47	Staples Business Advantage	Coffee (11 lbs) (\$41), Coffee Filters (240), Disinfecting Wipes (450), Cups (200), Creamer (4-22 oz), Sugar (3-20 oz) & Mouse Pad	117.59
48	State Water Resources Control	D2 Renewal (Lucchesi) (10/15-10/17) (Budget \$0)	60.00
49	Stempel, Susan	Novato "Cash for Grass" Program	400.00
50	TelePacific Communications	March Telephone Charges (Voice)	464.42
51	Thomas Scientific	Sterilization Monitors (Lab)	115.90

Seq	Payable To	For	Amount
52	Township Building Services	Feb Janitorial Services	1,588.84
53	U.S. Bank Credit Card	Batteries (\$39), Replacement Monitor (\$211) (Landeros), Facebook Advert-Water Conservation (\$101), Flowers for Employee (Kessler) (\$66), Wall Clock (Holton) (\$43), "Projections 2013" Publication (\$160) (DeGabriele), Birthday Breakfasts (\$185), Business Lunch (\$37) & Business Dinner (\$15)	856.37
54	Verizon California	Leased Line	44.79
55	VWR International	Phenylarsine Oxide (STP)	109.21
56	Wiley Price & Radulovich	Venegas Accommodation & Medical Separation	1,815.50
TOTAL DISBURSEMENTS			<u>\$618,281.90</u>

The foregoing payroll and accounts payable vouchers totaling \$618,281.90 are hereby approved and authorized for payment.

 3/23/15
 Auditor-Controller Date

 3/23/2015
 General Manager Date

DISBURSEMENTS - DATED MARCH 19, 2015

Date Prepared 3/17/15

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

Seq	Payable To	For	Amount
1	Agilent Technologies	'O' Rings (2) & Rear Seal (Lab)	\$49.28
2	Allied Electronics	RTU Parts	287.64
3	Alpha Analytical Labs	Lab Testing (Gallagher Well)	3,836.00
4	AT&T	Leased Lines	571.83
5	Automation Direct	Network Switches (3) (Yard Security Enhancements)	297.00
6	AWWA	Conference Registration (\$795) & Facility Tour (\$50) on June 7-10 in Anaheim (McIntyre)	845.00
7	Backflow Distributors	Repair Parts for Various DCDA's & Backflow Devices	1,562.15
8	Barrett, Peter	Novato "Toilet Rebate" Program	100.00
9		Vision Reimbursement	100.00
10		Vision Reimbursement	119.00
11	Borges & Mahoney	Membrane & Electrode (\$153) (STP)	216.11
12	Building Supply Center	Concrete (800 lbs) (\$65), Concrete Blocks (12), Hardware (\$132) & Hose Bib	253.63
13	California State Disbursement	Wage Assignment Order	811.50
14	Caltest Analytical Laboratory	Lab Testing (O.M.)	35.00
15	Cilia, Joseph	Exp Reimb: Label Making Tape	26.15
16	Clipper Direct	Commuter Benefit Program (Goodpaster & Chandrasekera)	186.00
17	Contractor Compliance &	Progress Pymt #3: Labor Compliance Services Atherton Tank (Balance Remaining on Contract \$9,750)	3,250.00

Seq	Payable To	For	Amount
18	Cummings Trucking	Sand (65 yds) (\$2,395) & Rock (65 yds) (\$3,337)	5,731.68
19	Davis, Paul B	Novato "Toilet Rebate" Program	100.00
20	Dawson, Tapley & Maggie	Novato "Washer Rebate" Program	50.00
21		Cafeteria Plan: Uninsured Medical Reimbursement	9.01
22	Diggs, James	Retiree Exp Reimb (March Health Ins)	966.79
23	Environmental Express	Conical Tubes (1,000) (\$283), Standards (2) & Filters (1,000) (\$337) (Lab)	699.84
24	Evoqua Water Technologies	Service on Deionization System (Lab)	221.80
25	Ferrando, Greg	West Marin "Cash for Grass" Program	400.00
26		Cafeteria Plan: Uninsured Medical Reimbursement	100.00
27	Fireman, Judy	Novato "Cash for Grass" Program	150.00
28	Forsyth, Robert	Novato "Toilet Rebate" Program	100.00
29	Froman, Renee	Novato "Cash for Grass" Program	360.00
30	GFS Chemicals	Turbidity Standards (STP)	390.00
31	Grainger	Atmosphere Tester (\$546) & Security Cameras for Yard (4) (\$6,441)	6,987.80
32	Harper, Donavan & Jessica	Novato "Toilet Rebate" Program	100.00
33	InfoSend	Print NMWD Freeze Alert Bill Stuffers (1,000) (\$795) & Insertion Fee (\$210)	1,005.14
34	Integra Chemical	Dechlorination Tablets (350 lbs) (STP)	5,625.00
35	Kreling, Matt & Tracy	Novato "Washer Rebate" Program	50.00
36	Kruger: Veolia Water	Apex Tips (6) (\$755) & Suction Side Liner (\$1,930) (STP)	2,685.74
37	Kuimelis, Hadezbah	Novato "Cash for Grass Rebate" Program	400.00
38		Vision Reimbursement	368.00
39	Lesley, Don	Novato "Cash for Grass" Rebate Program	400.00


Seq	Payable To	For	Amount
40	Lincoln Life	Deferred Compensation PPE 3/15/15	11,561.35
41		Cafeteria Plan: Uninsured Medical Reimbursement	238.61
42	Marin County Ford	Batteries (2) (\$252) ('99 F350), Oil Filters (2), Air Filter (2) & Wiper Blades (2)	384.47
43	Merrit, Mel	Novato "Pool Cover Rebate" Program	41.25
44	Moore, Doug	Retiree Exp Reimb (March Health Ins)	895.35
45	Morgan, Pat	Novato "Toilet Rebate" Program	100.00
46	Morton, Doug	Modification to Engineering Project Database	2,000.00
47	Nationwide Retirement Solution	Deferred Compensation PPE 3/15/15	1,325.00
48	Ness, Lavonne	Novato "Toilet Rebate" Program	100.00
49	North Marin Auto Parts	Chevrolet Motor Oil (3 gal) (\$56), Oil Filter, Motor Oil (4 qts), Fuel Filter, Back-up Alarm ('01 Forklift) (\$76), Electrical Toggle Switch, Circuit Breaker, Automotive Light Bulbs (30), Shop Gloves (600) (\$117), Rags (6 lbs) (\$119), WD 40 (1-12 oz), Sand Pads (6), Spark Plugs (4), Battery ('99 Forklift) (\$131), Gas Line Fitting, Hose End Fitting & Fuel Line (6")	639.80
50	North Bay Gas	Argon (\$337) (Lab) & Feb Cylinder Rental	478.90
51	Novato, City of	Street Excavation Moratorium Fee (37 Knolltop Ct)	500.00
52	Novato Disposal Service	February Trash Removal	432.54
53	Novato Sanitary District	FY 15 Semi-Annual Billing for Sewer Service (Admin Office/Yard)	1,736.37
54	Novato Chevrolet	Replacement Lower Seat (\$457) ('03 Chevy C1500), Heat/AC Control Unit (\$211) ('07 Chevy Silverado), Lower Seat Frame & Sensor Harness (\$205) ('03 Chevy 1500)	873.96
55	NTU Technologies	Anionic Polymer Emulsion (2,300 lbs) (STP)	3,703.00
56	Onorato, Charles	Novato "Toilet Rebate" Program	100.00

