



NORTH MARIN WATER DISTRICT
AGENDA - REGULAR MEETING
 November 3, 2015 – 7:00 p.m.
 District Headquarters
 999 Rush Creek Place
 Novato, California

Information about and copies of supporting materials on agenda items are available for public review at 999 Rush Creek Place, Novato, at the Reception Desk, or by calling the District Secretary at (415) 897-4133. A fee may be charged for copies. District facilities and meetings comply with the Americans with Disabilities Act. If special accommodations are needed, please contact the District Secretary as soon as possible, but at least two days prior to the meeting.

Est. Time	Item	Subject
7:00 p.m.	CALL TO ORDER	
	1. APPROVE MINUTES FROM REGULAR MEETING , October 20, 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	
	ACTION CALENDAR	
	5. Approve: Miller Pacific Engineering Group – Consulting Services Agreement	
	6. Approve: Update LAFCo Application to Normalize Irregular Water Service to Yee and Fontes	
	INFORMATION ITEMS	
	7. Water Conservation Quarterly Update (July-September 2015)	
	8. FY15-16 Quarterly Progress Report – Engineering Department	
	9. Administrative Civil Liability Complaint R2-2014-1024 Supplemental Environmental Project on Vineyard Creek Withdrawal	
	10. NBWRA Meeting Update – October 26, 2015	
	11. WAC/TAC Meeting – November 2, 2015	
	12. NBWA Meeting – November 6, 2015	
	13. MISCELLANEOUS	
	Disbursements	
	The Water Supply Reliability and Drought Protection Act of 2016 - \$4.895B	
	North Marin WD Dedicates the Aqueduct Energy Efficiency Project	
	<u>News Articles:</u>	
	Marin names interim parks chief	
8:15 p.m.	14. ADJOURNMENT	

All times are approximate and for reference only.

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

1

DRAFT
NORTH MARIN WATER DISTRICT
MINUTES OF REGULAR MEETING
OF THE BOARD OF DIRECTORS
October 20, 2015

CALL TO ORDER

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

Novato Residents Mike Jolly and Art & Patricia Ravicz, Jeffries Public Safety Consulting Employee Dave Jeffries, Christopher Brown of Fedak & Brown LLP, Mike Skowronek of Michael Baker International, and District employees Dianne Landeros (HR/Accounting Supervisor), Robert Clark, (Maintenance/Operations Superintendent) and Tony Arendell (Construction/Maintenance Superintendent) were in the audience.

MINUTES

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

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

NOES: None

GENERAL MANAGER'S REPORT

Office Relocation

Mr. DeGabriele advised the Board that he and David Bentley met with City of Novato staff on October 9th and discussed the City's continued interest in the District's property at 999 Rush Creek Place. He stated that the District promised to consider the City proposals for up to two years which will sunset at the end of this calendar year and if the City wants the District to continue to delay moving forward on the District's reconstruction, that the City should enter into an option agreement and pay the District to wait further. He advised the Board that he will prepare a draft agreement and bring it back to the Board at a future meeting.

C-SMART

Mr. DeGabriele informed the Board that he attended a C-SMART TAC meeting last week. He noted that C-SMART is planning another community workshop on November 14th at the Stinson

1 Beach Community Center which is intended to include more focused discussion on adaptation
2 strategies.

3 Emergency Water Conservation Regulations

4 Mr. DeGabriele stated that he participated in a conference call yesterday with a working
5 group established by the State Water Resources Control Board (SWRCB) about continuing their
6 Emergency Water Conservation Regulations beyond February 2016. He advised the Board that it's
7 not likely that the SWRCB can be turned around and allow the existing regulations to sunset, so this
8 group is proposing a regional approach to compliance.

9 25 Giacomini

10 Mr. DeGabriele reminded the Board that at the last meeting the Board authorized staff to
11 offer the District home at 25 Giacomini for rent. He noted that in the last three days there have been
12 individuals advocating for a family in West Marin to rent the home. He stated that it will be available
13 on November 1st and advised those folks to have the party apply when it is advertised for rent.

14 Notice of Public Hearing

15 Mr. DeGabriele informed the Board that Marin Municipal Water District (MMWD) issued a
16 Notice of Public Hearing for their rate increase which was mistakenly sent to District customers. He
17 stated that staff has added a message from MMWD apologizing for their error to the District
18 Facebook page and website.

19 OPEN TIME

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

22 STAFF/DIRECTORS REPORTS

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

25 Mr. McIntyre advised the Board that Art & Patricia Ravicz, homeowners at 45 Mendocino
26 Lane were in the audience and desired to address the Board regarding the consent item.

27 QUARTERLY FINANCIAL STATEMENT

28 Dianne Landeros presented the Quarterly Financial Statement for the Board's information
29 and advised that at the September 1st meeting staff evaluated financial performance with the
30 decreased water sales. She stated that a pro-forma financial statement assumed a 36% reduction in
31 sales compared to FY14 at that time. She advised the Board that the financial statement projected

1 a cash decrease that was \$2M more than budgeted. Mrs. Landeros advised that cost saving
2 measures totaling \$1.3M would be implemented immediately and after the first quarter of this fiscal
3 year projected annual water sales are running 32% below FY14, slightly better than the 36%
4 anticipated. She noted that with the \$1.3M in cost saving measures in place and updated
5 information through the first quarter of the fiscal year, staff now projects that the cash balance will
6 come in as budgeted.

7 **MONTHLY PROGRESS REPORT**

8 Mr. DeGabriele provided the Board with the Monthly Progress Report for September. He
9 stated that water production in Novato was down 25% compared to a year ago and 36% compared
10 to September 2013. He noted that in West Marin water production was down 18% compared to a
11 year ago and 25% compared to September 2013. Mr. DeGabriele stated that Lake Mendocino is
12 56% of capacity at 33,000AF and Lake Sonoma is at 72% capacity with 174,000AF. He advised the
13 Board that in Oceana Marin, the ponds are in good shape going into the winter months and that
14 there is nine feet of freeboard. Mr. DeGabriele informed the Board of the charts David Bentley
15 included in the agenda packet showing the comparison of water production. He stated that in the
16 Summary of Complaints and Service Orders, complaints were down considerably and that there
17 were fewer high bill complaints. He advised the Board that the Customer Service Questionnaire had
18 a good return of 27% and only received one negative response.

19 Mr. DeGabriele provided the Board with the Monthly Report of Investments, stating that at
20 the end of September the District had a cash balance of \$11.4M in the bank and the average
21 weighted portfolio return on investment was 0.6%.

22 **ACTION CALENDAR**

23 **45 MENDOCINO LANE EXTENSION**

24 Mr. McIntyre advised the Board that 45 Mendocino Lane homeowners are requesting a new
25 water facilities at their property. He stated that new water facilities include 80 feet of 6-inch main,
26 one residential fire hydrant, a 5/8" water service and a 3/4" double check valve. He noted that the total
27 cost of the project including connection fees is just under \$60K.

28 Pat Ravicz advised the Board that they need the District's, water at 45 Mendocino Lane
29 since their well is going dry. She stated that they have lived on the property for 53 years and she
30 stated that they are fortunate to be able to afford such an expensive improvement, but questioned
31 why they must pay for a new fire hydrant. Mr. McIntyre explained that the fire hydrant is a small part
32 of the total cost, and had the Ravicz's made the improvement in 2001 when they first approached

1 the District, it would have much less expensive as both construction costs and District connection
2 fees were much lower at that time.

3 On motion of Director Rodoni, seconded by Director Petterle, the Board approved the
4 authorization of the agreement and Resolution 15-23 entitled: "Authorization of Execution of High
5 Pressure Water Facilities Construction Agreement with Arthur and Patricia Ravicz" by the following
6 vote:

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

8 NOES: None

9 **OUTSIDE AUDITOR'S 2015 REPORT AND MANAGEMENT REPORT**

10 Dianne Landeros introduced Chris Brown of Fedak & Brown, the District's outside auditors
11 to present the Comprehensive Annual Financial Report and Management Report. Dianne also
12 acknowledged Jeff Palmer of Fedak & Brown who greatly assisted the District in navigating the new
13 GASB 68 requirements. Mr. Brown explained the audit process and results which include an
14 "unmodified" or "clean" opinion that the financial statements reviewed present fairly and in all
15 material respects the financial position of the District as of June 30, 2015. Mr. Brown advised that
16 there were no difficulties performing the audit and no disagreements with management. He reviewed
17 in detail the new GASB 68 and 71 requirements, which primary objective is to improve the
18 accounting and financial reporting for pensions. He stated that new items in the financial statements
19 to reflect these requirements include disclosure of net pension liability and deferred outflows and
20 inflows of resources. Mr. Brown informed the Board that the financial highlights include the District
21 net position increase of 3% over the year, operating revenue decreased 14.9% due primarily to
22 reduced water sales resulting from drought restrictions, operating expense decreased 6.3% due
23 principally to decreased water purchases and capital contribution increased 6.6% due primarily to
24 the Aqueduct Energy Efficiency Project construction.

25 On motion of Director Rodoni, seconded by Director Fraites, the Board accepted the Outside
26 Auditor's FY14/15 Financial Report and Management Letter as amended by the following vote:

27 AYES: Directors Baker, Fraites, Petterle, Rodoni & Schoonover

28 NOES: None

1 **NMFS DRAFT COASTAL MULTI-SPECIES RECOVERY PLAN – APPROVE CONSULTANT**
2 **SERVICES FUNDING FOR COMMENT RESOLUTION**

3 Mr. DeGabriele provided a letter from National Marine Fisheries Service responding to the
4 District's comments made on the draft Coastal Multi-Species Recovery Plan. He stated that the
5 Recovery Plan continues to recommend Novato Creek in the Coastal San Francisco Bay Diversity
6 Stratum for steelhead and a target of 1,300 adult steelhead in Novato Creek to be delisted. He
7 advised that Board that what was more troublesome is that the plan continues to include a
8 recommendation for fish passage above Stafford Dam. Mr. DeGabriele informed the Board that the
9 District has one more opportunity to make its case that passage above Stafford Dam is not
10 reasonable as the public comment period will close on December 4th. He requested that the Board
11 approve paying a fisheries consultant to up to \$10K to support resolution of District comments on
12 the subject recovery plan.

13 Director Fraites asked if there was a history of spawning activity above the dam. Mr.
14 DeGabriele replied that there was history before the dam was constructed.

15 On motion of Director Fraites, seconded by Director Petterle, the Board authorized the
16 General Manager to enter into a Consulting Services Agreement up to \$10,000 to support
17 Resolution of NMWD Comments on the NMFS Coastal Multi-Species Recovery Plan.

18 AYES: Directors Baker, Fraites, Petterle, Rodoni & Schoonover

19 NOES: None

20 **INFORMATION ITEMS**

21 **SUSTAINABLE GROUNDWATER MANAGEMENT ACT IN SONOMA COUNTY**

22 Mr. DeGabriele provided the Board with an informational report on the Sustainable
23 Groundwater Management Act in Sonoma County. He reminded the Board that approximately one
24 year ago Sonoma County Water Agency's Chief Engineer Jay Jasperse made a presentation on the
25 Sustainable Groundwater Management Act to the District Board. He informed the Board that last
26 Tuesday, the Sonoma County Water Agency (SCWA) Board unanimously approved forming
27 Groundwater Sustainability Agency's for each of the three groundwater basins in Sonoma County
28 that fall under the Sustainable Groundwater Management Act requirement (Sonoma Valley,
29 Petaluma Valley and Santa Rosa Plain). Mr. DeGabriele noted that as currently proposed
30 Groundwater Sustainability Agencies in each basin will be made up of public agency participants
31 including SCWA and the County of Sonoma and the cities or water districts included within each
32 basin. He stated that advisory panels are also anticipated to be formed including representatives
33 from stakeholders not affiliated with the various public agencies.

1 President Baker requested further information on the North Bay Water District which is
2 identified as a possible participant in the Sonoma Valley and Petaluma Valley Groundwater
3 Sustainability Agencies.

4 **MISCELLANEOUS**

5 The Board received the following miscellaneous items: Disbursements, 2016 Medical Plan
6 Cost Increase, FY16 1st Quarter Self-Insured Workers Compensation Report, FY16 1st Quarter
7 Labor Cost Report, STP Solar Power Facility – 3rd Year Status Report, and Sonoma-Marín Saving
8 Water Partnership Wins 2015 WaterSense Partner of the Year Award.

9 The Board also received the following news articles: Marin water savings over summer stay
10 ahead of state-mandated goals, and Legislation to Improve Weather Forecasting for Water
11 Management Singed by Governor Brown.

12 The Board received the following items at the Board meeting: a letter from
13 Assemblymember Jim Wood regarding the Sonoma-Marín Saving Water Partnership receiving the
14 WaterSense Partner of the Year award, the Presentation of 2015 Audit Results and the following
15 news article: North Bay water provider says region needs better planning.

16 **CLOSED SESSION**

17 President Baker adjourned the Board into closed session at 8:18 p.m. in accordance with
18 Government Code Section 54957 for Consultation with security consultant on matters posing a
19 threat to security of essential public services.

20 **OPEN SESSION**

21 Upon returning to regular session at 8:58 p.m., President Baker stated that on motion of
22 Director Petterle, second by Director Schoonover the Board accepted the 2015 Stafford Dam
23 Emergency Action Plan Final Report during the closed session by the following vote:

24 AYES: Directors Baker, Fraites, Petterle, Rodoni & Schoonover

25 NOES: None

26 **ADJOURNMENT**

27 President Baker adjourned the meeting at 8:59 p.m.

28 Submitted by
29
30

31
32 Katie Young
33 District Secretary
34

2

3

4

5

MEMORANDUM

To: Board of Directors

Date: October 30, 2015

From: Drew McIntyre, Chief Engineer

Subject: Miller Pacific Engineering Group – Consulting Services Agreement

R:\NON JOB No ISSUES\Consultants\MPEG\FY15-16\Agmts_BOD Memos\MPEG FY15_16 genl servs contract agmt_15 BOD memo.doc

RECOMMENDED ACTION: Authorize the General Manager to execute a new General Engineering Services agreement for Consulting Geotechnical Services between NMWD and Miller Pacific Engineering Group with a not-to-exceed limit of \$60,000.

FINANCIAL IMPACT: \$60,000

Attached is an agreement for Miller Pacific Engineering Group (MPEG) to provide continuing FY15 and FY16 outsourcing support. MPEG has a long and proven track record with the District of providing high quality and responsive services at reasonable cost. To best meet project demands, a General Engineering Services Agreement is desired with individual task orders on a job-by-job basis.

A summation of contract billings for MPEG general engineering services (exclusive of Recycled Water Facility & Pipeline services) for the last five years is provided as follows:

TABLE I

Contract Issuance Year	Billing Year	Total Billings
FY14	FY13 & 14	\$48,504
FY13	FY12 & 13	\$18,032
FY11	FY11 & 12	\$30,118
FY10	FY10 & 11	\$16,904
FY09	FY10	\$19,052

A cost breakdown for the \$60,000 FY14 contract by task is summarized as follows:

TABLE 2

Starting FY14 Contract Amount	\$60,000
Carryover balance from FY13 Contract	\$5,161
Amended Balance	\$65,161
Projects (billings to date)	
RW Central Service Area Expansion	<\$27,000>
Gallagher Well Pipeline	<\$9,633>
Atherton Tank	<\$4,333>
Olema Pump Station	<\$3,000>
Ridge Rd Main Break	<\$2,586>
Misc. Backfill Testing	<\$1,951>
Remaining Balance on Contract	\$16,657

The total billings under the FY14 contract are \$48,504 leaving a balance of \$16,657 on the contract. It is important to note that although there is \$16,657 left on the contract, there is an

outstanding amount of allocated funds for open task orders in the amount of \$11,348, leaving a balance of \$5,195 of unallocated funds on this contract.

One of the first task orders to be funded through this Agreement will be for the Recycled Water Central Service Area Expansion – Norman Tank Seismic Foundation Design. This first task order will be approximately \$10,000.


RECOMMENDATION

Authorize the General Manager to execute a new General Engineering Services agreement for Consulting Geotechnical Services between NMWD and Miller Pacific Engineering Group with a not-to-exceed limit of \$60,000.

6

MEMORANDUM

To: Board of Directors Date: October 30, 2015

From: Drew McIntyre, Chief Engineer 

Subject: Update on LAFCo Application to Normalize Irregular Water Service to Yee (APN 019-320-010, 3350 Petaluma Blvd. South) and Fontes (APN 019-320-021, 3357 Petaluma Blvd. South)

R:\Folders by Job No\2700 jobs\2736\Yee_Fontes 11_3_2015 BOD MEMO.doc

RECOMMENDED ACTION: Information only

FINANCIAL IMPACT: None

Background

On March 7, 2006, the Board was first apprised of the proposed Dutra Haystack Landing Asphalt and Recycling Facility (Dutra) project via a Sonoma County Notice of Preparation of Draft Environmental Impact Report. At the March 16 2007 meeting, staff advised the Board that Dutra's one-inch water meter (set in 1966 to serve a dairy operation) was also being used to provide water service to two adjacent parcels (Mr. Yee and Mr. Fontes as shown in Attachment 1). Staff subsequently contacted Mr. Yee (APN 019-320-010) who reported that both his parcel and the Fontes parcel (APN 019-320-021) had been receiving water from the Dutra meter since it was originally installed in 1966 (and prior to that date via spring water from the Dutra parcel). At the December 16, 2008 meeting, the Board approved moving forward with normalizing said two services subject to: (1) payment of required District fees, (2) acquiring necessary private water line easements for continued service from new meters (to be located on the east side of the railroad tracks at the end of NMWD's existing pipeline as shown in Attachment 1), (3) Local Agency Formation Commission (LAFCo) approval, and (4) execution of new Outside Water Service Agreements.

