



## NORTH BAY WATER REUSE PROGRAM

*Expanding Water Supplies with Regional Reuse*



### BOARD OF DIRECTORS MEETING

#### AGENDA

**Monday, April 25, 2016**

**9:30 A.M.**

**Novato City Hall Council Chambers**

**901 Sherman Avenue, Novato, CA 94945**

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

**1. Call to Order (1 minute)**

**2. Roll Call (1 minutes)**

**3. Public Comment (3 minutes)**

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

**4. Introductions (2 minutes)**

Action  
Pages 3 - 5

**5. Board Meeting Minutes of March 28, 2016 (1 minute)**

(The Board will consider approving the minutes from the March 28, 2016 Board meeting.)

Information  
Pages 6 - 12

**6. Report from the Program Manager (2 minutes)**

**6.a Consultant Progress Reports**

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

Information  
Pages 13 - 24

**7. Financial Report for the Period Ending March 31, 2016 (5 minutes)**

(The Board will review the financial report for the period ending March 31, 2016.)

Action

**8. Budgets, Member Agency Cost Allocations, and Scopes and Costs for FY2014/15, FY2015/16, and FY2016/17 (10 minutes)**

(The Board will consider approving the budget and cost allocations for FY2016/17.)

Pages 25 - 29

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- Information**      **9.      Program Development, Federal, and State Advocacy Status Reports (10 minutes)**  
**Pages 30 - 40**      (The Board will be updated on the status of Program Development, Federal Advocacy, and State Advocacy.)
- Information**      **10.      Outreach Program Update (5 minutes)**  
      (The Board will be updated on the Outreach Program.)
- Information**      **11.      Engineering, Environmental, and Public Involvement Services Report (10 minutes)**  
**Pages 41 -42**      (The Board will be updated on the Engineering, Environmental, and Public Involvement Services Report.)
- Information**      **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.)
- 13.      Adjournment (1 minute)**

<p style="text-align: center;"><b>Next Board Meeting</b> <b>Monday, July 25, 2016, 9:30 A. M. Novato City Hall Council Chambers</b></p>
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(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](mailto:chuckweir@sbcglobal.net). The agenda for each meeting is also available on-line at [www.nbwra.org](http://www.nbwra.org) and will be available at the meeting.)

**North Bay Water Reuse Authority  
Board of Directors Meeting  
Minutes  
March 28, 2016**

**1. Call to Order**

Chair Rabbitt called the meeting to order at 9:44 a.m. on Monday, March 28, 2016 at the Novato City Hall Council Chambers, 901 Sherman Avenue, Novato, CA 94945. Consultants and others who were unable to attend participated via telephone, 1 (602) 567-4030, passcode 1980; <https://conferencing.brwncaled.com/conference/1980>.

**2. Roll Call**

<b>PRESENT:</b>	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
	David Glass	City of Petaluma
	Susan Gorin	Sonoma Valley County Sanitation District
	Liz Lewis	Marin County
	John Schoonover	North Marin Water District
	Paul Sellier	Marin Municipal Water District
	Jill Techel	Napa Sanitation District

**ABSENT:** City of American Canyon

**OTHERS**

<b>PRESENT:</b>	Chuck Weir, Program Manager	Weir Technical Services
	Jack Baker	North Marin Water District
	Kevin Booker	Sonoma County Water Agency
	Ginger Bryant	Bryant & Associates
	Jennifer Burke	City of Santa Rosa
	Jill Chamberlain	Brown and Caldwell
	Robin Gordon	Data Instincts
	David Graves	Napa Sanitation District
	Tim Healy	Napa Sanitation District
	Pam Jeane	Sonoma Valley County Sanitation District
	Sandeep Karkal	Novato Sanitary District
	Susan McGuire	Las Gallinas Valley Sanitary District
	Drew McIntyre	North Marin Water District
	Phillip Miller	Napa County
	Pilar Oñate-Quintana	The Oñate Group (by telephone)
	Larry Russell	Marin Municipal Water District
	Mike Savage	Brown and Caldwell
	Dan St. John	City of Petaluma
	Dawn Taffler	Kennedy Jenks Consultants (by telephone)
	Melanie Tan	Kennedy Jenks Consultants (by telephone)

Jeff Tucker  
Leah Walker

Napa Sanitation District  
City of Petaluma

### **3. Public Comments**

There were no comments from the public

### **4. Introductions**

Introductions were made for the benefit of new participants.

### **5. Board Meeting Minutes of January 25, 2016.**

A motion by Director Schoonover, seconded by Director Gorin to approve the January 25, 2016 minutes was unanimously approved.

### **6. Report from the Program Manager**

The Board reviewed the consultant progress reports for January and February 2016. The Program Manager highlighted the remaining agenda items.