Seq	Payable To	For	Amount
57	Pace Supply	3/4" Unions (8) (\$103), 1" Bushings (8), Couplings (2) (\$278), Elbows (2) (\$245), Gate Valve (\$374) & 8" PVC Pipe (100) (\$934)	1,941.00
58	Paster, Pablo	Novato "Cash for Grass" Program	400.00
59	NMWD Petty Cash	Petty Cash Reimbursement	47.84
60	PG&E	Power: Bldgs/Yard (\$3,142), Rectifier/Controls (\$387), Pumping (\$13,249), Treatment (\$155) & Other (\$93)	17,026.34
61	Pini Hardware	Strip Outlet, Conduits (8), Hardware, Soil Conditioner, Angle Iron (6'), Batteries (54) (\$41) & 48" Shovels (12) (\$433)	559.68
62	Reitknecht, Desiree	Refund Overpayment On Closed Account	57.08
63	Roberts, Renee	Retiree Exp Reimb (March Health Ins)	966.79
64		Cafeteria Plan: Uninsured Medical & Childcare Reimbursement	767.39
65	Ryan Process	Remote Meter Panel Chlorinator (STP)	1,632.68
66	Sebastopol Bearing & Hydraulic	Tongue Jack & 3/8" & 1/2" Load Binders (4) (\$426)	464.45
67	Sequoia Safety Supply	Brief Relief Urine Bags (100) (\$231), Ibuprofen (150), Jackets (2) (\$127), Overalls (3) (\$117), Ibuprofen (100), Retainer Cords for Safety Glasses (20) (\$49), Safety Glasses (12) & Pre-Exposure Poison Oak Towellettes (50)	625.62
68	Shirrell Consulting Services	March Dental Insurance Administration Fee	293.80
69	Shoemaker Structural	Weld Trench Plates (54)	5,940.00
70	Sonoma County Water Agency	Conservation Program Support (10/1/14-12/31/14)	13,322.26
71	SPG Solar	Energy Delivered under Solar Services Agreement (2/1-2/28/15)	7,974.58
72	Syar Industries	Asphalt (6 tons)	733.93
73	Univar	Sodium Hydroxide (23, 879 lbs) (\$5,698) & Sodium Hypochlorite (200 gal) (STP)	6,057.47

Seq	Payable To	For	Amount
74	US Bank	February Safekeeping Fee-Treasury Securities	76.75
75	Vali Cooper & Associates	Progress Pymt #11: Construction Management Services for AEEP Reaches A-D MSN B3 Project (Balance Rem on Contract \$587,096)	53,581.36
76	Verizon California	Leased Lines	295.31
77	Verizon Wireless	Cellular Charges: Data (\$108) & Airtime (\$118) (19)	226.25
78	VWR International	pH Electrode Solution & Potassium Iodide (\$73) (STP)	142.09
79	Wright, Walter	Novato "Toilet Rebate" Program	100.00
80	Wyley, Mr. Gale	Novato "Toilet Rebate" Program	100.00
TOTAL DISBURSEMENTS			<u>\$177,890.36</u>

The foregoing payroll and accounts payable vouchers totaling 177,890.36 are hereby approved and authorized for payment.


 3/17/15
 Auditor-Controller Date

 3/17/2015
 General Manager Date

MEMORANDUM

To: Board of Directors

April 3, 2015

From: Dianne Landeros, Accounting Supervisor 

Subject: Presentation of GFOA Certificate of Achievement for Excellence in Financial Reporting
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RECOMMENDED ACTION: Information Only

FINANCIAL IMPACT: None

The Government Finance Officers Association (GFOA) has awarded the District a Certificate of Achievement for Excellence in Financial Reporting for our comprehensive annual financial report (CAFR) for fiscal year ended June 30, 2014. This is the sixth consecutive year the District has received this award. The GFOA states that this Certificate of Achievement is the highest form of recognition in governmental accounting and financial reporting, and its attainment represents a significant accomplishment by a government and its management. The brass medallion commemorating the award will be added to the plaque displayed in the District lobby.

The following staff members made significant contributions to this CAFR: Chris DeGabriele, David Bentley, Dianne Landeros, Nancy Holton, and Nancy Williamson.

MEMORANDUM

To: Board of Directors
From: David L. Bentley, Auditor-Controller
Subj: Update – Polybutylene Pipe Population
t:\aclword\pb\pb population update.docx

April 3, 2015

RECOMMENDED ACTION: None

FINANCIAL IMPACT: None

The District began using PB pipe in place of copper for its service line installations in fiscal year 1970/71. PB pipe sold for pennies on the dollar compared to copper, and was warranted to have the same life as copper. Commencing in the early 1980s the District began to recognize an increasing rate of premature failure in the PB service lines, primarily cracking and pinholes near the main and meter fittings, but also longitudinally along the center of the span. Response from the manufacturer was that the District was not installing the product correctly.

From 1971 through 1985, the District installed 6,143 PB services. In addition, 367 PB services that failed prior to 1986, before the problem was identified as a defective product, were replaced with new PB. Through Feb 28, 2015, the District suffered 2,614 service line failures and replaced 2,189 services on a pre-emptive basis (i.e., replacement prior to failure). Thus, there are 1,340 PB services remaining in the system.

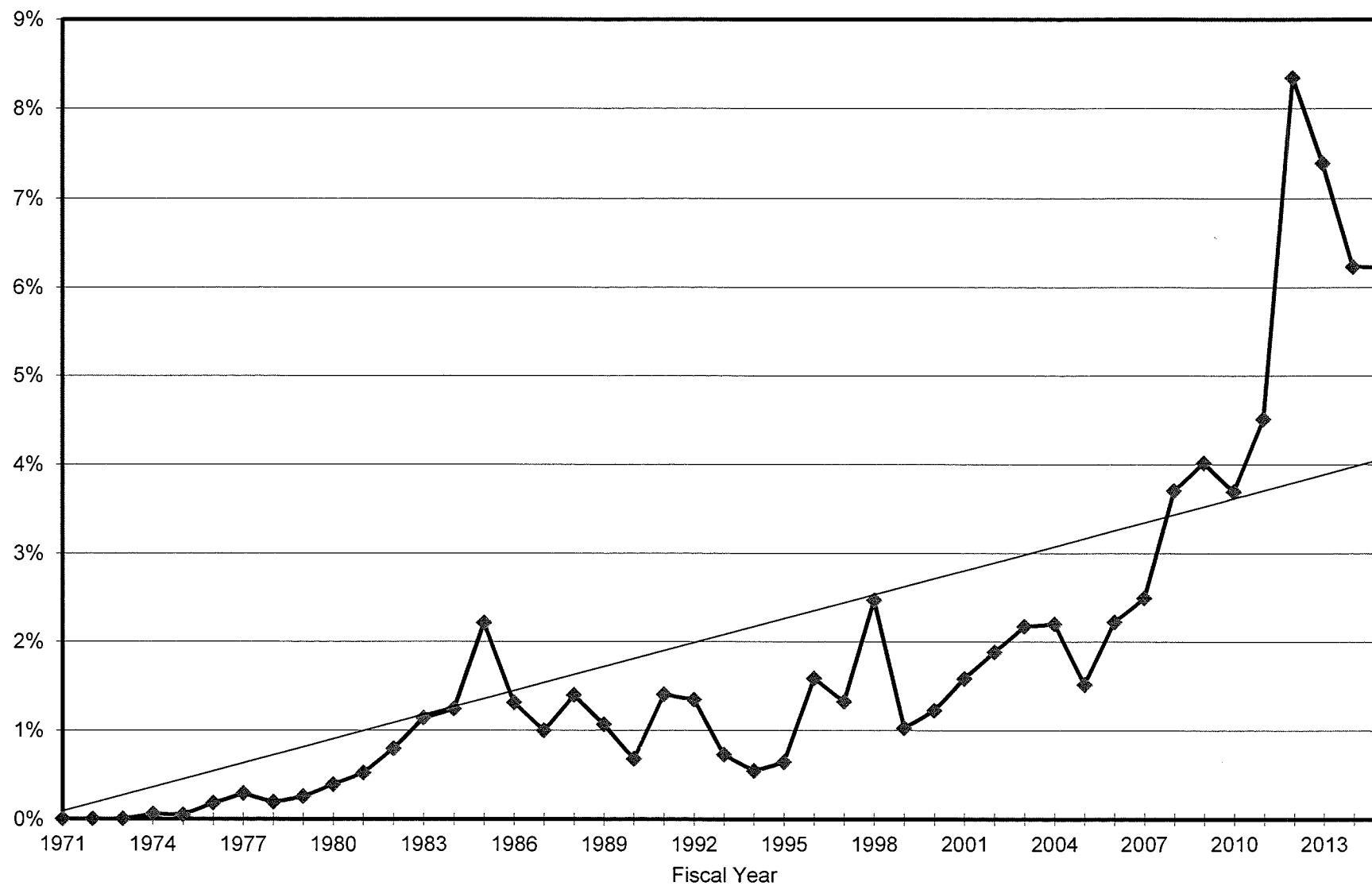
Estimated Future Damages

The District has replaced 78% of the installed PB pipe population. Attachment A shows that the PB pipe annual failure rate jumped to over 3% of the population beginning in FY08, jumped as high as 8% in 2012 and remains above 6% in 2015. Assuming the failure rate remains constant at above 3% and 85 services are pre-emptively replaced annually, the entire PB population will have been replaced by 2026 (Attachment B).

