



NORTH BAY WATER REUSE PROGRAM

Expanding Water Supplies with Regional Reuse

BOARD OF DIRECTORS MEETING

AGENDA

Monday, December 19, 2016
9:30 AM

Novato Sanitary District
500 Davidson Street, Novato, CA 94945

Members and Consultants unable to attend in person may call in: Phone: +1 (602) 567-4030
Access code: 2231; <https://Conferencing.brwncaid.com/conference/2231>

- 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 October 24, 2016 (2 minutes)**
(The Board will consider approving the minutes from the October 24, 2016 Board meeting.)
- 6. Report from the Chair (10 minutes)**
(The Chair will report on the following items.)
 - 6.a Consultant Progress Reports
 - 6.b Financial Reports
 - 6.c Recognize Supervisor Keith Caldwell's Contributions

Action
Pages 5 – 8

Information and Discussion
Pages 11 – 18
Pages 19 – 28
Page 29

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 30 – 31 | 7. Board Information Requests (2 minutes)
(The Board will be provided with a brief update on their information requests.) |
| Discussion and Action
Pages 32 – 43 | 8. FY2016/17 Budget Amendments (10 minutes)
(The Board will consider the recommended FY 2016/17 Budget Amendments.) |
| Information
Pages 44 – 57 | 9. Program Development, Federal, and State Advocacy Update (10 minutes)
(The Board will be updated on Program Development, Federal and State Advocacy activities.) |
| Information
Pages 58 – 62 | 10. Engineering, Environmental, and Public Involvement Services Report (10 minutes)
(The Board will be provided with an update on the following activities.) <ul style="list-style-type: none"> • Feasibility Study Report |
| Discussion
Pages 63 – 64 | 11. Items for Future Discussion and Action (5 minutes) |
| Information
Page 65 | 12. 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 66 | 13. Adjournment (1 minute) |

Next Board Meeting
Monday, January 23, 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.)



NBWRA Board Meeting

December 19, 2016



NORTH BAY WATER REUSE PROGRAM
Expanding Water Supplies with Regional Reuse

Today's Agenda

- 💧 Items 1-5: Meeting Business
- 💧 Item 6: Report from the Chair
- 💧 Item 7: Board Information Requests
- 💧 Item 8: FY 2016/17 Budget
- 💧 Item 9: Program Development, Federal and State Advocacy
- 💧 Item 10: Engineering, Environmental Services and Public Outreach
- 💧 Item 11: Items for Future Discussion and Action
- 💧 Item 12: Comments from Chair and Board Members
- 💧 Item 13: Adjourn

**North Bay Water Reuse Authority
Board of Directors Meeting
Minutes
October 24, 2016**

1. Call to Order

Chair Rabbitt called the meeting to order at 9:38 a.m. on Monday, October 24, 2016 at the Novato City Hall Council Chambers, 901 Sherman Avenue, Novato, CA. Consultants and others who were unable to attend participated via telephone, 1 (602) 567-4030, or 1 (888) 227-0011, access code 2231; <https://Conferencing.brwncaid.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
	Susan Gorin	Sonoma Valley County Sanitation District
	Jack Gibson	Marin Municipal Water District
	Rabi Elias	Las Gallinas Valley Sanitary District
	Dan St. John	City of Petaluma
	John Schoonover	North Marin Water District

ABSENT: Marin County, Napa Sanitation District

OTHERS

PRESENT:	Chuck Weir, Program Manager	Weir Technical Services
	Jack Baker	North Marin Water District
	Kevin Booker	Sonoma County Water Agency
	Ginger Bryant	Bryant & Associates
	Jill Chamberlain	Brown and Caldwell
	Anne Crealock	Sonoma County Water Agency
	Grant Davis	Sonoma County Water Agency
	David Graves	Napa Sanitation District
	Ryan Grisso	North Marin Water District
	Steve Hartwig	City of American Canyon
	Pam Jeane	Sonoma Valley County Sanitation District
	Sandeep Karkal	Novato Sanitary District
	Susan McGuire	Las Gallinas Valley Sanitary District
	Mark Millan	Data Instincts
	Phil Miller	Napa County
	Pilar Oñate-Quintana	The Oñate Group
	Larry Russell	Marin Municipal Water District
	Mike Savage	Brown and Caldwell
	Brad Sherwood	Sonoma County Water Agency
	Jake Spaulding	Sonoma County Water Agency
	Leah Walker	City of Petaluma

3. Public Comments

There were no comments from the public

4. Introductions

Introductions were not made.

5. Board Meeting Minutes of September 19, 2016.

A motion by Director Schoonover, seconded by Director Caldwell to approve the September 19, 2016 minutes as amended was approved with one abstention.

6. Report from the Chair

a. Consultant Progress Reports

The Board reviewed the consultant progress reports for September 2016.

b. Financial Reports

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

c. Future NBWRA Meeting Dates

The Board reviewed the proposed meeting dates for 2017.

7. Board Information Requests

Chair Rabbitt provided an update to the Membership Brochure development. It is intended to include: program information, costs on general membership, study and project funding. A draft is expected by the end of the year.

8. FY2016/17 Budget Amendments

Chair Rabbitt provided a summary. He indicated that there an audit of the funding received and final projects built for Phase 1. Susan McGuire asked about the revised costs since some funds were reallocated among agencies. Jake Spaulding indicated that the revised costs would be available at the next meeting.

Director Elias asked for an explanation of the cost sharing changes. He also expressed concerns with costs moving forward to FY17/18 and beyond. Mike Savage gave a summary of the proposed changes to cost sharing for Phase 2. He explained the changes in engineering cost sharing as well as general cost sharing as outlined in the packet. The proposal includes the September 2016 cost sharing method for FY14/15 and FY15/16, and new cost sharing method for FY16/17, which is more consistent with project costs. Director Caldwell expressed concern with the revised cost sharing. The return to Napa Sanitation District is approximately equal to their costs. He indicated that their staff would need to analyze the new proposal. He also expressed concern that there is no longer an opportunity for the Technical Advisory Committee (TAC) to resolve these issues prior to bring them to the Board. He suggested that the TAC meet to resolve the cost sharing issues. He also noted that his last meeting would be in December. Other Directors also expressed concerns with costs and agreed that the TAC should develop a recommendation for the Board. Director Gorin stressed the need to continue to work in a collaborative manner. Grant Davis thanked Director Caldwell for his long service to the region and NBWRA. Chair Rabbitt agreed that the TAC needs to discuss the cost sharing issues.

A motion by Director Schoonover, seconded by Director Gorin, to continue the FY2016/17 Budget Amendments to the December 19, 2016 meeting with review and recommendation by the TAC 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 September 20-22, 2016 trip to Washington D.C., impact of the election on legislation, and that Reclamation is seeking comments on the new WaterSMART Grant Program Criteria.

Pilar Oñate-Quintana provided a summary of State Advocacy activities, including the veto of SB1328 (Greenhouse Gas Reduction Fund). Approval of AB2022 (allows bottling of advanced purified water for educational purposes), and the anticipated reintroduction of Hertzberg's Bill to reduce wastewater discharges to the ocean and bays. She also discussed State Water Board funding opportunities.