#### **a. Consultant Progress Reports**

The Board reviewed the consultant progress reports for January and February 2016.

### **7. Financial Report for the Period Ending February 29, 2016**

The Board reviewed the Financial Report and noted expenses for Fiscal Year 2015/16 are tracking within budget.

### **8. Program Development, Federal, and State Advocacy Update**

The following items were discussed: State Advocacy, Program Development and Federal Advocacy, and the White House Water Summit.

Pilar Oñate-Quintana discussed State Advocacy and covered the following topics: leadership changes in the Assembly, an estimated \$3.6 billion State budget surplus, summary of the March 9, 2016 NBWRA Day in Sacramento, possible constitutional amendment (ACA 8) to assist local water and wastewater agencies, SB 163 (Hertzberg) banning ocean discharges, and AB 2022 (Gordon) allowing agencies to bottle and distribute advanced purified recycled water for educational purposes.

Ginger Bryant provided an update on federal and state advocacy including: Phase 2 Construction Authorization, S.2533 and other Legislation, Western Water Priorities outreach and the White House Water Summit. The language issue for Phase 2 construction authorization had been resolved to NBWRA's satisfaction. S.2533 includes all key provisions of RE-Act that NBWRA has advocated. Efforts continue with Western Waters Priorities and other states and organizations in the support of other legislation. A possible late spring trip to Washington D.C. is in the planning stages. The White House Water Summit's goals and commitments were also discussed. A total \$250 million has been identified for the North Bay Water Reuse Program. Bryant thanked Chair Rabbitt for his efforts at the Water Summit. Lastly Chair Rabbitt discussed the White House Water Summit that he attended.

### **9. Outreach Program Update.**

Robin Gordon provided an update for the Board. She discussed their efforts to update materials and present the Program at an Exhibitor Booth at the California WaterReuse Conference, updated materials for Salt Marsh Tour, Western Water Priorities social media updates in support of S.2533, White House Water Summit press release and distribution, and updated packet materials for the USBR Tour on March 30, 2016.

### **10. Engineering, Environmental, and Public Involvement Services Report**

Mike Savage and Lisa Chamberlain discussed the Feasibility Report status and the report schedule challenges. There are ten chapters to the report in various stages of completion. The schedule anticipates completion of the report by early July 2016. Up to three sections will be distributed to the member agencies for review in staggered 3-4 week periods to allow adequate time for member agency review. They asked that each agency submit one set of combined comments.

### **11. Joint Board and TAC Work Session: NBWRA Beyond Phase 2**

Chair Rabbitt gave a presentation on Beyond Phase 2 Summary and Moving Forward. He provided a summary of NBWRA accomplishments to date. Since its inception NBWRA has received \$34.75 Million in state and federal funding and the agencies have invested \$9.85 Million in supporting the program and studies. NBWRA has had numerous positive impacts on federal and state policy and funding. The program is viewed as a model by federal and state agencies.

Chair Rabbitt provided a brief summary of the past work sessions including the Program's purpose and objectives and alternatives for engagement and participation. He discussed the value that the Program has added to the region including a regional identity, providing a forum for collaboration, and economies of scale for participation.

He then noted limitations with the current governance structure and cited examples. A different structure is likely needed to better obtain funding outside of Title XVI. He discussed two concurrent tasks. The first is to continue the ongoing Title XVI program and the second is a Restructuring Governance Task Force. The Task Force would include NBWRA Board members who would investigate options and provide guidance on restructuring NBWRA.

Board members thanked Chair Rabbit for the presentation and asked if the program would continue to focus on the North Bay. Chair Rabbitt indicated that was likely the case.

### **12. Adjournment**

Chair Rabbitt adjourned the meeting at 10:54 a.m. The next meeting will be Monday, April 25, 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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Agenda Explanation  
North Bay Water Reuse Authority  
Board of Directors  
April 25, 2016

## **ITEM NO. 6 REPORT FROM THE PROGRAM MANAGER**

The March 2016 Report from the Program Manager includes the following item:

### **Item No. 6.a. Consultant Progress Reports**

Attached are the consultant progress reports for March 2016. The consultants will be available to respond to any questions from the Board.

Following is a brief description of other Agenda items:

### **Item No. 7. Financial Report for the Period Ending March 31, 2016**

This item includes the regular consultant cost tracking as well as spreadsheets maintained by Sonoma County Water Agency. Please refer to the separate report for this item.

### **Item No. 9. Program Development, Federal, and State Advocacy Status Reports**

Ginger Bryant and Pilar Oñate-Quintana will provide a presentation on these topics.

### **Item No. 10. Outreach Program Update**

Mark Millan will provide an update for the Board.