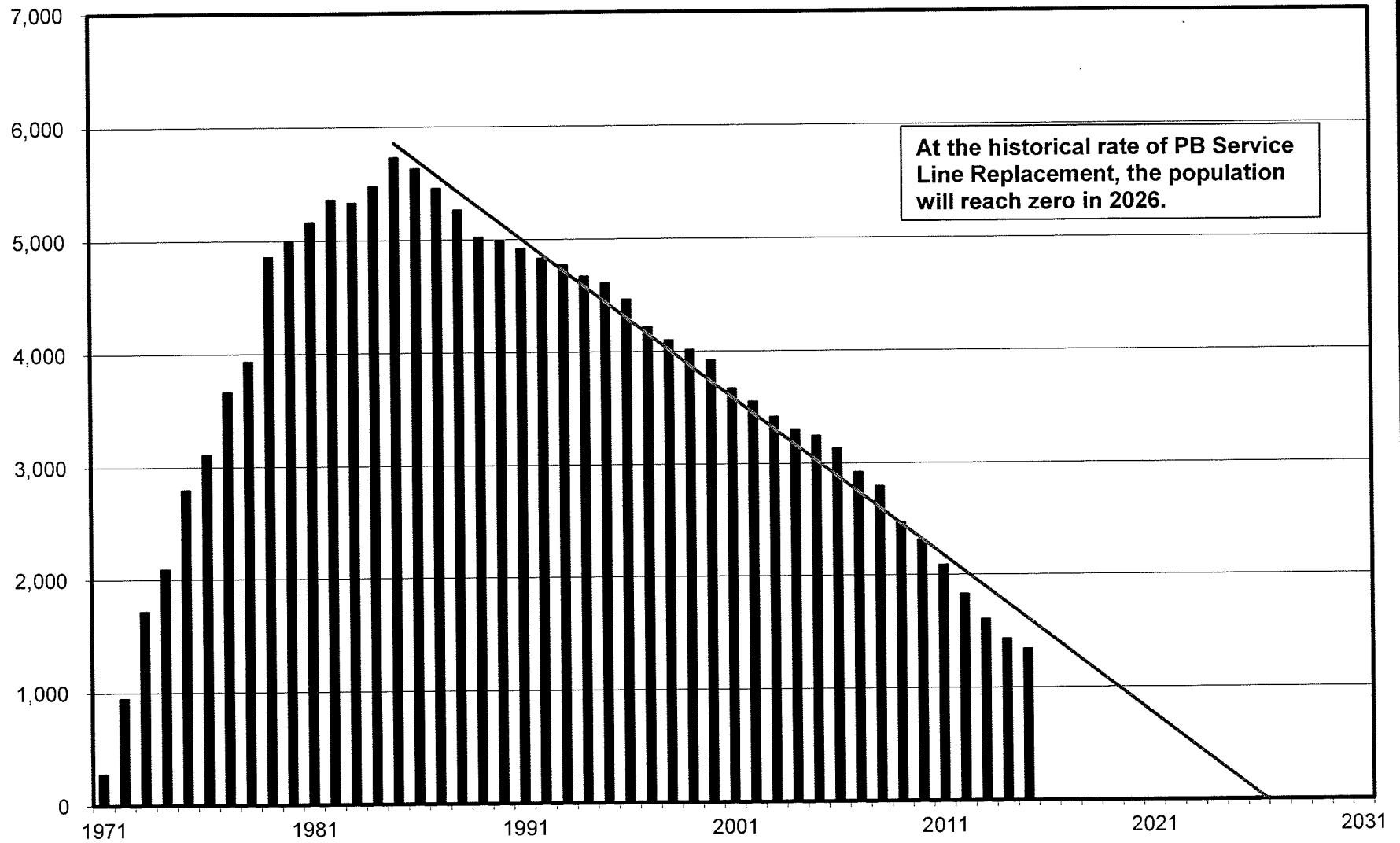
Path Forward

Note on Attachment C that the number of failures occurring annually over the past 25 years is trending upward, and averaged 120 per year over the past five years. This is a 52% increase over the prior 10-year period, suggesting that the pipe has reached the end of its useful life and that maintaining the planned replacement program is worthwhile.

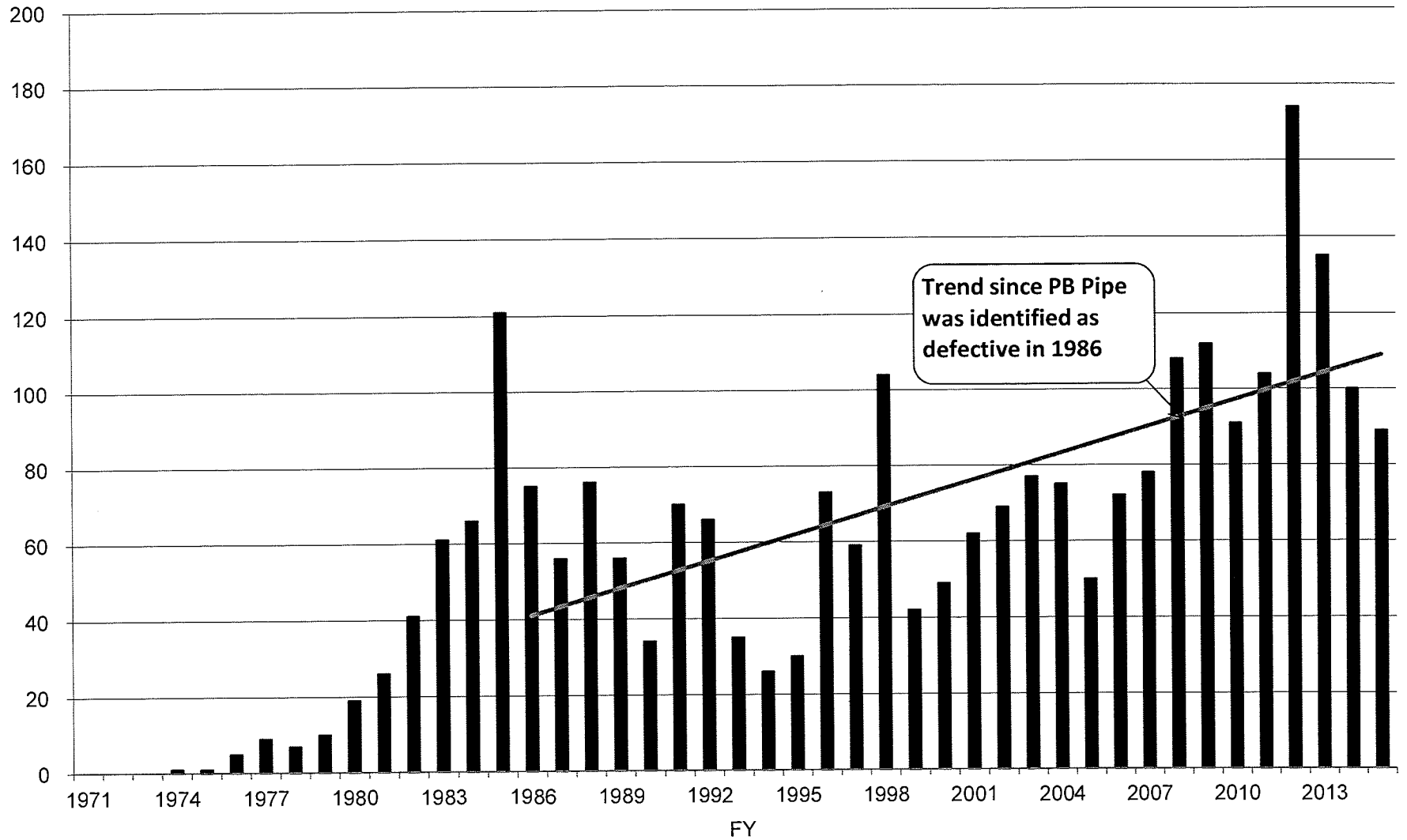
% of Polybutylene Pipe Population Failing by Fiscal Year



NMWD Polybutylene Pipe Service Line Population




Polybutylene Pipe Failures by Fiscal Year



MEMORANDUM

To: Board of Directors

April 3, 2015

From: Dianne Landeros, Accounting/HR Supervisor 

Subject: February 2015 Furniture/Equipment Auction Income

\\nmwserver1\administration\finance\memos\bod memo auction receipt february 2015.docx

RECOMMENDED ACTION: None

FINANCIAL IMPACT: \$10,210 Income

As reported to the Board in January, staff sent the items listed below to First Capitol Auction to be sold in February. In March, the District received \$10,210 in proceeds from that auction as detailed in the table below.