10. Engineering, Environmental, and Public Involvement Services Report

Mark Millan discussed progress on updating 4 page overview and preparing a one-sheet brochure for potential new members. They are also working on a presentation for U.S. Mayors Water Council being held in Napa on Nov 2 & 3, 2016. He also noted State Water Board public comment period on draft feasibility report on Direct Potable Reuse ends October 25, 2016. Lastly he listed dates for several upcoming conferences that may be of interest to NBWRA participants.

Mike Savage provided a summary of the efforts to develop additional projects for the Phase 2 Feasibility Study. They have identified \$19.8M in projects. Three are in American Canyon and one is through Marin Municipal water District. They are developing costs for the agencies to participate in Phase 2 and plan on having an update at the December 19, 2016 meeting. He also updated the study schedule and budget process.

11. Items for Future Discussion and Action

Chair Rabbitt gave a brief summary of ongoing budget discussions, the consulting team's General Membership tasks and budgets are being reviewed, these include: Meetings and Communications, Public Involvement, Program Manager, Program Development, Federal and State Advocacy, and Program Administration (SCWA). The outcomes from this review will be discussed at the December and January meetings.

12. Comments from Chair and Board Members

Director Long inquired about the involvement of other contractors with Sonoma County Water Agency.

13. Adjournment

Chair Rabbitt adjourned the meeting at 11:41 a.m. The next meeting will be Monday, December 19, 2016 at 9:30 a.m. at Novato City Hall Council Chambers.

Minutes approved by the Board _____.

Charles V. Weir
Program Manager

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Report from the Chair

Item 6



NBWRA Reports

- 💧 See Packet for:
 - Consultant Activity Reports
 - Financial Report
- 💧 Recognize Supervisor Caldwell for his service to NBWRA

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

Bryant & Associates ~ Program Development

- Participated in Program Management, Federal and State Advocacy Management Call
- Board Meeting: prepared information for and participated in planning calls, webmeetings and work sessions
- Prepared for and attended Board meeting
- Prepared for and attended federal funding information meeting with SCWA
- Prepared for and attended contract workplan review meetings with the Chair, Onate Group and TFG
- Prepared and submitted comments on WaterSMART Grant criteria
- Prepared and submitted requested information re: White House Water Summit Report
- Activities in coordination with The Ferguson Group:
 - Coordinated on information needs re Phase 2 authorization fix
 - Coordinated on activities and progress on Drought Legislation

The Ferguson Group ~ Federal Advocacy

- **Planning Meeting with Chairman Rabbitt.** Roger Gwinn met with Chairman Rabbitt and Ginger Bryant to discuss the Authority's federal priorities for the upcoming calendar year, 2017 with the intention of TFG working to develop a broader set of potential funding sources, beyond the Bureau of Reclamation's Title XVI program. If requested, TFG will provide the Authority with a report with expanded and recommended funding sources including, but not limited to, the Environmental Protection Agency, the United States Department of Agriculture, the Corps of Engineers, and the Economic Development Administration.
- **Drought Legislation.** Meetings were held with House and Senate negotiators on the drought legislation. Work continued on key components advocated by the Authority: RIFIA, an expansion of WaterSMART grants and Title XVI reform to allow currently unauthorized projects to compete for Title XVI competitive construction dollars. Work continued on revisions to the RIFIA proposal to expand the WIFIA language in WRRDA 2014 to include Reclamation. Work also continued with the office of Rep. Jeff Denham, who introduced a free- standing financing proposal modelled after the RIFIA provisions of previously introduced bills.
- **Phase 2 Authorization.** Work continued on options to address the Phase 2 authorization ambiguities. TFG followed up on meetings with Reclamation and continued discussions with senior advisors to the Deputy Secretary of the Department of the Interior and key program administrators in Reclamation's Policy and Administration Office in Denver, CO.

The Onate Group ~ State Advocacy

- Provided update to Board in person during October Board meeting. (Also prepared relevant slides related to Board update.)
- Participated in October 25 CASA-led meeting re: Hertzberg/ocean discharge. Participated in an October 27 West Basin-requested call re: a DPR definition-related proposal (initially presented as a potential counter to SB 163).
- Discussed potential scope changes (if desired by Board) with Chair and Program Development manager.
- Coordinated and provided response re: Asm. Dodd staff inquiry.

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

Bryant & Associates ~ Program Development

- Participated in Program Management, Federal and State Advocacy Management Call
- Board Meeting: prepared information for and participated in planning calls, webmeetings in preparation for December Board meeting
- Prepared for and attended TAC worksession on budget and cost allocations
- Prepared for and attend meeting with Reclamation and SCWA regarding drought projects and water supply planning
- Activities in coordination with The Ferguson Group:
 - Coordinated on information needs re Phase 2 authorization fix
 - Coordinated on activities and progress on Drought Legislation

The Ferguson Group ~ Federal Advocacy

- **Drought Legislation.**—Meetings were held with House and Senate negotiators on the drought legislation. Work continued on key components advocated by the Authority: RIFIA, an expansion of WaterSMART grants and Title XVI reform to allow currently unauthorized projects to compete for Title XVI competitive construction dollars. TFG attended meetings with the House Leadership, the Offices of Senators Boxer and Feinstein as well Senate and House Committees regarding the RIFIA proposal to expand the WIFIA language in WRRDA 2014 to include Reclamation. Work also continued with the offices of key House Members regarding options for moving forward on financing and other components of drought relief in the new Congress.
- **Phase 2 Authorization.**—Work continued on options to address the Phase 2 authorization ambiguities. TFG followed up on meetings with Reclamation and continued discussions with senior advisors to the Deputy Secretary of the Department of the Interior and key program administrators in Reclamation's Policy and Administration Office in Denver, CO, regarding the Phase 2 authorization issues.

The Onate Group ~ State Advocacy

- Updated NBWRA staff about agenda topics for WaterReuse's annual legislative/regulatory planning meeting at Irvine Water District.
- Attended in-person-only WaterReuse meeting at Irvine Water District on November 2.
- Provided summary information re: meeting to NBWRA consultants/staff.
- Began discussions with NBWRA consultants/staff/leadership regarding NBWRA legislative/Capitol meetings in 2016 (re: introductory meetings, ocean discharge issue, etc.)



