



BOARD OF DIRECTORS MEETING

AGENDA

**Monday, January 23, 2017
9:30 AM**

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

Members and Consultants unable to attend in person may call in: (602) 567-4030 (Local dial in), (888)227-0011 (Toll Free), Access code: 1980,
<https://conferencing.brwncaid.com/conference/1980>

- 1. Call to Order (1 minute)**
- 2. Roll Call (1 minute)**
- 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. Non-English speakers using a translator will have a time limit of six 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)**
- 5. Board Meeting Minutes of December 19, 2016 (2 minutes)**
(The Board will consider approving the minutes from the December 19, 2016 Board meeting.)
- 6. Election of Officers**
(The Board will elect a Chair and Vice Chair for 2017)

Action
Pages 5 – 7

Action
Pages 8 – 9

**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

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| Information and Discussion
Pages 11 – 14
Pages 15 – 24
Page 25 | 7. Report from the Chair (10 minutes)
(The Chair will report on the following items.)
7.a Consultant Progress Reports
7.b Financial Reports
7.c 2017 Meeting Dates |
| Information and Discussion
Pages 26 – 27 | 8. Board Information Requests (2 minutes)
(The Board will be provided with a brief update on their information requests.) |
| Action
Pages 28 – 31 | 9. FY2016/17 Budget – Amend to Include New Member Projects (10 minutes)
(The Board will consider the recommended FY 2016/17 Budget Amendment to include new member projects.) |
| Information
Pages 32 – 42 | 10. Program Development, Federal, and State Advocacy Update (15 minutes)
(The Board will be updated on Program Development, Federal and State Advocacy activities.) |
| Information
Pages 43 – 45 | 11. Engineering, Environmental, and Public Involvement Services Report (5 minutes)
(The Board will be updated on Engineering, environmental, and Public Involvement Services activities) |
| Information and Discussion
Pages 46 – 86 | 12. NBWRA Alternatives and Moving Forward (30 minutes)
(The Board will be updated on and discuss NBWRA alternatives and moving forward.) |
| Discussion
Pages 87 – 88 | 13. Items for Future Discussion and Action (5 minutes)
(The Board will consider items for future discussion and action.) |
| Information
Page 89 | 14. Comments from Chair and Board Members (5 minutes)
(The Chair and Board members may make brief announcements or reports on his or her own activities, pose questions for clarification, and/or request that items be placed on a future agenda. Except as authorized by law, no other discussion or action may be taken.) |
| Page 90 | 15. Adjournment (1 minute) |

Next Board Meeting
Monday, March 27, 2017, 9:30 A. M., Novato City Hall

(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.)

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NBWRA Board Meeting

January 23, 2017



Today's Agenda

- 💧 Items 1-5: Meeting Business
- 💧 Item 6: Election of Officers
- 💧 Item 7: Report from the Chair
- 💧 Item 8: Board Information Requests
- 💧 Item 9: FY 2016/17 Budget – Amend to include New Member Projects
- 💧 Item 10: Program Development, Federal and State Advocacy
- 💧 Item 11: Engineering, Environmental Services and Public Outreach
- 💧 Item 12: NBWRA Alternatives and Moving Forward
- 💧 Item 13: Items for Future Discussion and Action
- 💧 Item 14: Comments from Chair and Board Members
- 💧 Item 15: Adjourn

**North Bay Water Reuse Authority
Board of Directors Meeting
Minutes
December 19, 2016**

1. Call to Order

Chair Rabbitt called the meeting to order at 9:35 a.m. on Monday, December 19, 2016 at the Novato Sanitary District, 500 Davidson Street, Novato, CA. Consultants and others who were unable to attend participated via telephone, 1 (602) 567-4030, access code 2231;
<https://Conferencing.brwnald.com/conference/2231>

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
	Jason Holley	City of American Canyon
	Pam Jeane	Sonoma Valley County Sanitation District
	Drew McIntyre	North Marin Water District
	Dan St. John	City of Petaluma
	Jill Techel	Napa Sanitation District

ABSENT: Marin County

OTHERS

PRESENT:	Chuck Weir, Program Manager	Weir Technical Services
	Kevin Booker	Sonoma County Water Agency
	Ginger Bryant	Bryant & Associates
	Jill Chamberlain	Brown and Caldwell
	Anne Crealock	Sonoma County Water Agency
	David Graves	Napa Sanitation District
	Sandeep Karkal	Novato Sanitary District
	Mark Millan	Data Instincts
	Phil Miller	Napa County
	Pilar Oñate-Quintana	The Oñate Group (by telephone)
	Mike Savage	Brown and Caldwell
	Brad Sherwood	Sonoma County Water Agency
	Jake Spaulding	Sonoma County Water Agency
	Dawn Taffler	Kennedy Jenks Consultants (by telephone)
	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 not made.

5. Board Meeting Minutes of October 24, 2016.

A motion by Director Caldwell, seconded by Director Long to approve the October 24, 2016 minutes as presented was approved with one abstention.

6. Report from the Chair

a. Consultant Progress Reports

The Board reviewed the consultant progress reports for October and November 2016.

b. Financial Reports

The Board reviewed the Financial Reports for the period ending November 30, 2016.

c. Recognize Supervisor Keith Caldwell's Contributions

The Chair and the Board recognized Supervisor Keith Caldwell for his many years of service to the region, Napa County, and NBWRA. Chair Rabbitt presented Supervisor Caldwell with a plaque. Vice Chair Long noted that Supervisor Caldwell participated in NBWRA before he was elected to the Board of Supervisors and appointed to the NBWRA Board. Supervisor Caldwell noted that it has been an honor and a privilege to work with NBWRA and NBWA. He cited the quality of the organizations and projects.

7. Board Information Requests

Chair Rabbitt provided an update to the Membership Brochure development. The brochure will be finalized after decisions are made on new members at the January 2017 meeting.

8. FY2016/17 Budget Amendments

Chair Rabbitt and Mike Savage provided a summary. Chair Rabbitt noted that the budget for the rest of FY16/17 needs to be approved to continue business through the end of the fiscal year. Savage noted that the cost sharing may change if additional agencies join NBWRA in January 2017. Jake Spaulding discussed the status of the reconciliation of Phase 1 costs and that a detailed report would be presented at the January 23, 2017 meeting.

A motion by Director Elias, seconded by Director Caldwell, to approve the FY2016/17 Budget Amendments was unanimously approved.

9. Program Development, Federal, and State Advocacy Update

Ginger Bryant provided a summary of Program Development and Federal Advocacy, including a summary of The Water Infrastructure Improvements for the Nation Act (WIIN). Included in this legislation was the California Drought Bill Rider that was sponsored by Senator Feinstein. The Act includes increase in funding for WaterSMART grants and Title XVI reforms that created a new program for unauthorized projects. She also noted that Ryan Zinke (R-MT) has been nominated to head the Department of Interior and that they are tracking other appointment in the new administration.

Pilar Oñate-Quintana provided a summary of State Advocacy activities, including the fact that the Democrats now have a 2/3 supermajority in both houses. SB 5 (DeLeon) and AB 18 (Garcia) have been introduced as major water related bonds. Both are multi-billion dollar items and are

likely to be combined at some point. She also described the likelihood that Senator Hertzberg will reintroduce his ocean discharge reduction mandate legislation. She has also been working with WateReuse in the development of legislation for direct potable reuse (DPR). Lastly she noted that they are working on possible dates for the next NBWRA Day in the Capitol and the possibility of organizing a tour for newly elected Assemblywoman Cecilia Aguilar-Curry and her staff.

10. Engineering, Environmental, and Public Involvement Services Report

Mark Millan discussed progress on updating the 4 page overview and preparing a one-sheet brochure for potential new members. Jill Chamberlain provided an update on the status of the Feasibility Study Report as well as the future schedule for the EIR/EIS analysis.

11. Items for Future Discussion and Action

Chair Rabbitt gave a brief summary of items for the January 23, 2017 meeting, including State legislative issues, Federal administration, Federal legislation and funding opportunities, and a discussion on the FY 17/18 Budget. Ginger Bryant noted that the schedule for meetings in 2017 will also need to be discussed.

12. Comments from Chair and Board Members

Dan St. John indicated that the City of Petaluma is conducting a rate study that will include NBWRA costs. .

13. Adjournment

Chair Rabbitt adjourned the meeting at 10:45 a.m. The next meeting will be Monday, January 23, 2017 at 9:30 a.m. at Novato City Hall Council Chambers.

Minutes approved by the Board _____.

Charles V. Weir
Program Manager

C:\Users\Chuck\Documents\Weir Technical Services\NBWRA\Agendas\2016\2016-12\2016-12-19_NBWRA_Board_Minutes.docx

Election of Officers

Item 6



Election of Officers

- 💧 The Board will elect a Chair and Vice Chair for 2017

Report from the Chair

Item 7



**North Bay Water Reuse Authority
Program Development, Federal and State Advocacy
December 2016 Activity Summary's**

Bryant & Associates ~ Program Development

- Participated in Program Management, Federal and State Advocacy Management Call
- Prepared information for and attended December Board meeting
- Worked with team on new member agency information
- Worked with USBR Mid-pacific on title XVI program criteria
- Activities in coordination with The Ferguson Group:
 - Coordinated on final activities re Drought Legislation inclusion in WIIN

The Ferguson Group ~ Federal Advocacy

- **Drought Legislation.** TFG continued to work to secure congressional support for the construction of unauthorized Title XVI projects, expansion of WaterSMART and federally backed financing for water storage projects. On the December 10, the Senate passed the “Water Infrastructure Improvements for the Nation (WIIN) Act” ([S. 612](#)), which includes the California drought relief bill, by a vote of [78-21](#). The vote came two days after the House of Representatives passed the WIIN Act by a vote of [360-61](#), with 17 House Republicans and 44 House Democrats voting against the bill. The final California drought relief package includes an authorization of \$50 million to support the construction of currently unauthorized water reuse projects and recycling projects, authorizes \$100 million for WaterSMART and creates an opportunity for Water Infrastructure Finance and Innovation Act (WIFIA) assistance (long-term, low-cost financing) to be made available for not only water recycling projects, but to projects that provide **“alternative water supplies to reduce aquifer depletion.”** The bill also expands the use of WIFIA assistance to include projects that **“prevent, reduce, or mitigate the effects of drought, including projects that enhance the resilience of drought-stricken watersheds.”** This latter change opens up the EPA WIFIA program to potentially be a source of financing for large-scale water supply projects of all kinds, including the water storage components of Phase 2.
- **Phase 2 Authorization.** Work continued on options to address the Phase 2 authorization ambiguities. TFG had follow up conversations with Reclamation’s Policy and Administration Office in Denver, CO, regarding the Phase 2 authorization issues. The Denver staff are reviewing the American Law Division report that confirms that Reclamation would be justified in determining that Phase 2 is authorized for construction under Title XVI. Additional follow up is planned with Reclamation in January.