### **Item No. 11. Engineering, Environmental, and Public Involvement Services Report**

Mike Savage will discuss the Feasibility Report Status Report and Schedule for review.

### **Item No. 12. Comments from Chair and Board Members**

This is a newly added item to the agenda and is often included in public agency agendas. 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.

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

**Bryant & Associates ~ Program Development**

- Participated in preparation for and attended NBWRA Capitol Day
- Participated in Program Management, Federal and State Advocacy Management Call
- Research information and participated in USBR Ag Efficiency Grant call with Petaluma
- Prepared for and participated in two TAC budget discussion calls
- Drafted work session presentation at direction of Chair Rabbit
- Prepared for and attended March Board and TAC meetings
- With Data Instincts and SCWA worked on press releases regarding White House Water Summit
- Activities in coordination with The Ferguson Group:
  - Phase 2 Authorization
  - White House Water Summit
  - Western Water Legislation and Outreach

**The Ferguson Group ~ Federal Advocacy**

- **Phase 2 Authorization.**—Work continued on options to address the Phase 2 authorization ambiguities. TFG continued work with Reps. Thompson and Huffman on the draft opinion from the American Law Division of the Congressional Research Service. The final version of the opinion was received from Rep. Huffman's office on March 14<sup>th</sup>. It states, in part, "This legislative history lends some support to the position that the North Bay Water Reuse Program should be eligible to receive funding for construction activities in its second phase, as the program as a whole is a 'specifically authorized project' under Title XVI." The memo goes on to list other Title XVI projects that have received funding in the past from Reclamation but have lacked a specific authorization of appropriations in the same manner as Phase 2.
- **White House Water Summit.**—North Bay Water Reuse Authority Chair, David Rabbitt, participated in the first national water summit in history on Tuesday, March 22<sup>nd</sup>. Rabbitt was one of only about 150 policymakers, businesspeople and scientists from across the nation invited to the White House event to encourage more investments in water infrastructure, improving water data and boosting technologies that can help shrink the country's water footprint.
- **Drought Bill/RIFIA Proposal.**—TFG continued to work with House and Senate drought bill negotiators to build support for the Feinstein drought relief legislation, particularly focused on House-Senate drought bill negotiators and outreach to other House Republican offices. Work continues on the development of case studies that can be used to help build support for RIFIA, expanded WaterSMART grants and Title XVI reform.
- **Western Water Priorities.**—TFG continued to work with Ginger Bryant and the Western Water Priorities social media effort to provide content in support of federally backed financing and expanded grant assistance through the WaterSMART program.

- ***Fiscal Year 2017 Budget Request and FY 2016 Work Plan.***—TFG worked to support extra funds in the Fiscal Year 2017 appropriations process to support Title XVI water reuse projects and similar authorities.

**The Onate Group ~ State Advocacy**

- Coordinated most aspects of March 9 NBWRA day (follow up notes to board/tac, sending mtgs reminders to meeting targets, room coordination, confirming restaurant, etc).
- Coordinated pre NBWRA day briefing call with Chair Rabbitt. Provided suggested taking points, etc.
- Participated in/guided NBWRA board and staff attendees re: NBWRA day.
- Met with Senator Hertzberg office re: SB 163 and NBWRA concerns with bill.
- Worked with Watereuse on legislative appropriation of remaining recycled water monies. Wrote NBWRA letter on topic. Followed up with Senator Wolk staff on issue and alerted Republican subcommittee staff to issue, etc.
- Provided a legislative update to the NBWRA board via phone.





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

### ACTIVITIES: FEBRUARY 26, 2016 THROUGH MARCH 31, 2016

#### 1.1 Workshops

- Preparation for and attendance at TAC Webmeetings on March 10, 2016 and March 21, 2018
- Development of presentation for March 28, 2016 Board and TAC meetings

#### 1.3 Public Involvement

- Phone calls with project team members for collaboration on preparation of upcoming TAC & Board Workshop and Meetings.
- Attend TAC & Board meetings.
- Updating and maintaining relevant program content and news articles on project web site.
- Provide project information to Board & TAC members as requested.
- Coordinate of RE-Act repositioning activities. Prepare and coordinate uploading of timely content to WWP website, Twitter and Facebook related pages to support Western Water Priorities efforts. Made adjustments in March and reprinted collateral materials.
- Coordinate involvement in CA WaterReuse conference to take place in Santa Rosa March 13-15, 2016. Assist with sponsorship, conference booth and tour to Salt Marsh and promotional materials needed.
- Prepare project materials and attend March 9th Sacramento outreach efforts and for the March CA WaterReuse conference..