Equip. No.	Description	Est. Auction Value	Amount Received
	6 Office Desks	\$600	\$85
	4 Corner Unit Desks	\$400	
	2 End Tables	\$50	
	1 Metal bookcase	\$10	
	2 Partitions	\$50	
	26 Tapping Sleeves	\$260	\$50
#62	1993 Case Loader/Scraper 480F	\$7,000	\$10,500
	Less 4% Commission		(\$425)
	TOTAL	\$8,370	\$10,210

MEMORANDUM

To: Board of Directors

April 3, 2015

From: Dianne Landeros, Accounting/HR Supervisor

Subj: Direct Deposit of Disbursements
t:\finance\memos\bod vendor direct deposit update 2015.docx

RECOMMENDED ACTION: Information

FINANCIAL IMPACT: 2014 Savings = \$2,285

As a cost savings measure, beginning June 2011 the District implemented Direct Deposit (ACH) of disbursements to employees, retirees and Directors, and then in February 2012 to vendors paid more than once per year. The table below shows the total number of payments processed vs the number of ACH payments and the cost savings. This year the table was revised to include payroll ACH payments and checks.

Staff's goal was to reach \$1,350 savings and process 50% of disbursements by ACH. Our efforts last year have reduced check payments by 2,467, resulting in an annual savings of \$2,285¹ (170% of the \$1,350 goal). US Bank says that their clients are processing about 10-15% ACH payments; thus the District is well above the average of companies using ACH. Staff continues to encourage vendors to enroll in direct deposit; and all new vendors are asked to enroll. All new employees are required to enroll. We are adding about three vendors per month.

Time Period	Number of Months	Total Number of Payments	Number of ACH Payments	% of ACH Payments	Cost Savings ¹
June 2011 - January 2012	8	3,092	627	20%	\$568
February 2012 - January 2013	12	4,674	2,282	49%	\$1,988
February 2013 - January 2014	12	4,631	2,428	52%	\$2,017
February 2014 - January 2015	12	4,677	2,467	53%	\$2,285

¹ Savings calculated as cost of postage, check stock, envelopes + staff time stuffing envelopes & reconciling checks:

June 2011 - January 2013: postage, check stock, envelopes (\$0.63/check) + staff time (\$0.24/check) = \$0.87/check	AP
February 2013 - January 2014: postage, check stock, envelopes (\$0.63/check) + staff time (\$0.28/check) = \$0.91/check	
February 2014 - January 2015: postage, check stock, envelopes (\$0.65/check) + staff time (\$0.27/check) = \$0.92/check	
June 2011 - January 2012: check stock, envelopes (\$0.13/check) + staff time (\$0.79/check) = \$0.92/check	PR
February 2012 - January 2013: check stock, envelopes (\$0.13/check) + staff time (\$0.74/check) = \$0.87/check	
February 2013 - January 2014: check stock, envelopes (\$0.13/check) + staff time (\$0.65/check) = \$0.78/check	
February 2014 - January 2015: check stock, envelopes (\$0.13/check) + staff time (\$0.68/check) = \$0.81/check	

BOD MASC

CA-NV AWWA Governing Board

CA-NV AWWA is administered by an all-volunteer Governing Board, which is led by the **Section Chair** and includes the **Chair-Elect, Vice-Chair, Past Chair, Treasurer and Assistant Treasurer** and two **AWWA Directors** (collectively the Executive Committee). The **Executive Director** also sits on the Board as a non-voting member and serves as the secretary. Other members of the Governing Board include:

- Five **Program Directors**—representing *Conferences, Education, Government Affairs, Technical Programs and Certification*.
- Six **Trustees** elected at large.
- Six **Division Chairs**—*Business Administration, Operations and Maintenance, Operators, Water Distribution, Water Quality and Water Resources*.
- Nine **Standing Committee Chairs**.
- The **Chairs of the Manufacturers and Associates and Workforce Development** councils.

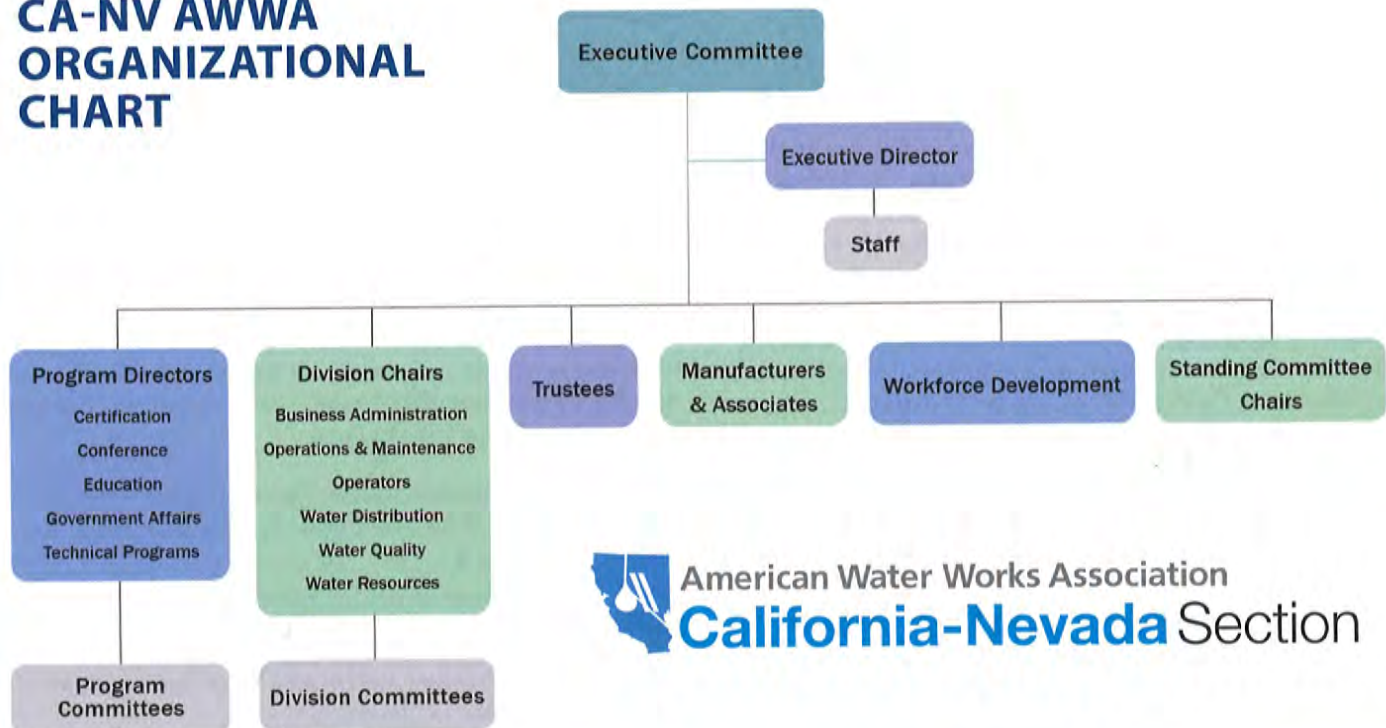
Trustees are recommended to the Executive Committee by the Personnel Selection Committee and approved by the Governing Board and the General Membership at the Section's Annual Fall Conference. They function as liaisons between the Board and the Section's six Divisions and between the Divisions and local water associations. The five **Program Directors** serve three-year terms and are responsible for the committees that operate under them, which they also chair. The two **AWWA Directors** are appointed to three-year terms. **Division Chairs** provide leadership



to the committees under them and typically serve one-year terms.