The Onate Group ~ State Advocacy

- Participated in WateReuse calls/other communications pertaining to anticipated WateReuse-sponsored legislation on DPR.
- Continued initial planning with NBWRA consultants/staff/leadership regarding NBWRA legislative/Capitol meetings in 2017 (re: introductory meetings, ocean discharge issue, etc.)
- Prepared state advocacy presentation information for December board meeting and provided verbal update during December meeting.



AGREEMENT FOR ENGINEERING, ENVIRONMENTAL, AND PUBLIC OUTREACH SERVICES FOR NORTH BAY WATER REUSE AUTHORITY

ACTIVITIES: DECEMBER 1, 2016 THROUGH DECEMBER 29, 2016

TASK 1 WORKSHOPS/PUBLIC OUTREACH/MGT

1.1 Workshops

- Meeting for Program review and review of BC Team costs with SCWA staff & NBWRA Board Chairman.
- Conference calls, meetings, and materials preparation for December 19, 2016 Board meeting
- Presentation developed regarding calculations, analysis and summaries of Program cost allocation methods
- Attendance at December 19, 2016 Board meeting
- Conference Calls with each Member Agency to discuss the assumptions, scenarios and calculations for potential cost allocation methods
- Communication with MMWD and American Canyon regarding potential addition to Phase 2 of the NBWRP

1.3 Public Involvement

- Phone calls with project team members for collaboration on preparation of upcoming Board Workshop and Meetings.
- Updating and maintaining relevant program content and news articles on project web site.
- Provide project information to Board members as requested.
- Prepare certificate of recognition for retiring Supervisor Caldwell

1.4 Administration

- Performed project invoicing and developed activities report

TASK 2 TITLE XVI FEASIBILITY STUDY/REPORT

- Review materials on American Canyon and MMWD recycled water projects
- Update cost spreadsheet to include American Canyon and MMWD recycled water projects
- Uploaded final report sections
- Ran additional cost allocation analysis based on various methods considered and compared to previous methods used.

Activities cover the following subtasks:

- Task 2.4 Analysis of Alternatives

TASK 3 ENVIRONMENTAL EVALUATION

3.1 Environmental Constraints Analysis

- No Activity

3.2 Environmental Compliance – NEPA/CEQA

- No Activity

TASK 4 FINANCIAL CAPABILITIES DETERMINATION

- No Activity

TASK 5 PHASE 2 GRANT APPLICATION AND MANAGEMENT

- Reviewed current status of Program and costs

TASK 6 PHASE 1 SERVICES

6.1 Program Support and Coordination

- No Activity

6.2 State Grant Support

- No Activity

6.3 Federal Grant Support

- No Activity

Additional Services

- No Activity

Weir Technical Services
Program Management Services for North Bay Water Reuse Authority (FY 2014/2015, FY
2015/2016, FY 2016/2017)

Sonoma County Water Agency Order Number 7630A1

December 2016 Progress Report

2.1 Task 1: Authority Board of Directors (Board) and Technical Advisory Committee (TAC) Meeting Management

- Prepared and distributed December 19, 2016 Board Agenda packet. Sent Agenda to member agencies for Brown Act posting.
- Traveled to and from office to Novato to attend December 19, 2016 Board meeting.
- Drafted December 19, 2016 Board meeting minutes and distributed for review. Revised minutes based on comments received.
- Sent Outlook appointment for January 23, 2017 Board meeting. Inquired as to meeting dates for rest of 2017.
- Reviewed news items from outreach consultant, program development consultant, and State lobbyist.

2.2 Task 2: Financial Management

- Updated consultant cost tracking worksheet.
- Reviewed and responded to emails from Agency regarding truing up of Phase 1 costs.

2.3 Task 3: Project Support and Review

- No activity was conducted on this task during the reporting period.

2.4 Task 4: Program Planning

- Prepared and submitted November 2016 Invoice for Program Management services. Updated accounting files.

2.5 Task 5: Governance Issues

- No activity was conducted on this task during the reporting period.

North Bay Water Reuse Authority

January 19, 2017

Consultant Cost Tracking

Fiscal Year 2014/15 through Fiscal Year 2016/17

Only FY2014/15 and FY2015/16 have been approved	Oct-16	Nov-16	Dec-16	FY14/15 Final	FY15/16 YTD	FY16/17 YTD	3 FY Total	Amount Remaining	Percent Remaining	Approved 5/19/14	Approved 4/27/15	Approved 4/25/16	Proposed
Phase 1 Support										FY2014/15	FY2015/16	FY2016/17	3-Year Total
Grant Applications and Management - CDM Smith				20,122	-	-	20,122	49,682	39.75%	125,000	-	-	-
Grant Applications and Management - B&C	5,184	576		36,495	72,241	6,018	114,754	82,865	41.93%	72,628	77,998	46,993	197,619
Program Development (40% of \$190,200 total) - Bryant	6,168	6,413	6,043	81,743	76,346	37,971	196,060	32,180	14.10%	76,080	76,080	76,080	228,240
Federal Advocacy (30% of \$88,000 total) - TFG sub to Bryant	2,567	3,199	2,570	27,979	32,042	16,413	76,435	50,765	39.91%	26,400	50,400	50,400	127,200
Total Costs for Phase 1 Support	13,919	10,187	8,613	166,340	180,629	60,402	407,372	165,810	29.98%	175,108	204,478	173,473	553,059

Note: CDM Smith had an agreement for \$125,000 that spanned more than one fiscal year and ran through June 30, 2015.

Note: \$24,000 moved from B&C approved FY2015/16 budget and added to TFG (FY16/17 too but not from B&C) per modification to Bryant agreement. Split 30% P1 and 70% P2.

Note: June 2015 also includes a charge from ESA of \$2948.75 for environmental analysis not included in the totals above. It was charged to a previously approved agreement and budget.

Phase 2 Support										FY2014/15	FY2015/16	FY2016/17	3-Year Total
Program Development (60% of \$190,200 total) - Bryant	9,253	9,619	9,064	112,885	114,519	56,957	284,360	58,000	16.94%	114,120	114,120	114,120	342,360
Federal Advocacy (70% of \$88,000 total) - TFG sub to Bryant	5,989	7,463	5,998	59,228	74,765	37,277	171,270	37,530	17.97%	61,600	85,600	61,600	208,800
Total Costs for Phase 2 Support	15,242	17,083	15,062	172,112	189,284	94,234	455,630	95,530	17.33%	175,720	199,720	175,720	551,160

Note: See note above regarding B&C, Bryant, and TFG.

Phase 2 Feasibility Study - Three Years										FY2014/15	FY2015/16	FY2016/17	3-Year Total
Engineering, Environmental, and Outreach Services - B&C	36,242	44,764	33,728	460,660	874,799	234,826	1,570,285	1,224,475	43.81%	823,335	907,636	1,063,789	2,794,760
SCWA Administration, Grants, and EIR/EIS	14,599	3,767	7,465	32,013	41,447	43,771	117,231	282,769	21.54%	116,836	132,205	150,958	400,000
Total Costs for Study	50,841	48,531	41,192	492,673	916,245	278,597	1,408,919	1,785,841	58.67%	940,171	1,039,841	1,214,747	3,194,760
Total Costs for Phase 2	66,083	65,614	56,254	664,786	1,105,530	372,831	2,143,146	212,306	9.01%	1,115,891	1,239,561	1,390,467	3,745,920

Joint Use										FY2014/15	FY2015/16	FY2016/17	3-Year Total
Program Management - Weir	3,320	2,469	2,955	46,917	51,582	23,895	122,394	99,106	44.74%	70,500	75,500	75,500	221,500
State Advocacy - The Onate Group (Sub to Bryant)	3,700	3,700	3,700	36,000	36,000	22,200	94,200	22,200	19.07%	36,000	36,000	44,400	116,400
SCWA Administration	12,410	4,997	2,011	73,702	152,302	37,544	263,548	141,452	44.99%	135,000	135,000	135,000	405,000
Total Costs for Joint Use	19,430	11,165	8,665	156,619	239,884	83,639	480,142	262,758	49.35%	241,500	246,500	254,900	742,900

Note: Weir costs for July - September, 2014, \$10,650, are under prior agreement through Sept. 30, 2014.

Note: \$8,400 added to State Advocacy for FY16/17.

Total Costs										FY2014/15	FY2015/16	FY2016/17	3-Year Total
Weir	3,320	2,469	2,955	46,917	51,582	23,895	122,394	99,106	44.74%	70,500	75,500	75,500	221,500
Bryant & Associates	27,677	30,394	27,375	308,725	333,672	170,818	813,215	209,785	20.51%	314,200	362,200	346,600	1,023,000
Brown & Caldwell	41,426	45,340	33,728	494,736	947,040	240,844	1,682,620	1,309,759	43.77%	895,963	985,634	1,110,782	2,992,379
CDM Smith	-	-	-	20,122	-	-	20,122	29,560	23.65%	-	-	-	-
SCWA Administration, Grants, and EIR/EIS	27,009	8,763	9,475	105,715	193,749	63,374	362,838	442,162	54.93%	251,836	267,205	285,958	805,000
Total Costs for NBWRA	99,431	86,966	73,533	956,093	1,526,043		2,482,136	2,060,811	40.87%	1,532,499	1,690,539	1,818,840	5,041,879

Note: CDM Smith costs not included in fiscal year totals as they were previously approved in prior fiscal years.