#### 1.4 Administration

- Performed project invoicing and developed activities report

### TASK 2 TITLE XVI FEASIBILITY STUDY/REPORT

- Internal technical review of drafts for Sections 3 and 4 of the report
- Initial draft of Section 5 of the report
- Review of Phase 2 operations for selected projects
- Continue work on operations and maintenance costs
- Update materials on SharePoint for information sharing with environmental team
- Continue work on climate change section, maps and matrices
- Development of Geology and Soils Appendix

Activities cover the following subtasks:

- Task 2.4 Analysis of Alternatives

### TASK 3 ENVIRONMENTAL EVALUATION

#### 3.1 Environmental Constraints Analysis

Activity Report 19 March 2016

- 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**

- No Activity

## **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

- Preparations for Reclamation inspection tour
- Attendance at Reclamation inspection tour of the Phase 1 Program

### 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

### **March 2016 Progress Report**

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

- Drafted topics for consultant conference call and participated in call to discuss TAC web conference and two-year budget.
- Monitored responses to Form 700 submittal process.
- Assisted in development of PowerPoint presentation for TAC web conference meetings.
- Distributed and monitored Doodle poll results for TAC web conference meetings.
- Prepared and distributed TAC agenda packets for web conference meetings on March 10 and March 21, 2016. Participated in both meetings. Drafted minutes for both meetings and distributed for review. Made changes based on comments received.
- Drafted Board agenda and sent to Chair and consultant team for review. Made changes based on responses received.
- Prepared and distributed Board and TAC agenda packets for March 28, 2016 meetings. Prepped for and traveled from office to Novato to attend both meetings.
- Drafted Board and TAC meeting minutes from March 28, 2016 meetings. Modified same based on comments received.
- Made pdf versions of PowerPoint presentations from Board meeting and distributed with request not to distribute.
- Made ADA compliant documents for website, including three TAC meeting agenda packets, four TAC minutes, one Board meeting and one Board minutes. Began plans to add ADA compliant documents for all items dating back to January 2015 for website.
- Forwarded information from state lobbyist and program development consultant as requested.
- Reviewed news articles distributed by outreach consultant.
- Updated distribution lists and sent to consultant.

#### **2.2 Task 2: Financial Management**

- Updated consultant cost tracking spreadsheet and reconciled with Agency's trust spreadsheets.
- Updated two-year budget based on revised costs and again using three scenarios. Updated cost sharing for all three scenarios using various cost sharing options based on TAC meeting discussions. Did same after each TAC meeting. Included same in TAC agenda packets or distributed after meetings.
- Set up FY2016/17 Budget for review by TAC at March 28, 2016 meeting in anticipation of presentation to board for Approval on April 25, 2016.

**2.3 Task 3: Project Support and Review**

- Reviewed and responded to emails regarding grant application.

**2.4 Task 4: Program Planning**

- Prepared and submitted February 2016 invoice and progress report. Updated expenses and cost tracking files.

**2.5 Task 5: Governance Issues**

- There was no activity on this task during the reporting period.

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Agenda Explanation  
North Bay Water Reuse Authority  
Board of Directors  
April 25, 2016

**ITEM NO. 7 FINANCIAL REPORT FOR THE PERIOD ENDING DECEMBER 31, 2015**

**Action Requested:** None at this time.

The following items are attached for the Board's information:

- a. Consultant Cost Tracking for FY2015/16 through March 31, 2016
- b. FY2015/16 Monthly Project Cost Summary as of April 20, 2016
- c. FY2015/16 Budget Allocations as of April 20, 2016
- d. FY2015/16 Transaction Summary as of April 20, 2016
- e. FY2015/16 Interest Earned as of April 20, 2016

**Items a.-e.** are summaries for FY2015/16. In the Consultant Cost Tracking spreadsheet costs by month are shown by column across the top. Only the most current three months of the fiscal year are shown, but data from July 2014 through June 2016 are included in the totals. Total costs for the two fiscal years are included. Percent remaining is based on the total budget for the two fiscal years. The rest of the SCWA items are as described above, except the data are for FY2015/16. Through March 31, 2016 all items are tracking normally.

**Recommendation**

None at this time.