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

ACTIVITIES: OCTOBER 1, 2016 THROUGH OCTOBER 31, 2016

TASK 1 WORKSHOPS/PUBLIC OUTREACH/MGT

1.1 Workshops

- Conference calls, meetings, and materials preparation for October 24, 2016 Board of Directors meeting
- Presentation developed regarding calculations, analysis and summaries of Program cost allocation methods
- Development of a memorandum to the TAC summarizing the cost allocation methods
- Attendance at October 24, 2016 Board of Directors meeting

1.3 Public Involvement

- Phone calls with project team members for collaboration on preparation of upcoming Board Workshop and Meetings.
- Attend Board meeting.
- Updating and maintaining relevant program content and news articles on project web site.
- Provide project information to Board members as requested.
- Prepare PowerPoint for Chair for Nov 2nd presentation at US Mayors Water Council being held in Napa on Nov 3
- Updating 4 page overview and preparing one-sheet brochure for potential new members

1.4 Administration

- Performed project invoicing and developed activities report

TASK 2 TITLE XVI FEASIBILITY STUDY/REPORT

- Addressed Member Agency comments on the Draft Feasibility Report.
- Responded to Member Agency questions on various Sections, including updates to projects discussed in Section 5.
- Ran 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

- Analysis of all grant applications and development of summary sheets and a summary table of grants, their descriptions, and their costs to prepare for Phase 1 Program reviews or audits

Additional Services

- No Activity



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

ACTIVITIES: NOVEMBER 1, 2016 THROUGH NOVEMBER 30, 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 November 14, 2016 special additional TAC meeting
- Presentation developed regarding calculations, analysis and summaries of Program cost allocation methods
- Development of a memorandum to the TAC summarizing the cost allocation methods
- Attendance at November 14, 2016 special TAC meeting
- Separate Webmeeting/Conference Calls with each Member Agency to discuss the assumptions, scenarios and calculations for potential cost allocation methods
- Additional communication with SVCSD regarding additional scenarios for cost allocation to be evaluated
- 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.
- Updating 4 page overview and preparing one-sheet brochure for potential new members
- Coordinate web updates and Mail Chimp email system for distributing program and project related information

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
- Finalizing 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

- Analysis of all grant applications and development of summary sheets and a summary table of grants, their descriptions, and their costs to prepare for Phase 1 Program reviews or audits

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
October 2016 Progress Report

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

- Drafted October 24, 2016 Board agenda and sent to Chair for Review. Revised same based on comments received from Chair. Sent final to member agencies for Brown Act posting.
- Reviewed Chair PowerPoint for Agenda and sent email detailing various issues.
- Prepared and distributed October 24, 2016 Board agenda packet.
- Reviewed various news articles distributed by Outreach consultant.
- Updated distribution lists.

2.2 Task 2: Financial Management

- Updated consultant cost tracking spreadsheet and reconciled Agency Trust worksheet for FY15/16.
- Reviewed and responded to various questions from member agencies regarding budget and cost sharing.
- Sent email to Chair recommending process for TAC review of budget and cost allocations. Reviewed Chair email to TAC assigning responsibility to B&C.
- Reviewed B&C's cost allocation memo.

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 September 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.

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

November 2016 Progress Report

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

- Distributed information on EPA meeting in San Francisco related to RIFIA.
- Drafted October 24, 2016 Board minutes and revised based on comments received.
- Completed reservation form for use of Novato City Hall in 2017 and submitted to City staff. Reviewed completed permit for 2017 meetings and forwarded to Agency staff.
- Traveled to and from office to Novato to attend TAC meeting on November 14, 2016.
- Email review and response with member agency staff member regarding 2017 meeting schedule.

2.2 Task 2: Financial Management

- Reviewed B&C Budget memos to Board and TAC.
- Emailed B&C with correct program management costs for FY15/16 and FY16/17.
- Reviewed Agency costs for FY2015/16 and proposed costs for FY16/17.

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 October 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

Dec-16

Consultant Cost Tracking

Fiscal Year 2014/15 through Fiscal Year 2016/17

Only FY2014/15 and FY2015/16 have been approved	Sep-16	Oct-16	Nov-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	7,221	6,168	6,413	81,743	76,346	31,928	190,018	38,222	16.75%	76,080	76,080	76,080	228,240
Federal Advocacy (30% of \$88,000 total) - TFG sub to Bryant	2,564	2,567	3,199	27,979	32,042	13,843	73,864	53,336	41.93%	26,400	50,400	50,400	127,200
Total Costs for Phase 1 Support	9,785	13,919	10,187	166,340	180,629	51,789	398,759	174,423	31.54%	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	10,832	9,253	9,619	112,885	114,519	47,893	275,296	67,064	19.59%	114,120	114,120	114,120	342,360
Federal Advocacy (70% of \$88,000 total) - TFG sub to Bryant	5,982	5,989	7,463	59,228	74,765	31,280	165,272	43,528	20.85%	61,600	85,600	61,600	208,800
Total Costs for Phase 2 Support	16,814	15,242	17,083	172,112	189,284	79,172	440,569	110,591	20.07%	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	47,548	36,242	44,764	460,660	874,799	201,099	1,536,558	1,258,202	45.02%	823,335	907,636	1,063,789	2,794,760
SCWA Administration, Grants, and EIR/EIS	9,120	14,599	9,148	32,013	41,447	41,688	115,147	284,853	21.70%	116,836	132,205	150,958	400,000
Total Costs for Study	56,669	50,841	53,913	492,673	916,245	242,787	1,408,919	1,785,841	58.67%	940,171	1,039,841	1,214,747	3,194,760
Total Costs for Phase 2	73,483	66,083	70,995	664,786	1,105,530	321,959	2,092,274	263,179	11.17%	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	4,119	3,320	2,469	46,917	51,582	20,940	119,439	102,061	46.08%	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	18,500	90,500	25,900	22.25%	36,000	36,000	44,400	116,400
SCWA Administration	10,928	12,410	4,997	73,702	152,302	35,533	261,537	143,463	45.63%	135,000	135,000	135,000	405,000
Total Costs for Joint Use	18,747	19,430	11,165	156,619	239,884	74,973	471,476	271,424	50.98%	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	4,119	3,320	2,469	46,917	51,582	20,940	119,439	102,061	46.08%	70,500	75,500	75,500	221,500
Bryant & Associates	30,299	27,677	30,394	308,725	333,672	143,443	785,841	237,159	23.18%	314,200	362,200	346,600	1,023,000
Brown & Caldwell	47,548	41,426	45,340	494,736	947,040	207,117	1,648,893	1,343,486	44.90%	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	10,928	27,009	14,145	105,715	193,749	59,280	358,744	446,256	55.44%	251,836	267,205	285,958	805,000
Total Costs for NBWRA	92,894	99,431	92,348	956,093	1,526,043		2,482,136	2,128,962	42.23%	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 December 15, 2016**

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	95,900	-	95,900	133,650	-	133,650	(37,750)	18,471	115,179	86.2%
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	350,761	-	350,761	318,361	-	318,361	32,400	112,869	205,491	64.5%
SCWA Administration	SCWA	518,483	-	518,483	518,483	-	518,483	-	77,693	440,790	85.0%
TOTAL BUDGET		\$ 2,534,548	\$ -	\$ 2,534,548	\$ 2,488,026	\$ -	\$ 2,488,026	\$ 46,522	\$ 281,836	\$ 2,206,191	88.7%