**North Bay Water Reuse Authority
Monthly Project Cost Summary
as of January 14, 2017**

TOTAL FY 16/17 PROJECT COSTS

Project	Consultant	Original Budget	Amend	Revised Budget	Original Contract	Amend	Total Contract	Uncommitted	Total Expenses	Remaining	% Avail.
Program Management	Weir Technical Services	133,650	(37,750)	95,900	133,650	-	133,650	(37,750)	20,940	112,710	84.3%
Planning, Engineering and Funding Management	B&C	1,569,404	-	1,569,404	1,517,532	-	1,517,532	51,872	72,802	1,444,731	95.2%
Program Development and Federal Funding	Bryant & Associates	342,361	-	342,361	318,361	-	318,361	24,000	112,869	205,491	64.5%
SCWA Administration	SCWA	518,483	(150,479)	368,004	518,483	(150,479)	368,004	-	92,329	275,675	74.9%
TOTAL BUDGET		\$ 2,563,898	\$ (188,229)	\$ 2,375,669	\$ 2,488,026	\$ (150,479)	\$ 2,337,547	\$ 38,122	\$ 298,940	\$ 2,038,607	87.2%

Uncommitted indicates either a contract has not been issued, an existing contract has not yet been amended per approved NBWRA FY Budgets, or funds have been released from contract.

1. Carryover from FY15/16 included

FY14/15 & 15/16 Agreement Rollovers

Project	Consultant	Original Budget	Amend	Carryover	Original Contract (remaining)	Amend	Total Contract	Uncommitted	Total Expenses	Remaining	% Avail.
Program Management (Joint Use)	Weir	58,150	-	58,150	58,150	-	58,150	-	20,940	37,210	64.0%
Planning, Engineering and Funding Management PHASE 1	B&C	20,309	-	20,309	20,309	-	20,309	-	258	20,051	98.7%
Planning, Engineering and Funding Management PHASE 2	B&C	386,441	-	386,441	386,441	-	386,441	-	72,544	313,898	81.2%
Program Development and Federal Funding PHASE 1	Bryant & Associates	(4,683)	-	(4,683)	(4,683)	-	(4,683)	-	-	(4,683)	100.0%
Program Development and Federal Funding PHASE 2	Bryant & Associates	8,844	-	8,844	8,844	-	8,844	-	-	8,844	100.0%
SCWA Administration Phase 2	SCWA	186,483	-	186,483	186,483	-	186,483	-	48,791	137,693	73.8%
SCWA Administration Joint Use	SCWA	46,042	-	46,042	46,042	-	46,042	-	43,539	2,503	5.4%
TOTAL BUDGET		\$ 701,586	\$ -	\$ 701,586	\$ 701,586	\$ -	\$ 701,586	\$ -	\$ 186,071	\$ 515,515	73.48%

1. GBA discrepancy is due to FY15/16 error that is pending correction

Phase 1

Project	Consultant	Original Budget	Amend	Revised Budget	Original Contract	Amend	Total Contract	Uncommitted	Total Expenses	Remaining	% Avail.
Grant Applications and Management	B&C	46,993	-	46,993	46,993	-	46,993	-	-	46,993	100.0%
Program Development & Federal Advocacy	Bryant & Associates	102,480	-	102,480	102,480	-	102,480	-	35,800	66,680	65.1%
TOTAL BUDGET		\$ 149,473	\$ -	\$ 149,473	\$ 149,473	\$ -	\$ 149,473	\$ -	\$ 35,800	\$ 113,673	76.05%

Phase 2

Project	Consultant	Original Budget	Amend	Revised Budget	Original Contract	Amend	Total Contract	Uncommitted	Total Expenses	Remaining	% Avail.
Engineering, Environmental, and Outreach Services	B&C	1,115,661	-	1,115,661	1,063,789	-	1,063,789	51,872	-	1,063,789	100.0%
Program Development & Federal Advocacy	Bryant & Associates	199,720	-	199,720	175,720	-	175,720	24,000	62,270	113,450	64.6%
Administration - Grants and EIR/EIS	SCWA	150,958	(75,479)	75,479	150,958	(75,479)	75,479	-	-	75,479	100.0%
TOTAL BUDGET		\$ 1,466,339	\$ (75,479)	\$ 1,390,860	\$ 1,390,467	\$ (75,479)	\$ 1,314,988	\$ 75,872	\$ 62,270	\$ 1,252,718	95.26%

Joint Use

Project	Consultant	Original Budget	Amend	Revised Budget	Original Contract	Amend	Total Contract	Uncommitted	Total Expenses	Remaining	% Avail.
Program Management	Weir	75,500	(37,750)	37,750	75,500	-	75,500	(37,750)	-	75,500	100.0%
State Funding / State Outreach	Bryant & Associates	36,000	8,400	44,400	36,000	-	36,000	8,400	14,800	21,200	58.9%
Admin Agency Services	SCWA	135,000	(75,000)	60,000	135,000	(75,000)	60,000	-	-	60,000	100.0%
TOTAL BUDGET		\$ 246,500	\$ (104,350)	\$ 142,150	\$ 246,500	\$ (75,000)	\$ 171,500	\$ (29,350)	\$ 14,800	\$ 156,700	91.37%

Total FY16/17 Budget for all Phases	\$1,682,483
Total including rollovers from FY16/17 & amendments	\$2,337,547

2016/17 Budget Allocations

PHASE 1										
<i>Approved by Board May 19, 2014</i> <i>Reapproved FY 15/16 on April 27, 2015</i> <i>Reapproved FY 16/17 on April 25, 2016</i>										
	Total Budget	Las Gallinas Sanitary District	Napa Sanitation District	Novato Sanitary District	Sonoma Valley County Sanitation District	Sonoma County Water Agency	Napa County	North Marin Water District		
% Share of Benefit (3rd Amended MOU)		7.239%	31.894%	8.611%	27.473%	3.571%	3.571%	17.640%		
BUDGETED EXPENSE ITEM										
Grant Applications and Management - B&C	\$ 46,993	\$ 3,402	\$ 14,988	\$ 4,047	\$ 12,910	\$ 1,678	\$ 1,678	\$ 8,290		
Program Development (40% of total) - Bryant	\$ 76,080	\$ 5,507	\$ 24,265	\$ 6,551	\$ 20,901	\$ 2,717	\$ 2,717	\$ 13,420		
Federal Advocacy (30% of total) - TFG sub to Bryant	\$ 26,400	\$ 1,911	\$ 8,420	\$ 2,273	\$ 7,253	\$ 943	\$ 943	\$ 4,657		
Contingency - included in consultant costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
TOTAL CONSULTANT BUDGET	\$ 149,473	\$ 10,820.00	\$ 47,675	\$ 12,871.00	\$ 41,064.00	\$ 5,338.00	\$ 5,338.00	\$ 26,367.00		

PHASE 2										
<i>Approved by Board May 19, 2014</i> <i>Reapproved FY 15/16 on April 27, 2015</i> <i>Reapproved FY 16/17 on April 25, 2016</i>										
Total Budget	Las Gallinas Sanitary District	Napa Sanitation District	Novato Sanitary District	Sonoma Valley County Sanitation District	Sonoma County Water Agency	Napa County	North Marin Water District	City of Petaluma	Marin Municipal Water District	
% Share of Benefit (3rd Amended MOU)	0.000%	35.188%	26.682%	3.911%	10.886%	0.000%	0.000%	23.333%	0.000%	
BUDGETED EXPENSE ITEM										
Program Development (60% of total) - Bryant	\$ 114,120	\$ -	\$ 40,156	\$ 30,449	\$ 4,464	\$ 12,423	\$ -	\$ 26,628	\$ -	
Federal Advocacy (30% of total) - TFG sub to Bryant	\$ 85,600	\$ -	\$ 30,121	\$ 22,840	\$ 3,348	\$ 9,318	\$ -	\$ 19,973	\$ -	
Engineering, Environmental, and Outreach Services - B&C	\$ 1,115,661	\$ -	\$ 392,575	\$ 297,677	\$ 43,638	\$ 121,450	\$ -	\$ 260,321	\$ -	
SCWA Administration - Grants and EIR/EIS	\$ 150,958	\$ -	\$ 53,119	\$ 40,278	\$ 5,905	\$ 16,433	\$ -	\$ 35,224	\$ -	
Contingency	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
TOTAL CONSULTANT BUDGET	\$ 1,466,339	\$ -	\$ 515,970	\$ 391,244	\$ 57,355	\$ 159,624	\$ -	\$ 342,146	\$ -	

Joint Use										
<i>Approved by Board May 19, 2014</i> <i>Reapproved FY 15/16 on April 27, 2015</i> <i>Reapproved FY 16/17 on April 25, 2016</i>										
Total Budget	Las Gallinas Sanitary District	Napa Sanitation District	Novato Sanitary District	Sonoma Valley County Sanitation District	Sonoma County Water Agency	Napa County	North Marin Water District	City of Petaluma	Marin Municipal Water District	
% Share of Benefit (3rd Amended MOU)	12.500%	12.500%	12.500%	12.500%	12.500%	12.500%	12.500%	12.500%	0.000%	
BUDGETED EXPENSE ITEM										
Program Management - Weir	\$ 75,500	\$ 9,438	\$ 9,438	\$ 9,438	\$ 9,438	\$ 9,438	\$ 9,438	\$ 9,438	\$ -	
State Advocacy - The Onate Group (Sub to Bryant)	\$ 44,400	\$ 5,550	\$ 5,550	\$ 5,550	\$ 5,550	\$ 5,550	\$ 5,550	\$ 5,550	\$ -	
SCWA Administration	\$ 135,000	\$ 16,875	\$ 16,875	\$ 16,875	\$ 16,875	\$ 16,875	\$ 16,875	\$ 16,875	\$ -	
Contingency - included in consultant costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
TOTAL CONSULTANT BUDGET	\$ 254,900	\$ 31,862	\$ 31,863	\$ 31,863	\$ 31,863	\$ 31,863	\$ 31,863	\$ 31,862	\$ 31,863	\$ -