## North Bay Water Reuse Authority

April 21, 2016

## Consultant Cost Tracking

Fiscal Year 2014/15 through Fiscal Year 2016/17

Only FY2014/15 and FY2015/16 have been approved	Jan-16	Feb-16	Mar-16	FY14/15 Final	FY15/16 YTD	2 FY Total	Amount Remaining	Percent Remaining	Approved 5/19/14	Approved 4/27/15	Proposed	Proposed
<b>Phase 1 Support</b>									<b>FY2014/15</b>	<b>FY2015/16</b>	<b>FY2016/17</b>	<b>3-Year Total</b>
Grant Applications and Management - CDM Smith	-	-	-	20,122	-	20,122	29,560	23.65%	125,000	-	-	-
Grant Applications and Management - B&C	2,085	1,824	12,008	36,495	60,996	97,491	53,135	35.28%	72,628	77,998	46,993	197,619
Program Development (40% of \$190,200 total) - Bryant	7,003	6,007	6,083	81,743	57,173	138,916	13,244	8.70%	76,080	76,080	76,080	228,240
Federal Advocacy (30% of \$88,000 total) - TFG sub to Bryant	2,649	2,623	2,597	27,979	23,868	51,847	953	1.81%	26,400	26,400	26,400	79,200
<b>Total Costs for Phase 1 Support</b>	<b>11,737</b>	<b>10,453</b>	<b>20,688</b>	<b>166,340</b>	<b>142,036</b>	<b>308,376</b>	<b>67,333</b>	<b>18.94%</b>	<b>175,108</b>	<b>180,478</b>	<b>149,473</b>	<b>505,059</b>

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 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.

<b>Phase 2 Support</b>									<b>FY2014/15</b>	<b>FY2015/16</b>	<b>FY2016/17</b>	<b>3-Year Total</b>
Program Development (60% of \$190,200 total) - Bryant	10,505	9,010	9,124	112,885	85,759	198,643	29,597	12.97%	114,120	114,120	114,120	342,360
Federal Advocacy (70% of \$88,000 total) - TFG sub to Bryant	6,180	6,119	6,060	59,228	55,691	114,918	32,282	21.93%	61,600	85,600	61,600	208,800
<b>Total Costs for Phase 2 Support</b>	<b>16,685</b>	<b>15,129</b>	<b>15,184</b>	<b>172,112</b>	<b>141,450</b>	<b>313,562</b>	<b>61,878</b>	<b>16.48%</b>	<b>175,720</b>	<b>199,720</b>	<b>175,720</b>	<b>551,160</b>

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

<b>Phase 2 Feasibility Study - Three Years</b>									<b>FY2014/15</b>	<b>FY2015/16</b>	<b>FY2016/17</b>	<b>3-Year Total</b>
Engineering, Environmental, and Outreach Services - B&C	49,791	62,250	79,041	460,660	640,067	1,100,727	630,244	36.41%	823,335	907,636	1,063,789	2,794,760
SCWA Administration, Grants, and EIR/EIS	683	10,352	3,595	32,013	25,666	57,679	191,362	76.84%	116,836	132,205	150,958	400,000
<b>Total Costs for Study</b>	<b>50,474</b>	<b>72,601</b>	<b>82,636</b>	<b>492,673</b>	<b>665,733</b>	<b>1,158,406</b>	<b>821,606</b>	<b>41.50%</b>	<b>940,171</b>	<b>1,039,841</b>	<b>1,214,747</b>	<b>3,194,760</b>
<b>Total Costs for Phase 2</b>	<b>67,159</b>	<b>87,731</b>	<b>97,820</b>	<b>664,786</b>	<b>807,183</b>	<b>1,471,968</b>	<b>883,485</b>	<b>37.51%</b>	<b>1,115,891</b>	<b>1,239,561</b>	<b>1,390,467</b>	<b>3,745,920</b>

<b>Joint Use</b>									<b>FY2014/15</b>	<b>FY2015/16</b>	<b>FY2016/17</b>	<b>3-Year Total</b>
Program Management - Weir	5,414	4,167	7,735	46,917	43,359	90,276	55,724	38.17%	70,500	75,500	75,500	221,500
State Advocacy - The Onate Group (Sub to Bryant)	3,000	3,000	3,000	36,000	27,000	63,000	9,000	12.50%	36,000	36,000	36,000	108,000
SCWA Administration	1,204	45	15,360	73,702	108,741	182,442	87,558	32.43%	135,000	135,000	135,000	405,000
<b>Total Costs for Joint Use</b>	<b>9,618</b>	<b>7,211</b>	<b>26,096</b>	<b>156,619</b>	<b>179,099</b>	<b>335,718</b>	<b>152,282</b>	<b>31.21%</b>	<b>241,500</b>	<b>246,500</b>	<b>246,500</b>	<b>734,500</b>