The members of CA-NV AWWA's Governing Board are responsible to the Section members. Their names and contact information are listed in the RESOURCE GUIDE's *Leadership Directory*. ♦

CA-NV AWWA ORGANIZATIONAL CHART



American Water Works Association
California-Nevada Section

EXECUTIVE COMMITTEE



Sue Mosburg
Sweetwater
Authority
Chair



Kirk Medina
City of North
Las Vegas
Chair-Elect



Heather Collins
Metropolitan WD
of So. California
Vice-Chair



Bruce Macler
USEPA
Past Chair



Philip Brun
City of Napa
AWWA Director



Steve Dennis
Alameda County
Water District
AWWA Director



**Katherine
(Kate) Nutting**
Golden State
Water Company
Treasurer



Tim Worley
CA-NV AWWA
Secretary

TRUSTEES



Tom Bloomer
DN Tanks, Inc.
**Business &
Administration**



Tanya Yurovsky
SRT Consultants
**Water
Distribution**



Joe Wong
Brown & Caldwell
Water Resources



Andrew DeGraca
San Francisco PUC
Water Quality



Joy Eldredge
City of Napa
Operators



Drew McIntyre
North Marin WD
**Operations &
Maintenance**



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Sun Valley Gen.
Imprvmnt. Dist.
Certification Dir.



Tammie Myers
Park Water
Company
Conference Dir.



Michael Gualtieri
La Habra Heights
Com. Water Dist.
Asst. Conference Dir.



Scott Rovanpera
City of Benicia
Water Department
Education Dir.



Erin Mackey
West Yost Assoc.
**Technical
Programs Dir.**

Missing: Rick Callender, Santa Clara Water District, Government Affairs Dir.

DIVISION CHAIRS



Christine Boyle
Valor Water
Analytics
Business Admin.



Todd Jorgenson
City of Riverside
Public Utility
Water Distribution



David Hokanson
Trussell
Technologies, Inc.
Water Quality



Brandy Hancocks
Golden State Water
Company
**Operations
& Maintenance**



Ken Heard
Operators

Missing: Thomas Birmingham, Brown and Caldwell, **Water Resources**

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Iron Pipe Co.
**Manufacturers &
Associates Council**



Fred Adjarian
Adjarian Consulting
Services
**Workforce
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District
Audit



Jim Elliott
Park Water
Company
Awards



Joe Guistino
Coastside County
Water District
Awards



Dawn White
Golden State Water
Company
Personnel Selection



Craig Thompson
West Yost Assoc.
**Safe Drinking
Water Act**



Issam Najm
Water Quality
& Treatment
Solutions, Inc.
SOURCE EAC



Destree Bascos
Collaborative
Services, Inc.
Water for People



Unity Oviasogi
ISWA
**Young
Professionals**

Missing: Rosemary Smud, American Cast Iron Pipe Co., **Membership**;
Stevan Palmer, Rural Community Assistance Corporation, **Small Water Utilities**

Committees: The Backbone of CA-NV AWWA

MUCH OF THE WORK OF CA-NV AWWA is accomplished through our committees. There are nine **Program Committees** under the supervision of individual Governing Board Directors (See the organizational chart on page 7); nine **Standing Committees**, represented as non-voting members on the Governing Board; and 27 **Divisional Committees** under the leadership of six Division Chairs. Once you locate the committee you would like to join or the member you want to contact, refer to the **Leadership Directory** in the back for contact information.

PROGRAM COMMITTEES

Education

Scott Rovanner, *Director*

Promotes education and training activities. Prepares and coordinates technical programs for the Water Education Seminars.

MEMBERS: Uzi Daniel, Destree Lazo Bascos, Darcy M. Burke, William "Bill" J. Cardinal, Heather L. Collins, P.E., Daniel G. Dambach, Michael T. Gravitt

Government Affairs

Rick Callender, *Director*; Asst. Directors: Edgar G. Dymally, Gary R. Lynch, David J. Rexing

Evaluates and responds to regulatory and other legislative matters directly affecting Section drinking water professionals, encouraging better water quality and service to the public.

MEMBERS: Chet E. Anderson, Janet Bell, Rob Bernheimer, Danielle Blacet, Stefan Cajina, Adam Carpenter, Shengder David Chang, PhD, Heather L. Collins, P.E., Jacques A. DeBra, Andrew F. DeGraca, P.E., Steve A. Dennis, Daria Evans-Walker, William C. Gedney, Beth Gentry, Erin Gilhuly, Phillip W. Holderness, David J. Huey, Bruce A. MacIer, John P. Marchand, Kirk D. Medina, Hoover H. Ng, P.E., Michael Nutt, Cathy C. Pieroni, Katie Porter, John Thiel, Craig M. Thompson, P.E., Tim Worley, Ronald E. Zegers, Peter Zhou, Rick Zimmer

Technical Programs

Erin Mackey, Ph.D., P.E., *Director*; Tarrah D. Henrie, *Assistant Director*

Prepares/ manages technical programs for CA-NV AWWA's Spring and Fall Conferences.

MEMBERS: Jack Bebee, William "Bill" J. Cardinal, Drew McIntyre, Patrick Sweeney

Certification Board*

Darrin Price, *Certification Director*

Directs administration of CA-NV AWWA's Certification programs.

MEMBERS: Benjamin C. Bennett, Stacie Goodpaster, William Granger, Tai Tseng

Backflow Prevention Assembly Tester/Cross-Connection Control Program Specialist Certification Committee.*

Benjamin C. Bennett, *Chair*

Responsible for the activities/promotion of the Certification program, including exam preparation and written and performance examinations.

MEMBERS: Henry W. Chang, Jeremy Cox, Jeffrey E. Flynt, Peter W. Peters, Marty A. Raburn

Water Operator Certification Committee*

Vacant, *Chair*

Responsible for the activities and promotion of the Water Treatment and Water Distribution Certification Programs.

MEMBERS: Tai Tseng, Darrin Price

Water Quality Lab Analyst Certification Committee*

Stacie Goodpaster, *Chair*

Responsible for the activities and promotion of the Water Quality Laboratory Analyst Certification Program.

MEMBERS: Claudia Hidahl, Lindsay Neun, Terry Powers, Paul Wagner

Water Use Efficiency Certification Committee*

William Granger, *Chair*

Responsible for the development and preparation of examinations.

MEMBERS: Angela S. Anderson, Cathleen Brennan, Scott W. Harris, Thomas H. Hawes, Francie Kennedy, Linda Yager

* Membership by Invitation

"It was satisfying to be a part of the dialogue on such a significant issue and to help educate others."

—Steve Bigley

Cr6 Technical Advisory Group

(See article on page 22)



STANDING COMMITTEES

Audit

Larry W. Lyford, *Chair*

Meets with the auditor, reviews audit reports, approves non-audit services provided by the audit firm. Appointed by the Section Chair.

MEMBERS: John Vega

Awards

James P. Elliott and Joe Guistino, *Co-Chairs*

Identifies and recommends candidates for national AWWA and CA-NV Section awards.

MEMBERS: Destree Lazo Bascos, Tom Bloomer, Philip L. Brun, Jr., Andrew F. DeGraca, P.E., Joy Eldredge, P.E., Don Kaiser, Bruce A. MacIer, Drew McIntyre, Rosemary Smud, Mark S. Soldati, Joe Wong, Tanya Yurovsky, P.E.

Membership

Rosemary Smud, *Chair*

Plans and implements program to stimulate membership and member retention.

MEMBERS: Jacques A. DeBra, Tom Bloomer, Philip L. Brun, Jr., Heather L. Collins, P.E., Steve A. Dennis, James P. Elliott, Joe Guistino, Drew McIntyre, Sue Mosburg, Katherine S. Nutting, Dawn R. White, Tim Williams

Personnel Selection

Dawn R. White, *Chair*

Selects candidates for elective or appointive office at the Association and Section level.

MEMBERS: Philip L. Brun, Jr., Steve A. Dennis, Kirk D. Medina, Sue Mosburg



Standing-Division

Safe Drinking Water Act

Craig M. Thompson, P.E., *Chair*

Makes water utilities and Section members aware of existing and proposed state and federal water quality regulations information via periodic seminars, CA-NV AWWA publications and programs at the annual conferences. Comments and makes recommendations to state and federal agencies on behalf of the Section.