Totals - As Budgeted										
<i>Approved by Board May 19, 2014</i> <i>Reapproved FY 15/16 on April 27, 2015</i> <i>Reapproved FY 16/17 on April 25, 2016</i>										
Total Budget	Las Gallinas Sanitary District	Napa Sanitation District	Novato Sanitary District	Sonoma Valley County Sanitation District	Sonoma County Water Agency	Napa County	North Marin Water District	City of Petaluma	Marin Municipal Water District	
Total Phase 1 FY16/17	\$ 149,473	\$ 10,820	\$ 47,675	\$ 12,871	\$ 41,064	\$ 5,338	\$ 5,338	\$ 26,367	\$ -	\$ -
Total Phase 2 FY16/17	\$ 1,466,339	\$ -	\$ 515,970	\$ 391,244	\$ 57,355	\$ 159,624	\$ -	\$ 342,146	\$ -	\$ -
Total Joint Phase FY16/17	\$ 254,900	\$ 31,862	\$ 31,863	\$ 31,863	\$ 31,863	\$ 31,863	\$ 31,863	\$ 31,862	\$ 31,863	\$ -
Total Phase 1, 2 and Joint FY16/17	\$ 1,870,712	\$ 42,682	\$ 595,508	\$ 435,978	\$ 130,282	\$ 196,825	\$ 37,201	\$ 58,229	\$ 374,009	\$ -

Notes:

\$1 added/subtracted to correct rounding issues

North Bay Water Reuse Authority
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as of January 14, 2017
PHASE 1

Item No. 7b

Date	Description	Amount	
	Beginning Balance	112,416.92	b
7/28/2016	LGVSD - Phase I Fee (WTRN-20)	5,410.00	d
9/12/2016	County of Napa - Phase I Fee (WTRN - 18)	2,669.00	d
7/28/2016	Napa San - Phase I Fee (WTRN-17)	23,838.00	d
7/27/2016	NMWD - Phase I Fee (WTRN-19)	13,184.00	d
8/23/2016	SCWA - Phase I Fee (WTRN-21)	2,669.00	d
7/28/2016	Novato San - Phase I Fee (WTRN-16)	6,436.00	d
8/23/2016	SVCSD - Phase I Fee (WTRN-22)	20,532.00	d
8/24/2016	Bryant & Associates July 2016	(8,675.87)	p ba3
9/15/2016	Bryant & Associates August 2016	(8,603.77)	p ba3
9/16/2016	Brown & Caldwell Invoice 11273606	(258.00)	p bc2
10/12/2016	Bryant & Associates September 2016	(9,784.86)	p ba3
11/14/2016	Bryant & Associates October 2016	(8,735.16)	p ba3

Current NBWRA Balance **151,097.26**

PENDING

Bryant & Associates Correction	7,200.00	ba2
Bryant & Associates November 2016	(9,611.42)	ba3
Brown & Caldwell Invoice 11280312	(5,184.00)	bc2
Brown & Caldwell Invoice 11281805	(576.00)	bc2
Bryant & Associates December 2016	(8,613.08)	

Projected Balance **151,097.26**

NBWRA Reconciliation		
Beginning Balance	112,416.92	b
Deposits	74,738.00	d
Interest Earnings	-	i
Payments	(36,057.66)	p
	<u>151,097.26</u>	

Las Galinas	Napa	Novato	SVCSD	SCWA	Napa County	North Marin Water Dist.
4,562.59	37,338.88	6,394.06	31,452.01	4,749.72	4,603.75	23,315.91
5,410.00					2,669.00	
	23,838.00					
				2,669.00		13,184.00
		6,436.00				
			20,532.00			
(628.03)	(2,767.12)	(747.09)	(2,383.51)	(309.85)	(309.85)	(1,530.42)
(622.81)	(2,744.12)	(740.88)	(2,363.70)	(307.28)	(307.28)	(1,517.70)
(18.68)	(82.29)	(22.22)	(70.88)	(9.21)	(9.21)	(45.51)
(708.31)	(3,120.82)	(842.58)	(2,688.18)	(349.46)	(349.46)	(1,726.04)
(632.32)	(2,786.03)	(752.19)	(2,399.80)	(311.97)	(311.97)	(1,540.88)
7,362.43	49,676.50	9,725.10	42,077.95	6,130.95	5,984.98	30,139.36
521.20	2,296.40	620.00	1,978.04	257.14	257.14	1,270.08
(695.76)	(3,065.51)	(827.65)	(2,640.53)	(343.27)	(343.27)	(1,695.45)
(375.26)	(1,653.41)	(446.40)	(1,424.19)	(185.14)	(185.14)	(914.45)
(41.70)	(183.71)	(49.60)	(158.24)	(20.57)	(20.57)	(101.61)
(623.49)	(2,747.09)	(741.68)	(2,366.26)	(307.61)	(307.61)	(1,519.34)
7,362.43	49,676.50	9,725.10	42,077.95	6,130.95	5,984.98	30,139.36

LG	Napa	Nov	SV	SCWA	Napa County	North Marin
4.87%	32.88%	6.44%	27.85%	4.06%	3.96%	19.95%
4,562.59	37,338.88	6,394.06	31,452.01	4,749.72	4,603.75	23,315.91
5,410.00	23,838.00	6,436.00	20,532.00	2,669.00	2,669.00	13,184.00
-	-	-	-	-	-	-
(2,610.16)	(11,500.38)	(3,104.96)	(9,906.06)	(1,287.77)	(1,287.77)	(6,360.55)
7,362.43	49,676.50	9,725.10	42,077.95	6,130.95	5,984.98	30,139.36

NBWRA Obligations						
Vendor	Encumbrances		Paid to date	Adjustments	Balance	% Spent
B&C FY15/16	20,309.01	bc2	258.00	-	20,051.01	1%
B&C FY16/17	46,993.00	bc3	-	-	46,993.00	0%
Bryant & Associates FY15/16	(4,683.21)	ba2	-	-	(4,683.21)	0%
Bryant & Associates FY16/17	102,480.00	ba3	35,799.66	-	66,680.34	35%
Total	165,098.80		36,057.66	-	129,041.14	
	Unencumbered		Spent	Misc.	Balance	% Spent
Admin Agency Services	-	a	-	-	-	#DIV/0!
Contingency	-		-	-	-	#DIV/0!
Total	-		-	-	-	
Miscellaneous Expenses		m	-			
	Scheduled costs		Expenses	Adjustments	Balance	% Spent
Total	165,098.80		36,057.66		129,041.14	22%

Carryover from LFY
 Carryover from LFY
 * Discrepancy due to 24,000 TFG amendment invoice error. Correction in process to move all 24,000 to PH 2 instead of 70/30 split

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PHASE 2

Item No. 7b

<u>Vendor</u>	<u>NBWRA Obligations</u>		<u>Paid to date</u>	<u>Adjustments</u>	<u>Balance</u>	<u>Expires</u>	<u>% Spent</u>	
	<u>Encumbrances</u>							
B&C FY15/16	386,441.11	bc2	72,543.57	-	313,897.54	6/30/2017	19%	Carryover from LFY
B&C FY16/17	1,063,789.00	bc3	-	-	1,063,789.00	6/30/2017	0%	
Bryant & Associates FY15/16	8,843.94	ba2	-	-	8,843.94	6/30/2017	0%	Carryover from LFY
Bryant & Associates FY16/17	175,720.00	ba3	62,269.63	-	113,450.37	6/30/2017	35%	
Total	1,634,794.05		134,813.20	-	1,499,980.85			
	<u>Unencumbered</u>		<u>Spent</u>	<u>Misc.</u>	<u>Balance</u>		<u>% Spent</u>	
Admin Agency Services FY14/15 - 15/16	186,483.28	a2	48,790.56	-	137,692.72		26%	Carryover from LFY
Admin Agency Services FY16/17	75,479.00	a3	-	-	75,479.00		0%	
Total	261,962.28		48,790.56	-	213,171.72			
Miscellaneous Expenses		m	-					
	<u>Scheduled costs</u>		<u>Expenses</u>	<u>Adjustments</u>	<u>Balance</u>		<u>% Spent</u>	
Total	1,896,756.33		183,603.76	-	1,713,152.57		10%	

North Bay Water Reuse Authority
July 1, 2016 to Date Transaction Summary
as of January 14, 2017
Joint Use