Payment of District Fees

Both applicants have paid connection fees. Meter install fees will be paid after LAFCo approval.

Easements

Private utility easements have now been obtained.

LAFCo Approval Status

At the June 30, 2015 meeting, the Board approved submission of said LAFCo application and corresponding letter of support (Attachment 2).

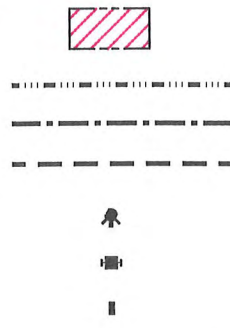
LAFCo has two mechanisms available to accommodate the Yee and Fontes request to formalize existing water service: (1) amend NMWD sphere of influence, or (2) make a determination of a public health/safety threat. The latter mechanism is more timely and addresses the imminent need to establish independent metered services separate from the Dutra Haystack Landing parcel. Accordingly, staff submitted a request to establish said service independent from the Dutra parcel to abate any potential health and safety threat to the residents (Attachment 3). LAFCo will consider this request at their November 12, 2015 meeting.

Jun 23, 2015 3:34pm W:\JOB\WISC\Presentation\petaluma blvd FOR YEE & FONTES.dwg User: ACANTILLER



LEGEND:

- SERVED BY NORTH MARIN WATER DISTRICT
- SCWA KASTANIA PIPELINE
- CITY OF PETALUMA PIPELINE
- NMWD PIPELINES
- FIRE HYDRANT
- MASTER METER
- SINGLE SERVICE METER



NO.	DATE	REVISION			BY APP.
NORTH MARIN WATER DISTRICT NOVATO, CALIFORNIA					
SOUTH PETALUMA BOULEVARD NMWD OUTSIDE DISTRICT CUSTOMER					
DES	DR	CH	SCALE : 1"=1'-0"		
	AC	DM	DATE : 10/31/11		
APPROVED: CHIEF ENGINEER			SHEET NO. : 1 OF 1 SHEETS		
R.E. C40936			SEP ARI		



**NORTH MARIN
WATER DISTRICT**

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

PHONE
415.897.4133

FAX
415.892.8043

EMAIL
info@nmwd.com

WEB
www.nmwd.com

Keene Simonds
Marin LAFCO
555 Northgate Drive, #230
San Rafael, CA 94903

July 13, 2015

RE: NMWD Support for Outside Water Service to Yee and Fontes Parcels
APNs 019-320-010 and 019-321-021
NMWD Files 1 2736.00 and 1 2738.00

Dear Gentlemen:

At the North Marin Water District's July 30, 2015 meeting the Board authorized approval of the LAFCO Application to normalize outside water service agreements for the above referenced parcels.

The purpose of the LAFCO request is to formalize existing potable water services to the affected lands established through an informal arrangement between District customers and the landowners in the 1960s.

Should you have any questions regarding this matter please contact Drew McIntyre at your convenience at 1-415-761-8912.

Sincerely,

Chris DeGabriele
General Manager

cc: Drew McIntyre, Chief Engineer
Dale White, White & Prescott
Leang Yee
Mike Fontes

DM:tk
r:\folders by job no\2700 jobs\2736\2736 2738 lafco app 7.2015.doc

**PETITION FOR PROCEEDING
PURSUANT TO
THE CORTESE-KNOX-HERTZBERG
LOCAL GOVERNMENT REORGANIZATION ACT OF 2000**

The undersigned hereby petition(s) the Marin Local Agency Formation Commission for approval of a proposed change of organization or reorganization and stipulate(s) as follows:

1. This proposal is made pursuant to Part 3, Division 3, and Title 5 of the California Government Code (commencing with Section 56000, Cortese-Knox-Hertzberg Local Government Reorganization Act of 2000).
2. The specific change(s) of organization proposed (i.e., annexation, detachment, reorganization, etc.) is/are: _____
Outside service agreement
3. The boundaries of the territory(ies) included in the proposal are as described in Exhibit(s) A and B attached hereto and by this reference incorporated herein.
4. The territory(ies) included in the proposal is/are:
☐ inhabited (12 or more registered voters) **or**
☒ uninhabited.
5. This proposal ☒ is ☐ is not consistent with the sphere(s) of influence of the affected city and/or district(s).
6. The reason(s) for the proposed Agreement (annexation, detachment, reorganization, etc.) is/are: _____
To continue to provide water service for these two parcels
7. The proposal is requested to be made subject to the following terms and conditions: None
8. The persons signing this petition have signed as:
☐ Registered voters **or**
☒ Owners of the land.

Chief Petitioners (not to exceed three):

<u>DATE</u>	<u>PRINTED NAME</u>	<u>SIGNATURE</u>	<u>RESIDENCE ADDRESS</u>
1, Lee Yee			
2, Mike Fontes			
3,			

MARIN LAFCO
APPLICATION QUESTIONNAIRE

Save Form Print
Reset Form

In accordance with requirements set forth in the California Government Code, the Commission must review specific factors in its consideration of this proposal. In order to facilitate the Commission's review, please respond to the following questions:

I. GENERAL INFORMATION

1. Please check the method by which this application was initiated:

- ☐ Resolution of Application
☒ Petition

2. Does the application possess 100% written consent of each property owner in the subject territory? Yes ☒ No ☐

3. A. Application is submitted for the following boundary change:
(BE SPECIFIC; i.e., "annexation," "reorganization".)

Outside Service agreement to allow the North Marin Water District to serve these two parcels.

B. The reason the proposed action(s) has been requested:

(BE SPECIFIC; i.e., "annexation to sewer district for construction of three homes")

Outside Service agreement to provide water service to these two parcels.

4. State general location of proposal:

1600 feet southeasterly of Landing Way near Petaluma.

5. Is the proposal within a city's boundaries?

Yes ☐. Which city? _____
No ☒. If the proposal is adjacent to a city, provide city name: _____

6. Is the subject territory located within an island of unincorporated territory? Yes ☐ No ☒
Indicate city, if applicable: _____

7. Would this proposal create an island of unincorporated territory? Yes ☐ No ☒. If yes, please justify proposed boundary change: _____

8. Provide the following information regarding the area proposed for annexation:
(Attach list if necessary.)

A. Assessor's Parcel Number(s)

19-320-10

19-320-21

Site Address(es)

Unknown

Unknown

B. Total number of parcels: 2

9. Total land area: 1.27 Acres

II. LAND USE AND DEVELOPMENT POTENTIAL

1. Describe any special land use concerns: _____
None

2. Indicate current land use:
(i.e., number of dwellings, permits currently held, etc.)

One dwelling exists on each parcel

3. Indicate the current zoning (either city or county) title and densities permitted:

LC - Limited Commercial for both parcels

There are no density restrictions because the zoning is commercial.

4. Has the area been rezoned? No ☒ N/A ☐ Yes ☐
What is the rezoning classification, title and densities permitted? _____

5. Describe the specific development potential of the property:
(Number of units allowed in zoning.)

One dwelling allowed on each parcel

III. ENVIRONMENT

1. Is the site presently zoned or, designated for, or engaged in agricultural use?

Yes ☐ No ☒

If yes, explain: _____

2. Will the proposal result in a reduction of public or private open space?

Yes ☐ No ☒

If yes, explain: _____

3. Will service extension accomplished by this proposal induce growth in:

A. This site?	Yes <input type="radio"/>	No <input checked="" type="radio"/>	N/A <input type="radio"/>
B. Adjacent sites?	Yes <input type="radio"/>	No <input checked="" type="radio"/>	N/A <input type="radio"/>
C. Unincorporated?	Yes <input type="radio"/>	No <input checked="" type="radio"/>	
D. Incorporated?	Yes <input type="radio"/>	No <input checked="" type="radio"/>	

4. State general description of site topography: _____

Both parcels are slightly sloping toward the Petaluma River.

5. Indicated Lead Agency for this project: _____

NA

6. Indicate Environmental Determination by Lead Agency: None

with respect to (indicate project) _____

dated _____

(COPY OF ENVIRONMENTAL DOCUMENTS MUST BE SUBMITTED WITH APPLICATION.)

Please provide the names and addresses of persons who are to be furnished copies of the Agenda, Executive Officer's Report, and Notice of Hearing:

<u>Name</u>	<u>Address</u>
Lee Yee	P.O. Box 2006 Petaluma, CA 94953
Mike Fontes	533 Easterby Avenue, Sausalito, CA 94965
Dale White, White & Prescott	1620 Grant Avenue, Novato, CA 94945

Name and Address of Applicant: Lee Yee (above) Mike Fontes (above)

Telephone Number: H (707) 326-6935 W (707) 763-2372

Mike Fontes
Signature

JUNE 16, 2015
Date

Lee Yee
Signature

JUNE 16, 2015
Date

Exhibit A
Outside Service Agreement
for the
North Marin Water District

File # xxxx
Mapping No. xxxx

Beginning at the westerly corner of that certain parcel of land conveyed to Leang S. Yee, Trustee, by Grant Deed recorded June 1, 2000, as Recorder's Document No. 2000-054288, Sonoma County Records;

- 1.) thence, along the northwesterly line of said parcel, North 40° 31' 00" East 113.0 feet, more or less, to the high water line on the southwesterly side of Petaluma Creek;
- 2.) thence, along the southwesterly high water line of said creek, South 56° 13' 21" East 197.8 feet, more or less, to an angle point in the boundary of that certain parcel of land conveyed to Mary L. Fontes, Trustee, by Grant Deed recorded August 9, 2004 as Recorder's Document No. 2004-122731, Sonoma County Records;
- 3.) thence, along the boundary of said Fontes parcel, South 55° 33' 00" East 66.0 feet;
- 4.) thence South 37° 07' 00" East 106.0 feet;
- 5.) thence East 23.1 feet;
- 6.) thence South 85.9 feet, more or less;
- 7.) thence, leaving the boundary of said Fontes parcel, South 40° 31' 00" West 70.2 feet, more or less, to the northeasterly line of the Northwestern Pacific Railroad;
- 8.) thence, along said northeasterly railroad line, North 49° 29' West 439.0 feet, more or less, to the point of beginning.

Containing approximately 1.27 acres.

d:\deeds and descriptions\Fontes-Yee_LAFCO_agreement

Fontes and Yee
Outside Service Agreement

Calculations


Report Area

```
=====
Lot Area (Square Feet):      55290.02
Lot Area (Acres):           1.27
Lot Perimeter                1101.08
```

Course Data

```
-----
Node ID      Northing      Easting      Direction      Distance
-----
N/A          5747.97      3300.47      N40°31'00"E      113.00
N/A          5833.88      3373.88      S56°13'21"E      197.82
18           5723.90      3538.30      S55°33'00"E       66.00
Description:  cor
17           5686.56      3592.73      S37°07'00"E      106.04
Description:  cor
16           5602.01      3656.72      N90°00'00"E       23.10
Description:  cor
13           5602.01      3679.82      S00°00'00"W       85.92
Description:  cor
N/A          5516.09      3679.82      S40°31'00"W       70.17
N/A          5462.74      3634.23      N49°29'00"W      439.04
N/A          5747.97      3300.47
```

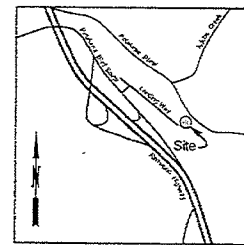
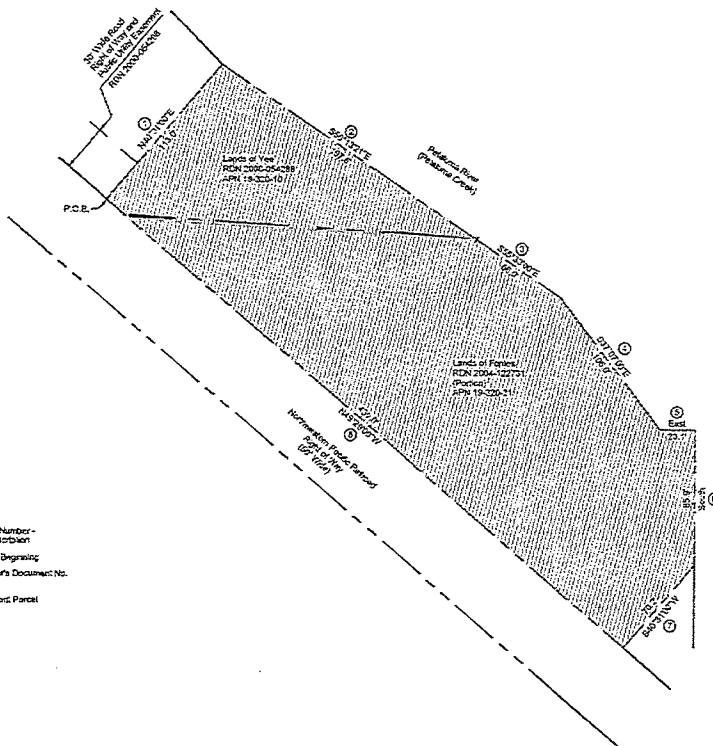
Legend

- ③ Course Number - See Description
- P.C.B. Point of Beginning
- RDN Recorder's Document No.
-  Agreement Parcel

White & Prescott
Engineering & Surveying
1620 Grant Avenue
Novato, CA 94945



File C:\projects\p1620.dwg



Vicinity Map
R.D. 2000

Agreement Parcel Information

Legal Description: That certain parcel of land conveyed to Leung D. Yee, Trustee, by Grant Deed recorded as Recorder's Document No. 2000-254288, Sonoma County Records; and a portion of that certain parcel of land conveyed to Mary L. Fontes, Trustee, by Grant Deed recorded as Recorder's Document No. 2004-122731, Sonoma County Records.

Said parcel lies within Section 2, T4N R7W, S10E.

EXHIBIT B

Mapping No. 2000

Outside Service Agreement for the Lands of Fontes and Yee
by the
North Main Water District (LAFCO File No. 2000)

DATE: 06/04/00 DRAWN BY: D.W. CHECKED BY: S.B.D.



**NORTH MARIN
WATER DISTRICT**

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

PHONE

415.897.4133

FAX

415.892.8043

EMAIL

info@nmwd.com

WEB

www.nmwd.com

October 12, 2015

Keene Simonds
Marin LAFCO
555 Northgate Drive, #230
San Rafael, CA 94903

RE: NMWD Support for Continued Water Service to Yee and Fontes Parcels
APNs 019-320-010 and 019-321-021
NMWD Files 1 2736.00 and 1 2738.00

Dear Mr. Simonds:

As a follow-up to North Marin Water District's (NMWD) July 13, 2015 letter, NMWD desires to continue to serve potable water to the above referenced parcels to prevent any potential threat to public health and safety for either residence.

Under current conditions, the Yee and Fontes parcels receive irregular water service from a neighboring parcel under no formal agreement. This neighboring parcel (Dutra Haystack Landing) is undergoing a major construction project that will necessitate termination of the irregular service to said parcels. Accordingly, time is of the essence to establish independent metered services separate from the Dutra parcel, to abate any potential health and safety threat to the residents.

Should you have any questions regarding this matter please contact Drew McIntyre at your convenience at 1-415-761-8912.

Sincerely,

Chris DeGabriele
General Manager

cc: Drew McIntyre, Chief Engineer
Dale White, White & Prescott
Leang Yee
Mike Fontes

DM:edm
R:\Folders by Job No\2700 jobs\2736\2736 2738 Lafco App 10-15 ltr.doc
R:\Folders by Job No\2700 jobs\2738\2736 2738 Lafco App 10-15 ltr.doc

7

MEMORANDUM

To: Board of Directors

October 30, 2015

From: Ryan Grisso, Water Conservation Coordinator *RG*

Subject: Water Conservation Quarterly Update (July-September 2015)

Engineering Server R:\Water Conservation V:\Memos to Board\Quarterly Reports\Water Conservation FY 2015_2016 QTR1 Summary Report.doc

RECOMMENDED ACTION: Information**FINANCIAL IMPACT:** NoneWater Conservation:

This memo provides an update on all water conservation and public outreach activities implemented during the first quarter of Fiscal Year 2015/2016 (FY 16). Water Conservation participation numbers for the first quarter of the current and previous two fiscal years are summarized in Table 1 below.