MEMBERS: Colter Andersen, Chet E. Anderson, Kevin Barnes, David Beard, Richard A. Brown, Bruce Cabral, Rick Callender, Shengder David Chang, PhD, Douglas G. Chun, P.E., Heather L. Collins, P.E., Jacques A. DeBra, Andrew F. DeGraca, P.E., Steve A. Dennis, Edgar G. Dymally, Daria Evans-Walker, Wilbur Frehner, Steven M. Glazer, Phillip W. Holderness, David J. Huey, Katherine J. Lawson, Corine Li, Larry W. Lyford, Gary R. Lynch, Bruce A. Macler, Martin Manucharyan, Emily Moshier, Andrew Nguyen, Oliver Pacifico, P.E., Katie Porter, Darrin R. Price, Robert Rayner, Kevin Ryan, Andrea Seifert, Conrad D. Tona, Dawn R. White, Tim Worley, Charles W. Wulff, Jr., Marvin Young, Yan Zhang, Peter Zhou, Rick Zimmer

Small Water Utilities

Stevan Palmer, *Chair*

Identifies water quality and training needs of water systems serving less than 10,000 customers and plans and implement programs to meet these needs.

MEMBERS: Darcy M. Burke, Mike Conner, Dave Dewaulder, Will Fassler, Juan Guerreiro, Joe Guistino, David J. Harvey, Donald N. Hurdle, Keisuke Ikehata, Gerry LaBudde, Bruce A. Macler, Paul J. Rose, Jean A. Thompson-Ibbeson, John Ungvarsky, Ed Wasmer

Source Editorial Advisory

Issam Najm, *Chair*

Offers consult and direction on the editorial calendar and other issues related to the publication of Source magazine, the Section's Maggie Award-

"Being able to serve on the Cr6 Technical Advisory Group gave me a first-hand opportunity to make a difference on the impact the regulation would have on the customers we serve."

—Tarah Henrie

Cr6 Technical Advisory Group

(See article on page 22)



nominated magazine.

MEMBERS: Stefan Cajina, Uzi Daniel, Andrew DeGraca, Joy Eldredge, Willie Frehner, Bruce Macler, Arlene Post, Karen Synder, Tim Worley

Water For People

Destree Lazo Bascos, *Chair*

Develops awareness of global water issues and Section support for WFP projects and programs. Among other fund-raising activities, the committee has held a series of raffles and silent auctions during the Section's 2013 and 2014 annual conferences.

MEMBERS: Chet Auckly, Kathleen Auckly, Philip L. Brun, Jr., Nicholas Constant, Uzi Daniel, Ilka D. Dinkelman, Joy Eldredge, P.E., Kristy S. Fournier, Wilbur Frehner, Sophie M. James

Young Professionals

Unity E. Oviasogie

Develops programs of interest to young professionals in the drinking water industry to help them to become active participants of AWWA. Works with development of student chapters.

MEMBERS: Anthony Aliaga, Colter Andersen, Tom Bloomer, Hilary Ego, David Kehn, Jenna Mariano, Regina Story, Mike Violante

DIVISION COMMITTEES

BUSINESS ADMINISTRATION DIVISION

Christine E. Boyle, *Chair*

The Division's charge is to advance and disseminate knowledge to improve water utility financing, management, commercial and accounting practices and procedures.

MEMBERS: Tom Bloomer, Matthew Brown, Jeanne-Marie Bruno, Scott Curran, James P. Elliott, Richard L. Gerstberger, Jacqueline R. Glover, Rodney J. Greek, Mark Gwynn, P.E., Chris Melton, Sue Mosburg, Melody Parker

Communications and Customer Relations Committee

Emily Powell, *Chair*

The committee charge is being modified.

MEMBERS:

Destree Lazo Bascos, Michael Nutt



Financial Management Committee

Christine E. Boyle, *Chair*

Collects and disseminates information on water utility finance (both public and private), economics (including rate making) and risk management processes; presents papers at Section meetings/ conferences, publishes in AWWA publications.

MEMBERS: Joe Abrams, Rita Bell, Tom Bloomer, Philip L. Brun, Jr., Dale H. Burgoyne, Darcy M. Burke, Robert E. Clark, Jeanne Deaver, Michael E. DeGhetto, Christian Di Renzo, Frank Donato, James P. Elliott, Shana E. Epstein, John W. Farnkopf, Steven M. Glazer, Robert S. Grantham, Rodney J. Greek, Charlie Hoherd, Brian Jewett, Sanford Kozlen, Sudhir D. Pardiwala, Will Riggs

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Salinity Notice
 Reyes Light
 Pt.
 3/17/15

Chris DeGabriele, General Manager
 North Marin Water District

Date	Chloride	Sodium	Units
3/17/15	61	55	mg/L

*milligrams per liter

Salinity intrusion into the Point Reyes well supply serving the West Marin communities of Point Reyes, Olema, Inverness Park, and Paradise Ranch Estates has occurred beginning on September 16, 2014 and ground levels of 15-30 milligrams per liter (mg/L). The table below lists the most recent concentrations for sodium in the West Marin water supply.

Notice:

Light March 19, 26, April 2, 9, 2015
 Fictitious Business Name State-
 ment File No. 136866. The following person(s) is (are) doing business as: Mack Metal Works, 1945 E. Francisco Blvd., #39, San Rafael, CA 94901. This business is conducted by a general partnership; 01: Elizabeth Davis, 19 Park Rd., Fairfax, CA 94930; 02: Steven Mack, 19 Park Rd., Fairfax, CA 94930. This statement was filed with the County Clerk of Marin County on March 6, 2015, signed C. Sanchez, Deputy, Published in the Point Reyes Light March 19, 26, April 2, 9, 2015.
 Fictitious Business Name State-
 ment File No. 136906. The following person(s) is (are) doing business as: Sound Financial Strategies, 70 Mitchell Blvd., Ste 104, San Rafael, CA 94903. This business is conducted by an individual; James Williams, 4340 Redwood Hwy., Ste B60, San Rafael, CA 94903. This statement was filed with the County Clerk of Marin County on March 11, 2015, signed C. Sanchez, Deputy, Published in the Point Reyes Light March 19, 26, April 2, 9, 2015.
 Fictitious Business Name State-
 ment File No. 136774. The following person(s) is (are) doing business as: SOHO Video, 1 Blackfield Dr., #111, Tiburon, CA 94920. This business is conducted by a limited liability company; Soho Communications LLC, 1 Blackfield Dr., #111, Tiburon, CA 94920. This statement was filed with the County Clerk of Marin County on February 25, 2015, signed C. Sanchez, Deputy, Published in the Point Reyes Light March 12, 19, 26, April 2, 2015.
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Light March 12, 19, 26, April 2, 2015.
 Fictitious Business Name State-
 ment File No. 136888. The following person(s) is (are) doing business as: The Shop Olema, 9960 Shoreline Hwy, 1, Olema, CA 94950. This business is conducted by a married couple; 01: Valerie Yandel, 2232 Sir Francis Drake Blvd., Fairfax, CA 94930; 02: Jane Brooks, 2232 Sir Francis Drake Blvd., Fairfax, CA 94930. This statement was filed with the County Clerk of Marin County on March 6, 2015, signed M. Rabinovich, Deputy, Published in the Point Reyes Light March 19, 26, April 2, 9, 2015.
 Fictitious Business Name State-
 ment File No. 136872. The following person(s) is (are) doing business as: Point Reyes Light, 19, 26, April 2, 9, 2015.

The West Marin Newspaper War comes to an amicable end

By Paul Liberatore, *Marin Independent Journal*

marinij.com



Tess Elliott, editor of the Point Reyes Light, and her partner, David Briggs, the paper's photographer and graphic designer, work in their office in Inverness. They are buying the West Marin Citizen newspaper. Frankie Frost — *Marin Independent Journal*
Linda Petersen, editor, publisher and sole proprietor of the West Marin Citizen, talks to a friend in Point Reyes Station. Petersen is selling the paper. Frankie Frost — *Marin Independent Journal*



The West Marin Newspaper War is over. Almost.

At a time when most small towns are lucky to have one local newspaper, rural West Marin has been a media anomaly with two competing weeklies.

For the past eight years, the long-established Point Reyes Light and the upstart West Marin Citizen have been battling over readers and advertising

dollars, to the detriment of both.

They have both been consistently losing revenue, forcing them to cut staff and overhead in order to survive.

The Light, which made national news in 1979 when it won a Pulitzer Prize, isn't even in Point Reyes Station anymore. It had to move into cheaper quarters behind a restaurant in Inverness, a tiny residential/tourist enclave across Tomales Bay. After moving three times, the Citizen now shares an office with a real estate agency on a Point Reyes Station backstreet.