Item No. 7b

Date	Description	Amount			Las				North Marin		City of
					Galinas	Napa	Novato	SVCSD	SCWA	Napa County	Water Dist.
	Beginning Balance	142,772.49	b		22,160.92	22,161.92	22,162.92	(8,650.08)	22,160.92	22,161.92	18,452.05
7/27/2016	NMWD - JU Fee (WTRN-19)	15,406.00	d								
7/28/2016	LGVSD - JU Fee (WTRN-20)	15,406.00	d		15,406.00						
7/28/2016	Napa San - JU Fee (WTRN-17)	15,406.00	d			15,406.00					
7/28/2016	Novato San - JU Fee (WTRN-16)	15,407.00	d				15,407.00				
8/8/2016	Reimburse charges in err	503.20	p	a2	62.90	62.90	62.90	62.90	62.90	62.90	62.90
8/8/2016	Xtelesis Corporation	(16.25)	p	a2	(2.03)	(2.03)	(2.03)	(2.03)	(2.03)	(2.03)	(2.03)
8/19/2016	Weir Technical Services SCWA 07-16	(7,720.00)	p	w2	(965.00)	(965.00)	(965.00)	(965.00)	(965.00)	(965.00)	(965.00)
8/19/2016	Weir Technical Services SCWA 07-16 (Expenses)	(89.56)	p	w2	(11.20)	(11.20)	(11.20)	(11.20)	(11.20)	(11.20)	(11.20)
8/22/2016	Petaluma - JU Fee (WTRN-14)	15,406.00	d								15,406.00
8/23/2016	SCWA - JU Fee (WTRN-21)	15,407.00	d						15,407.00		
8/23/2016	SVCSD - JU Fee (WTRN-22)	15,407.00	d					15,407.00			
8/24/2016	Bryant & Associates July 2016	(3,700.00)	p	ba3	(462.50)	(462.50)	(462.50)	(462.50)	(462.50)	(462.50)	(462.50)
8/26/2016	Salary/Assn Chgs Applied	(7,634.83)	p	a2	(954.35)	(954.35)	(954.35)	(954.35)	(954.35)	(954.35)	(954.35)
8/26/2016	Equipment Usage Charges	(43.00)	p	a2	(5.38)	(5.38)	(5.38)	(5.38)	(5.38)	(5.38)	(5.38)
8/30/2016	Xtelesis Corporation	(7.70)	p	a2	(0.96)	(0.96)	(0.96)	(0.96)	(0.96)	(0.96)	(0.96)
9/12/2016	County of Napa - JU Fee (WTRN - 18)	15,407.00	d						15,407.00		
9/13/2016	Salary/Assn Chgs Applied	(7,544.02)	p	a2	(943.00)	(943.00)	(943.00)	(943.00)	(943.00)	(943.00)	(943.00)
9/15/2016	Bryant & Associates August 2016	(3,700.00)	p	ba3	(462.50)	(462.50)	(462.50)	(462.50)	(462.50)	(462.50)	(462.50)
9/20/2016	Weir Technical Services SCWA 08-16	(3,160.00)	p	w2	(395.00)	(395.00)	(395.00)	(395.00)	(395.00)	(395.00)	(395.00)
9/20/2016	Weir Technical Services SCWA 08-16 (Expenses)	(63.72)	p	w2	(7.97)	(7.97)	(7.97)	(7.97)	(7.97)	(7.97)	(7.97)
9/23/2016	Correction - CA WateReuse Conference Reg	(500.00)	p	a2	(62.50)	(62.50)	(62.50)	(62.50)	(62.50)	(62.50)	(62.50)
9/26/2016	Salary/Assn Chgs Applied	(2,884.22)	p	a2	(360.53)	(360.53)	(360.53)	(360.53)	(360.53)	(360.53)	(360.53)
10/4/2016	D. Rabbitt Travel costs	(267.10)	p	a2	(33.39)	(33.39)	(33.39)	(33.39)	(33.39)	(33.39)	(33.39)
10/7/2016	Salary/Assn Chgs Applied	(8,072.52)	p	a2	(1,009.07)	(1,009.07)	(1,009.07)	(1,009.07)	(1,009.07)	(1,009.07)	(1,009.07)
10/12/2016	Bryant & Associates September 2016	(3,700.00)	p	ba3	(462.50)	(462.50)	(462.50)	(462.50)	(462.50)	(462.50)	(462.50)
10/17/2016	NBWRA meeting provisions	(70.35)	p	a2	(8.79)	(8.79)	(8.79)	(8.79)	(8.79)	(8.79)	(8.79)
10/20/2016	Equipment Usage Charges	(35.64)	p	a2	(4.46)	(4.46)	(4.46)	(4.46)	(4.46)	(4.46)	(4.46)
10/20/2016	Salary/Assn Chgs Applied	(3,669.28)	p	a2	(458.66)	(458.66)	(458.66)	(458.66)	(458.66)	(458.66)	(458.66)
10/21/2016	Room rental 9/14/16 meeting	(265.00)	p	a2	(33.13)	(33.13)	(33.13)	(33.13)	(33.13)	(33.13)	(33.13)
11/1/2016	Weir Technical Services SCWA 09-16	(3,920.00)	p	w2	(490.00)	(490.00)	(490.00)	(490.00)	(490.00)	(490.00)	(490.00)
11/1/2016	Weir Technical Services SCWA 09-16 (Expenses)	(198.54)	p	w2	(24.82)	(24.82)	(24.82)	(24.82)	(24.82)	(24.82)	(24.82)
11/4/2016	Salary/Assn Chgs Applied	(3,182.32)	p	a2	(397.79)	(397.79)	(397.79)	(397.79)	(397.79)	(397.79)	(397.79)
11/4/2016	Equipment Usage Charges	(68.80)	p	a2	(8.60)	(8.60)	(8.60)	(8.60)	(8.60)	(8.60)	(8.60)
11/14/2016	Bryant & Associates October 2016	(3,700.00)	p	ba3	(462.50)	(462.50)	(462.50)	(462.50)	(462.50)	(462.50)	(462.50)
11/18/2016	Meeting Provisions	(0.86)	p	a2	(0.11)	(0.11)	(0.11)	(0.11)	(0.11)	(0.11)	(0.11)
11/18/2016	Meeting Provisions	(5.29)	p	a2	(0.66)	(0.66)	(0.66)	(0.66)	(0.66)	(0.66)	(0.66)
11/18/2016	Meeting Provisions	(9.49)	p	a2	(1.19)	(1.19)	(1.19)	(1.19)	(1.19)	(1.19)	(1.19)
11/23/2016	Salary/Assn Chgs Applied	(1,729.75)	p	a2	(216.22)	(216.22)	(216.22)	(216.22)	(216.22)	(216.22)	(216.22)
12/1/2016	Salary/Assn Chgs Applied	(1,062.95)	p	a2	(132.87)	(132.87)	(132.87)	(132.87)	(132.87)	(132.87)	(132.87)
12/8/2016	Xtelesis Corporation	(11.50)	p	a2	(1.44)	(1.44)	(1.44)	(1.44)	(1.44)	(1.44)	(1.44)
12/9/2016	Weir Technical Services SCWA 10-16	(3,200.00)	p	w2	(400.00)	(400.00)	(400.00)	(400.00)	(400.00)	(400.00)	(400.00)
12/9/2016	Weir Technical Services SCWA 10-16 (Expenses)	(119.66)	p	w2	(14.96)	(14.96)	(14.96)	(14.96)	(14.96)	(14.96)	(14.96)
12/16/2016	Room rental	(335.00)	p	a2	(41.88)	(41.88)	(41.88)	(41.88)	(41.88)	(41.88)	(41.88)
12/16/2016	Salary/Assn Chgs Applied	(596.40)	p	a2	(74.55)	(74.55)	(74.55)	(74.55)	(74.55)	(74.55)	(74.55)
12/20/2016	Xtelesis Corporation	(4.90)	p	a2	(0.61)	(0.61)	(0.61)	(0.61)	(0.61)	(0.61)	(0.61)

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Joint Use

<u>Date</u>	<u>Description</u>	<u>Amount</u>		
1/4/2017	Weir Technical Services SCWA 11-16	(2,400.00)	p	w2
1/4/2017	Weir Technical Services SCWA 11-16 (Expenses)	(68.72)	p	w2
1/4/2017	Salary/Assn Chgs Applied	(4,104.84)	p	a2
1/13/2017	Salary/Assn Chgs Applied	(1,919.82)	p	a2
Current NBWRA Balance		196,745.66		
PENDING				
	Bryant & Associates November 2016	(3,700.00)	ba3	
	Weir Technical Services SCWA 12-16	(2,840.00)	w2	
	Weir Technical Services SCWA 12-16 (Expenses)	(114.74)	w2	
	Bryant & Associates December 2016	(3,700.00)	ba3	
Projected Balance		186,390.92		

NBWRA Reconciliation	
Beginning Balance	142,772.49
Deposits	133,252.00
Interest Earnings	-
Payments	(79,278.83)
Balance	196,745.66

Las					North Marin		City of
<u>Galinas</u>	<u>Napa</u>	<u>Novato</u>	<u>SVCSD</u>	<u>SCWA</u>	<u>Napa County</u>	<u>Water Dist.</u>	<u>Petaluma</u>
(300.00)	(300.00)	(300.00)	(300.00)	(300.00)	(300.00)	(300.00)	(300.00)
(8.59)	(8.59)	(8.59)	(8.59)	(8.59)	(8.59)	(8.59)	(8.59)
(513.11)	(513.11)	(513.11)	(513.11)	(513.11)	(513.11)	(513.11)	(513.11)
(239.98)	(239.98)	(239.98)	(239.98)	(239.98)	(239.98)	(239.98)	(239.98)
-	-	-	-	-	-	-	-
27,657.07	27,658.07	27,660.07	(3,152.93)	27,658.07	27,659.07	27,658.07	23,948.20
-	-	-	-	-	-	-	-
(462.50)	(462.50)	(462.50)	(462.50)	(462.50)	(462.50)	(462.50)	(462.50)
(355.00)	(355.00)	(355.00)	(355.00)	(355.00)	(355.00)	(355.00)	(355.00)
(14.34)	(14.34)	(14.34)	(14.34)	(14.34)	(14.34)	(14.34)	(14.34)
(462.50)	(462.50)	(462.50)	(462.50)	(462.50)	(462.50)	(462.50)	(462.50)
-	-	-	-	-	-	-	-
26,362.72	26,363.72	26,365.72	(4,447.28)	26,363.72	26,364.72	26,363.72	22,653.85
LG	Napa	Nov	SV	SCWA	Napa County	North Marin	Petaluma
14.057%	14.058%	14.059%	-1.603%	14.058%	14.058%	14.058%	12.172%

22,160.92	22,161.92	22,162.92	(8,650.08)	22,160.92	22,161.92	22,161.92	18,452.05
15,406.00	15,406.00	15,407.00	15,407.00	15,407.00	15,407.00	15,406.00	15,406.00
-	-	-	-	-	-	-	-
(9,909.85)	(9,909.85)	(9,909.85)	(9,909.85)	(9,909.85)	(9,909.85)	(9,909.85)	(9,909.85)
27,657.07	27,658.07	27,660.07	(3,152.93)	27,658.07	27,659.07	27,658.07	23,948.20