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	-	18,471	39,679	68.2%
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	-	41,116	145,368	78.0%
SCWA Administration Joint Use	SCWA	46,042	-	46,042	46,042	-	46,042	-	36,578	9,464	20.6%
TOTAL BUDGET		\$ 701,586	\$ -	\$ 701,586	\$ 701,586	\$ -	\$ 701,586	\$ -	\$ 168,966	\$ 532,620	75.92%

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	-	150,958	150,958	-	150,958	-	-	150,958	100.0%
TOTAL BUDGET		\$ 1,466,339	\$ -	\$ 1,466,339	\$ 1,390,467	\$ -	\$ 1,390,467	\$ 75,872	\$ 62,270	\$ 1,328,197	95.52%

Joint Use

Project	Consultant	Original Budget	Amend	Revised Budget	Original Contract	Amend	Total Contract	Uncommitted	Total Expenses	Remaining	% Avail.
Program Management	Weir	37,750	-	37,750	75,500	-	75,500	(37,750)	-	75,500	100.0%
State Funding / State Outreach	Bryant & Associates	44,400	-	44,400	36,000	-	36,000	-	14,800	21,200	58.9%
Admin Agency Services	SCWA	135,000	-	135,000	135,000	-	135,000	-	-	135,000	100.0%
TOTAL BUDGET		\$ 217,150	\$ -	\$ 217,150	\$ 246,500	\$ -	\$ 246,500	\$ (37,750)	\$ 14,800	\$ 231,700	94.00%

Total FY16/17 Budget for all Phases	\$1,832,962
Total including rollovers from FY16/17 & amendments	\$2,488,026

2016/17 Budget Allocations

PHASE 1										
Approved by Board May 19, 2014 Reapproved FY 15/16 on April 27, 2015 Reapproved FY 16/17 on April 25, 2016										
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										
Approved by Board May 19, 2014 Reapproved FY 15/16 on April 27, 2015 Reapproved FY 16/17 on April 25, 2016										
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										
Approved by Board May 19, 2014 Reapproved FY 15/16 on April 27, 2015 Reapproved FY 16/17 on April 25, 2016										
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	\$ 37,750	\$ 4,719	\$ 4,719	\$ 4,719	\$ 4,719	\$ 4,719	\$ 4,719	\$ 4,719	\$ -	
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	\$ 217,150	\$ 27,143	\$ 27,144	\$ 27,144	\$ 27,144	\$ 27,144	\$ 27,144	\$ 27,143	\$ 27,144	\$ -

Totals - As Budgeted										
Approved by Board May 19, 2014 Reapproved FY 15/16 on April 27, 2015 Reapproved FY 16/17 on April 25, 2016										
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 FY13/14	\$ 149,473	\$ 10,820	\$ 47,675	\$ 12,871	\$ 41,064	\$ 5,338	\$ 5,338	\$ 26,367	\$ -	\$ -
Total Phase 2 FY13/14	\$ 1,466,339	\$ -	\$ 515,970	\$ 391,244	\$ 57,355	\$ 159,624	\$ -	\$ 342,146	\$ -	\$ -
Total Joint Phase FY13/14	\$ 217,150	\$ 27,143	\$ 27,144	\$ 27,144	\$ 27,144	\$ 27,144	\$ 27,144	\$ 27,143	\$ 27,144	\$ -
Total Phase 1, 2 and Joint FY13/14	\$ 1,832,962	\$ 37,963	\$ 590,789	\$ 431,259	\$ 125,563	\$ 192,106	\$ 32,482	\$ 53,510	\$ 369,290	\$ -

Notes:

\$1 added/subtracted to correct rounding issues

North Bay Water Reuse Authority
July 1, 2016 to Date Transaction Summary
as of December 15, 2016
PHASE 1

Item No. 6.b

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

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)
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	Expires	% Spent
B&C FY15/16	20,309.01	bc2	258.00	-	20,051.01	6/30/2017	1%
B&C FY16/17	46,993.00	bc3	-	-	46,993.00	6/30/2017	0%
Bryant & Associates FY15/16	(4,683.21)	ba2	-	-	(4,683.21)	6/30/2017	0%
Bryant & Associates FY16/17	102,480.00	ba3	35,799.66	-	66,680.34	6/30/2017	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

North Bay Water Reuse Authority
July 1, 2016 to Date Transaction Summary
as of December 15, 2016
PHASE 2

Item No. 6.b

Date	Description	Amount			Las Galinas	Napa	Novato	SVCS	SCWA	City of Petaluma	Marin Muni Water Dist.
	Beginning Balance	1,045,700.19	b		647.63	367,010.05	278,448.23	41,371.53	113,988.04	243,587.08	647.63
7/28/2016	Napa San - Phase II Fee (WTRN-17)	244,637.00	d			244,637.00					
8/23/2016	SCWA - Phase II Fee (WTRN-21)	75,683.00	d						75,683.00		
7/28/2016	Novato San - Phase II Fee (WTRN-16)	185,501.00	d				185,501.00				
8/22/2016	Petaluma - Phase II Fee (WTRN-14)	162,222.00	d							162,222.00	
8/23/2016	SVCS - Phase II Fee (WTRN-22)	27,194.00	d					27,194.00			
8/24/2016	Bryant & Associates July 2016	(15,173.35)	p	ba3	-	(5,339.15)	(4,048.50)	(593.49)	(1,651.75)	(3,540.45)	
8/26/2016	Salary/Assn Chgs Applied	(8,820.21)	p	a2	-	(3,103.63)	(2,353.38)	(344.99)	(960.16)	(2,058.05)	
9/13/2016	Salary/Assn Chgs Applied	(9,086.06)	p	a2	-	(3,197.17)	(2,424.31)	(355.39)	(989.10)	(2,120.08)	
9/13/2016	Equipment Usage Charges	(34.40)	p	a2	-	(12.10)	(9.18)	(1.35)	(3.74)	(8.03)	
9/15/2016	Bryant & Associates August 2016	(15,040.93)	p	ba3	-	(5,292.56)	(4,013.17)	(588.31)	(1,637.34)	(3,509.55)	-
9/16/2016	Brown & Caldwell Invoice 11273606	(33,669.27)	p	bc2	-	(11,847.44)	(8,983.53)	(1,316.94)	(3,665.20)	(7,856.16)	-
10/7/2016	Salary/Assn Chgs Applied	(5,185.67)	p	a2	-	(1,824.72)	(1,383.62)	(202.83)	(564.51)	(1,209.99)	
10/12/2016	Brown & Caldwell Invoice 11275196	(38,874.30)	p	bc2	-	(13,678.97)	(10,372.32)	(1,520.53)	(4,231.81)	(9,070.67)	-
10/12/2016	Bryant & Associates September 2016	(16,813.70)	p	ba3	-	(5,916.35)	(4,486.18)	(657.65)	(1,830.32)	(3,923.20)	
10/20/2016	Salary/Assn Chgs Applied	(9,413.19)	p	a2	-	(3,312.28)	(2,511.60)	(368.19)	(1,024.71)	(2,196.41)	
11/4/2016	Salary/Assn Chgs Applied N4	572.05	p	a2	-	201.29	152.63	22.38	62.27	133.48	
11/4/2016	Salary/Assn Chgs Applied N5	(1,109.15)	p	a2	-	(390.28)	(295.94)	(43.38)	(120.74)	(258.80)	
11/14/2016	Bryant & Associates October 2016	(15,241.65)	p	ba3	-	(5,363.18)	(4,066.73)	(596.16)	(1,659.19)	(3,556.39)	
11/23/2016	Salary/Assn Chgs Applied N4	(3,229.63)	p	a2	-	(1,136.43)	(861.72)	(126.32)	(351.57)	(753.58)	
12/1/2016	Salary/Assn Chgs Applied N4	(4,809.42)	p	a2	-	(1,692.32)	(1,283.23)	(188.12)	(523.55)	(1,122.20)	
					-	-	-	-	-	-	-
Current NBWRA Balance		1,716,943.63			647.63	603,204.27	457,547.34	67,627.04	187,059.13	400,210.58	647.63
PENDING											
	Bryant & Associates Correction	(7,200.00)		ba2	-	(2,533.51)	(1,921.08)	(281.62)	(783.78)	(1,680.00)	-
	Bryant & Associates November 2016	(17,082.55)		ba3	-	(6,010.95)	(4,557.91)	(668.17)	(1,859.59)	(3,985.93)	-
	Brown & Caldwell Invoice 11277970	(47,548.46)		bc2	-	(16,731.20)	(12,686.73)	(1,859.82)	(5,176.07)	(11,094.64)	-
	Brown & Caldwell Invoice 11280312	(36,242.26)		bc2	-	(12,752.81)	(9,670.04)	(1,417.58)	(3,945.29)	(8,456.53)	-
	Brown & Caldwell Invoice 11281805	(44,764.48)		bc2	-	(15,751.59)	(11,943.92)	(1,750.92)	(4,873.01)	(10,445.05)	-
Projected Balance		1,564,105.88			647.63	549,424.20	416,767.66	61,648.93	170,421.39	364,548.44	647.63
					LG	Napa	Nov	SV	SCWA	Petaluma	MMWD
					0.038%	35.132%	26.649%	3.939%	10.895%	23.309%	0.038%
					647.63	367,010.05	278,448.23	41,371.53	113,988.04	243,587.08	647.63
					-	244,637.00	185,501.00	27,194.00	75,683.00	162,222.00	-
					-	-	-	-	-	-	-
					-	(8,442.78)	(6,401.89)	(938.49)	(2,611.91)	(5,598.50)	-
					647.63	603,204.27	457,547.34	67,627.04	187,059.13	400,210.58	647.63