Table 1: Water Conservation Program Participation (July through September)

Program	FY 16	FY 15	FY 14
Water Smart Home Surveys (WSHS)	61	107	78
Water Smart Commercial Surveys	8	1	0
High Efficiency Toilet Rebates (Residential)	72	83	54
High Efficiency Toilet Rebates (Commercial)	1	5	0
Retrofit on Resale (Dwellings Certified)	60	76	89
High Efficiency Washing Machine Rebates	30	46	88
Cash for Grass Rebates	68	43	9
Water Smart Landscape Rebates	3	1	4
Smart Irrigation Controller Rebates	4	1	15
New Development Sign-offs (Residential)	6	6	3
New Development Sign-offs (Commercial)	8	7	0
Large Landscape Audits (measured by number of meters)	5	0	0
Large Landscape Budgets (measured by number of accounts)	437	437	437

The District's Water Conservation Cash for Grass program continues to increase in participation levels at record pace. Likely due to the drought steering people to alternate lawn landscaping, participation has been at its highest level ever with no slow-down in sight. The "Lawn be Gone" Sheet Mulching Pilot Program, similar to Cash for Grass with materials provided instead of a rebate, has also received a fair number of participants. Other water conservation programs have either held steady or slightly decreased in the first quarter. In addition to the program participation numbers listed in Table 1 above, the District rebated 19 pool covers and 3 hot water recirculation systems in the first quarter of the fiscal year. Staff also regularly patrolled and followed up on water waste/non-essential use reports in accordance with Ordinance No. 28 and corresponding Resolutions in com-

pliance with the State Water Resources Control Board Emergency Water Conservation Regulations.

Public Outreach and Conservation Marketing

In the first quarter of FY15, the District distributed a Fall 2015 issue of "Water Line" to Novato and West Marin service areas and continued participation in the Drought 2015 Campaign administered by the Sonoma Marin Saving Water Partnership. The District also actively maintains a Facebook page with regular updates on water use efficiency and construction projects. In September, the District participated in the Sonoma Marin Saving Water Partnership organized "Drought Drive-Up Day", to distribute water saving materials and fixtures. This event was held at the front entrance to the office and was very well attended with over 200 customers coming to receive "Drought Kits".

Budget and Staffing

Table 2 summarizes the first quarter expenditures between the three fiscal years for (July-September). FY16 expenditures are up from FY15 and FY14, due to the increased participation levels in the Cash for Grass Program and the implementation of the Residential Recycled Water Fill Station.

Table 2: Water Conservation and Public Outreach Expenditures (July-September)

	FY 16	FY 15	FY 14
Total Budget	\$450,000	\$450,000	\$400,000
July-September Expenditures	\$117,096	\$95,908	\$61,952

Water Conservation continues to be staffed by one full time Water Conservation Coordinator and one half-time Water Conservation Technician. The District has also partnered with Sonoma County Water Agency through the Sonoma-Marin Saving Water Partnership to implement and staff some of the District Water Conservation Programs including the WSHS program (estimated at 250 hours per quarter).

Prop 84 Grant Funding

The District was awarded a Prop 84 Round 1 Grant (\$183,750 allocated to the District) back in 2013, in cooperation with the Sonoma County Water Agency (SCWA) and other Bay Area Agencies, which will help fund future HET rebates, Cash for Grass rebates, Smart Controllers, Clothes Washer rebates, and a Commercial Direct Install HET Program. The Grant period ended June 30, 2015, and the District will receive a cumulative total of \$187,000 when all payments are received. The slight increase from our original allocation was due to other participants not fully expending their allocation. The Prop 84 Round 2 Grant (\$33,000 allocated to the District) started July 1, 2015; however, this round only funds Cash for Grass rebates.

8

MEMORANDUM

To: Board of Directors
 From: Drew McIntyre, Chief Engineer 
 Subject: FY15-16 Quarterly Progress Report – Engineering Department
R:\CHIEF ENG\MCMINTYRE\BUDGETS\FY15-16 Budget\Eng Dept Perf Recap-1st Qtr 15-16.doc

Date: October 30, 2015

The purpose of this memo is to provide a first quarter status report to the Board on the District's performance in completing budgeted FY15-16 Capital Improvements Projects (CIP) with a primary emphasis on planned (i.e., baseline) versus actual performance. The following information supplements the progress report summary provided to the Board each month.

SUMMARY

<u>Service Areas</u>	<u>Project Costs (\$)</u>		<u>% Complete</u>		<u>Earned Value (\$)</u>	
	Budget (\$)	Forecast (\$)	Planned	Actual	Planned	Actual
Novato Water	9,040,000	5,301,088	14	14	3,563,250	2,724,922
Novato Recycled	3,680,000	3,680,000	25	35	895,000	227,000
West Marin	345,000	405,000	20	20	75,000	117,000
TOTAL	13,065,000	9,386,088	20	23	4,533,250	3,068,922

The above table summarizes the detailed tabulation of CIPs for both Novato and West Marin (including Oceana Marin) systems provided in Attachment A. In summary, CIP expenditures for the Novato Water and Novato Recycled Water service areas are forecasted to be below the approved FY15-16 budget level. West Marin service area is forecasted to exceed the approved FY15-16 budget. With respect to planned versus actual completion for the first quarter, the Novato Water and West Marin service areas (including Oceana Marin) are on track with planned progress and Novato Recycled Water is slightly ahead.

Performance Status for Improvement Projects

A detailed milestone schedule update is provided in Attachment B. As shown on the following table (Page 3), a total of 32 projects (versus 38 in FY14-15) were originally budgeted in FY 15-16 for the Novato, West Marin and Oceana Marin service areas. One new project has been added, one project has been carried over from FY14-15 and six projects have been deferred resulting in a new total of 28 projects. Of the 28 Capital Improvement Projects budgeted, 15 (versus 30 in FY14-15) are under the lead responsibility of the Engineering Department for completion (13 in Novato and 2 in West Marin). The remaining 13 (versus 18 in FY14-15) CIP projects are under the responsibility of the other departments (i.e., 6– Maintenance, 4 – Operations and 1- Admin) (Refer to the tabulation in Attachment A for a complete line item listing).

Novato Service Area Project Costs Variances

As shown in Attachment A, all of the FY15-16 Novato CIPs are currently projected to be completed at or below original budget. Staff will provide a brief presentation to the Board on the recently completed 12-inch cast iron pipe bursting project on So. Novato Blvd. as part of this report.

One new project has been added: PB Replacements: Grandview (14 services) and six projects have been deferred in an effort to address the financial impact resulting from reduced water sales (as reported to the Board at the September 1, 2015 meeting): San Mateo 34" Inlet/Outlet Pipe, Electronic Document Management System, Officer Emergency Generator, Office/Yard Building Refurbish, STP Emergency Power Generator and Crest PS/Reloc School Rd PS.

West Marin Service Area (including Oceana Marin) Project Costs Variances

As shown in Attachment A, all of the FY15-16 West Marin CIPs expenditures are currently projected to be within the original budget. One project has been carried over from FY14-15, Replace Pump in Well #2, representing a \$60,000 addition to the West Marin CIP budget. This project has expanded in scope from a simple pump replacement to a complete well casing rehabilitation project.

Engineering Department Labor Hours

The Engineering Department provides a multitude of functions supporting overall operation, maintenance and expansion of water facilities. The major work classifications are: (1) General Engineering, (2) Developer Projects and (3) District (i.e., CIP) Projects. Out of the approximately 14,900 engineering labor hours available annually (less Conservation), the FY15-16 labor budget for Developer Projects and District Projects is 1,480 (10% of total) and 4,980 (33% of total), respectively. A chart of actual hours expended versus budgeted hours for both Developer and District projects during FY15-16 is provided in Attachment C. At the end of the first quarter, actual engineering labor hours expended for Developer work was 18% (271 hours) versus 25% (370 hours) budgeted. With respect to District Projects, 1,258 engineering labor hours (25% of budget) have been expended on Capital Improvement Projects which is right on track when compared against the first quarter estimate.

FY 15-16
 CAPITAL IMPROVEMENTS PROJECTS

	NOVATO SERVICE AREA	WEST MARIN/ OCEANA MARIN	TOTAL
PROJECTS BUDGETED			
Original Budget	26	6	32
Added	1	0	1
FY 14-15 Carryover	0	1	1
Deferred/Dropped	6	0	6
Adjusted Budget	21	7	28

FY14-15 CARRYOVER

Date Brought to Board

Novato
 None

West Marin
 Replace Pump in Well #2

First Quarter Report

DEFERRED/DROPPED

Novato
 San Mateo 24" Inlet/Outlet Pipe
 Electronic Document Management System
 Office Emergency Generator
 Office/yard Building Refurbish
 STP Emergency Power Generator
 Crest Pump Station/Reloc School Rd Pump Station

First Quarter Report
 First Quarter Report
 First Quarter Report
 First Quarter Report
 First Quarter Report
 First Quarter Report

West Marin
 None

PROJECTS ADDED

Novato
 PB Replacements: Grandview (14)

First Quarter Report

West Marin
 None

NOVATO SYSTEM CAPITAL IMPROVEMENT PROJECTS SUMMARY FY15-16 AS OF SEPTEMBER 30, 2015										
STATUS	DEPT	ITEM #	PROJECT NO.	DESCRIPTION	PROJECT COSTS		% COMPLETE		EARNED VALUE	
					Budget	Forecast	Baseline	Actual	Planned	Actual
				1. PIPELINE REPLACEMENTS/ADDITIONS						
PC	Eng	1	1.a.1	So. Novato Blvd - Rowland to Sunset	\$400,000	\$207,000	80	80	\$320,000	\$165,600
PC	Eng	2	1.b.2	Zone A Pressure Improvements	\$150,000	\$34,088	25	25	\$37,500	\$8,522
				San Mateo 24" Inlet/Outlet Pipe DEFER	\$150,000	\$0	0	0		
			1.c.1	Repl PB in Sync w/City Paving	\$70,000	\$0				
PC	Eng	3	1.c.2	PB Repl: Grandview (14)	\$0	\$80,000	5	5	\$0	\$4,000
			1.d.1	Other Relocations	\$80,000	\$0				
PC	Eng	4	1.e.1	AEEP - Hwy 101 Widening	\$4,890,000	\$3,800,000	65	65	\$3,178,500	\$2,470,000
				SubTotal	\$5,740,000	\$4,121,088				
				2. SYSTEM IMPROVEMENTS						
	Maint	5	2.a	RTU Upgrades	\$15,000	\$15,000	25	10	\$3,750	\$1,500
	Eng	6	2.b	Flushing Taps at Dead Ends	\$50,000	\$50,000	0	0	\$0	\$0
	Eng	7	2.c	DCDA Repair/Replace	\$190,000	\$90,000	0	0	\$0	\$0
	Eng	8	2.d	Anode Installations	\$30,000	\$30,000	0	0	\$0	\$0
	Maint	9	2.e	Radio Telemetry	\$25,000	\$25,000	0	0	\$0	\$0
	Eng	10	2.f	Inaccurate Meter Replacement	\$10,000	\$10,000	0	0	\$0	\$0
	Maint	11	2.g	Backflow Device Upgrade - BMK (15)	\$30,000	\$30,000	0	0	\$0	\$0
PC	Maint	12	2.h	Tank Access Hatch/Level Alarms (10)	\$35,000	\$35,000	50	50	\$17,500	\$17,500
	Eng	13	2.i	Automate Zone Valve (Slowdown Ct)	\$50,000	\$50,000	0	0	\$0	\$0
	Admin	14	2.j	Radio Read Meter Retrofit	\$500,000	\$500,000	0	10	\$0	\$50,000
				SubTotal	\$935,000	\$835,000				
				3. BUILDINGS, YARD, & S.T.P. IMPROVEMENTS						
				Electronic Document Management System DEFER	\$150,000	\$0				
				Office Emergency Generator DEFER	\$150,000	\$0				
			3.a.3	Office/Yard Building Refurbish DEFER	\$1,500,000	\$0	0	0	\$0	\$0
	Eng	15	3.b.1	Dam Concrete Repair	\$50,000	\$50,000	0	0	\$0	\$0
				STP Emergency Power Generator DEFER	\$150,000	\$0				
	Ops	16	3.b.3	Watershed Erosion Control	\$25,000	\$25,000	0	0	\$0	\$0
				SubTotal	\$2,025,000	\$75,000				
				4. STORAGE TANKS & PUMP STATIONS						
PC			4.a	Hydropneumatic Tank Repairs	\$60,000	\$60,000	0	0	\$0	\$0
PC	Maint	17	4.b	Lynwood PS Motor Control Center	\$120,000	\$120,000	5	5	\$6,000	\$6,000
	Eng	18	4.c	Sunset Tank C12 Mixing System	\$90,000	\$90,000	0	2	\$0	\$1,800
				Crest PS (design/const)/Reloc School Rd PS DEFER	\$70,000	\$0				
				SubTotal	\$340,000	\$270,000				
				Novato Water Total	9,040,000	\$5,301,088	14	14	\$3,563,250	\$2,724,922
				5. RECYCLED WATER FACILITY						
PC	Eng	19	5.a	NBWRA Grant Program Administration	\$80,000	\$80,000	25	65	\$20,000	\$52,000
PC	Eng	20	5.b	Recycled Water Central Service Area	\$3,500,000	\$3,500,000	25	5	\$875,000	\$175,000
				Other Recycled Water Expenditures	\$100,000	\$100,000	0	0	\$0	\$0
				Novato Recycled Total	\$3,680,000	\$3,680,000	25	35	\$895,000	\$227,000
				Total Novato	\$12,720,000	\$8,981,088	20	25	\$4,458,250	\$2,951,922
C - Completed				PROJECT FORECAST REVISED						
PC - Partially completed				Baseline projects with revised forecast budget increases (indicated by shaded box)						
				Baselined projects to be deferred (indicated in strikeout)						
				New projects added (indicated in bold)						
				Prior year projects carried over indicated in italics and brackets <>						

WEST MARIN CAPITAL IMPROVEMENT PROJECT SUMMARY FY15-16 AS OF SEPTEMBER 30, 2015										
STATUS	DEPT	ITEM #	PROJECT NO.	DESCRIPTION	PROJECT COSTS		% COMPLETE		EARNED VALUE	
					Budget	Forecast	Baseline	Actual	Planned	Actual
				6. West Marin Water System System Improvements						
PC	Eng	21	6.a	Upsize 4" Pipe from Bear Valley Tanks	\$100,000	\$100,000	75	78	\$75,000	\$78,000
	Maint	22	6.b	Tanks #2 & #3 Seismic Piping Upgrade	\$30,000	\$30,000	0	0	\$0	\$0
		23	6.c	Replace PRE Tank #4A	\$50,000	\$50,000	0	0	\$0	\$0
	Ops	24	6.d	PB in Sync w/County Paving	\$50,000	\$50,000	0	0	\$0	\$0
	Ops	25	6.e	Green Sand Filter Media Replace	\$75,000	\$75,000	0	0	\$0	\$0
PC	Eng	26	6.f	<Replace Pump in Well #2>	\$0	\$60,000	65	65	\$0	\$39,000
					\$305,000	\$365,000				
				7. Oceana Marin Sewer System						
	Ops	27	7.a	Infiltration Study & Repair	\$40,000	\$40,000	0	0	\$0	\$0
				SubTotal	\$40,000	\$40,000				
				Total West Marin	\$345,000	\$405,000	20	20	\$75,000	\$117,000
				FY15-16 TOTAL	\$13,065,000	\$9,386,088	20	23	\$4,533,250	\$3,068,922
1C - Completed				PROJECT FORECAST REVISED						
PC - Partially completed				Baseline projects with revised forecast budget increases (indicated by shaded box)						
				Baselined projects to be deferred (indicated in strikeout)						
				New projects added (indicated in bold)						
				Prior year projects carried over indicated in italics						

FY15_16 CAPITAL IMPROVEMENT PROJECTS

ID	Task Name	Start	Finish	% Complete	Resp	Qtr 1, 2016			Qtr 2, 2016			Qtr 3, 2016			Qtr 4, 2016			Qtr
						Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	
1	1 A PIPELINE REPLACEMENTS/ADDITIONS	Wed 7/1/15	Thu 6/30/16	80%														
2	1A1 So. Novato Blvd - Rowland to Sunset (12"CI@1,000')	Wed 7/1/15	Thu 12/31/15	80%	ENG / CC													
3	1B MAIN/PIPELINE ADDITIONS	Wed 7/1/15	Thu 6/30/16	13%														
4	1B1 Zone A Pressure Improvements	Wed 7/1/15	Thu 6/30/16	25%	ENG / DJ													
5	1B2 San Mateo 24" Inlet/Outlet DEFER	Wed 7/1/15	Thu 6/30/16	0%	ENG / DJ													
6	1E AQUEDUCT REPLACEMENTS/ENHANCEMENTS	Wed 7/1/15	Thu 6/30/16	65%														
7	1E1 Aqueduct Energy Efficiency Project	Wed 7/1/15	Thu 6/30/16	65%	ENG / DM													
8	2 SYSTEM IMPROVEMENTS	Wed 7/1/15	Thu 6/30/16	12%														
9	2A RTU Upgrades	Wed 7/1/15	Thu 6/30/16	10%	MAINT/RC													
10	2B Flushing Taps at Dead-Ends	Fri 1/1/16	Thu 6/30/16	0%	ENG / CC													
11	2C DCA Repair/Replace (14/yr)	Fri 1/1/16	Thu 6/30/16	0%	ENG / DJ													
12	2D Anode Installations (150/yr)	Fri 1/1/16	Thu 6/30/16	0%	ENG / CC													
13	2E Radio Telemetry	Wed 7/1/15	Thu 6/30/16	5%	MAINT/RC													
14	2F Inaccurate Meter Replacement	Fri 1/1/16	Thu 6/30/16	0%	ENG / DJ													
15	2G Backflow Device Upgrade - BMK (14)	Wed 7/1/15	Thu 6/30/16	0%	MAINT/RC													
16	2H Tank Access Hatch/Level Alarms	Wed 7/1/15	Thu 6/30/16	50%	MAINT/RC													
17	2I Automate Zone Valve (Slowdown Ct)	Tue 12/1/15	Thu 6/30/16	0%	ENG / DJ													
18	2J Radio Read Meter Retrofit (Pilot Study/Install)	Wed 7/1/15	Thu 6/30/16	10%	ADMIN / DB													
19	2J Local Water Supply Enhancement Study	Wed 7/1/15	Thu 6/30/16	25%	ENG / DM													
20	3 BUILDING, YARD, STP IMPROVEMENTS	Wed 7/1/15	Thu 6/30/16	14%														
21	3A ADMIN BUILDING	Wed 7/1/15	Thu 6/30/16	0%														
22	3A1 Electronic Document Management System DEFER	Wed 7/1/15	Thu 6/30/16	0%	ADMIN													
23	3A2 Office Emergency Generator DEFER	Wed 7/1/15	Thu 6/30/16	0%	MAINT/RC													