NBWRA Obligations						
<u>Vendor</u>	<u>Encumbrances</u>		<u>Paid to date</u>	<u>Adjustments</u>	<u>Balance</u>	<u>% Spent</u>
Weir Technical Services FY15/16	58,150.43	w2	20,940.20	-	37,210.23	36%
Weir Technical Services FY16/17	37,500.00	w3	-	-	37,500.00	0%
Bryant & Associates FY16/17	36,000.00	ba3	14,800.00	-	21,200.00	41%
Total	131,650.43		35,740.20	-	95,910.23	
	<u>Unencumbered</u>		<u>Spent</u>	<u>Misc.</u>	<u>Balance</u>	<u>% Spent</u>
Admin Agency Services FY15/16	46,041.77	a2	43,538.63	-	2,503.14	95%
Admin Agency Services FY16/17	75,000.00	a3	-	-	75,000.00	0%
Unallocated funds	64,595.89	ua	-	-	64,595.89	0%
Contingency	-	c	-	-	-	#DIV/0!
Total	185,637.66		43,538.63	-	142,099.03	
Miscellaneous Expenses		m	-			
	<u>Scheduled costs</u>		<u>Expenses</u>	<u>Adjustments</u>	<u>Balance</u>	<u>% Spent</u>
Total	317,288.09		79,278.83	-	238,009.26	25%

Carryover from LFY
 * Currently 75,500 is encumbered for FY16/17.
 Will need to extend agreement and modify encumbrance if goes to 4th year

Carryover from LFY

North Bay Water Reuse Authority
July 1, 2016 to Date Transaction Summary
as of January 14, 2017
Discretionary

Item No. 7b

<u>Date</u>	<u>Description</u>	<u>Amount</u>	
7/1/2016	Beginning Balance	35,663.57	b
7/28/2016	County of Marin - Associate Fee (WTRN-13)	5,000.00	d
7/28/2016	American Canyon - Associate Fee (WTRN-12)	5,000.00	d
8/22/2016	MMWD - Associate Fee (WTRN-15)	5,000.00	d
9/23/2016	WaterReuse 2016 Conf Sponsorship (Correction)	(500.00)	p ua

Current NBWRA Balance	50,163.57
------------------------------	------------------

PENDING

Projected Balance	50,163.57
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NBWRA Reconciliation		
Beginning Balance	35,663.57	b
Deposits	15,000.00	d
Interest Earnings	-	i
Payments	(500.00)	p
Balance	50,163.57	

<u>Combined</u>	<u>Marin Muni</u>	<u>Marin County</u>	<u>City of</u>
	<u>Water Dist.</u>		<u>American Canyon</u>
35,663.57	16,884.62	15,000.00	10,000.00
5,000.00		5,000.00	
5,000.00			5,000.00
5,000.00	5,000.00		
(500.00)			
50,163.57	21,884.62	20,000.00	15,000.00
-	-	-	-
50,163.57	21,884.62	20,000.00	15,000.00

	<u>MMWD</u>	<u>Marin County</u>	<u>AM</u>
35,663.57	16,884.62	15,000.00	10,000.00
15,000.00	5,000.00	5,000.00	5,000.00
-	-	-	-
(500.00)	-	-	-
50,163.57	21,884.62	20,000.00	15,000.00

EXPENSES NOT ALLOCATED TO
SPECIFIC ENTITIES IN THIS
ACCOUNT

		NBWRA Obligations					
<u>Vendor</u>	<u>Encumbrances</u>		<u>Paid to date</u>	<u>Adjustments</u>	<u>Balance</u>	<u>Expires</u>	<u>% Spent</u>
<u>N/A</u>							
Total	-		-	-	-		
<u>Project</u>	<u>Unencumbered</u>		<u>Spent</u>	<u>Misc.</u>	<u>Balance</u>		<u>% Spent</u>
Admin Agency Services (Unallocated)	-	ua	500.00	-	(500.00)		#DIV/0!
Admin Agency Services (Room Rental)	-	rr	-	-	-		#DIV/0!
Federal Congressional Tour	-	ft	-	-	-		#DIV/0!
State Congressional Tour	-	st	-	-	-		#DIV/0!
Total	-		500.00	-	(500.00)		
Miscellaneous Expenses		m	-				
	<u>Scheduled costs</u>		<u>Expenses</u>	<u>Adjustments</u>	<u>Balance</u>		<u>% Spent</u>
Total	-		500.00	-	(500.00)		#DIV/0!

Interest
North Bay Water Reuse Authority
as of January 14, 2017

FY2013/2014

Period	Date Posted	Amount
1st Quarter	10/15/2013	\$ 1,335.43
2nd Quarter	1/15/2014	\$ 1,445.77
3rd Quarter	4/16/2014	\$ 1,034.70
4th Quarter	7/16/2014	\$ 590.63
Total		\$ 4,406.53

FY2014/2015

Period	Date Posted	Amount
1st Quarter	10/15/2014	\$ 1,849.53
2nd Quarter	1/15/2015	\$ 2,430.25
3rd Quarter	4/16/2015	\$ 2,256.57
4th Quarter	7/15/2015	\$ 1,682.38
Total		\$ 8,218.73

FY2015/2016

Period	Date Posted	Amount
1st Quarter	10/15/2015	\$ 1,631.68
2nd Quarter	1/15/2016	\$ 3,371.28
3rd Quarter	4/15/2016	\$ 3,509.54
4th Quarter	7/15/2016	\$ 3,407.03
Total		\$ 11,919.53

FY2016/2017

Period	Date Posted	Amount
1st Quarter	10/14/2016	\$ 4,111.97
2nd Quarter	1/13/2017	\$ 5,277.04
3rd Quarter		
4th Quarter		
Total		\$ 9,389.01

NBWRA Reports

- 💧 See Packet for
 - Consultant Activity Reports
 - Financial Report

- 💧 2017 Meeting Dates

- January 23, 2017
 - March 27, 2017
 - May 22, 2017

Pending FY 17/18 budget approval

- August 28, 2017
 - October 23, 2017
 - December 18, 2017

Board Information Requests

Item 8



Board Information Requests

- 💧 Request: Develop Membership Brochure
 - Include: Program information, costs on general membership, study and project funding

- 💧 Status: pending outcomes from discussion under Item 11
 - Revising Program Brochure and Membership Information to reflect Board Decisions

NBWRA FY 16/17 Budget Amend to Include New Member Projects

Item 9



Budget with New Agencies

Table 1: 3-Year Budget with New Agencies					
Item	FY14/15	FY15/16	FY16/17	Amendment	Total
Program Development	\$190,200	\$190,200	\$190,200		\$570,600
Federal Advocacy	\$88,000	\$112,000	\$112,000		\$312,000
State Advocacy	\$36,000	\$36,000	\$44,400		\$116,400
Program Manager	\$70,500	\$75,500	\$37,750		\$183,750
Administrator & Fiscal Agent	\$251,836	\$267,205	\$225,958		\$744,999
Engineering & Outreach	\$895,963	\$985,634	\$1,125,293	\$136,150	\$3,143,040
Total	\$1,532,499	\$1,666,539	\$1,735,601	\$136,150	\$5,070,790

Amended Budget with New Agencies

Budget Remaining for Each Agency FY16/17

	LGVSD	Napa SD	Novato SD	SVCSD	SCWA	NMWD	Napa County	Petaluma	American Canyon	MMWD
Remaining Costs for FY16/17	\$5,612	-\$405,783	-\$243,227	\$319,161	\$100,839	\$14,882	\$2,339	-\$33,598	\$249,794	\$357,031

Basis of the Budget Remaining for FY16/17

	LGVSD	Napa SD	Novato SD	SVCSD	SCWA	NMWD	Napa County	Petaluma	American Canyon	MMWD
Sept 2016 w/ SVCSD mod (Current Agencies)	\$113,168	\$986,081	\$769,523	\$692,524	\$577,642	\$167,197	\$94,114	\$1,001,427	\$274,468	\$394,656
Phase 2 Study Grant Refund	\$0	\$104,742	\$85,311	\$59,409	\$52,934	\$0	\$0	\$85,311	\$24,674	\$37,625
Net Costs	\$113,168	\$881,339	\$684,212	\$633,115	\$524,709	\$167,197	\$94,114	\$916,116	\$249,794	\$357,031
Paid to Date	\$107,556	\$1,287,122	\$927,439	\$313,954	\$423,870	\$152,315	\$91,775	\$949,714	\$0	\$0
Remaining Costs for FY16/17	\$5,612	-\$405,783	-\$243,227	\$319,161	\$100,839	\$14,882	\$2,339	-\$33,598	\$249,794	\$357,031

Action: Consider Approving the FY 16/17 Amended Budget

- 💧 Action: Consider approving Amended FY 16/17 Budget
- 💧 Same budget approved in December 2016 but now includes American Canyon and MMWD costs
 - Increased overall budget to include two new agencies
 - Decreased costs to individual existing agencies

Program Development, Federal and State Advocacy

Item 10



Program Development and Federal Advocacy



2017 Federal Activities

- Finalize work with Reclamation to get a letter for our file stating which Title XVI program we will be submitting our grant application under: authorized or un-authorized
- Work toward full funding for both Title XVI programs in the President budget
- Comment on; new Title XVI criteria, new WaterSMART grant criteria and related issues in the new budget to be passed when the CR expires in April
- Washington DC trip February 28 - March 2

Federal and State Funding Trends

- 💧 Federal and State funding programs are still trending toward regional, multi-benefit projects
- 💧 Language in California Drought Response section of WIIN Act states that a priority be given to regional, multi-benefit projects with matching state funds
- 💧 California Water Action Plan: New *Water Available for Replenishment Report*
 - A first-of-its-kind analysis of California's water resources shows that bringing local groundwater basins into sustainable balance — as state law demands — **will require investments and innovations in integrated water management including conservation, storm water capture, recycling, desalination, water transfers, diversion, conveyance and storage**

State Advocacy



Governor Brown Released his Proposed 2017-18 Budget

- 💧 Relatively cautious tone, **warning that California could face a \$1.6 billion budget deficit** if spending is not restrained - **in contrast**, Legislative Analyst's Office projected a \$2.8 billion surplus
- 💧 **Brown also warned of potential cuts in federal funding to California** – including healthcare/Obamacare
- 💧 Noted potential for economic weakening and related future budgetary challenges, especially given reliance on high-income earners
- 💧 April tax revenues will shed additional light on revenues for 2017-18

Capitol Dynamics: Proposed 2017-18 Budget

- 💧 The water-related portion of the Proposed Budget included
 - \$248 million for IRWMP funding (from Proposition 1)