NBWRA Reconciliation		
Beginning Balance	1,045,700.19	b
Deposits	695,237.00	d
Interest Earnings	-	i
Payments	(23,993.56)	p
	1,716,943.63	

North Bay Water Reuse Authority
July 1, 2016 to Date Transaction Summary
as of December 15, 2016
PHASE 2

Item No. 6.b

<u>Vendor</u>	NBWRA Obligations		<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	41,115.68	-	145,367.60		22%	Carryover from LFY
Admin Agency Services FY16/17	150,958.00	a3	-	-	150,958.00		0%	
Total	337,441.28		41,115.68	-	296,325.60			
Miscellaneous Expenses		m	-					
	<u>Scheduled costs</u>		<u>Expenses</u>	<u>Adjustments</u>	<u>Balance</u>		<u>% Spent</u>	
Total	1,972,235.33		175,928.88	-	1,796,306.45		9%	

North Bay Water Reuse Authority
July 1, 2016 to Date Transaction Summary
as of December 15, 2016
Joint Use

Item No. 6.b

Date	Description	Amount		Las Galinas	Napa	Novato	SVCS	SCWA	Napa County	North Marin	City of
	Beginning Balance	142,772.49	b	22,160.92	22,161.92	22,162.92	(8,650.08)	22,160.92	22,161.92	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								
7/28/2016	Napa San - JU Fee (WTRN-17)	15,406.00	d								
7/28/2016	Novato San - JU Fee (WTRN-16)	15,407.00	d								
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	62.90
8/8/2016	Xteles Corporation	(16.25)	p a2	(2.03)	(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)	(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)	(11.20)
8/22/2016	Petaluma - JU Fee (WTRN-14)	15,406.00	d								
8/23/2016	SCWA - JU Fee (WTRN-21)	15,407.00	d								
8/23/2016	SVCS - JU Fee (WTRN-22)	15,407.00	d								
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)	(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)	(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)	(5.38)
8/30/2016	Xteles Corporation	(7.70)	p a2	(0.96)	(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								
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)	(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)	(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)	(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)	(7.97)
9/23/2016	Correction - CA WaterReuse Conference Reg	(500.00)	p a2	(62.50)	(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)	(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)	(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)	(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)	(462.50)
10/17/2016	NBWA meeting provisions	(70.35)	p a2	(8.79)	(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)	(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)	(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)	(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)	(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)	(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)	(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)	(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)	(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)	(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)	(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)	(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)	(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)	(132.87)
12/8/2016	Xteles Corporation	(11.50)	p a2	(1.44)	(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)	(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)	(14.96)
				-	-	-	-	-	-	-	-
Current NBWA Balance		206,175.34		28,835.78	28,836.78	28,838.78	(1,974.22)	28,836.78	28,837.78	28,836.78	25,126.91
PENDING											
	Bryant & Associates November 2016	(3,700.00)	ba3	(462.50)	(462.50)	(462.50)	(462.50)	(462.50)	(462.50)	(462.50)	(462.50)
	Weir Technical Services SCWA 11-16	(2,400.00)	w2	(300.00)	(300.00)	(300.00)	(300.00)	(300.00)	(300.00)	(300.00)	(300.00)
	Weir Technical Services SCWA 11-16 (Expenses)	(68.72)	w2	(8.59)	(8.59)	(8.59)	(8.59)	(8.59)	(8.59)	(8.59)	(8.59)
				-	-	-	-	-	-	-	-
Projected Balance		200,006.62		28,064.69	28,065.69	28,067.69	(2,745.31)	28,065.69	28,066.69	28,065.69	24,355.82

NBWA Reconciliation	
Beginning Balance	142,772.49
Deposits	133,252.00
Interest Earnings	-
Payments	(69,849.15)
Balance	206,175.34

LG	Napa	Nov	SV	SCWA	Napa County	North Marin	Petaluma
	13.986%	13.987%	13.988%	-0.958%	13.987%	13.987%	12.187%
	22,160.92	22,161.92	22,162.92	(8,650.08)	22,160.92	22,161.92	18,452.05
	15,406.00	15,406.00	15,407.00	15,407.00	15,407.00	15,406.00	15,406.00
	-	-	-	-	-	-	-
	(8,731.14)	(8,731.14)	(8,731.14)	(8,731.14)	(8,731.14)	(8,731.14)	(8,731.14)
	28,835.78	28,836.78	28,838.78	(1,974.22)	28,836.78	28,837.78	25,126.91