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

<b>Total Costs</b>									<b>FY2014/15</b>	<b>FY2015/16</b>	<b>FY2016/17</b>	<b>3-Year Total</b>
Weir	5,414	4,167	7,735	46,917	43,359	90,276	55,724	38.17%	70,500	75,500	75,500	221,500
Bryant & Associates	29,337	26,758	26,864	308,725	249,490	558,215	94,185	14.44%	314,200	338,200	314,200	966,600
Brown & Caldwell	51,876	64,074	91,048	494,736	701,062	1,195,798	685,799	36.45%	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	1,887	10,396	18,956	105,715	134,407	240,121	278,920	53.74%	251,836	267,205	285,958	805,000
<b>Total Costs for NBWRA</b>	<b>88,514</b>	<b>105,395</b>	<b>144,604</b>	<b>956,093</b>	<b>1,128,318</b>	<b>2,084,410</b>	<b>1,114,628</b>	<b>34.84%</b>	<b>1,532,499</b>	<b>1,666,539</b>	<b>1,786,440</b>	<b>4,985,479</b>

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 April 20, 2016**

**TOTAL FY 15/16 PROJECT COSTS**

Project	Consultant	Original Budget	Amend	Revised Budget	Original Contract	Amend	Total Contract	Uncommitted	Total Expenses	Remaining	% Avail.
Program Management	Weir Technical Services	109,733	-	109,733	109,733	-	109,733	-	43,359	66,374	60.5%
Planning, Engineering and Funding Management	B&C	1,412,861	(24,000)	1,388,861	1,412,861	(24,000)	1,388,861	-	582,835	806,026	58.0%
Program Development and Federal Funding	Bryant & Associates	319,648	24,000	343,648	319,648	24,000	343,648	-	228,441	115,208	33.5%
SCWA Administration	SCWA	425,231	-	425,231	425,231	-	425,231	-	140,936	284,295	66.9%
<b>TOTAL BUDGET</b>		<b>\$ 2,267,473</b>	<b>\$ -</b>	<b>\$ 2,267,473</b>	<b>\$ 2,267,473</b>	<b>\$ -</b>	<b>\$ 2,267,473</b>	<b>\$ -</b>	<b>\$ 995,570</b>	<b>\$ 1,271,903</b>	<b>56.1%</b>

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 FY14/15 included

**FY14/15 Agreement Rollovers**

Project	Consultant	Original Budget	Amend	Carryover	Original Contract (remaining)	Amend	Total Contract	Uncommitted	Total Expenses	Remaining	% Avail.
Program Management (Joint Use)	Weir	34,233	-	34,233	34,233	-	34,233	-	34,233	-	0.0%
Planning, Engineering and Funding Management PHASE 1	B&C	38,552	-	38,552	38,552	-	38,552	-	38,552	-	0.0%
Planning, Engineering and Funding Management PHASE 2	B&C	364,675	-	364,675	364,675	-	364,675	-	364,675	-	0.0%
Program Development and Federal Funding PHASE 1	Bryant & Associates	1,840	-	1,840	1,840	-	1,840	-	1,840	(0)	0.0%
Program Development and Federal Funding PHASE 2	Bryant & Associates	3,608	-	3,608	3,608	-	3,608	-	3,608	0	0.0%
SCWA Administration PHASE 2	SCWA	95,725	-	95,725	95,725	-	95,725	-	27,130	68,595	71.7%
SCWA Administration Joint Use	SCWA	62,301	-	62,301	62,301	-	62,301	-	62,367	(66)	-0.1%
<b>TOTAL BUDGET</b>		<b>\$ 600,934</b>	<b>\$ -</b>	<b>\$ 600,934</b>	<b>\$ 600,934</b>	<b>\$ -</b>	<b>\$ 600,934</b>	<b>\$ -</b>	<b>\$ 532,405</b>	<b>\$ 68,529</b>	<b>11.40%</b>

1. GBA carryover is for expenses

\$ 600,934

**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	77,998	-	77,998	77,998	-	77,998	-	34,436	43,562	55.9%
Program Development & Federal Advocacy	Bryant & Associates	102,480	-	102,480	102,480	-	102,480	-	71,135	31,345	30.6%
<b>TOTAL BUDGET</b>		<b>\$ 180,478</b>	<b>\$ -</b>	<b>\$ 180,478</b>	<b>\$ 180,478</b>	<b>\$ -</b>	<b>\$ 180,478</b>	<b>\$ -</b>	<b>\$ 105,571</b>	<b>\$ 74,907</b>	<b>41.50%</b>

**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	931,636	(24,000)	907,636	931,636	(24,000)	907,636	-	145,172	762,464	84.0%
Program Development & Federal Advocacy	Bryant & Associates	175,720	24,000	199,720	175,720	24,000	199,720	-	127,857	71,863	36.0%
Administration - Grants and EIR/EIS	SCWA	132,205	-	132,205	132,205	-	132,205	-	-	132,205	100.0%
<b>TOTAL BUDGET</b>		<b>\$ 1,239,561</b>	<b>\$ -</b>	<b>\$ 1,239,561</b>	<b>\$ 1,239,561</b>	<b>\$ -</b>	<b>\$ 1,239,561</b>	<b>\$ -</b>	<b>\$ 273,029</b>	<b>\$ 966,532</b>	<b>77.97%</b>