- 💧 Additional DWR funding for Sustainable Groundwater Management Act Implementation
 - Increase of \$15 million to fill 29 staff positions for technical assistance
 - Provide information re: basin-scale water use, water supplies, and groundwater conditions
 - Improved data management for more efficient and greater consistency

- 💧 State Water Board - Water Rights Fund
 - Increase of \$2.3 million for 5 new positions
 - \$1.5 million in contract funds to enforce reporting requirements and protect local groundwater resources in high/medium priority groundwater basins that fail to form local governance structures as required by SGMA

Senate Committee on Natural Resources and Water

- 💧 Strong Southern California representation
 - Senator Bob Hertzberg (D-Los Angeles), Chair
 - Senator Jeff Stone (R-Temecula), Vice Chair
 - Senator Ben Allen (D-Santa Monica)
 - Senator Toni Atkins (D-San Diego)
 - Senator Ben Hueso (D-San Diego)
 - Senator Hannah-Beth Jackson (D-Santa Barbara)
 - Senator Bill Monning (D-Carmel)
 - Senator Henry Stern (D-Canoga Park)
 - Senator Andy Vidak (R-Hanford)

Assembly Committee on Water Parks and Wildlife

- 💧 Southern California Leadership
- 💧 Assemblymember Eduardo Garcia from Coachella area is new Committee Chair
 - Note: Committee members have yet to be announced as of preparation of this information

Legislative Issues for 2017

Item No. 10

- 💧 A 2018 **Water Bond or Water/Parks hybrid** will be discussed during the session
 - Meral Bill from last session still pending
 - Sen DeLeon introduced bond legislation that includes funding for recycled water
- 💧 WaterReuse will be advancing legislation **to modify statutory definitions for Direct Potable Reuse**
 - Also advocating for budgetary resources to advance DPR regulatory process
- 💧 Several statutory changes will be needed to implement long-term conservation plan crafted by SWRCB
 - **Some advocating to ensure recognition and credit for recycled water development re: proposed conservation requirements**
- 💧 As reported in email: **Senator Hertzberg will not pursue a bill on ocean discharge reduction mandates at this time**
 - Likely to work on incentivizing recycled water development
 - May also pursue changes to Proposition 218

NBWRA Day at State Capitol

- Targeting Wednesday March 22, 2017 for NBWRA Day in Sacramento
- Will be scheduling meetings with North Bay region legislators, other key officials and/or organization representatives
- **The day's Agenda and details will be emailed soon**

Engineering and Environmental Services Public Outreach

Item 11



Engineering and Environmental Services

- 💧 Feasibility Study Report
 - Complete with current members and projects
 - Uploaded to SharePoint

- 💧 Tasks to include new Member Agency information
 - Revise Feasibility Study Report
 - Start expanded EIR/EIS

Public Outreach

- Prepare materials for upcoming February DC trip
- Update of NBWRA brochure and website is underway

NBWRA Alternatives and Moving Forward

Item 12



Alternatives

- 💧 Process to consider future NBWRA direction
 - Based on Member feedback from last 6-months
 - Range from minimizing Title XVI expenditures to building on the success of the NBWRA
 - Provide context for relationship between services and cost-allocation

Alternatives

- 💧 Title XVI Alternatives
 - Alternative 1: Basic Program
 - Alternative 2: Limited Program Services

- 💧 Moving Forward: New Water Management Program

- 💧 Each of the Alternatives provides the basis for developing FY 17/18 and FY 18/19 Workplans and Budgets

Title XVI Program Alternatives



Alternative 1: Title XVI Basic Program

North Bay Water Reuse Authority

BASIC TITLE XVI

- Phase 1 projects – close out USBR agreements
- Phase 2 Study, EIS/EIR – close out USBR study agreement
- Phase 2 USBR construction agreement and grant applications
- SCWA administration
- Limited Board meetings

DISCONTINUE PROGRAM SERVICES

- Program Development, Federal and State Advocacy
- Public Outreach associated with Advocacy

Alternative 1: Title XVI Basic Program Constraints

- 💧 The Title XVI Program is fully utilized
 - No new members to participate and share costs

- 💧 Current cost allocation structure cannot support existing Program beyond completion of Phase 1
 - **When Phase 1 is complete, members will drop out and won't contribute toward Program costs**
 - Phase 2 members cannot carry Program costs without their support

- 💧 Estimated completion of Phase 1 is 2018

Alternative 1: Title XVI Basic Program Features

- 💧 Program narrows to support Basic Title XVI services
 - Administrative and technical functions associated with completing Phase 1
 - Administrative and technical functions associated with implementing Phase 2
 - Meetings only associated with these tasks

- 💧 Eliminates all other services
 - Program Development, Federal and State Advocacy
 - Public Outreach; web and media

Alternative 2: Title XVI Limited Program Services

North Bay Water Reuse Authority

BASIC TITLE XVI

- Phase 1 projects – close out USBR agreements
- Phase 2 Study, EIS/EIR – close out USBR study agreement
- Phase 2 USBR construction agreement and grant applications
- SCWA administration
- Limited Board meetings

LIMITED PROGRAM SERVICES to TITLE XVI

- Program Development, Federal and State Advocacy
- Public Outreach only to support Advocacy

Alternative 2: Limited Program Services Features

Item No. 12

- 💧 Same Basic Title XVI tasks

- 💧 Also provides Limited Services to Title XVI Program
 - Limited Program Development, Federal and State advocacy specific to Phase 2 projects
 - Support for Title XVI funding in federal budgets
 - Annual DC visit in support of Title XVI funding
 - Support for recycled water funding in state water bonds
 - Annual Sacramento visit in support of recycled water funding
 - Outreach
 - Annual brochure and website updates

Title XVI Program Alternatives and Budgets



Title XVI Budget Cost-centers

- 💧 Engineering, Planning and Outreach
- 💧 Program Development, Federal and State Advocacy
- 💧 Program Manager
- 💧 SCWA Administration

Title XVI Alternatives and Budgets

- 💧 This information is the basis for preparing FY 17/18 budgets

- 💧 Alternatives 1 and 2
 - Basic Title XVI budget
 - Basic Title XVI + Limited Program Services budget
 - Cost allocations for Phase 1 and Phase 2 members based on approved September 2016 Method

Reminder: 2-year **Budget** will be prepared for consideration but each year's budget is approved annually

Engineering Planning and Outreach:

Task	Alternative 1: Basic Title XVI	Alternative 2: Basic + Limited Program
1 - Title XVI Workshops/Public Outreach/Management		
1.1 Workshops	Add 4 Board meetings	
1.3 Public Involvement	Support to EIR/EIS	Support only Title XVI Advocacy Program
1.4 Administration	Add BC LOE for 12 months	
2 - Title XVI Feasibility Study/Report	Carryover to support EIR/EIS	
3 - Environmental Evaluation	Carryover from FY16/17	
4 - Financial Capabilities Determination	Carryover from FY16/17	
5 - Phase 2 Grant Applications & Management		
Study Grant Application and Management	Carryover \$10,000 for grant closeout	
Fall 2017 Construction Grant Preparation and Submittal	Carryover \$23,787	
	New Fall 2017 Application: \$38,135	
	Add \$14,348 to budget	
6 - Phase 1 Grant Application & Management	Carryover for grant closeout	

Engineering Planning and Outreach: Cost

Task	Alternative 1: Basic Title XVI	Alternative 2: Basic + Limited Program
1 - Workshops/Public Outreach/ Management		
1.1 Workshops	\$23,432	
1.3 Public Involvement	\$48,424	\$40,074
1.4 Administration	\$24,536	
2 - Title XVI Feasibility Study/Report	\$0	
3 - Environmental Evaluation	\$0	
4 - Financial Capabilities Determination	\$0	
5 - Phase 2 Grant Applications & Management	\$14,348	
6 - Phase 1 Grant Application & Management	\$0	
Total	\$110,740	\$40,074

Program Development, Federal and State Advocacy

Task	Comparison: Current Contract	Alternative 1: Basic Title XVI	Alternative 2: Basic + Limited Program
Program Development	\$184,000		\$110,850
Federal Advocacy	\$112,000		\$65,000
State Advocacy	\$44,400		\$36,000
Total	\$340,400		\$211,850

Program Manager

Task	Alternative 1: Basic Title XVI	Alternative 2: Basic + Limited Program
Program Manager	\$37,500	

SCWA Administration

Task	Alternative 1: Basic Title XVI	Alternative 2: Basic + Limited Program
Phase 1 Grant Administration		
Phase 2 Admin, Grant Admin, & EIR/EIS	\$75,479	
Joint Use (Phase 1 & Phase 2)	\$105,000	\$15,000
Total	\$180,479	\$15,000

Alternative 1 or 2 - Title XVI Budgets: September Cost-allocation Method to be Applied

Task	Alternative 1: Basic Title XVI	Total Budget: Alternatives 1 & 2: Limited Program
Engineering Planning and Outreach, Grant application and Management	\$110,740	\$150,814
Program Development Federal, and State Advocacy		\$211,850
Program Manager	\$37,500	\$37,500
SCWA Administration	\$180,479	\$195,479
Total	\$328,719	\$595,643

Next Steps

- 💧 Member Agencies Discuss Title XVI Alternative Preferences
 - March meeting: Select Alternative 1 or 2 for final Budget preparation
 - May meeting: Consider approving budget

Moving Forward: New Water Management Program



New Water Management Program

North Bay Water Reuse Authority

TITLE XVI PROGRAM (Alternative 1 or 2)

**BASIC TITLE
XVI**

**DISCONTINUE
PROGRAM
SERVICES**

OR

**LIMITED
PROGRAM
SERVICES**

**Applies existing cost allocation
method to these tasks**

NEW WATER MANAGEMENT PROGRAM

**Based on regional approach assisting
members with project funding and
implementation**

- **No Title XVI activities**
- **Open general membership**
- **Separate budget for:**
 - **Development, Advocacy and Grants**
 - **Studies and projects**
 - **Outreach and Meetings**

Water Management Program: Consistency and Purpose

Item No. 12

- 💧 Water Management Program Continues NBWRA Principals
 - Regional approach to water supply reliability
 - Program identity will continue to attract project funding
 - Economies of scale: shared costs allows agencies to participate
 - Support agencies in implementing their own projects