North Bay Water Reuse Authority
July 1, 2016 to Date Transaction Summary
as of December 15, 2016
Joint Use

Item No. 6.b

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>
Weir Technical Services FY15/16	58,150.43	w2	18,471.48	-	39,678.95	6/30/2017	32%
Weir Technical Services FY16/17	75,500.00	w3	-	-	75,500.00	6/30/2017	0%
Bryant & Associates FY16/17	36,000.00	ba3	14,800.00	-	21,200.00	6/30/2017	41%
Total	169,650.43		33,271.48	-	136,378.95		
	<u>Unencumbered</u>		<u>Spent</u>	<u>Misc.</u>	<u>Balance</u>		<u>% Spent</u>
Admin Agency Services FY15/16	46,041.77	a2	36,577.67	-	9,464.10		79%
Admin Agency Services FY16/17	135,000.00	a3	-	-	135,000.00		0%
Unallocated funds	64,595.89	ua	-	-	64,595.89		0%
Contingency	-	c	-	-	-		#DIV/0!
Total	245,637.66		36,577.67	-	209,059.99		
Miscellaneous Expenses		m	-				
	<u>Scheduled costs</u>		<u>Expenses</u>	<u>Adjustments</u>	<u>Balance</u>		<u>% Spent</u>
Total	415,288.09		69,849.15	-	345,438.94		17%

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 December 15, 2016
Discretionary

Item No. 6.b

<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
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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
	MMWD	Marin County	AM
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)	-	500.00	-	(500.00)		#DIV/0!	ua
Admin Agency Services (Room Rental)	-	-	-	-		#DIV/0!	rr
Federal Congressional Tour	-	-	-	-		#DIV/0!	ft
State Congressional Tour	-	-	-	-		#DIV/0!	st
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 December 15, 2016**

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

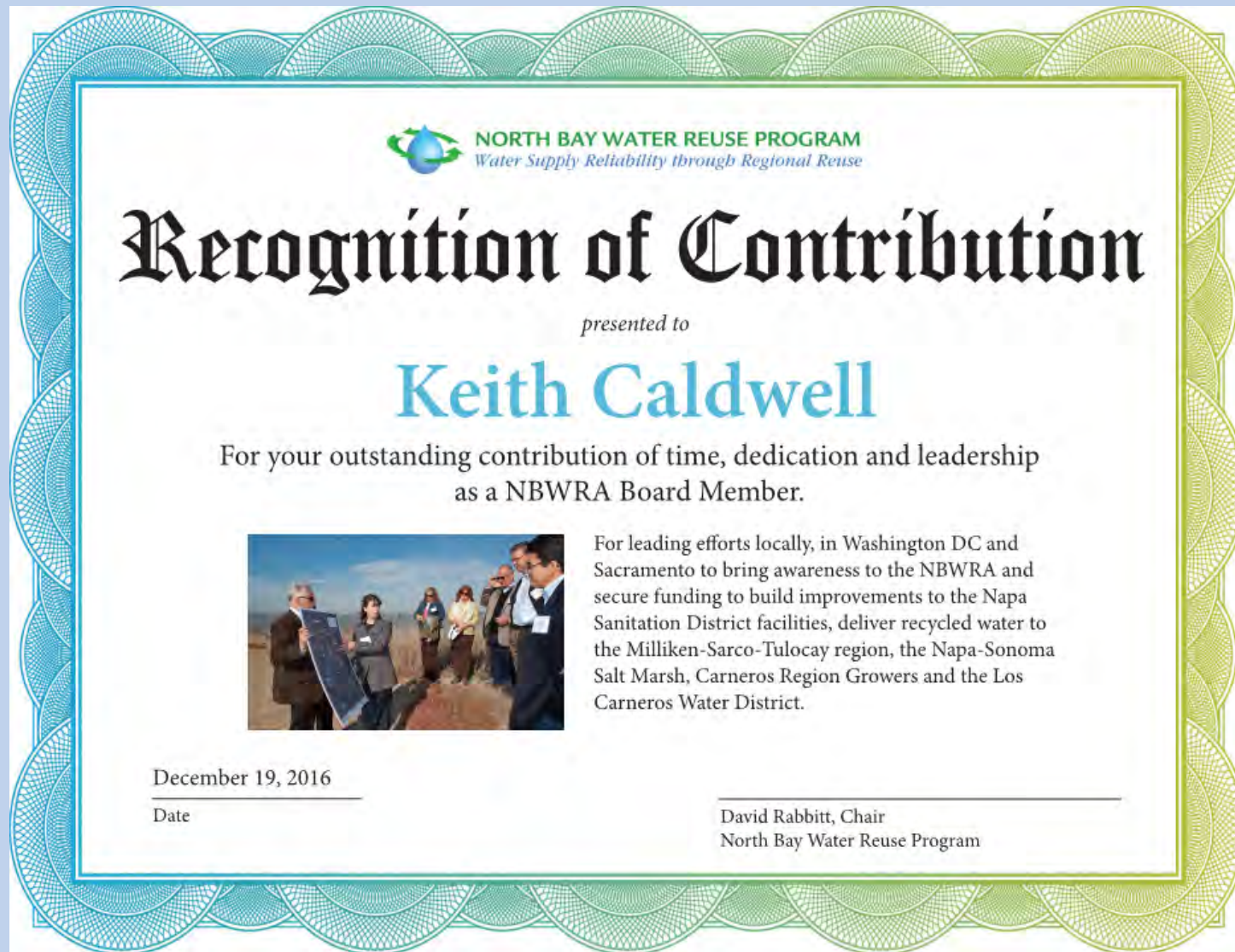
Period	Date Posted	Amount
1st Quarter	10/15/2014	\$ 1,849.53
2nd Quarter	1/15/2015	\$ 2,430.25
3rd Quarter	4/16/2015	\$ 2,256.57
4th Quarter	7/15/2015	\$ 1,682.38
Total		\$ 8,218.73

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		
3rd Quarter		
4th Quarter		
Total		\$ 4,111.97





Board Information Requests

Item 7



6



NORTH BAY WATER REUSE PROGRAM
Expanding Water Supplies with Regional Reuse

Board Information Requests

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

- 💧 Status: **Items pending until Budget issues resolved**
 - Revising Program Brochure and Membership Information to reflect Board Decisions



NBWRA Budget

Item 8



FY 16/17 Budget and Cost Allocation

Topics

- FY 16/17 Budget and Cost Allocation with Existing Agencies
- Addition of New Members Agencies

Budget and Cost Allocation with Existing Agencies

Budget to be Considered for Approval

Table 1: 3-Year Budget, including Amendments				
Item	FY14/15	FY15/16	FY16/17	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	\$3,006,890
Total	\$1,532,499	\$1,666,539	\$1,735,601	\$4,934,640

Amended Budget

Budget Remaining for Each Agency FY16/17

	LGVSD	Napa SD	Novato SD	SVCSD	SCWA	NMWD	Napa County	Petaluma	MMWD	American Canyon
Remaining Costs for FY16/17	\$10,691	-\$320,619	-\$161,641	\$384,330	\$174,913	\$19,961	\$7,419	\$115,841	\$0	\$0