1. Amendment in process. (remove TBL, move \$24k to GBA, shift funds amongst tasks)

2. \$24,000 amendment to TFG Legislative work (funded by transfer from pending B&C agreement modification)

**Joint Use**

Project	Consultant	Original Budget	Amend	Revised Budget	Original Contract	Amend	Total Contract	Uncommitted	Total Expenses	Remaining	% Avail.
Program Management	Weir	75,500	-	75,500	75,500	-	75,500	-	9,126	66,374	87.9%
State Funding / State Outreach	Bryant & Associates	36,000	-	36,000	36,000	-	36,000	-	24,000	12,000	33.3%
Admin Agency Services	SCWA	135,000	-	135,000	135,000	-	135,000	-	51,439	83,561	61.9%
<b>TOTAL BUDGET</b>		<b>\$ 246,500</b>	<b>\$ -</b>	<b>\$ 246,500</b>	<b>\$ 246,500</b>	<b>\$ -</b>	<b>\$ 246,500</b>	<b>\$ -</b>	<b>\$ 84,565</b>	<b>\$ 161,935</b>	<b>65.69%</b>

Total FY14/15 Budget for all Phases	\$1,666,539
Total including rollovers from FY14/15 & amendments	\$2,267,473

## 2015/16 Budget Allocations

PHASE 1										
Approved by Board May 19, 2014 Reapproved FY 15/16 on April 27, 2015										
	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	\$ 77,998	\$ 5,646	\$ 24,877	\$ 6,716	\$ 21,428	\$ 2,786	\$ 2,786	\$ 13,759		
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	\$ 180,478	\$ 13,065.00	\$ 57,562.00	\$ 15,541.00	\$ 49,582.00	\$ 6,446.00	\$ 6,446.00	\$ 31,836.00		

PHASE 2										
<i>Approved by Board May 19, 2014</i> <i>Reapproved FY 15/16 on April 27, 2015</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%	
<b>BUDGETED EXPENSE ITEM</b>										
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	\$ 61,600	\$ -	\$ 21,676	\$ 16,436	\$ 2,409	\$ 6,706	\$ -	\$ 14,373	\$ -	
Engineering, Environmental, and Outreach Services - B&C	\$ 931,636	\$ -	\$ 327,821	\$ 248,576	\$ 36,440	\$ 101,417	\$ -	\$ 217,382	\$ -	
SCWA Administration - Grants and EIR/EIS	\$ 132,205	\$ -	\$ 46,520	\$ 35,275	\$ 5,171	\$ 14,392	\$ -	\$ 30,848	\$ -	
Contingency	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>TOTAL CONSULTANT BUDGET</b>	<b>\$ 1,239,561</b>	<b>\$ -</b>	<b>\$ 436,173</b>	<b>\$ 330,736</b>	<b>\$ 48,484</b>	<b>\$ 134,937</b>	<b>\$ -</b>	<b>\$ 289,231</b>	<b>\$ -</b>	

Joint Use										
<i>Approved by Board May 19, 2014</i> <i>Reapproved FY 15/16 on April 27, 2015</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%	
<b>BUDGETED EXPENSE ITEM</b>										
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)	\$ 36,000	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ -	
SCWA Administration	\$ 135,000	\$ 16,875	\$ 16,875	\$ 16,875	\$ 16,875	\$ 16,875	\$ 16,875	\$ 16,875	\$ -	
Contingency - included in consultant costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>TOTAL CONSULTANT BUDGET</b>	<b>\$ 246,500</b>	<b>\$ 30,812</b>	<b>\$ 30,812</b>	<b>\$ 30,813</b>	<b>\$ 30,813</b>	<b>\$ 30,812</b>	<b>\$ 30,812</b>	<b>\$ 30,813</b>	<b>\$ 30,813</b>	<b>\$ -</b>

Totals - As Budgeted										
<i>Approved by Board May 19, 2014</i> <i>Reapproved FY 15/16 on April 27, 2015</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 FY13/14	\$ 180,478	\$ 13,065	\$ 57,562	\$ 15,541	\$ 49,582	\$ 6,446	\$ 6,446	\$ 31,836	\$ -	\$ -
Total Phase 2 FY13/14	\$ 1,239,561	\$ -	\$ 436,173	\$ 330,736	\$ 48,484	\$ 134,937	\$ -	\$ 289,231	\$ -	\$ -
Total Joint Phase FY13/14	\$ 246,500	\$ 30,812	\$ 30,812	\$ 30,813	\$ 30,813	\$ 30,812	\$ 30,812	\$ 30,813	\$ 30,813	\$ -
Total Phase 1, 2 and Joint FY13/14	\$ 1,666,539	\$ 43,877	\$ 524,547	\$ 377,090	\$ 128,879	\$ 172,195	\$ 37,258	\$ 62,649	\$ 320,044	\$ -