Current

Baseline

Inactive Task

Inactive Task



Inactive Milestone



Inactive Summary



Manual Task



Duration-only



Manual Summary Rollup



Manual Summary



Start-only



Finish-only



Progress



FY15_16 CAPITAL IMPROVEMENT PROJECTS

ID	Task Name	Start	Finish	% Complete	Resp	Qtr 1, 2016			Qtr 2, 2016			Qtr 3, 2016			Qtr 4, 2016			Qtr
						Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	
24	3A3 Office/Yard Building Refurbish DEFER	Wed 7/1/15	Thu 6/30/16	0%	ADMIN / CD													
25	3B STAFFORD TREATMENT PLANT	Wed 7/1/15	Thu 6/30/16	25%														
26	3B1 Dam Concrete Spillway Repair	Wed 7/1/15	Thu 6/30/16	0%	ENG / DM													
27	3B2 STP Emergency Power Generator DEFER	Wed 7/1/15	Thu 6/30/16	0%	OPS / RC													
28	3B3 Watershed Erosion Control	Wed 7/1/15	Thu 6/30/16	0%	OPS / RC													
29	3C Stafford Dam Emergency Action Plan	Wed 7/1/15	Thu 6/30/16	100%	ENG / DM													
30	4 STORAGE TANKS/PUMP STATIONS	Wed 7/1/15	Thu 6/30/16	2%														
31	4A Hydropneumatic Tank Inspections	Mon 2/1/16	Thu 6/30/16	0%	ENG / DJ													
32	4B Lynwood Pump Station Motor Control Center	Wed 7/1/15	Thu 6/30/16	5%	MAINT/RC													
33	4C Sunset Tank C2 Mixing System	Wed 7/1/15	Thu 12/31/15	2%	ENG / DJ													
34	4D Crest PS (Design/Const)/Reloc School Rd PS DEFER	Wed 7/1/15	Fri 4/1/16	0%	ENG / DJ													
35	5 RECYCLED WATER	Wed 7/1/15	Thu 6/30/16	35%														
36	5A NBWRA Grant Program Admin	Wed 7/1/15	Thu 6/30/16	65%	ENG / DM													
37	5B Expansion to Central Area	Wed 7/1/15	Thu 6/30/16	5%	ENG / DM													
38	6 WEST MARIN WATER SYSTEM IMPROVEMENTS	Wed 7/1/15	Thu 6/30/16	10%														
39	6A Upsize 4" Pipe from Bear Valley Tanks	Wed 7/1/15	Thu 12/31/15	78%	ENG / CC													
40	6B Tanks #2 & #3 Seismic Piping Upgrade	Fri 1/1/16	Thu 6/30/16	0%	ENG / JK													
41	6C Replace PRE Tank #4A	Tue 9/1/15	Thu 6/30/16	0%	ENG / CC													
42	6D PB Replace in Sync w/County Paving	Wed 7/1/15	Thu 6/30/16	0%	ENG / JK													
43	6E Green Sand Filter Media Replace	Wed 7/1/15	Thu 6/30/16	0%	OPS / RC													
44	7 OCEANA MARIN SEWER SYSTEM	Wed 7/1/15	Thu 6/30/16	0%														
45	7A Infiltration Study & Repair	Wed 7/1/15	Thu 6/30/16	0%	OPS / RC													



Current

Baseline

Inactive Task

Inactive Task

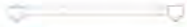


Inactive Milestone

Inactive Summary

Manual Task

Duration-only



Manual Summary Rollup

Manual Summary

Start-only

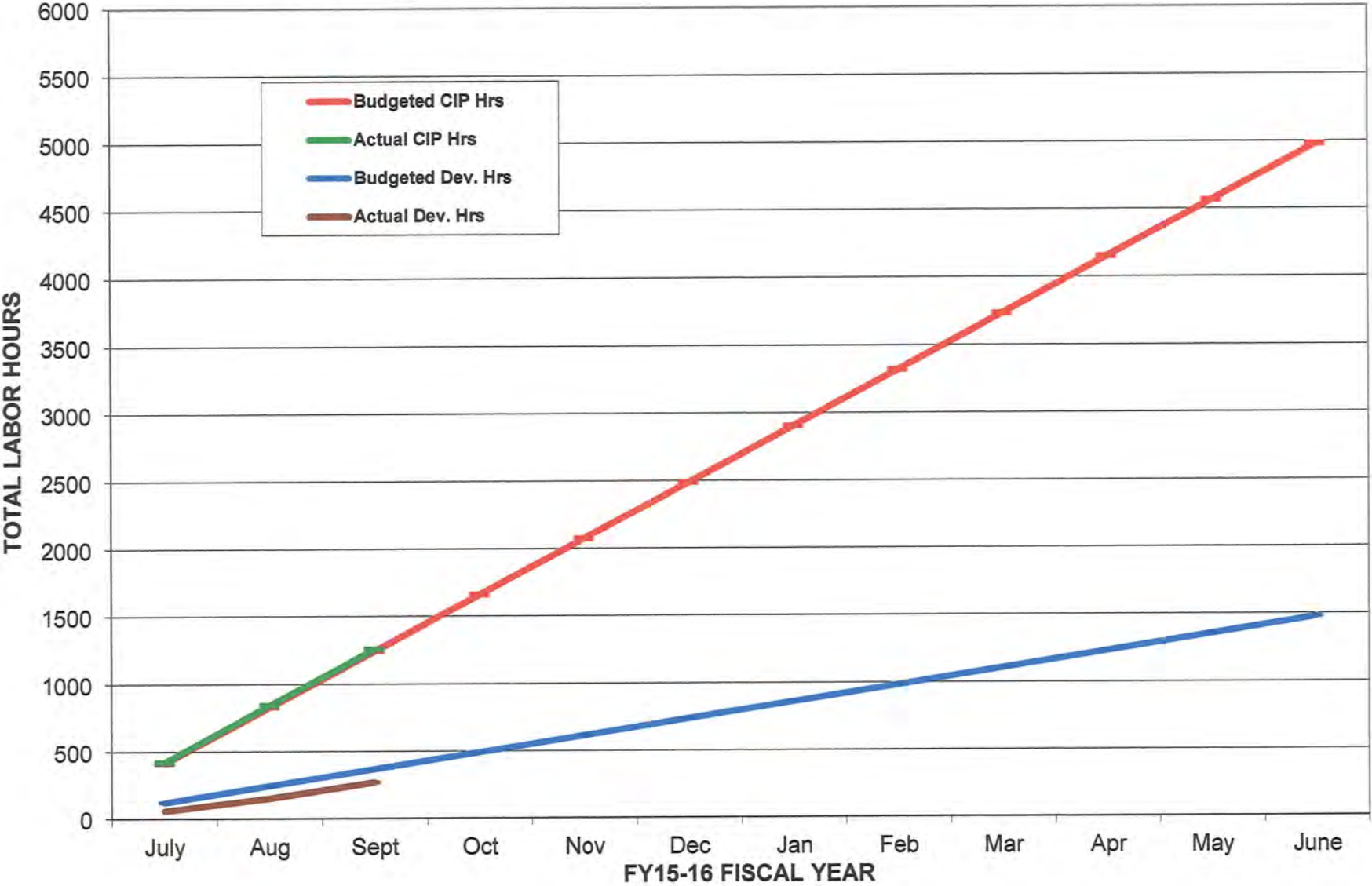
Finish-only



Progress



ENGR. DEPT DEVELOPER & DISTRICT CAPITAL IMPROVEMENT PROJECTS (CIPs)




9

MEMORANDUM

To: Board of Directors

October 30, 2015

From: Robert Clark Operations / Maintenance Superintendent 

Subj: Administrative Civil Liability Complaint R2-2014-1024 Supplemental Environmental Project on Vineyard Creek Withdrawal.

x:\maint sup\2015\bod\bod memo sep closeout.doc

RECOMMENDED ACTION: Information**FINANCIAL IMPACT:** Approximately \$44,000 including staff administrative time.

On March 3, 2015 the Board authorized the General Manager to accept and sign the ACL complaint R2-2014-1024 and carryout a Supplemental Environmental Project (SEP) resulting from the chlorinated water discharge from Wild Horse Storage Tank. The ACL fine totaled \$38,100 including \$14,000 for the proposed SEP. The SEP intended to remove a substantial area of invasive non-native Himalaya blackberries and restore the creek embankment with native plantings (grasses, shrubs and up to 10 trees) on the Marin County Flood Control District (MCFCD) property. District staff coordinated with the San Francisco Estuary Partnership to oversee the project as part of the project requirements and began project development with the MCFCD and Point Blue (STRAW).

During an early meeting with the project group, it was brought to our attention that neighbors near the project site had ongoing concerns with the MCFCD's historic Vineyard Creek maintenance activities. Upon further discussions with the project group and the neighboring property owners it became clear that the scope of the SEP was in direct conflict with the neighbors desire to maintain a visual barrier to Vineyard Road at the site. After much discussion with the MCFCD it was determined that there was not going to be any opportunity to re-establish the visual barrier and perform our scope of work within the \$14,000 budget.

Staff has confirmed that the California Water Quality Control Board, San Francisco Bay Region will accept the remaining \$14,000 of the ACL fine in cash now that the District has chosen not to complete the SEP. Staff also requested that the San Francisco Estuary Partnership refund a portion of the administrative oversight fee and they have agreed to refund \$1,144.99 of the original \$2,532.86 fee. The \$38,100 liability fine plus \$1,388 oversight fee and \$4,500 in staff time will bring the total District cost to nearly \$44,000 when we close out the ACL.


As a part of our ongoing commitment to STRAW, staff plans to propose a project on the Stafford Lake Watershed where the current 2015/16 Fiscal year Operating budget has funds identified to perform a watershed erosion control project.

10

MEMORANDUM

To: Board of Directors

October 30, 2015

From: Chris DeGabriele, General Manager 

Subject: North Bay Water Reuse Authority Board Meeting – October 26, 2015

R:\Folders by Job Not\7000 jobs\7127\Board Memos\7127 NBRWA Update 10_26_15.doc

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

Supplemental information is provided as follows using item numbers referenced in the attached meeting agenda. Draft minutes are also included.

2. Roll Call

NMWD Board was represented by Director Schoonover.

6. Report from the Program Manager

The program manager, Mr. Chuck Weir, requested an emergency action item be added to the agenda to consider Reallocation of NBWRA Phase 1 Construction Grant Funds. Sonoma Valley County Sanitation District desires to release funds that it cannot use to other members. The item was added to the agenda and unanimously adopted pursuant to the proposed reallocation table (attached). NMWD will receive an additional \$1,262,835 which, in addition to the \$1,487,165 remaining, provides NMWD a \$2,750,000 cost share on the \$11M Novato Central Service Area Recycled Water Project Expansion.

7. Financial Report for the Period Ending September 30, 2015

The program manager reports that all budget items are tracking normally for the start of the FY15/16. He reported that discretionary expenses not specifically budgeted are now being tracked and that Associate Member dues are used for these expenses. Discretionary expenses to date total \$3,875.70 for meeting room rental and Congressional tour expenses.

8. Program Development, Federal, and State Advocacy Reports

Pilar Onate-Quintana advised the tour for state legislative staff (similar to the recent congressional tour) on October 8 was effective in driving home the importance of "purple pipe" projects in our region and California. She further advised that Assemblyman Levine had introduced legislation requiring the State to reduce water consumption and increase water use efficiency including use of recycled water. Further, Pilar noted that Jerry Meral is leading an effort for a \$4.895B Water Bond resembling Proposition 1 on the November 2016 ballot and which currently proposes \$400M for recycled water funding.

Ginger Bryant spoke on federal advocacy and reported that the RE-Act and RIFIA language is included in legislation introduced by Senator Feinstein (S1894) and that Congressman Calvert will introduce the House version mirroring Feinstein's bill. She does not expect the bills to move until the June/July 2016, just prior to the November election. With regard to NBWRA Phase 2 Authorization language, the House Water and Power subcommittee

opposed the “fix” proposed for the Omnibus bill and Representatives Thompson/Huffman plan to introduce an authorizing bill later this year. Ms. Bryant also noted that they are planning for the next trip to Washington DC this November.

9. Outreach Program Update

Mark Millan provided an overview of outreach efforts focused on all Western states as a region to support the RE-Act/RIFIA legislation including website, Facebook and Twitter. He encouraged folks to register at the website www.westernwaterpriorities.org for email updates.

10. Status Report – North Bay Water Reuse Program Phase 2 and Related Issues

The consultants led a lengthy discussion about Phase 2 meetings, Feasibility Study, Program Expansion and Budget Impacts, NBWRA Organization Beyond Phase 2, and Work Study Session Plans. It was also noted that some Phase 2 projects will be eligible for Title XVI funding while others will need to be funded through other sources. Brown & Caldwell came up with a good scheme to categorize Phase 2 projects: (1) Feasible and within the planned \$80M total authorization target, (2) Feasible but exceeding the \$80M total threshold, and (3) future projects outside Phase 2 to be considered at a Programmatic level. There was significant discussion about the Phase 2 schedule with Final Report due in June 2016 and conversation about reallocating budget within the B&C scope, but likely need for additional environmental review. Finally it was recommended to hold work study sessions on the NBWRA future over 4 meetings in December 2015 and January, March and April 2016. In the end, it was too much information for the Board to digest without TAC input and the Board consensus was that the TAC would meet by telecom in November to establish the \$80M Phase 2 project list and make a recommendation at the December meeting for Board consideration. The December work study session will go forward to discuss NBWRA beyond Phase 2.



NORTH BAY WATER REUSE PROGRAM

Expanding Water Supplies with Regional Reuse



BOARD OF DIRECTORS MEETING

AGENDA

Monday, October 26, 2015
9:30 A.M.

Novato City Hall Council Chambers
901 Sherman Avenue, Novato, CA 94945

Consultants and others unable to attend in person may call in: Phone: +1 (602) 567-4030 Access code: 1980; <https://conferencing.brwnncald.com/conference/1980>

1. Call to Order (1 minute)

2. Roll Call (1 minutes)

3. Public Comment (3 minutes)

(Any member of the public may address the Board at the commencement of the meeting on any matter within the jurisdiction of the Board. This should not relate to any item on the agenda. It is the policy of the Authority that each person addressing the Board limit their presentation to three minutes. Any member of the public desiring to provide comments to the Board on an agenda item should do so at the time the item is considered. It is the policy of the Authority that oral comments be limited to three minutes per individual or ten minutes for an organization. Speaker's cards will be available in the Boardroom and are to be completed prior to speaking.)

4. Introductions (2 minutes)

Action
Pages 3 - 5

5. Board Meeting Minutes of September 21, 2015 (1 minute)
(The Board will consider approving the minutes from the September 21, 2015 Board meeting.)

Information
Pages 6 - 18

6. Report from the Program Manager (2 minutes)
6.a Consultant Progress Reports
(The Board will review the Report from the Program Manager and Consultant Progress Reports.)

Information
Pages 19 - 27

7. Financial Report for the Period Ending September 30, 2015 (5 minutes)
(The Board will review the financial report for the period ending September 30, 2015.)