Basis of the Budget Remaining for FY16/17

	LGVSD	Napa SD	Novato SD	SVCSD	SCWA	NMWD	Napa County	Petaluma	MMWD	American Canyon
Sept 2016 w/ SVCSD mod (Current Agencies)	\$118,247	\$1,086,631	\$864,406	\$768,201	\$661,522	\$172,276	\$99,194	\$1,164,163	\$0	\$0
Phase 2 Study Grant Refund	\$0	\$120,128	\$98,609	\$69,917	\$62,739	\$0	\$0	\$98,609	\$0	\$0
Net Costs	\$118,247	\$966,503	\$765,798	\$698,284	\$598,783	\$172,276	\$99,194	\$1,065,555	\$0	\$0
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	\$10,691	-\$320,619	-\$161,641	\$384,330	\$174,913	\$19,961	\$7,419	\$115,841	\$0	\$0

Action: Consider Approving the FY 16/17 Amended Budget



What's Next: Addition of New Member Agencies



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	MMWD	American Canyon
Remaining Costs for FY16/17	\$5,612	-\$405,778	-\$243,227	\$319,161	\$100,839	\$14,882	\$2,339	-\$33,598	\$249,791	\$357,028

Basis of the Budget Remaining for FY16/17

	LGVSD	Napa SD	Novato SD	SVCSD	SCWA	NMWD	Napa County	Petaluma	MMWD	American Canyon
Sept 2016 w/ SVCSD mod (Current Agencies)	\$113,168	\$986,081	\$769,523	\$692,524	\$577,642	\$167,197	\$94,114	\$1,001,427	\$274,464	\$394,652
Phase 2 Study Grant Refund	\$0	\$104,738	\$85,311	\$59,409	\$52,934	\$0	\$0	\$85,311	\$24,674	\$37,625
Net Costs	\$113,168	\$881,344	\$684,212	\$633,115	\$524,709	\$167,197	\$94,114	\$916,116	\$249,791	\$357,028
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	-\$405,778	-\$243,227	\$319,161	\$100,839	\$14,882	\$2,339	-\$33,598	\$249,791	\$357,028

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Phase 1 Cost Reallocation



Phase 1 Cost Reallocation

💧 Why needed:

- Phase 1 construction grants funds were reallocated to other members due to SVCSD reducing their projects
- As a result, Napa SD, Novato SD, NMWD, and LGVSD all received additional construction funds
- Associated administrative costs

💧 What will be finalized as a resulted of this reallocation:

- Phase 1 costs through FY 14/15
- Phase 1 costs for FY 15/16 through 16/17

💧 Process:

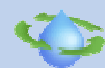
- SCWA initiating determinations
- Presentation/discussion at January 2017 Board meeting
- Invoices will be sent upon approval

Program Development, Federal and State Advocacy

Item 9



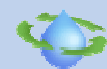
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NORTH BAY WATER REUSE PROGRAM
Expanding Water Supplies with Regional Reuse



Program Development and Federal Advocacy



Review: Drought Bill Provisions NBWRA has been Advocating

Included in Senator Feinstein's Bill:

- RIFIA Loans funded at \$200M
- WaterSMART Grants for treatment, storage, distribution and water management projects funded at \$150M
- Title XVI eligibility for un-authorized Title XVI projects funded at \$200M
- De-authorization of USBR projects to provide budget offset to fund the above provisions

What was Included in WIIN Act

💧 \$100M Increase in WaterSMART Funding

- \$50M specifically for activities on the Colorado River
- \$50M for expanded WaterSMART Grants:
 - We will need to be very involved in development of the grant criteria
 - FOA's likely Fall 2017

💧 RIFIA Was Not Included

- Will likely be part of new Administrations Infrastructure Plan

What was Included in WIIN Act

- 💧 \$50M for NEW Title XVI Program for Unauthorized Water Reuse and Recycling Projects
 - Existing study process applies
 - Adds priority criteria for drought, water supply, environmental, stakeholder driven, regional and multi-benefits projects
 - Adds Congressional review prior to grant award
 - New Program Criteria due to Congress in 180 Days
 - We will need to be very involved in development of the grant criteria
 - FOA's likely Fall 2017

Title XVI and How We Proceed with Phase 2 Authorization

- 💧 New Title XVI Program for \$50M in grant assistance for unauthorized projects
- 💧 WIIN did not delete the existing Title XVI program
 - Funded at \$25M +/- annually
 - Requires program authorization
- 💧 Need to continue work with USBR Solicitor and Denver Policy regarding which Program to apply for construction grant assistance

Additional Items in WIIN

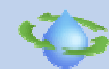
- 💧 EPA has new authorities under WIFIA for drought impacts that included watershed benefits, storage and groundwater projects
- 💧 The Continuing Resolution (CR) to fund the Government expires on April 28, 2017
 - Will likely be new water legislation and 'fixes' attached to the full authorizations bill

Information and Next Steps

- 💧 Rep. Cathy McMorris Rodgers (R-WA) has been nominated to head Department of Interior
- 💧 Watching for candidates for USBR Commissioner
- 💧 Developing comments on WaterSMART and Title XVI Program Criteria
- 💧 Working with USBR Denver Policy to determine best Title XVI Program for NBWRA Phase 2 construction



State Advocacy



State Advocacy

- 💧 New legislators sworn in December 5
- 💧 As reported, Republicans lost a key Orange County Senate seat; giving Democrats a 2/3 supermajority in both houses
- 💧 With a supermajority, Democrats have the ability to pass bonds, fees, taxes and constitutional amendments to go the ballot without a single Republican vote - they already had the ability to pass budgets on a majority vote

First Day of New Legislature Brought Bond Introductions

- 💧 Both Senate Leader Kevin DeLeon and Assemblymember Eduardo Garcia introduced bond measures on December 5
- 💧 SB 5 (DeLeon) appears to be a Parks and Water hybrid
 - \$1.5 million for primarily parks and open space-related purposes
 - \$1.5 million for water-related purposes
 - **Including \$375 million for water recycling purposes consistent with the language of Proposition 1's recycled water/desal funding chapter**
 - \$375 million for the IRWM program
- 💧 AB 18 (Garcia) calls for \$3 billion that largely focused on Parks, Open Space and other related purposes

Sen. Hertzberg – Ocean Discharge Reduction Mandate

- 💧 In anticipation of Sen. Hertzberg's efforts in the new session, discussions have begun with CASA led opposition coalition and WaterReuse
 - Coalition members have indicated that they expect to maintain opposition positions on the issue of mandates
 - Some agencies may reevaluate positions depending on whether the mandate is lower (close to what they are meeting or expect to meet) or whether Hertzberg meaningfully modifies his proposal of last year

Potential WateReuse Legislative Proposal on DPR

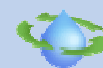
- 💧 WateReuse is internally discussing potential language to ensure state agency progress on DPR regulations
 - Follows last year's SWRCB's report to the Legislature: "Investigation on the Feasibility of Developing Uniform Water Recycling Criteria for Direct Potable Reuse"
 - Component of the proposal would strike existing statute's distinction between "direct potable reuse" and "indirect potable reuse" in favor of a consolidated definition for potable reuse
 - Proposal will be subject to ongoing discussion by WateReuse before it potentially moves forward in the Legislature.