Unbeknownst to the public, negotiations have been quietly underway for the Light to buy out and shut down the Citizen, leaving West Marin with one newspaper again and ending nearly a decade of acrimony and divisiveness.

Both sides have signed a nondisclosure agreement, hoping to finalize the terms of the sale before announcing the news to the community. But the lid got blown off the private talks by a

March 12 blog post headlined “West Marin Citizen SOS: Plan to Scuttle the Citizen,” by Jim Kravets, a former editor of the Light who is also a co-founder and former editor of the Citizen.

“A tragedy is unfolding in West Marin,” he wrote, advocating for the Citizen to be sold to a buyer who would keep it in business. “A community resource built by hundreds of people is quietly but hastily shutting down.”

Kravets is proposing a contest in which people would write essays on what they would do with the Citizen if they owned it. Money to buy the paper would come from a \$100 entry fee.

“The winner would get a community newspaper in beautiful West Marin,” he said.

A week after the post, just 17 people commented on Kravets’ petition, not exactly overwhelming demand to keep two weak newspapers in West Marin.

‘The grandmother thing’

Although the buyout clearly benefits the Light, this is hardly a hostile takeover. It was initiated by Linda Petersen, the Citizen’s 67-year-old owner, publisher, business manager, sales rep, chief cook and bottle washer.

“That’s why I’m not going to do it anymore,” she sighed, clearly burned out. “What’s the point of me pushing on here when it’s getting more and more difficult to get the paper out each week.”

Once the deal is done, she plans on moving to Portland, Oregon, to be near her son and daughter and their two children.

Advertisement

“I want to do the grandmother thing,” she said.

She has signed a letter of intent to sell the Citizen to the Light for an as-yet undisclosed price. Kravets said she’s getting \$50,000, which she dismissed as “a wild guess.”

“Jim Kravets has no standing with either paper at this point,” she said, bristling. “He’s never seen a financial statement for either paper.”

In response to Kravets’ scoop, Petersen wrote an online letter to her readers, lamenting that he had “jumped the gun,” asking for their understanding and support and confirming that the Citizen will in all likelihood cease publishing before May 15. Subscriptions will be honored by the Light.

Creating a hybrid paper

Both papers have had distinctly different philosophies and styles. The Light, with two full-time reporters, specializes in hard news. The Citizen, pretty much a one-woman operation, focuses on softer stuff, publishing features and photos contributed by local residents.

They have often been at odds on hot-button local issues. Locals point to the recent controversy over the National Park Service's closure of the Drakes Bay Oyster Co. And they have engaged in what Petersen calls "not always friendly competition."

Twice in the past, attempts to merge the Light and the Citizen fell through. Tess Elliott, the 35-year-old editor of the Light, characterizes the buyout as being "in the spirit of a merger." She and Petersen envision a hybrid of the two papers, including in the new Light the folksy community journalism that has been the hallmark of the Citizen.

"We've watched them over many years, and we've seen that they have been successful in a lot of ways," Elliott said. "I need to talk to her contributors about how to incorporate them going forward, which is part of the vision of this."

The Plotkin problem

The deal has the blessing of Dave Mitchell, a former publisher of the Light who is considered the godfather of West Marin journalism.

"I'm very pleased," he said. "It's very hard for two weeklies in a place this small, splitting all the advertising, splitting all the readers, splitting all the subscriptions. There isn't enough population here to sustain two papers in the long haul."

Founded in 1948, the Light had been an institution in West Marin, especially after Mitchell won a Pulitzer in 1979 for his dogged coverage of the Synanon cult. After 28 years, he sold the paper for \$500,000 in 2005 to Robert Plotkin, a brash former Monterey County prosecutor who came to West Marin with a master's degree in journalism from Columbia University in Manhattan and an intense personality that was more Grand Central Station than Point Reyes Station.

The then-35-year-old newcomer immediately raised eyebrows when he announced that his goal was to turn the Light into "the New York Times of West Marin," a pretentious remark that signaled to the many educated, liberal readers of the Light that this arrogant outsider had an unrealistic view of what small town community journalism is all about.

Plotkin quickly confirmed those fears by running a lurid, oversized head shot of an accused psychotic rapist on the front page of the Christmas issue. He followed that with a politically incorrect page one headline that offended many readers as racist. It was all downhill from there.

"I was pretty disgusted with the Light after Plotkin took over," Mitchell said.

Competition from the Citizen

Plotkin so ticked off Joel Hack, editor and publisher of the Bodega Bay Navigator, that he launched the West Marin Citizen in 2007 to go head-to-head with the Light and its controversial new owner.

The Plotkin era lasted five acrimonious years, ending in 2010 when he sold the Light at a loss

to the Marin Media Institute, a nonprofit that included former Mother Jones editor Mark Dowie and biotech entrepreneur Corey Goodman, both West Marin residents.

With Plotkin out of the picture, Hack retired from the Citizen in 2011, turning over ownership to Petersen, who had been advertising director. She said he supports the sale as do several prominent business people who have been her staunch supporters.

"They think this the best solution for the community," she said. "At least now the Light will have a fighting chance to get more revenue and hire more help so one good paper can survive."

There is still an outside chance the buyout could go south. In West Marin, anything is possible. But already prominent figures are getting behind the imminent sale.

'It's time'

"I support the concept of one newspaper and I know this community can work together to support one newspaper," commented Amanda Eichstaedt, executive director and manager of KWMR, West Marin's community radio station. "It's time."

The Light has a complicated ownership structure that has confused many people in West Marin. In the complex arrangement, the nonprofit Marin Media Institute has an operating agreement with the Point Reyes Light Publishing Co., an unusual low profit limited liability company managed by a board of directors.

Elliott, who has been editor of the Light since 2007 and has full editorial control of its content, raised the money to buy the Citizen with her life partner and newsroom colleague, David Briggs, the paper's graphic designer and photographer. They have a 4-year-old son, Elliott.

"Already we're doing quite well," she said. "I think we've come out of a several year slump that began with Robert Plotkin, when we lost a lot of public support, with advertisers dropping out and going over to the Citizen. For years, people continued to not advertise with us on principle. That's really faded away a lot."

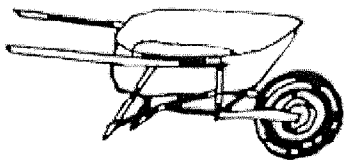
With no more direct competition, she has "modest hopes" the increased advertising revenue and readership will restore the paper to its past glory. And, with any luck, the Light may be able to afford to move back to Point Reyes Station, scene of its proudest moments and greatest accomplishments.

While many in West Marin are sorry to lose the Citizen and its popular editor, there has been little of the rancor that has divided people in the past.

"We don't need any more of that in this community," Petersen said as she prepares to let go of the Citizen and move on with her life. "I'm trying to promote peace and unity now."

Reach the author at liberatore@marinij.com or follow Paul on Twitter: @liblarge.

- Full bio and more articles by Paul Liberatore



INVERNESS ALMANAC

VOLUME ONE - NOW AVAILABLE

POINT REYES LIGHT

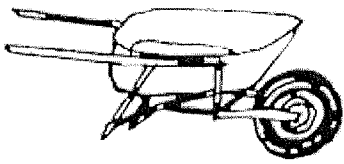
Point Reyes Light and West Marin Citizen negotiations

By Tess Elliott and David Briggs
03/19/2015

For the last eight years, we have published this newspaper alongside The West Marin Citizen, competing against it for advertising, readership and moral support. The Citizen, whose founders included former employees and contributors of the Light, is the longest-running competitor in our 67-year history. Over time, both its founding publisher and editor stepped away, and in recent years Linda Petersen assumed their roles, and became the paper's sole owner. She has continued its tradition of community news that so many people have treasured since 2007. This winter, Linda asked us if we wanted to buy her paper. She expressed her belief that our two newspapers could not ultimately survive in West Marin, where they strain to generate enough advertising, subscriptions and street sales revenue to pay staff and overhead expenses. She also felt that to come together in this symbolic way would set an example of community rapprochement. We agreed.

Tess Elliott and David Briggs, the editor and photographer/office manager of this newspaper, found the funding necessary to meet her offer, and are now drafting a contract. The two of us are contributing to the purchase, but we could not do it without a handful of local donors—the same that made the last sale of this newspaper possible—whose gifts come with no strings attached. We hope to complete the purchase next month. As has been true since 2010, our editorial team has been solely responsible for all editorial decision-making—there is no editorial board or secret hierarchy of control—and our business staff is responsible for all business decisions. Marin Media Institute, which a member of the Point Reyes Light Publishing Company (the newspaper's owner), has no editorial or financial role.