North Bay Water Reuse Authority • c/o Sonoma County Water Agency • 404 Aviation Boulevard, Santa Rosa, CA 95403
707-235-8965 • NBWRA.org

Las Gallinas Valley Sanitary District • Napa County • Napa Sanitation District • North Marin Water District • City of Petaluma • Marin County
Novato Sanitary District • Sonoma County Water Agency • Sonoma Valley County Sanitation District • Marin Municipal Water District • City of American Canyon

- Information** **8. Program Development, Federal, and State Advocacy Status Reports (20 minutes)**
(The Board will be updated on the status of Program Development, Federal Advocacy, and State Advocacy.)
- Information** **9. Outreach Program Update (5 minutes)**
(The Board will be updated on the Outreach Program.)
- Information and Discussion** **10. Status Report – North Bay Water Reuse Program Phase 2 and Related Issues (90 minutes)**
Pages 28 – 75 Phase 2
- Meeting Schedule
 - Phase 2 Feasibility Study Status Report
 - Phase 2 Program Expansion and Budget Impacts
 - Other Potential Budget Impacts
- Related Issues
- NBWRA Beyond Phase 2
 - Plans for Work Study Session
- Action** **11. Approve a modification to the Brown and Caldwell Agreement to use the remaining \$40,931 from Triple Bottom Line in Task 2.4 for other expanded efforts in Task 2.4 and move \$25,000 from Task 5, Grants to Task 1.1, Workshops (3 minutes)**
Page 76 (The Board will discuss and consider approving a modification to the agreement with Brown and Caldwell to reallocate funds with no modification to the FY2015/16 Budget.)
- 12. Adjournment (1 minute)**

Next Board Meeting
Monday, December 14, 2015, 9:30 A. M. Novato Sanitary District

(In compliance with the Americans with Disabilities Act of 1990, if you need special assistance to participate in a Board meeting, or you need a copy of the agenda, or the agenda packet, in an appropriate alternative format, please contact the Program Manager at (510) 410-5923. Notification of at least 48 hours prior to the meeting or time when services are needed will assist in assuring that reasonable arrangements can be made to provide accessibility to the meeting or service. A copy of all the documents constituting the agenda packet is available for public inspection prior to the meeting at 500 Davidson Street, Novato, CA 94945. Any person may request that a copy of the agenda or the agenda packet be mailed to them for a fee of \$.10 per page plus actual mailing costs. If you wish to request such a mailing, please contact Chuck Weir, Weir Technical Services, 3026 Ferndale Court, Pleasanton, CA 94588, 510-410-5923, chuckweir@sbcglobal.net. The agenda for each meeting is also available on-line at www.nbwra.org and will be available at the meeting.)

**North Bay Water Reuse Authority • c/o Sonoma County Water Agency • 404 Aviation Boulevard, Santa Rosa, CA 95403
707-235-8965 • NBWRA.org**

Las Gallinas Valley Sanitary District • Napa County • Napa Sanitation District • North Marin Water District • City of Petaluma • Marin County
Novato Sanitary District • Sonoma County Water Agency • Sonoma Valley County Sanitation District • Marin Municipal Water District • City of American Canyon

**North Bay Water Reuse Authority
Board of Directors Meeting
Minutes
September 21, 2015**

1. Call to Order

Chair Rabbitt called the meeting to order at 9:37 a.m. on Monday, September 21, 2015 at the Novato Sanitary District, 500 Davidson Street, Novato, CA 94945. Consultants and others who were unable to attend participated via telephone, 1-866-906-7447, passcode 2428170#.

2. Roll Call

PRESENT:	David Rabbitt, Chair	Sonoma County Water Agency
	Bill Long, Vice Chair	Novato Sanitary District
	Keith Caldwell	Napa County
	Rabi Elias	Las Gallinas Valley Sanitary District
	Jack Gibson	Marin Municipal Water District
	Mike Healy	City of Petaluma
	Tim Healy	Napa Sanitation District
	Jason Holley	City of American Canyon (by telephone)
	Pam Jeane	Sonoma Valley County Sanitation District
	John Schoonover	North Marin Water District

ABSENT: Steve Kinsey, Marin County

OTHERS

PRESENT:	Chuck Weir, Program Manager	Weir Technical Services
	Kevin Booker	Sonoma County Water Agency
	Erik Brown	Novato Sanitary District
	Ginger Bryant	Bryant & Associates
	Grant Davis	Sonoma County Water District
	Sandeep Karkal	Novato Sanitary District
	Drew McIntyre	North Marin Water District
	Mark Millan	Data Instincts
	Phillip Miller	Napa County
	Pilar Oñate-Quintana	The Oñate Group
	Larry Russell	Marin Municipal Water District
	Mike Savage	Brown & Caldwell
	Jake Spaulding	Sonoma County Water Agency
	Dawn Taffler	Kennedy Jenks Consultants
	Leah Walker	City of Petaluma
	Mark Williams	Las Gallinas Valley Sanitary District

3. Public Comments

There were no comments from the public

4. Introductions

Introductions were made as there were several new people in attendance.

5. Board Meeting Minutes of July 27, 2015.

A motion by Director Schoonover, seconded by Director Caldwell to approve the July 27, 2015 minutes was unanimously approved.

6. Report from the Program Manager**a. Consultant Progress Reports**

The Board reviewed the consultant progress reports for June 2015. The Program Manager highlighted the remaining agenda items.

7. Financial Reports for the Period Ending June 30, 2105 and August 31, 2015

The Board reviewed the Financial Reports and noted that all expenses for Fiscal Year 2014/15 were well within budget. Expenses for Fiscal Year 2015/16 are also tracking within budget.

8. Program Development, Federal, and State Advocacy Update

Pilar Oñate-Quintana discussed state issues including a summary of this session's bills approved and supported by NBWRA. She discussed a possible emerging issue that environmental non-governmental organizations in southern California seem to be supporting Direct Potable Reuse projects over purple pipe projects and that could, if this issue gains momentum, have a negative impact on future state funding for some NBWRA projects. She also discussed plans for a tour for state legislative staff.

Ginger Bryant discussed program development and federal issues, including the very successful Congressional tour, Phase 2 authorization issues, Re-Act legislation, and new outreach efforts. Outreach efforts including a new website, www.westernwaterpriorities.org, and social media presences on Facebook and Twitter. The outreach efforts are to all western states and are intended to support the provisions in Re-Act: RIFIA loans, expanded WaterSMART grants for storage, water recycling and management projects and Transfer of Title provisions. In addition the outreach efforts support Title XVI reform to allow non-authorized projects to compete for grants. She also discussed plans for the next trip to Washington D.C. in the fall.

9. Outreach Program Update.

Mark Millan provided an update for the Board. He provided a demonstration of the new westernwaterpriorities.org website and distributed flyers and business cards that can be used to publicize the efforts. Chair Rabbitt noted that this is a new effort that he discussed with other Board members and approved. A total of \$25,000 was added to Data Instincts budget from unused triple bottom line funding and although this increases Data Instincts budget by \$25,000, this is a reallocation of existing financial resources and resulted in no changes to the total budget or member agency costs.

10. Workshop – North Bay Water Reuse Program Phase 2

Mike Savage and Dawn Taffler discussed the following topics: Extended storage study scope and approach; overview of findings for Napa Sanitation District, Sonoma Valley County Sanitation District, City of Petaluma, and Novato Sanitary District; and insights gained through the process. They discuss the creation of specific fact sheets for each agency that summarize their options and are intended to be used to assist their boards in finalizing projects for the EIR/EIS. It was noted that some projects will be eligible for Title XVI funding and others will need to be funded through other sources that are currently in development.

11. Direction from Board Regarding Communication, Regional Participation and Related Issues

Chair Rabbitt let a discussion on these issues. The goal would be a unified approach for water management and recycling projects for the North Bay Region in order to capitalize on both the strength of the organization, be inclusive of new members, and position for future funding opportunities. Vice Chair Long suggested a workshop to discuss these issues, in addition to how to incorporate current and future projects in studies and potential impacts on the budget for the Phase 2 EIR/EIS. Director Elias asked how agencies not currently participating in Phase 2 could ultimately participate. That topic would also be included in the workshop discussion.

There was also discussion regarding increasing communications and the possibility of holding Board meetings concurrent with TAC meetings. Currently, the Board meets four times per year in January, April, July, and October. The TAC meets immediately after the Board meetings to summarize action items. The TAC also meets the month before Board meetings to develop items for action by the Board. Following discussion, the Board members supported the idea of holding joint Board/TAC meetings for planning purposes in the months prior to the four regular Board meetings. The Program Manager noted that adding these additional meetings for the Board would not have any impact on the budget.

It was agreed that the consultants would develop framework alternatives in support of the direction provided by the Board and be prepared to discuss them at the October 26, 2015 Board meeting. It was also agreed that the December 14, 2015 TAC meeting would be modified to include the Board.

As action items, for the October 26, 2015 meeting the consultant team will develop alternatives for consideration in a possible workshop to be held before the end of 2015; and the December 14 meeting will be a combined Board/TAC meeting.

12. Adjournment

Chair Rabbitt adjourned the meeting at 12:10 p.m. The next meeting will be Monday, October 26, 2015 at 9:30 a.m. at Novato City Hall Council Chambers.

Minutes approved by the Board _____.

Charles V. Weir
Program Manager

10/22/2015
Phase 1 Construction Reallocation

Summary: SVCSD discussed its desire to release funds that it could not use to other members in October 2014. Napa SAN, NMWD, and Novato San indicated interest and in subsequent discussions SVCSD provided verbal agreements for reallocation. Napa San was ready to use additional funds in the 2015 WS grant and received \$1,000,000. LGVSD made a request for additional funds during the NBWRA BAIRWM P84 competition and SVCSD provided a verbal commitment. In addition, SCWA is under budget for administration of the Phase 1 construction grant and is releasing excess funds. SCWA intends to reallocate all unallocated funds above and beyond the existing verbal commitments (\$10,888) to Novato San increasing their reallocation from \$189,118 to \$200,006.

Reallocation of Funds	
Construction funds being release	\$ 3,342,841
Unobligated admin funds repurposed	\$ 42,183
Obligated Admin funds being repurposed	\$ 77,817
Total funds being reallocated	\$ 3,462,841

Proposed Reallocation	
SVCSD	\$ (3,342,841) ¹
SCWA	\$ (120,000) ²
LGVSD	\$ 1,000,000 ³
NMWD	\$ 1,262,835 ⁴
NOVATO	\$ 200,006 ⁵
NAPA SAN	\$ 1,000,000 ⁶
Total	\$ -

Notes:

- 1** Release of construction funds that cannot be utilized by SVCSD.
- 2** Repurpose of \$77,817 in obligated admin funds and \$42,183 in unobligated funds. Will need to get approval from USBR to repurpose funds.
- 3** Verbal agreement in 2015 for about \$1,000,000, which is cost share for a \$4 million dollar project.
- 4** Verbal agreement 11/7/2014 for extra \$1,262,835, which in addition to \$1,487,165 remaining gives NMWD a \$2,750,000 cost share on a \$11 million dollar project.
- 5** Verbal agreement 11/7/2014 for extra \$189,118, which in addition to \$310,882 remaining gives Novato a \$500,000 cost share on a \$2 million dollar project. SVCSD/SCWA proposes granting all additional funds to Novato San (\$10,888) if they desire the funds.
- 6** Verbal agreement 11/17/2014 for \$1,000,000. Money was reallocated and granted in Modification 8.

11

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



**WATER ADVISORY COMMITTEE
AND
TECHNICAL ADVISORY COMMITTEE**

MONDAY, NOVEMBER 2, 2015

9:00AM

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

This is a combined WAC and TAC meeting.

1. Check In
2. Public Comment
3. Recap from the August 3, 2015 WAC/TAC Meeting and Approval of Minutes
4. Recap from the October 5, 2015 TAC Meeting and Approval of Minutes
5. Water Supply Coordination Council
6. Water Supply Conditions and Temporary Urgency Change Order
7. SMSWP
 - a. Water Production Relative to 2013 Benchmark
 - b. 2015 EPA WaterSense Certifying Organization Partner of the Year Award
 - c. Regional Compliance with SWRCB Emergency Water Conservation Regulations
8. Approve 2016 WAC/TAC Meeting Schedule
9. Proposed Slate for 2016/2017 WAC Chair/Vice Chair
10. Potential Safe Medicine Disposal Ordinance for Sonoma County
11. Lake Mendocino Water Supply Reliability Report and Forecast Improved Reservoir Operations (FIRO) Update
12. Biological Opinion Status Update
13. 2015 SCWA Revenue Bond Issuance
14. Integrated Regional Water Management Plan(s) Update
15. Items for Next Agenda
16. Check Out

Draft Minutes of Water Advisory Committee and Technical Advisory Committee
35 Stony Point Road, Santa Rosa, California
August 3, 2015

Attendees: Erin Carlstrom, City of Santa Rosa
David Guhin, City of Santa Rosa
Jennifer Burke, City of Santa Rosa
Rocky Vogler, City of Santa Rosa
Elise Howard, City of Santa Rosa
Linda Hall, City of Santa Rosa
Mark Millan, Town of Windsor
Toni Bertolero, Town of Windsor
Jim Smith, Town of Windsor
Stuart Hayre, Town of Windsor
Paul Piazza, 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
Chris DeGabriele, North Marin Water District
Drew McIntyre, North Marin Water District
Jack Gibson, Marin Municipal Water District
Larry Russell, Marin Municipal Water District (via telephone)
Krishna Kumar, Marin Municipal Water District
Carl Gowan, Marin Municipal Water District
Efren Carrillo, Board of Supervisors
James Gore, Board of Supervisors
Grant Davis, SCWA
Pam Jeane, SCWA
Ann DuBay, SCWA
Steve Koldis, SCWA
Carrie Pollard, SCWA

Public Attendees: Cynthia Murray, North Bay Leadership Council
Brenda Adelman, RRWPC
Dietrich Stroeh, Stuber-Stroeh Engineering Group
Dawna Gallagher Stroeh
David Keller, FOER
Jim Downey, Penngrove/Kenwood Water District
Deborah Tavares

1. Check-in

Dennis Rodoni, WAC Chair, called the meeting to order at 9:05a.m.

2. Public Comment
Brenda Adelman spoke to her concerns regarding the use of recycled water. Comments followed from the committee.
3. Recap from the May 4, 2015 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 May 4, 2015 WAC/TAC meeting; unanimously approved.
4. Recap from the July 6, 2015 TAC Meeting and Approval of Minutes
Moved by David Guhin, City of Santa Rosa, seconded by Damien O'Bid, City of Cotati, to approve the minutes of the July 6, 2015 TAC meeting; unanimously approved.
5. Water Supply Coordination Council
There were no comments on the Coordination Council summary that was emailed to the members.
6. Water Supply Conditions and Temporary Urgency Change Order
Grant Davis, SCWA, reported that Lake Sonoma is at 79% capacity and Lake Mendocino is just under 60% capacity. Everyone is doing a good job complying with the State's water use restrictions. Demands are in the 40MGD range.
7. SMSWP – Water Production Relative to 2013 Benchmark
Chris DeGabriele, NMWD, explained the table on the handout that was included in the email packet to the committee members. The SMSWP water savings in June 2015 exceeds the State obligation. David Guhin, City of Santa Rosa, reported that with adjustments on the number on days in the report Santa Rosa is at 30% conservation levels and Santa Rosa is working with the state to normalize the reporting structure. The Sonoma County Fair display is very well done with extensive information regarding water conservation.
8. Private-Public Partnership: North Bay Water Sustainability Coalition
Cynthia Murray reported the coalition kickoff was very successful. Speakers have been provided for events. A business tool kit is being developed. Newsletters and social media have been included. Weekly newspaper articles and radio messages are getting the message out to the public. Development of a calendar to assist with upcoming events to reach as many as people as possible is being considered. Comments followed from the committee members and the public.
9. Isolation Valves – Hazard Mitigation Project Update
Steve Koldis, SCWA, gave a presentation on the hazard mitigation isolation valve project. Twenty valves will be installed in the aqueduct system in order to control water flow in the event of an earthquake event which could interrupt service. Construction should begin in April 2016 with completion of the project in April 2017. Questions and comments followed from the committee members and the public.
10. Sustainable Groundwater Management Act Update
Ann DuBay, SCWA, reported that the Boards of the Water Agency and the Sonoma County Supervisors approved the plan in March for implementation of creating the Groundwater Sustainability Agencies to manage groundwater by 2017. Gina Bartlett of CBI worked on the assessment with stakeholders, officials, staff and affected customers. Work is

beginning to form the agencies in all the groundwater basins. Questions and comments followed from the public and the committee.

11. WAC Chair/Vice Chair Nomination Process

Dennis Rodoni, WAC Chair, reviewed the memo sent to the members. The informal process will continue as noted in the memo. The committee members concur that the process is acceptable to continue as it has in the past.

12. Biological Opinion Status Update

Pam Jeane, SCWA, reviewed the update that was sent to the members. Questions and comments followed her review.

13. Integrated Regional Water Management Plan(s) Update

The North Coast Resource Partnership report was given by Supervisor Efren Carrillo, who has been elected the Vice Chair of the committee. \$11M from Prop 84 is available for projects. Two Sonoma projects total \$573K and \$475 for SCWA for ongoing conservation, education and high efficiency programs. Questions and comments followed from the committee.

There was a handout available for the Bay Area IRWMP report.

14. Items for next WAC/TAC Agenda on November 2

Water Quality

Update on UWMP

Weather based reservoir recommendations (Army Corps of Engineers and NOAA)

Water Supply Conditions

Biological Opinion Status Update

15. Check Out

Next TAC meeting is September 14

Next WAC/TAC meeting is November 2

Meeting was adjourned at 10:20 a.m.