2017 NBWRA Outreach – Please Stay Tuned

- 💧 Watch for proposed dates for NBWRA day in the State Capitol
- 💧 NBWRA may also wish to consider a tour for new area legislator – Assemblywoman Cecilia Aguilar-Curry – and her staff

Engineering and Environmental Services and Public Outreach Services

Item 10



Feasibility Study Status Report

Feasibility Report

- 💧 Final Sections posted to SharePoint
- 💧 Comment register also posted to SharePoint:
 - All comments and edits noted
 - Response to comments and edits noted

Brown's Calloway
Comment Log

Client: North Bay Water Reuse Authority
Project: Phase 2 Feasibility Study Report

Project Number: 140601
Date: 10/20/2015

Comment Number	Client Name	Client Agency	Date	Reference (Page, Section)	Revision / Comments / Questions	Response	Resolution / Response	Date
1.01	Hayes	SD	7/10/2015	1.1 P1.1	Update with latest cost information?	JD	Accepted, revision made	8/10/2015
1.02	Hayes	SD	7/10/2015	1.1 P1.1	Update with latest cost information?	JD	Accepted, revision made	8/10/2015
1.03	Hayes	SD	7/10/2015	1.1 P1.1	Update with latest cost information?	JD	Accepted, revision made	8/10/2015
1.04	Hayes	SD	7/10/2015	1.1 P1.1	Update with latest cost information?	JD	Accepted, revision made	8/10/2015
1.05	Hayes	SD	7/10/2015	1.1 P1.1	Update with latest cost information?	JD	Accepted, revision made	8/10/2015
1.06	Hayes	SD	7/10/2015	1.1 P1.1	Update with latest cost information?	JD	Accepted, revision made	8/10/2015
1.07	Hayes	SD	7/10/2015	1.1 P1.1	Update with latest cost information?	JD	Accepted, revision made	8/10/2015
1.08	Hayes	SD	7/10/2015	1.1 P1.1	Update with latest cost information?	JD	Accepted, revision made	8/10/2015
1.09	Hayes	SD	7/10/2015	1.1 P1.1	Update with latest cost information?	JD	Accepted, revision made	8/10/2015
1.10	Hayes	SD	7/10/2015	1.1 P1.1	Update with latest cost information?	JD	Accepted, revision made	8/10/2015
1.11	Hayes	SD	7/10/2015	1.1 P1.1	Update with latest cost information?	JD	Accepted, revision made	8/10/2015
1.12	Hayes	SD	7/10/2015	1.1 P1.1	Update with latest cost information?	JD	Accepted, revision made	8/10/2015
1.13	Hayes	SD	7/10/2015	1.1 P1.1	Update with latest cost information?	JD	Accepted, revision made	8/10/2015
1.14	Hayes	SD	7/10/2015	1.1 P1.1	Update with latest cost information?	JD	Accepted, revision made	8/10/2015
1.15	Hayes	SD	7/10/2015	1.1 P1.1	Update with latest cost information?	JD	Accepted, revision made	8/10/2015
1.16	Hayes	SD	7/10/2015	1.1 P1.1	Update with latest cost information?	JD	Accepted, revision made	8/10/2015
1.17	Hayes	SD	7/10/2015	1.1 P1.1	Update with latest cost information?	JD	Accepted, revision made	8/10/2015
1.18	Hayes	SD	7/10/2015	1.1 P1.1	Update with latest cost information?	JD	Accepted, revision made	8/10/2015
1.19	Hayes	SD	7/10/2015	1.1 P1.1	Update with latest cost information?	JD	Accepted, revision made	8/10/2015
1.20	Hayes	SD	7/10/2015	1.1 P1.1	Update with latest cost information?	JD	Accepted, revision made	8/10/2015
1.21	Hayes	SD	7/10/2015	1.1 P1.1	Update with latest cost information?	JD	Accepted, revision made	8/10/2015
1.22	Hayes	SD	7/10/2015	1.1 P1.1	Update with latest cost information?	JD	Accepted, revision made	8/10/2015
1.23	Hayes	SD	7/10/2015	1.1 P1.1	Update with latest cost information?	JD	Accepted, revision made	8/10/2015
1.24	Hayes	SD	7/10/2015	1.1 P1.1	Update with latest cost information?	JD	Accepted, revision made	8/10/2015
1.25	Hayes	SD	7/10/2015	1.1 P1.1	Update with latest cost information?	JD	Accepted, revision made	8/10/2015
1.26	Hayes	SD	7/10/2015	1.1 P1.1	Update with latest cost information?	JD	Accepted, revision made	8/10/2015
1.27	Hayes	SD	7/10/2015	1.1 P1.1	Update with latest cost information?	JD	Accepted, revision made	8/10/2015

Feasibility Study Report Changes for New Agencies

Feasibility Study Update with MMWD/CMSA and American Canyon (FY16/17)	
Title XVI Feasibility Study/Report	Description
Section 2 Problems and Needs	Add American Canyon water supply and demand with updates to 12 tables to include data. Review section 2.5 (Climate Change) to make sure no edits needed to cover American Canyon
Section 3 Water Reclamation Reuse and Needs	Add text for CMSA and American Canyon wastewater/recycled water; 5 table updates; brief description of Phase 2 Project
Section 4 Description of Alternatives	Revise to include process to add MMWD/CMSA and AC. Create rationale for addition of new agencies to the selection process. Redo the project scoring spreadsheet and tables
Section 5 Proposed Title XVI Program	Add description of projects, including costs; update Climate Change Vulnerability table for added projects
Section 6 Economic Analysis	LCC for added projects
Section 7 Environmental Consideration and Potential Effects	ESA to update with added projects
Section 9 Financial Capability of Sponsors	Need input from added agencies. Contact each agency
Sections 1, 8, and 10 Appendices	Update with discussion on added agencies

Preliminary Updated Study Schedule

	2016					2017								2018						
	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
Current Schedule																				
Feasibility Study	■																			
EIR/EIS		■	■	■	■	■	■	■	■	■	■	■	■	■						
Permitting															■	■	■			
ROD																		■		
Preliminary Updated Schedule with Added Projects																				
Feasibility Study			■	■	■	■														
EIR/EIS					■	■	■	■	■	■	■	■	■	■	■	■				
Permitting																	■	■	■	
ROD																				■



Items for Future Discussion & Action

Item 11



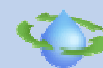
January 23, 2017 Meeting

- 💧 Update on State and Federal Issues
 - State legislative issues
 - Federal administration
 - Federal legislation and funding opportunities
- 💧 Discussion on FY 17/18 Budget



Comments from Chair and Board Members

Item 12





Adjourn