Last week a former Light and Citizen employee publicized our plans, and since then many of you have expressed sorrow at the loss of the Citizen. We understand. We want to do all we can to reach toward it editorially, inviting the voices that have found a place in its pages and incorporating lessons we have learned from its successes. This purchase, then, will be made in the spirit of a merger. Later this spring we will hold a community meeting so you can tell us what you want more and less of, and give any other feedback you may have. Our doors are open to your thoughts and suggestions.



INVERNESS ALMANAC

VOLUME ONE - NOW AVAILABLE

POINT REYES LIGHT

Huffman tries again to force Coast Guard sale

By Samantha Kimmey
03/19/2015

The Coast Guard housing complex in Point Reyes Station is once again on the federal agenda. On Tuesday, Congressman Jared Huffman re-introduced a bill to give Marin County the first option of purchasing the 30-acre property from the federal government, for use as affordable housing. The Coast Guard told the Light last year that it had decided to close the facility and was offering its employees housing vouchers to live where they please. The House bill was introduced in November, but failed. Kim Thompson, the executive director of the Community Land Trust Association of West Marin, which has led the campaign to secure the complex—which includes 36 townhouse-style units, a playground and tennis courts, but comes without a sewer or septic system—said the previous attempt was stymied by procedural issues. “But we believe there’s bipartisan support... We’re really encouraging Senator [Barbara] Boxer to introduce a companion piece” in the Senate, she said. If the bill fails again, the Coast Guard could put it up for public auction as soon as October. Ms. Thompson has secured 40 letters of support from local individuals and organizations, but is encouraging anyone interested to send her organization more letters, which she will forward to Rep. Huffman, Sen. Boxer and Sen. Dianne Feinstein. The county Board of Supervisors, which passed a resolution supporting similar legislation last year, would ultimately sell the property to CLAM.



Despite flush reservoirs, Sonoma County water officials stress need for conservation

on

As California confronts its fourth year of drought and the window for any significant spring rainfall closes, the North Coast has more water in storage than a year ago and is in better position than much of the state to meet its supply needs during the traditionally warm, dry months ahead.

Having endured a near-rainless January and a fourth consecutive winter with below-normal rainfall, local residents can thank several drenching days in December and February for bringing season-to-date rainfall to nearly 24 inches — the most in four years and just 8 inches shy of average for this date.

The total was enough to officially downgrade the drought in most of Sonoma County and all of Mendocino County from “extreme” to “severe,” according to the U.S. Drought Monitor federal index and map program. With the Sierra Nevada snowpack at a record low, two-thirds of the state remains in a state of “extreme” or “exceptional” drought.

That’s not to say, however, that the crisis is over on the North Coast, experts said. The strain on groundwater — the other major local source aside from reservoirs — has managers especially concerned. Pumping, by farmers especially, has outpaced groundwater replenishment from rainfall across much of the state. Sonoma County’s aquifers, while not as heavily tapped as those in the Central Valley, for example, are still under significant pressure. Conservation will continue to be key, water managers said.

“We’re not out of this thing by any stretch of the imagination, that’s for sure,” said Jay Jasperse, chief engineer and director of groundwater management for the Sonoma County Water Agency, wholesale supplier to more than 600,000 people in Sonoma and Marin counties.

The region’s main reservoir, Lake Sonoma, fed by a tributary to the Russian River, has more than 216,000 acre feet of water in storage, or about 88 percent of its water supply capacity. Last year at this time, the reservoir was at 72 percent of its capacity, according to the state Department of Water Resources.

To the north, at smaller Lake Mendocino, storage is nearly 65,000 acre feet, or 79 percent of water supply capacity. Last year at this time, it was at roughly 47 percent, according to state records.

The improved storage outlook is expected to provide some cushion — for drinking water, farming and recreational uses — but it’s important to remember that the benchmark this spring follows two exceptionally dry years, water officials said.

“It’s better than last year, but last year was very, very bad,” Jasperse said.

“We basically bought ourselves six months of breathing room,” Don McEnhill, director of the group Russian Riverkeeper, said of the few good winter storms — what meteorologists now call “atmospheric river events.”

“We’ll probably get through the summer,” said McEnhill, a veteran waterman who spends many hours paddling boats on the Russian River.

Emily Chase, office manager at SOAR Inflatables/Russian River adventures in Healdsburg, said even with less rain last year, her company ran trips through mid-November, the latest ever.

With more rain this year, “We’ll see what happens, but we’ll be running trips all season for sure,” she said.

Still, McEnhill and others warned against the kind of complacency evident in urban consumption figures released March 3, which demonstrated a steep decline in statewide conservation efforts once the December rains appeared and January rains did not.

While some cities, including Santa Rosa, Rohnert Park and the Mendocino County community of Redwood Valley, continued to conserve — using at least 20 percent less water than they did in the previous January, and meeting a reduction goal issued last summer by Gov. Jerry Brown — many other communities on the North Coast and statewide saw their consumption shoot up. The trend resulted in a shift from December, when water consumption statewide fell by 22 percent from December 2013, to a year-over-year January savings of just 8.8 percent, according to the state Water Resources Control Board. (The numbers do not include the smallest utilities, of 3,000 customers or less, which are not required to report usage.)

Consumers jumped the gun after the intense December storm, and then the rain stopped until mid-February, Jasperse said. “It should be a caution event to everybody — that switch turns off, and that we can’t predict that with any great level of foresight.”

Even now, the Water Agency and its municipal contractors are formulating new outdoor irrigation regulations that would restrict consumers to watering only on specific days of the week, in keeping with expanded statewide drought emergency rules adopted by the Water Resources Control Board earlier this month.

Among other measures to comply with state mandates, local cities and water districts already limit outdoor watering to night-time hours only, to limit evaporation.

Felicia Marcus, chairwoman of the state water board, said California residents also can expect “more significant” regulations to be developed in the months ahead to help the state prepare for the possibility of continuing drought.

In an interview last week, she said lessons from Australia, which recently emerged from a 13-year drought, show that it might be years before normal rainfall returns.

“I just think that people have to look at their water use assuming it’s not going to rain in the foreseeable future, and they need to look at what they’re using water for today as if they won’t have it tomorrow — either for fish, if that’s what motivates them, or for drinking water,” Marcus said.

Ranchers, grape growers and others who divert water from the Russian River have been on notice since January that those with junior water rights could face curtailments again this year, forbidding those with certain kinds of permits from diverting river water or pumping from wells connected to river flows. Last year, 652 permit holders north of Healdsburg were forced to stop withdrawing water for six months, unless they could claim rights under a different permit.

Katherine Mrowka, enforcement manager for the state Division of Water Rights, said Russian River diverters should not assume they will be curtailed this year because the watershed is in better condition than it was last year.

But she said it's hard to predict: Curtailment orders are determined by ongoing evaluations of stream-flow conditions and water demand, so conditions could warrant curtailments at any time, she said.

Though it's past time for the kind of "Miracle March" that in the past has rescued the region from drought, there's still hope for rain this spring.

Santa Rosa has received an average 3.74 inches of rain between April 1 and June 30 over the past 30 years — or about 10 percent of the normal amount for the season, National Weather Service meteorologists said.

But the likelihood of such weather diminishes with each passing day, and there is no precipitation predicted in the foreseeable future.

That's bad news for livestock ranchers like Joe Pozzi of Valley Ford who need ample spring rain to produce the grass that permits them to bring their sheep and cattle up to weight. The cost of hauling in hay, which is increasingly scarce and expensive due to drought, means some ranchers may end up selling off animals, he said.

Even though the reservoir levels were lower last year, at least there was some March rain to green up the pastures, said John Azevedo, president of the Sonoma County Farm Bureau.

Even a little rain does "a lot for soil moisture — just kind of maintenance, at the surface level, and, again, for pasture and grass growth, those are really good storms," he said.

But local agricultural interests, overall, are in better stead than they were last year, he said.

"Right now, we are in much better shape, I think, than most of the state, at least in the short term," Azevedo said. "That's the good news, with the reservoir levels and the rain that we have had. Thank goodness we're not dependent on a snowpack, because there isn't any anywhere."

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