Draft Minutes of Technical Advisory Committee
35 Stony Point Road, Santa Rosa, California
October 5, 2015

Attendees: Jennifer Burke, City of Santa Rosa
Rocky Vogler, City of Santa Rosa
Linda Hall, City of Santa Rosa
Colin Close, City of Santa Rosa
Toni Bertolero, Town of Windsor
James Smith, Town of Windsor
Paul Piazza, Town of Windsor
Elizabeth Cargay, Town of Windsor
Jake Mackenzie, City of Rohnert Park
John McArthur, City of Rohnert Park
Mark Bautista, City of Rohnert Park
Leah Walker, City of Petaluma
Kent Carouthers, City of Petaluma
Damien O'Bid, City of Cotati
Dan Takasugi, City of Sonoma
Dan Muelrath, Valley of the Moon Water District
Dennis Rodoni, North Marin Water District
Chris DeGabriele, North Marin Water District
Drew McIntyre, North Marin Water District
Mike Ban, Marin Municipal Water District
Grant Davis, SCWA
Pam Jeane, SCWA
Mike Thompson, SCWA
Mike Gossman, SCWA
Lynne Rosselli, SCWA
Ann DuBay, SCWA
Carrie Pollard, SCWA
Don Seymour, SCWA

Public Attendees: Brenda Adelman, RRWPC
David Keller, FOER
Dietrich Stroeh
Dawna Gallagher Stroeh
Margaret DiGenova, California American Water
Evan Jacobs, California American Water

1. Check-in

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

2. Public Comment

None

3. Water Supply Conditions and Temporary Urgency Change Order

Pam Jeane, SCWA, reported on water levels; Lake Mendocino is at 52% capacity, Lake Sonoma is at 72% capacity, and Lake Pillsbury is at 20% capacity. Meetings have been held with PG&E regarding Lake Pillsbury levels since June. PG&E has filed for a variance to be in effect November 1 to March 15 to enable them to complete repairs on

the penstocks. Another Temporary Urgency Change Order petition will be filed with the state, to take effect in January. Questions followed from the committee.

4. Sonoma Marin Saving Water Partnership

i. Water Use Relative to 2013 Benchmark

Carrie Pollard, SCWA, reviewed the tracking charts which were provided to the members. Questions followed to clarify the GPCD figures on the reports. The report will be revised by Carrie to add more information.

ii. Recent Outreach

Santa Rosa and the Water Partnership co-sponsored a Drought Drive Up Day with 800 kits dispersed to the public. An all-Spanish Gray Water Workshop was held to reach our Hispanic citizens. Family Fun Day was held for Storm Water and Creeks Week. A Social Media campaign, "A Day Without Water", starts today. Car washes are being encouraged to join the Green Business Program and use less water, recycle it and send used water to the sewer, not the storm drain.

Petaluma – Multiple outreach meetings to service groups to promote saving water.

Windsor – Drought Drive Up dispersed 300 kits to citizens. Several workshops to replace lawn with drought tolerant plants and to teach residents how to have sustainable landscapes.

5. 2015 UWMP Progress Update

Rocky Vogler, City of Santa Rosa, gave an update on the UWMP. Water demand and water conservation analysis work is complete for all water contractors. Final DWR guide book is due out this month. June 2016 is the goal for plans to be adopted.

6. Biological Opinion Status Update

Pam Jeane, SCWA, reviewed the Biological Opinion Status Update sent via email to the committee and interested parties. Questions and comments followed from the committee and the public.

7. Items for Next Agenda

November WAC/TAC Meeting

Water Supply Conditions and Temporary Urgency Change Order
Biological Opinion Status Update
2016 WAC/TAC Calendar

8. Check Out

Next WAC/TAC meeting is November 2, 2015

Next TAC meeting is December 7, 2015

Meeting was adjourned at 9:48a.m.

Summary
October 23, 2015
Water Supply Coordination Council Meeting

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

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

1. Review Summary of Last Meeting (July 22, 2015)

A summary of the July 22, 2015 WSCC meeting was reviewed.

2. November 2 WAC/TAC Meeting

The draft agenda for the Water Advisory Committee and Technical Advisory Committee scheduled for November 2, 2015 was reviewed. Grant Davis advised that rather than establish a separate agenda for this WSCC meeting, the draft WAC/TAC agenda would be used as the basis of discussion.

WAC Leadership

It was noted that a proposed slate for the WAC Chair and Vice-Chair will be included for WAC consideration, along with a 2016 WAC/TAC Meeting Schedule.

Water Supply

Grant Davis reported that Lake Mendocino holds approximately 33,000AF (57% of target water storage curve) and Lake Sonoma 173,000AF (70% of water supply capacity). The current TUCO will expire October 28th and PGE has requested a variance from PVP flows to conduct penstock maintenance this winter. SCWA will likely petition the SWRCB for another Temporary Change in November to accommodate the lower inflow to the Russian River system.

Grant further reported that the Lake Mendocino Water Supply Reliability Report prepared for the SWRCB will be shared with the WAC in November. An update on initiatives to hopefully improve reliability will also be discussed including Forecast Improved Reservoir Operations (FIRO).

Sonoma Marin Saving Water Partnership

Sonoma Marin Saving Water Partnership recognition from EPA as WaterSense Certifying Partner of the Year will be included along with compliance statistics with the SWRCB Emergency Water Conservation Regulations and effort for future regional compliance.

Potential Safe Medicine Disposal Ordinance for Sonoma County

Mark Landman from City of Cotati and Russian River Watershed Association will make a presentation.

Updates on: Biological Opinion, 2015 SCWA Revenue Bond Issuance and Integrated Regional Water Management Plans will be included.

3. Schedule Next Meeting

The next meeting will be scheduled prior to the February 1, 2016 WAC/TAC meeting.

State Water Resources Control Board Conservation Standard Tracking for the Sonoma-Marin Saving Water Partnership

Table 1: Current Month - Water Use Relative to 2013 Benchmark

Water Retailer	September 2015 (Gallons)	2013 Benchmark (Gallons)	Relative to 2013 Benchmark	Conservation Standard	September 2015 GPCD*
Cal Am	23,364,000	30,782,000	24%	25%	87
Cotati	24,577,013	31,249,111	21%	20%	112
Marin Municipal	729,463,083	893,484,613	18%	20%	129
North Marin	197,876,637	332,000,000	40%	24%	108
Petaluma	243,703,963	313,181,673	22%	16%	133
Rohnert Park	129,330,262	160,000,000	19%	16%	99
Santa Rosa	537,527,102	694,288,510	23%	16%	105
Sonoma	61,637,975	74,000,859	17%	28%	177
Valley of the Moon	76,785,811	98,602,642	22%	20%	114
Windsor	100,259,791	132,322,073	24%	16%	122
SMSWP Total	2,124,525,635	2,729,129,481	22%	19%	119



* GPCD is provided as information only

Table 2: Aggregate June 2015 to Date Relative to 2013 Benchmark

Water Retailer	Aggregate June 2015 to Date (Gallons)	2013 Benchmark (Gallons)	Relative to 2013 Benchmark	Conservation Standard
Cal Am	93,763,672	130,043,000	28%	25%
Cotati	97,038,026	131,937,070	26%	20%
Marin Municipal	2,933,323,736	3,752,182,440	22%	20%
North Marin	913,379,676	1,434,000,000	36%	24%
Petaluma	975,809,697	1,327,847,564	27%	16%
Rohnert Park	536,885,142	665,000,000	19%	16%
Santa Rosa	2,136,891,948	2,916,253,690	27%	16%
Sonoma	226,306,941	325,665,692	31%	28%
Valley of the Moon	309,104,540	439,430,200	30%	20%
Windsor	415,015,238	557,466,947	26%	16%
SMSWP Total	8,637,518,615	11,549,783,603	25%	19%

DRAFT 2016 TAC - WAC / TAC MEETING SCHEDULE

35 Stony Point Road, Santa Rosa, California

Month	Day	Body	Time
JANUARY	4	 TAC	9:00a.m.
FEBRUARY	1	WAC / TAC	9:00a.m.
MARCH	7	 TAC	9:00a.m.
APRIL	4	SPECIAL WAC/TAC	9:00a.m.
MAY	2	WAC / TAC	9:00a.m.
JUNE	6	TAC	9:00a.m.
JULY	11	TAC	9:00a.m.
AUGUST	1	WAC / TAC	9:00a.m.
SEPTEMBER	12	TAC	9:00a.m.
OCTOBER	3	TAC	9:00a.m.
NOVEMBER	7	WAC / TAC	9:00a.m.
DECEMBER	5	TAC	9:00a.m.



Russian River Biological Opinion Update – November 2015

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

Dry Creek Habitat Enhancement Project

- Water Agency Staff are performing the implementation and effectiveness monitoring of habitat features constructed for the Dry Creek Mile 1 Demonstration Project
- The draft Environmental Impact Report for miles two through six of habitat enhancement was released on July 11. A public hearing was held on August 11. Comments were due by 5 p.m. August 24, and were received from Caltrans, the Russian River Watershed Protection Committee, and one landowner in the project area. It is anticipated that the final EIR will go to Water Agency Board of Directors for approval on November 17, 2015.
- Site identification, environmental studies and topographic surveys are nearly complete for the second and third miles of habitat enhancement. Two firms, Interfluve and ESA, are designing the second and third miles of habitat enhancement, respectively. The Water Agency and regulatory agencies have provided comments on the Mile 2 60% designs, and Inter-Fluve is incorporating them into the 90% design. The Water Agency and Regulatory Agencies are currently reviewing the Mile 3 60% designs. Water Agency staff are in the process of meeting with landowners to receive input on the 60% designs.
- Three firms were selected for design of miles four through six of habitat enhancement: Interfluve, ESA and Cardno. The Water Agency is currently identifying potential project sites and negotiating design contracts with each firm.

Fish Monitoring

The inflatable dam is not in use this year, due to the work on the Mirabel Fish Passage Improvement Project. Without the dam, the Water Agency cannot use the video monitors traditionally deployed to count migrating adult Chinook, steelhead and coho. Instead, the agency installed a type of sonar technology (known as DIDSON) at the mouth of Dry Creek and has installed a video monitor at the Healdsburg fish ladder. As of October 21, the Water Agency has observed a total of 1 Chinook and 3 steelhead on the Dry Creek DIDSON and 11 Chinook at the Healdsburg fish ladder this season. The low counts are likely related to the closure of the river mouth at Jenner. As required in the Temporary Urgency Change Order, the Water Agency is also conducting dive survey for adult salmonids. One small adult chinook has been observed.

Mirabel Screen and Fish Ladder Replacement

Construction of the Mirabel Fish Passage Improvement Project is proceeding, with construction anticipated to be complete early next year. A temporary (coffer) dam that was installed at Wohler Bridge to create a backwater pool in order to meet projected summer water demands is being removed the week of October 26 in anticipation of winter rains.

Russian River Estuary Management Project

- The 2015 Lagoon Management Period ended on October 15. The barrier beach closed on September 8, self-breached on October 4 and closed again on October 10. The Water Agency is tentatively scheduled to breach the barrier beach on Monday, November 2, when estuary water levels are estimated to reach 8.7 feet. However, the breaching date could change, given predicted challenging beach conditions.
- Baseline pinniped monitoring is conducted regularly. Water quality monitoring at datasonde stations is ongoing; weekly nutrient and bacteria monitoring has concluded for the season. Estuary fisheries and invertebrate monitoring have also concluded for the season.
- Field investigations of the jetty are complete. In 2014, monitoring wells were installed and other tests were conducted. The purpose of the studies is to determine if and how the jetty impacts the formation of the barrier beach and lagoon water surface elevation. Consultants are currently analyzing data and preparing a report, which is expected to be released this fall.

Fish Flow Project

Work is occurring internally on the preparation of the draft Environmental Impact Report for the Fish Habitat Flows and Water Rights Project. The EIR is being prepared by Water Agency staff, with assistance from consultants on some areas of impact analysis. A draft EIR is anticipated to be released Winter 2015-16.

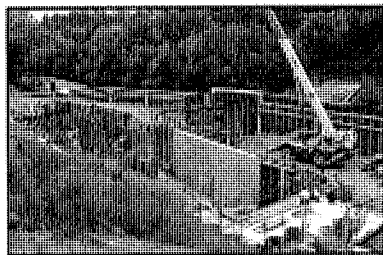
Interim Flow Changes

On May 1, the State Water Resources Control Board (State Water Board) issued a Temporary Urgency Change Order (TUCO) for Russian River flows. The change was requested by the Water Agency to preserve water in Lake Mendocino. Within a few days of the order being issued, the Water Agency was informed by PG&E of its pending request to reduce diversions from the Eel River through its Potter Valley Project, as a result of the drought. The reduction represents a loss of about 30-100 acre-feet of water per day. To preserve water in the lake, the Water Agency went back to the State Water Board to request additional reductions in releases from Lake Mendocino; on June 17, the State Water Board issued an amendment to the TUCO. As a result, the minimum flow requirement in the upper river was 25 cfs and 50 cfs in the lower river.

The current TUCO expired on October 27. PG&E filed another variance with FERC to reduce flows in order to perform major maintenance on its penstock. In order to preserve water in Lake Mendocino, the Water Agency plans to file another TUCP with the State Water Board.

Public Outreach, Reporting & Legislation

- The annual Dry Creek Community meeting will be held on January 14 at 6:00 p.m.
- In November an informational flyer will be sent to Dry Creek residents updating them on the project.



Construction of Mirabel Fish Passage Improvement Project, week of October 19.

12

**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, November 6, 2015
Time: 9:30 a.m. – 11:30 a.m.
Location: Novato Sanitary District
500 Davidson Street
Novato, CA 94945

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. Flood 2.0 Update (30 min.) Guest Speaker: Caitlin Sweeney, SFEP	Information
7. Watershed Health (30 min.) Guest Speaker: Dyan Whyte, RWQCB	Information
8. NBWRA Update (15 min.) Guest Speaker: Keith Caldwell, Supervisor Napa County	Information
9. San Francisco Bay Restoration Authority Request (10 min.) Guest Speaker: Keith Caldwell, Supervisor Napa County	Action
10. Items of Interest	
11. Items for Next Agenda	

Next Meeting Information:

Next Meeting: December 4, 2015

Petaluma (Lucchesi) Community Center
320 N. McDowell Boulevard
Conference Room 2
Petaluma, CA 94954

NORTH BAY WATERSHED ASSOCIATION

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

Date: October 2, 2015
Time: 9:30 a.m.
Location: Petaluma (Lucchesi) Community Center
320 N. McDowell Boulevard
Conference Room 2
Petaluma, CA 94954

Directors Present: Directors present included:

<u>Board Member</u>	<u>Agency/Organization</u>	<u>Board Member</u>	<u>Agency/Organization</u>
Madolyn Agrimonti	City of Sonoma and Sonoma Valley County Sanitation District	Jack Gibson	Marin Municipal Water District
Jack Baker	North Marin Water District	Paul Jensen	City of San Rafael
Keith Caldwell	Napa Sanitation District	Pam Meigs	Ross Valley Sanitary District
Damon Connolly	County of Marin	Brant Miller	Novato Sanitary District
Frank Egger	Central Marin Sanitation Agency	Judy Schriebman	Las Gallinas Valley Sanitary District
		Robert Wilson	City of Petaluma

Directors present represented 12 out of the 18 agencies signatory to the Association MOU.

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 September 11, 2015.** (See Handout) The Minutes of the Board Meeting held on September 11, 2015 were unanimously approved.
5. **Treasurer's Report.** (See Handout) The Treasurer's Report was accepted as presented by Harry Seraydarian.
6. **Petaluma – Watershed Classroom.** Stephanie Bastianon, Friends of the Petaluma River (FOPR) provided a PowerPoint entitled "Friends of the Petaluma River – Watershed Classroom" and began with some background on FOPR including their purpose – to promote stewardship of the Petaluma River – and some examples of their ongoing efforts such as river cleanups and workshops. She then presented the Watershed Classroom mission statement geared toward educating youth in Petaluma and the principal emphasizing teachers as a guiding force. Stephanie emphasized "Geoliteracy", understanding your environment through the local lens of the Petaluma watershed and presented the Watershed Classroom curriculum requirements and the link to project based learning and the California Common Core Standards & 21st Century Skills. She explained why the Petaluma River provides a perfect classroom given the habitat diversity and biological productivity. She highlighted the benefits to teachers and noted the \$500 stipend for new teachers (\$250 for returning teachers). Stephanie presented the resources available to teachers including the Watershed Atlas online website, seven water quality monitoring stations, a watershed timeline, and the many experts available in participating agencies and non-profits. She displayed the "watershed classroom" home page <https://www.watershedclassroom.org> and emphasized the opportunities for collaboration. Stephanie then summarized accomplishments for Year 2 and Year 3 of the program and presented goals for Year 4: include all school districts, include middle school, grow the interactive watershed classroom website, and grow the Watershed Atlas. Stephanie ended with a summary of needs and costs (\$30k) for website and software development, teacher training, and program administration. The NBWA Board Members had a number of questions. How is STRAW different? (STRAW is a partner and provides their own curriculum where the Watershed Classroom emphasizes the teacher creating a curriculum.) How clean is the Petaluma River? (Pretty clean – depends on time of year.) How was Atlas developed? (Andy Rodgers developed the tool with input from SCWA, City of Petaluma, and Sonoma RCD.) Who funds you? (SCWA and NOAA-Bay Watersheds Grant.) How are projects approved? (Teacher proposals are reviewed in the spring and most have been funded.) Do you input data to SFEI's Eco Atlas? (Great tool – discussing now how to link.) Why is there a void at the middle school grade level? (Less curriculum tie-ins, so only some teachers have participated.) Are you including statistics in any curriculum? (No math teachers involved yet – will identify opportunities.)