- 💧 Water Management Program's Purpose
 - To recognize transition to 'one water' approach in state and federal policy
 - To assist in capturing state and federal funding for the region's full range of water management projects

Water Management Program Features

- 💧 Water Management Program Issues
 - Maximizing use of recycled water
 - Surface, storage and groundwater projects
 - Stormwater capture and management
 - Drought and climate related issues

Water Management Program Features

- 💧 Proposed Water Management Program Structure
 - General Membership + Project Cost Model
 - Open to agencies with water management authority
 - Budget based on fixed membership fee that stabilizes costs
 - Program Services
 - New funding sources and grant assistance
 - New studies and projects
 - Technical assistance
 - Program Development, Federal and State Advocacy
 - Meetings and Outreach

On the Horizon Water Management Program Opportunities



Water Management Program Opportunities

- 💧 As when the NBWRA was first established, the SCWA is taking the lead on two new studies that will be of interest to Water Management Program members
- 💧 **These studies continue SCWA's leadership by providing new initiatives, that develop and support local solutions to regional water supply reliability**

Water Management Program Opportunities

- 💧 Under USBR's WaterSMART Program are two opportunities
 - North Bay Basin Study (Basin Study)
 - Drought Contingency Plan (DCP)

- 💧 These Investigations lead to **Project Funding** thru WaterSMART
 - New implementation grant criteria award points based on being a recommend alternative, action or project from a Basin Study or DCP

North Bay Watersheds Basin Study

What Does a Basin Study Do

- Basin Studies identify water supply issues that could potentially be resolved with changes to the operation of water supply systems, modifications to existing facilities, development of new facilities, or non-structural changes
- The studies will incorporate the latest science, engineering technology, climate models and innovation
- The desired outcomes are basin-specific plans recommending ***collaboratively developed solutions**** that will help meet water demands and foster sustainable development

* Through an extensive stakeholder involvement process

North Bay Watersheds Basin Study

- Basin Study Projections of Water Supply and Demands Include
 - Surface, groundwater, stormwater and recycled water supplies
 - Agricultural, municipal, environmental and recreational demands

North Bay Watersheds Basin Study

- 💧 Basin Study Timeframe and Costs
 - Studies can take 2-3 years to complete
 - Studies cost between \$2-3 million
 - There is a 50/50 cost-share with local stakeholder contribution being 100% in-kind services

- 💧 Basin Study Selection Process
 - Reclamation invited us to submit a 3-page Letter of Interest to participate in this program
 - If selected, we will submit a 20-page Letter Proposal
 - Awarded Basin Studies will be notified in June

Example: LA River Basin Study

- 💧 Study was released in Fall 2016 with these Key Findings
 - Potential water supply deficit in the region of 160,000 ac-ft by 2035
 - Potential water supply deficit in the region of 440,000 ac-ft by 2095
 - This is 25% less than the regions projected water needs
 - ***Strong emphasis was placed on use of stormwater capture and recycled water use to meet supply demands***
- 💧 In addition to traditional water supply and demand assessments, the Study included impacts of Climate-change, Sea-level Rise and Wildfire risk

North Bay Watersheds Drought Contingency Plan

What is a Drought Contingency Plan (DCP)

- Supports collaborative planning efforts that use a proactive approach to build long-term resiliency to drought
- Requires participation by multiple stakeholders to encourage comprehensive plans that address issues important to different sectors (e.g., agricultural, municipal, and environmental) and develop broad support for ***mitigation and response actions***
- Must include consideration of climate change impacts to water supplies, in order to support long term resiliency to climate change
- ***Mitigation and Response*** actions are projects to be funded under WaterSMART

North Bay Watersheds Drought Contingency Plan

DCP Timeframe and Costs

- Studies can take up to 2-years to complete
- Studies cost approximately \$400,000
- There is a 50/50 cost-share with local stakeholder contribution

DCP Process

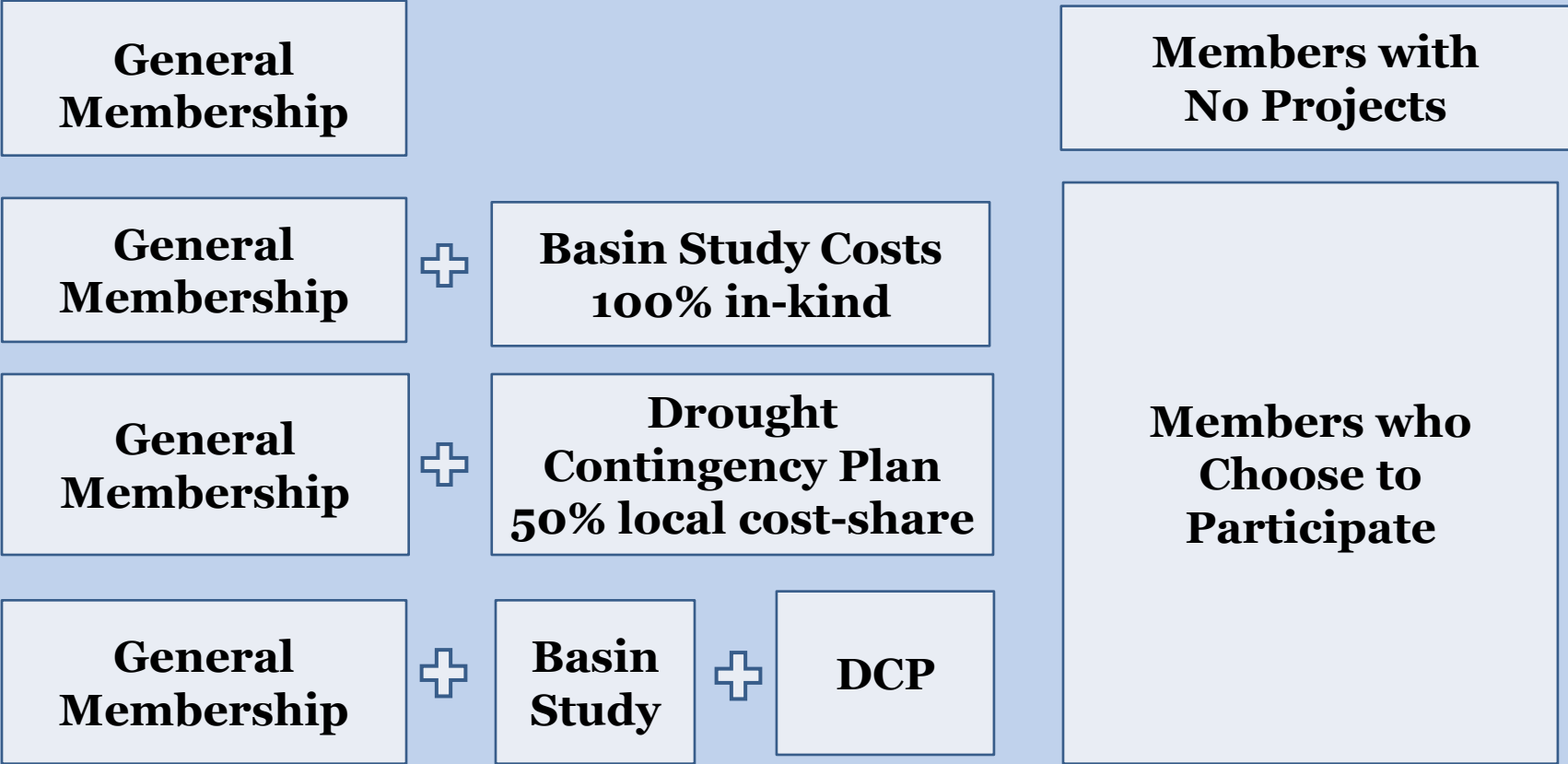
- Application is being prepared
- If selected, we will be notified in June

Proposed Water Management Program Budget



Water Management Program

General Membership + Project Cost



New Water Management Budget

- 💧 Water Management Program Budget
 - Establishes and is based on an annual General Membership fee
 - Allows Phase 1 or Phase 2 agencies to consider joining separate from the Title XVI Program
 - Allows outreach to new members in the region
 - Keeps study and project costs separate from membership costs thereby stabilizing the organizations operating costs

Water Management Program Cost-centers

- 💧 Engineering, Planning and Outreach
 - Includes meeting management and logistics
- 💧 Program Development, Federal and State Advocacy
 - Includes new sources of grant assistance
- 💧 SCWA Administration

Proposed Water Management Program Budget

Task	Water Management Program
Engineering, Planning and Outreach	\$203,378
Program Development, Federal and State Advocacy	\$237,050
SCWA Administration	\$50,000
Total	\$490,428

Water Management Program

Initial Basin Study and DCP Costs

- 💧 SCWA is providing both leadership and seed funding to get the Basin Study and DCP applications submitted
 - Staff time/resources and \$38,000 toward consulting fees

- 💧 NBWRA consultants also are contributing their time and resources to get these opportunities underway
 - Mike Savage: over \$8,000 in time in addition to his consulting fees
 - Ginger Bryant: over \$26,000 in time/resources
 - Mark Millan: over \$6,000 in time/resources

Next Steps

- 💧 New Water Management Program
 - Develop Membership Outreach Brochure
 - Continue to work on budget and new members
 - Continue working with SCWA on Basin Study and DCP
 - More detailed information at March meeting

NBWRA Delivers Results for the North Bay Region

Item No. 12

- 💧 Title XVI Program has been on the leading edge of recycled water planning for 10-years
- 💧 Authority has a high, respected profile with state and federal agencies that has translated into significant grant funding
- 💧 To maintain this position, the NBWRA must evolve to meet changing state and federal water management policies/funding criteria
- 💧 Drought and supply issues never go away – the NBWRA supports activities to provide a safe, reliable water supply that benefits all water users in the North Bay

Items for Future Discussion & Action

Item 13



March 27, 2017 Meeting

Meeting Agenda

- Regular Reports
- Discussion and selection of Title XVI Alternative for FY 17/18 Budget
- Discussion on Water Management Program
 - Basin Study and DCP information
 - New sources of grant assistance

Comments from Chair and Board Members

Item 14



Adjourn