7. **CA Dept. of Fish and Wildlife Programs and Grants.** Matt Erickson, CA Dep. Of Fish and Wildlife (CDFW), provided a PowerPoint entitled "Salmon and Steelhead Recovery and Habitat Restoration" and began with an overview of the CDFW Bay Delta Region (which overlaps with the NBWA area) and their staffing. Matt highlighted CDFW priority programs: Drought Response, Coho Salmon and Steelhead Recovery and Habitat Assessments, and the Fisheries Restoration Grant Program. He then described each program in more detail: Drought Response (monitoring, wet/dry mapping, identifying drying/back streams, fish rescues inside the drought voluntary initiative (VDI) area); Steelhead and Salmon Recovery (including Steelhead report card funding); Coho Broodstock Program (Russian River, and Salmon, Walker, and Scott Creeks); Habitat Assessments (including Petaluma and Napa Rivers and Marin County creeks). Matt mentioned the CDFG Salmonid Stream Habitat Restoration Manual and then presented photos of a large number of restoration opportunities in the North Bay. Matt then moved on to the Fisheries Restoration Grant Program (FRGP) focused on restoring anadromous salmonid habitat, which has provided funding since 1981 (\$250m, over 600 stakeholders and 3,500 projects). He also identified funding sources including the more recent Prop 1 and drought funding. Matt then presented photos and funding amounts for 17 different projects in Marin, Napa, and Sonoma that have been implemented in recent years. The NBWA Board Members had several questions. Are there any tools to deal with groundwater overdraft? (SWRCB and CDFW working on voluntary program to reduce use by 25%.) What is monitoring telling us? (Informs us on distribution – moving towards full life cycle fish monitoring.) Can you measure improvement after restoration? (Yes – looking at goals and number of fish.) Why are there no fish rescues on Corte Madera Creek? (Performed by volunteers, CDFW does mapping and reporting.) Can CDFW do more to encourage volunteer monitoring? (Natural Resources Volunteer Program used for photo documentation, temperature, and dissolved oxygen measurements.) What is data structure and how is it managed? (Weekly summary to Governor using funds for drought monitoring, need long term funding for monitoring.)

8. **2016 Conference Update.** Harry Seraydarian presented a PowerPoint to inform the Board that the date for the conference has been set for April 22, 2016 and a contract has been signed with Embassy Suites in the Napa Valley. The "placeholder" theme is – Water is Water? – Harry asked Board Members to suggest alternative themes or phrasing. Keynotes are Jared Huffman and Lois Wolk. Harry also presented the speakers and topics for 3 panels – Climate Adaptation – Extreme Weather Events; Integrated Projects (large and small scale); and Barriers and Bridges – Recycling, Direct Potable Reuse, and Groundwater Sustainability. Costs will stay the same as 2014 – \$95 (\$85 early before January 31, 2016) and Watershed Council Members at \$50. He noted the target for sponsors is \$50k and that member agencies would be hearing from Conference Committee Members about Sponsorship in the near future. Harry also noted that NBWA will update the Fact Sheet developed for the 2010 Conference.

9. **Items of Interest.**

- * Planting and Launching a Floating Island at the San Rafael Civic Center, Gallinas Watershed Council and Marin School for Environmental Leadership in coordination with Bioneers, Oct. 16, 2:45 p.m.
- * Biotech Bank Stabilization (Soil Bio-Engineering & Erosion Control) – Dec. 5, 2015, 11: 45 a.m. – 3:30 p.m. – Spirit Rock Meditation Center, Marin

10. **Items for Next Agenda.**

- * Flood 2.0 Update – Caitlin Sweeney, San Francisco Estuary Partnership
- * Watershed Health – Dyan Whyte, Regional Water Quality Control Board
- * North Bay Water Reuse Authority Update – Keith Caldwell
- * San Francisco Bay Restoration Authority Request – Keith Caldwell

Jack Gibson, Chair, adjourned the meeting at 11:13 a.m.

SUBJECT TO BOARD APPROVAL

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

NEXT MEETING INFORMATION:

November 6 – Novato Sanitary District, 500 Davidson Street, Novato, CA 94945

December 4 – Petaluma (Lucchesi) Community Ctr., 320 N. McDowell Blvd., Petaluma, CA 94954-Conf. Rm. 2



**San Francisco Bay
Restoration Authority**

September 16, 2015

Harry Seraydarian
Executive Director
North Bay Watershed Association
220 Nellen Avenue
Corte Madera, CA 94925

Dear Mr. Seraydarian:

As you know, the San Francisco Bay Restoration Authority is hard at work planning for a possible measure on the 2016 ballot throughout the nine Bay Area counties to fund the work necessary to restore thousands of wetland acres around the region—creating new natural habitats for wildlife, supporting our local economy, improving access to public lands, addressing flooding issue, and creating thousands of new jobs.

We are grateful for the support already shown by the North Bay Watershed Association for the Restoration Authority's efforts, and this is why I am writing to you now. I am asking if you will make a small financial commitment to help ensure the success of the Authority's efforts to bring that measure to the ballot. The Authority has no independent funding or staff and in order to hire the pollsters and legal experts needed as we look toward a 2016 measure. We need operating funds to make this happen.

We know that you recognize the value of this work and very much hope that you will be able to contribute to the eventual success of this measure by providing a small amount of funding to get the work we need accomplished completed.

Please contact me at 707-259-8277 with any questions that you might have about this request, and thank you for consideration.

Sincerely,

Keith Caldwell
Governing Board, North Bay Representative
San Francisco Bay Restoration Authority



**San Francisco Bay
Restoration Authority**

FACT SHEET

TEMPORARY NEED FOR FUNDING FOR ADMINISTRATIVE AND CONSULTANT COSTS

- The San Francisco Bay Restoration Authority has no funding for staff or consultants and a balance of \$9,000 available for specialized outside counsel.
- Specialized outside counsel and financial advisors and other expertise are needed to adequately prepare for the revenue-measure election planned for June 2016 and, following a successful election, for coordinating with county tax collectors and preparing to receive and administer funds.
- Estimated pre-election (non-campaign) costs: \$30,000 (in addition to \$9,000 on hand)
 - For services such as the following:
 - coordinating with county election officials and Boards of Supervisors,
 - conducting expert review of ballot-measure and election resolutions, and
 - polling.
- Estimate short-term post-passage costs*: \$30,000
 - * From passage of revenue measure until revenue anticipation notes are sold
 - For services such as the following:
 - ensuring timely reflection of the revenue measure in 2016-2017 tax bills,
 - evaluating actual county ballot costs attributable to the Authority's measure, and
 - preparing to conduct a grant program.
- Suggested levels of funding to request:
 - \$1,000 - \$2,500 Small/local non-governmental organizations & businesses
 - \$2,500 - \$5,000 Large non-governmental organizations & small cities/counties
 - \$5,000 - \$10,000 Large cities/counties & special districts

2016 NBWA Board of Directors' Meetings Schedule

All meetings are held on Fridays from 9:30 a.m. to 11:30 a.m.

January 8 – Marin Community Foundation, 5 Hamilton Landing, Suite 200, Novato, CA 94949

February 5 – Petaluma (Lucchesi) Community Ctr., 320 N. McDowell Blvd., Petaluma, CA 94954-Conf. Rm. 2

March 4 – Novato Sanitary District, 500 Davidson Street, Novato, CA 94945

April 22 – NBWA Conference, Embassy Suites, Napa, CA

May 6 – Marin Community Foundation, 5 Hamilton Landing, Suite 200, Novato, CA 94949

June 3 – Novato Sanitary District, 500 Davidson Street, Novato, CA 94945

July 8 – Marin Community Foundation, 5 Hamilton Landing, Suite 200, Novato, CA 94949

No August Meeting

September 9 – Novato Sanitary District, 500 Davidson Street, Novato, CA 94945

October 7 – Petaluma (Lucchesi) Community Ctr., 320 N. McDowell Blvd., Petaluma, CA 94954-Conf. Rm. 2

November 4 – Novato Sanitary District, 500 Davidson Street, Novato, CA 94945

December 2 – Petaluma (Lucchesi) Community Ctr., 320 N. McDowell Blvd., Petaluma, CA 94954-Conf. Rm. 2

13

DISBURSEMENTS - DATED OCTOBER 22, 2015

Date Prepared 10/20/15

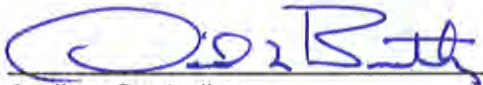
The following demands made against the District are listed for approval and authorization for payment in accordance with Section 31302 of the California Water Code, being a part of the California Water District Law:

Seq	Payable To	For	Amount
EFT*	CalPERS	Pension Contribution PPE 9/30/15	\$31,609.13
1	Bank of Marin	Loan Principal & Interest (Pynt 48 of 240)	46,066.67
2	Bay Area Air Quality Mgmt Dist	Annual Permit Renewal (To Operate Fuel Tanks)	298.00
3	Brenntag Pacific	Sodium Hydroxide (48,220 lbs) (STP)	4,844.66
4	Building Supply Center	Rebar(6), Deck Screw, Lumber, Battery for Thermometer & ShopVac Filter Replacement	73.09
5	Burns, Todd	Novato "Washer" Rebate Program	50.00
6		Vision Reimbursement	94.00
7	Clipper Direct	Commuter Benefit Program (2)	186.00
8	Cummings Trucking	Rock (66 yds) & Sand (48 yds) (\$2,495)	4,840.71
9	Environmental Management	Repair Subgrade Around Atherton Tank	8,600.00
10	Felipe, Carmona	Novato "Toilet" Rebate Program	100.00
11	Frazier, Linda	Novato "Toilet" Rebate Program	200.00
12	Genetin, Leonard	Novato "Toilet" Rebate Program	100.00
13	Golden Gate Petroleum	Gas (\$2.61/gal) & Diesel (\$2.53/gal)	1,146.11
14	Grainger	Fluorescent Light Bulbs (40) (\$206), Shop Vac Filters (36) (\$205), Replacement Blade for PVC Pipe (\$805), Push Button Switches (2), Fuses (100) (\$232), RTU Signal Wire (1,000') (\$611), Liquid Level Switches (10) (\$602) & Magnetic Contact Surface Mount (6) (\$744)	3,421.52
15	Groeniger	8" Pipe Plug, Backflow Prevention Cover, 4" Gaskets (36) (\$216), DCDA Fire Check Assembly (\$1,415), Hydrant Extensions (4) (\$231) & Pipe Wrap Tape (82) (\$308)	2,250.74

Seq	Payable To	For	Amount
16	Hach	Alkaline Cyanide (2) (50mL), Ascorbic Acid Pillows (200), Chlorine Reagent (1,000) & Reagents (STP)	819.23
17	Harrington Industrial Plastics	1/4" Union Connector (500) & 1/4" Tubing Coil (500) (\$167) (STP)	218.81
18		Cafeteria Plan: Uninsured Medical Reimbursement	110.00
19		Vision Reimbursement	184.00
20	Kelly-Moore Paint	Paint (2 gal)	71.42
21	Lane, James	Novato "Toilet" Rebate Program	300.00
22	Lincoln Life	Deferred Compensation PPE 10/15/15	13,837.14
23	Marin Landscape Materials	Mortar, Landscape Cloth & Staples & Quik Mix (42 bags) (\$228)	318.21
24	McAghon, Andrew	Lawn-Be-Gone Mulching Program (1,600 S.F.)	1,040.00
25	McLellan, WK	Compaction Testing (\$4,361) & Misc Paving	4,879.67
26	Nationwide Retirement Solution	Deferred Compensation PPE 10/15/15	1,825.00
27	North Bay Gas	Nitrogen (\$1,014), CO2 & Sept Cylinder Rental	1,091.98
28	Novato, City of	Annual Encroachment Permit Renewal	2,770.00
29	Pape Machinery	Flex Pin (50) (\$149) & Backhoe Bucket Trench	155.48
30	NMWD Petty Cash	Petty Cash Reimbursement: Safety Bucks, Safety Snacks (\$27) & Mileage Reimbursement	74.42
31	Petty, Stephanie	Novato "Toilet" Rebate Program	100.00
32	PG&E	Power: Bldgs/Yard (\$4,662), Rectifier/Controls (\$431), Pumping (\$27,662), Treatment (\$109) & Other (\$115)	32,981.10
33	Pini Hardware	Clamp (4), Cloths (2), Door Sweep for Lab Door, Loppers, Window Cranks for Novato Apt (\$29), Spray Paint (3-12 oz cans) Chain Coil, Link Chain, Motion Sensor (Lab), Repair Polymer Daytank Level, Roundwire Brush & Machine Screws & Nuts	138.67

Seq	Payable To	For	Amount
34		Cafeteria Plan: Uninsured Medical Reimbursement	500.00
35		Cafeteria Plan: Childcare Reimbursement	203.33
36	Regional Water Authority	Replacement Check (Orig Sent to Wrong Address)	75.00
37		Cafeteria Plan: Childcare Reimbursement	23.75
38	Rogers Machinery	Auto Shop Compressor Oil (6 Qts) (\$51) & Filters (2)	101.04
39	Semorile, Linda	Novato "Cash for Grass" Rebate Program	110.00
40	Shirrell Consulting Services	Dental Insurance Admin Fee	282.50
41	State Water Resources Control	D5 Certificate Renewal (Stompe) (3/16-3/19) (Budget \$110)	105.00
42		Cafeteria Plan: Uninsured Medical Reimbursement	300.36
43	Tapanainen, Jon	Novato "Toilet" Rebate Program	200.00
44	Thatcher of California	Ferric Chloride (19 tons) (STP)	9,354.56
45	Univar	Sodium Hypochlorite (200 gal) (STP)	376.70
46	Verizon California	Leased Lines	303.84
47	Wallace, William	Novato "Toilet" Rebate Program	200.00
48	Thomas & Elizabeth Weldon	Replacement Check- Original Lost in Mail	1,000.00
TOTAL DISBURSEMENTS			<u>\$177,931.84</u>

The foregoing payroll and accounts payable vouchers totaling \$177,931.84 are hereby approved and authorized for payment.



Auditor-Controller

10/16/15

Date



General Manager

10/16/2015

Date

DISBURSEMENTS - DATED OCTOBER 29, 2015

Date Prepared 10/27/15

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 10/15/15	\$126,438.04
EFT*	US Bank	Federal & FICA Taxes PPE10/15/5	52,623.24
EFT*	State of California	State Taxes & SDI PPE 10/15/15	9,384.34
EFT*	CalPERS	Pension Contribution PPE 10/15/15	31,609.13
EFT*	US Bank	Sept Bank Analysis Charge (Lockbox \$912, Credit Card Processing \$735 & Other \$614) (Less Interest Credit of \$203)	2,058.93
1	Aberegg, Michael	Drafting Services: RW Central Service Area East (Balance Remaining on Contract \$36,148)	1,540.00
2	Allen, William	Novato "Toilet" Rebate Program	100.00
3	All Star Rents	Propane (28 gal) (STP)	100.12
4	Alpha Analytical Labs	Lab Testing	1,062.00
5	American Family Life Ins	October Employee Contribution for Accident, Disability & Cancer Insurance	3,877.60
6	Association of Dam Safety Officials	Annual Dues (10/15 - 9/16) (McIntyre) (Budget \$50)	50.00
7	Athens Administrators	Replenishment for Workers' Comp Account Checks Written (1/1 - 3/31/14)	259.48
8	AT&T	Leased Lines	66.99
9	AT&T	Voice, Leased & SCADA Lines	2,884.72
10	Backflow Distributors	Retainer Clip for STP Fire Service	33.83
11	Bena, Jessica	Exp Reimb: CWEA Lab Sampling Class for Contact Hours	110.00
12	Big 4 Rents	Table, Chair (\$298), Podium, Tent (\$185) & Other Misc Rentals for AEEP Dedication (\$593)	1,076.00
13		Vision Reimbursement	361.94

Seq	Payable To	For	Amount
14	Borges & Mahoney	Sensor Unit (STP)	398.87
15	CalPERS	Health Insurance Premium (Employees \$50,044, Retirees \$10,183 & Employee Contrib \$12,077)	72,304.38
16	CDW-Government	RTU Back-up Batteries (4)	370.73
17	Comcast	Oct Office Internet Connection	149.02
18	Core Utilities	Consulting Services: Sept IT Support (\$5,000), SCADA Work for Windhaven RTU (\$800), Programming Labor for 3 New RTU's (\$2,475), Utility Billing Software Modifications (\$375), Website Maintenance (\$450), Programming to Allow Water Service Sign-in & Sign-Out Over the Internet (\$1,400)	10,500.00
19	CSW/Stuber-Stroeh Engineering	Prog Pymt#32: Marin Sonoma Narrows AEEP Project (Balance Remaining on Contract \$19,646)	11,694.50
20	Davis Sign	Recycled Water Signs (35) (6"x18")	495.95
21		Vision & Cafeteria Plan: Uninsured Medical Reimbursement	1,424.22
22	Dreosch, Russell	Novato "Cash for Grass" Rebate Program	400.00
23	Engineering News Record	Subscription Renewal (McIntyre) (2/16-2/17) (Budget \$70)	79.95
24	Environmental Resource Assoc	Reference Sample for pH (Lab)	290.76
25	Environmental Science Assoc	Prog Pymt #40: RW Exp Project So. Service Area (Bal Remaining on Contract \$31,203)	25,005.53
26	Fedak & Brown	Prog Pymt#5: Financial Statement Audit FY15 (Balance Remaining on Contract \$1,970)	1,500.00
27	Ferguson, Anne	Novato "Toilet" Rebate Program	100.00
28	GHD	Prog Pymt#24: PR Well #2 Rehabilitation (Balance Remaining on Contract \$28,129)	105.50
29	Golden Gate Petroleum	Gas (\$2.61/gal) & Diesel (\$2.53/gal)	1,393.22
30		Cafeteria Plan: Uninsured Medical Reimbursement	952.86

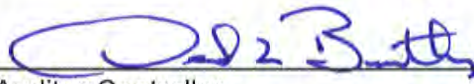
Seq	Payable To	For	Amount
31	Grainger	Carboy (5 gal) (4) (\$152), Battery Pack (2) (\$108) & Trigger Spray Bottle (12)	294.73
32	Groeniger	Pipe Wrap Tape (2" X 100") (18), 3/4" & 1" Compression Gaskets (60) (\$159)	227.93
33	Hertz Equipment Rental	Backhoe Rental (1 month) (while '09 JD Backhoe is under repair)	937.40
34	Hicks, Thomas	Novato "Cash for Grass" Rebate Program	400.00
35	Hirsch, I. H.	Novato "Cash for Grass" Rebate Program	400.00
36	Hopkins Technical Products	Rebuild Kits for Chlorine Dioxide Feed Pumps @ STP	1,918.69
37	IDI-Dupont	Sodium Chlorite (38,360 lbs) (STP)	25,701.20
38	InfoSend	September Processing Fee for Water Bills (\$1,500) & Postage (\$4,362)	5,862.44
39	Intellaprint Systems	Quarterly Maintenance on Engineering Wide Carriage Scanner/Copier (10/15-12/15)	417.00
40	Kehoe, Chris	Exp Reimb: DMV Physical	125.00
41	Kelly, Brian	Novato "Washer" Rebate Program	50.00
42	KP Promotions	Construction Uniforms: Sweatshirts (2), T-shirts (6), Jackets (2) (\$113), Collared Shirts (22) (\$365) & Embroidery (\$160)	740.19
43	LeBrun, Kent	2016 Renewal of D2 Certification (11/15-11/17) (Budget \$60)	80.00
44	Lock-N-Lift	Trench Plate Lifting Tools	160.50
45	Maltby Electric	Conduit (400) (\$169) & Elbows (10)	185.10
46	McLellan, WK	Misc Paving (\$4,660) & Payment Restoration for So Novato Blvd Rowland to Sunset (\$62,540)	67,199.81
47	Drew McIntyre	Exp Reimb: May-Sept 2015 Expenses. Mileage (\$256), Meals (\$50) & BAWWA Membership (\$20) & RW Central CEQA & Notice of Determination (\$50)	376.45

Seq	Payable To	For	Amount
48	McPhail Fuel	Propane for O.M. Pump Station Emergency Generator	695.03
49	Metrohm USA	Guard Column for IC Instrument (4) (Lab)	297.76
50	Molinari, Sabrina	Novato "Cash for Grass" Rebate Program	400.00
51	Mozetti, Denise	Refund Overpayment on Closed Account	83.38
52	Mulholland, Sean	Refund Overpayment on Closed Account	265.37
53	Mutual of Omaha	Nov Group Life Insurance Premium	847.59
54	City of Novato	Street Excavation Moratorium Fee (1085, 1201 & 1111 Cambridge)	1,500.00
55	Pace Supply	Couplings (12) (\$2,813), Flanges (5) (\$186), Elbows (15) (\$752), Nipples (66) (\$353), Reducers (17) (\$128), Check Valves (2), Double Check Valves (2) (\$231), Meter Boxes (3) (\$95), Box Lids (8) (\$290), Tees (9), Valves (16) (\$1,910) & 1" Bushing (30) (\$80)	7,314.72
56	Pace, Michael	Novato "Cash for Grass" Rebate Program	121.00
57	Pacific Utility Products	Landfill Road Rectifier Power Panel (AEEP)	1,184.48
58	Pacific Cascade	Asphalt Paving Markers	314.90
59	Parkinson Accounting Systems	Sept Accounting Software Support	1,413.75
60	Point Reyes Prop Mgmt Assn	October HOA Dues (25 Giacomini Rd)	75.05
61	Prunuske Chatham	Prog Pymt#2: Engineering Services: Leveroni Creek Monitoring (Balance Remaining on Contract \$15,701)	4,298.75
62	Ramudo, Pablo	Exp Reimb for BAWWA Tournament and Dinner Meeting 10/5/15- Meals (\$45), Mileage (\$55)	100.20
63		Childcare Reimbursement	360.00
64	Schneider, Ken	Novato "Cash for Grass" Rebate Program	171.80
65	Schwaab	"Due By" Stamp (Billing)	44.59
66	Shames, Kenneth	Refund Overpayment on Closed Account	100.00
67	Shell	Tool Fuel (7 gal)	21.56

Seq	Payable To	For	Amount
68	Sjoblom, Jeff	Exp Reimb: Safety Boots	200.00
69	Sonoma County Water Agency	Sept Contract Water	410,187.01
70	Spector Soft	Internet Tracking Software (50 Licenses)	2,106.00
71	SPG Solar	Sept Energy Delivered Under Solar Services Agreement	8,477.13
72	SRT Consultants	Progress Pymt#7:Taste & Odor Control Strategy (Balance Remaining on Contract \$9,127)	1,020.00
73	Staples Business Advantage	Copy Paper (60 reams) (\$222), Foam board (2) (30"x40") (\$118) & Sharpies (12)	353.93
74	Staples Credit Plan	Restickable Tabs (54) (\$14) & Sign Holder w/ Stand	20.57
75	Tamagno Green Products	Sludge Removal (76 yds) (STP)	1,900.00
76	Telfer Highway Tech	Refund Security Deposit on Hyd Meter Less Final Bill	723.49
77	Thomas Scientific	Nitrile Gloves (10) (Lab)	83.83
78	Torres, Ismael	Novato "Washer" Rebate Program	50.00
79	Township Building Services	September Janitorial Service	1,822.84
80	United Parcel Service	Delivery Services: MSN B3 Invoices & Backup & Returned pH Probe (STP)	15.95
81	U.S. Bank Card	Graphics Card (\$42) (Eng), PC Monitor (\$207) (Eng), Replacement Printer (Warehouse) (\$163), dt Search License (Schinske) (\$128), Lunch Mtgs (\$101) (DeGabriele), Facebook Conservation Msgs (\$115), Wide Rubberbands (300) (Lab), Colored Pencils (Eng) (\$24) (12), 12-Month Planner (Jackson) (\$22), Holiday Share Fun Night Registration Fee (\$100) (Young), Developing Defensible Water & Wastewater Rates Seminar on 10/14 (Bentley) (\$50) & AEPP Dedication Expenses: Posters/Brochures (\$361), Cupcakes (\$120), Tablecloths (\$32), Ribbon (\$23), Flowers (\$8), Cake, Balloons (\$101), Coffee (\$95) & Tea, Cups (\$11)	1,724.48

Seq	Payable To	For	Amount
82	Verizon California	Leased Line	46.17
83	White & Prescott	Engineering Services: MSN B1 Project (Balance Remaining on Contract \$11,115) & Dentist on Bolling Drive Novato (Balance Remaining on Contract \$10,890)	585.00
84	Yamagata, Kyle	Novato "Toilet" Rebate Program (\$294) & Refund Alternative Compliance Reg 15 Deposit	1,239.00
TOTAL DISBURSEMENTS			<u>\$916,043.62</u>

The foregoing payroll and accounts payable vouchers totaling \$916,043.62 are hereby approved and authorized for payment.

 10/27/15
 Auditor-Controller Date

 10/26/2015
 General Manager Date

BOD
MISC

The Water Supply Reliability and Drought Protection Act of 2016 - \$4.895B

Capture and use of urban runoff and stormwater \$600 M

- Stormwater capture and use \$500 M
- Stormwater capture and use in the Tahoe Basin \$30 M
- Stormwater capture and use in the Santa Monica Mountains \$40 M
- Stormwater capture and use in the San Gabriel and Lower Los Angeles River watershed \$30 M

Water recycling and desalination \$800 M

- Wastewater recycling \$400 M
- Desalination of brackish groundwater \$400 M

Water conservation \$300 M

- Statewide turf removal rebate program
- Reduce water leaks in water distribution systems

Watershed improvement for Water Supply and Water Quality enhancement \$1.86 B

- Watershed protection and restoration
 - Sierra Nevada watersheds \$150 M
 - Lake Tahoe Basin \$60 M
 - San Francisco Bay Area \$100 M
 - Los Angeles, Ventura and Orange Counties:
 - San Gabriel and Lower Los Angeles Rivers \$50 M
 - Santa Monica Mountains \$50 M
 - Santa Ana River \$20 M
 - Baldwin Hills \$25 M
 - San Diego \$40 M
 - Coastal watersheds \$135 M
 - Sacramento and San Joaquin Rivers:
 - Delta \$40 M
 - San Joaquin River \$20 M
 - American River \$30 M
- River Parkways (at least 75% for projects that benefit disadvantaged communities) \$340 M
- LA River \$100 M
- Wildlife Conservation Board \$240 M
- Coachella Valley Mountains Conservancy \$25 M
- Protection and restoration of watershed lands within units of the state parks system \$150 M
- Watershed restoration and conservation projects on agricultural lands \$60 M
- Ocean Protection Council \$100 M
- Salton Sea \$50 M
- Delta Science Program \$5 M
- Urban streams restoration program \$50 M
- Urban forestry projects related to stormwater capture, groundwater recharge, or water quality improvements \$20 M

Land and Water Management for Water Supply Improvement \$100 M

- Improve land management for the purpose of increasing groundwater recharge and water supply

Flood Management for Improved Water Supply \$400 M

- Enlargement and environmental enhancement of floodways and bypasses and improvement of flood control facilities \$100 M
- Repair or reoperation of flood control reservoirs \$100 M
- Flood management and wetlands restoration in the San Francisco bay area \$200 M

Groundwater Sustainability and Storage \$230 M

- Groundwater recharge and storage projects and projects to implement groundwater sustainability plans \$180 M
- Development of groundwater sustainability plans \$50 M

Water for wildlife \$350 M

- To acquire water from willing sellers to improve conditions for fish and wildlife in streams, rivers, wildlife refuges, wetland habitat areas and estuaries \$100 M
- For improving water supply and water quality conditions for fish and wildlife \$50 M
- Salmon and steelhead fisheries restoration projects \$100 M
- Projects to protect migratory birds \$100 M

Funding for Water Measurement \$25 M

- Purchase and installation of water measuring equipment, acquisition of information systems that improve water management

Conservation Corps \$30 M

- Projects to protect, restore and improve watershed lands

Safe Drinking Water \$200 M

- Expenditures, grants, and loans to improve water quality or provide clean, safe drinking water to disadvantaged communities.

and regulations established by the State Water Board.

In another panel, Mesa Water District General Manager Paul Shoenberger moderated a discussion on seawater desalination that featured San Diego County Water Authority Water Resources Director Robert Yamada;

ated a panel on brackish water desalination that included Eastern Municipal Water District General Manager Paul Jones, Calleguas Municipal Water District Manager of Engineering Kristine McCaffrey and Sweetwater Authority General Manager Jim Smyth.

The final panel touched on the eco-

water District and Mesa Water District for sponsoring the event.

The event materials are available on ACWA's website www.acwa.com.

Region 10 will host a program and the membership will meet at ACWA's Fall Conference in Indian Wells. Hope to see you there. ♦

North Marin WD Dedicates the Aqueduct Energy Efficiency Project

North Marin Water District Board of Directors on Oct. 1 dedicated the district's new Aqueduct Energy Efficiency Project at Olompali State Historic Park in Novato.

The project has been under construction for the past three years as a component of the Caltrans Marin-Sonoma Narrows U.S. Highway 101 High Occupancy Vehicle Widening Project. Because of the widening project, much of the existing North Marin Aqueduct running from Petaluma to Novato required relocation. The North Marin Aqueduct, in service since 1961, is the sole water transmission pipeline used to deliver Russian River water into Marin County. The aqueduct annually delivers approximately 80% of NMWD's

Novato water supply and approximately 25% of the Marin Municipal Water District supply.

Relocated portions of aqueduct have been increased in diameter and new sections have been added to improve hydraulic capacity and eliminate the need for the Kastania Pumping Station in South Petaluma. These changes have reduced energy demand, associated greenhouse gas emissions, operational costs, and have improved reliability.

The project cost \$21.9 million, of which Caltrans paid about two-thirds with the remainder paid by NMWD. Marin Municipal Water District is paying 51% of NMWD's share over time pursuant to an interconnection agreement between the two districts. ♦



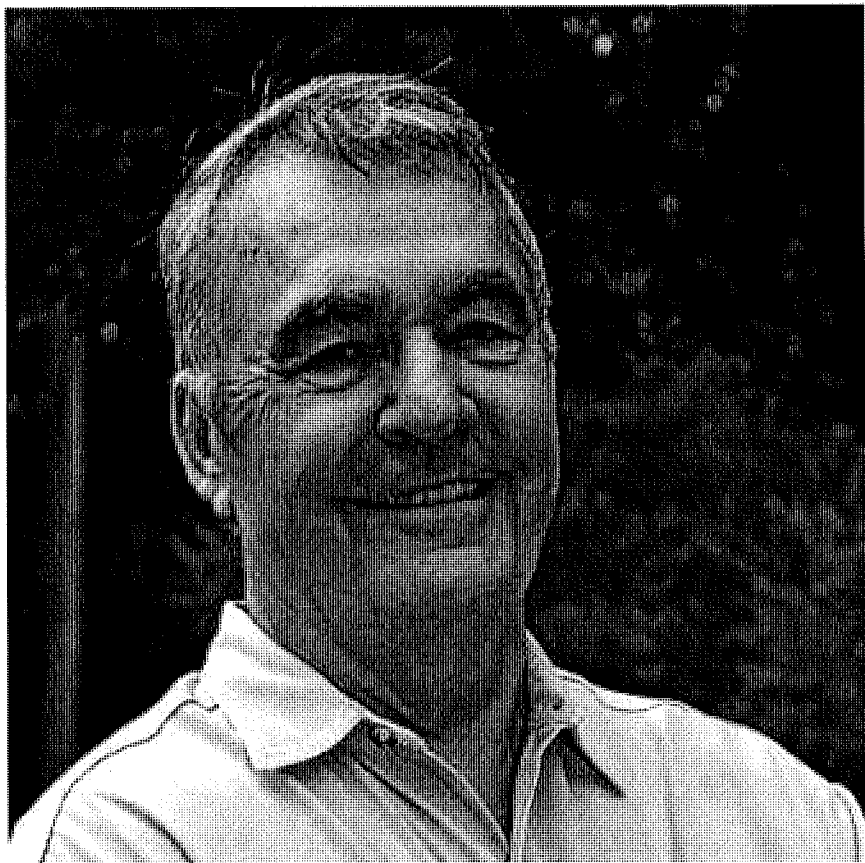
Officials with the North Marin Water District dedicate the district's Aqueduct Energy Efficiency Project Oct. 1 at Olompali State Historic Park in Novato. They are: (l-r) Auditor-Controller David Bentley, Chief Engineer & Assistant General Manager Drew McIntyre, District Secretary Katie Young, NMWD Board Members Rick Fraites, Jack Baker (President) and Dennis Rodoni, and General Manager Chris DeGabriele.

OCTOBER 16, 2015 • 11

ACWA News

10/16/15

Marin names interim parks chief



Pat O'Brien, former veteran head of the East Bay Regional Park District, is in line to become head of Marin county parks department. Courtesy of East Bay Regional Park District

By Nels Johnson, Marin Independent Journal

POSTED: 10/27/15, 7:40 PM PDT | UPDATED: 7 HRS AGO 4 COMMENTS

Pat O'Brien, former veteran head of the East Bay Regional Park District, is in line to become head of the county parks department.

O'Brien, a Terra Linda resident who retired in 2011, will be interim chief until a permanent replacement for former parks chief Linda Dahl is found, according to County Administrator Matthew Hymel.

A seven-month contract of up to \$97,500 for O'Brien will be considered by county supervisors on Nov. 10.

"We're fortunate given his familiarity with Marin to be able to utilize his expertise in leading the department on an interim basis," Hymel said. An extended search for Dahl's replacement is ongoing.

O'Brien, named a "legend in the field" by the American Academy for Park and Recreation Administration in 2009, has served on the Marin Parks and Open Space Commission since last August, and will take a leave of absence from the panel while serving as parks chief.

Ron Miska, the veteran Marin parks official now serving as interim chief, said it will be an honor to work with O'Brien. Miska is retiring Dec. 31 after 27 years.