Notes:

\$1 subtracted to correct rounding issues



**North Bay Water Reuse Authority**  
**July 1, 2015 to Date Transaction Summary**  
**as of April 20, 2016**  
**PHASE 1**

Item No. 7.d

Date	Description	Amount	
	Beginning Balance	137,183.22	b
9/9/2015	Bryant & Associates July 2015 (Split 9109.87)	(1,840.39)	p ba1
9/9/2015	Bryant & Associates July 2015 (Split 9109.87)	(7,269.48)	p ba2
9/10/2015	Brown & Caldwell Invoice 11249160	(2,419.15)	p bc1
9/16/2015	LGVSD - Phase I Fee (WTRN-11)	13,065.00	d
9/16/2015	County of Napa - Phase I Fee (WTRN-9)	6,446.00	d
9/16/2015	Napa San - Phase I Fee (WTRN-8)	57,562.00	d
9/16/2015	Bryant & Associates August 2015	(9,425.28)	p
9/23/2015	SCWA SC002 51917 (Labor Correction)	-	p a1
9/28/2015	NMWD - Phase I Fee (WTRN-10)	31,836.00	d
10/1/2015	Brown & Caldwell Invoice 11250860	(11,077.99)	p bc1
10/1/2015	SCWA - Phase I Fee (WTRN-1)	6,446.00	d
10/2/2015	Novato San - Phase I Fee (WTRN-7)	15,541.00	d
10/28/2015	Bryant & Associates September 2015	(9,614.60)	p ba2
11/6/2015	Brown & Caldwell Invoice 11252901	(2,880.00)	p bc1
12/1/2015	SVCSD - Phase I Fee (WTRN-2)	49,582.00	d
12/3/2015	Bryant & Associates October 2015	(8,995.00)	p ba2
12/15/2015	Brown & Caldwell Invoice 11255432	(3,844.50)	p bc1
12/15/2015	Bryant & Associates November 2015	(8,619.49)	p ba2
1/11/2016	Brown & Caldwell Invoice 11256602 (Split)	(18,330.63)	p bc1
1/11/2016	Brown & Caldwell Invoice 11256602 (Split)	(6,048.87)	p bc2
1/19/2016	Bryant & Associates December 2015	(8,930.12)	p ba2
2/2/2016	Brown & Caldwell Invoice 11259401	(24,478.31)	p bc2
2/22/2016	Bryant & Associates Januraru 2016	(9,651.94)	p ba2
3/8/2016	Bryant & Associates Februray 2016	(8,629.19)	p ba2
3/8/2016	Brown & Caldwell Invoice 11261358	(2,085.00)	p bc2
4/13/2016	Brown & Caldwell Invoice 11263572	(1,823.78)	p bc2
<b>Current NBWRA Balance</b>		<b>171,697.50</b>	
<b>PENDING</b>			
	Bryant & Associates March 2016	(8,679.99)	
<b>Projected Balance</b>		<b>171,697.50</b>	

NBWRA Reconciliation		
Beginning Balance	137,183.22	b
Deposits	180,478.00	d
Interest Earnings	-	i
Payments	(145,963.72)	p
	171,697.50	

Las Galinas	Napa	Novato	SVCSD	SCWA	Napa County	North Marin Water Dist.
6,354.95	45,238.53	8,526.91	38,256.59	5,633.90	5,487.92	27,684.99
(133.22)	(586.98)	(158.48)	(505.61)	(65.73)	(65.73)	(324.64)
(526.23)	(2,318.56)	(625.98)	(1,997.13)	(259.62)	(259.62)	(1,282.33)
(175.12)	(771.57)	(208.32)	(664.61)	(86.40)	(86.40)	(426.74)
13,065.00					6,446.00	
	57,562.00					
(682.28)	(3,006.14)	(811.62)	(2,589.39)	(336.62)	(336.62)	(1,662.61)
-	-	-	-	-	-	-
(801.92)	(3,533.26)	(953.94)	(3,043.44)	(395.64)	(395.64)	(1,954.15)
				6,446.00		
(695.99)	(3,066.52)	(827.92)	(2,641.40)	(343.38)	(343.38)	(1,696.01)
(208.48)	(918.56)	(248.00)	(791.22)	(102.86)	(102.86)	(508.03)
(651.13)	(2,868.90)	(774.57)	(2,471.18)	(321.25)	(321.25)	(1,586.71)
(278.30)	(1,226.18)	(331.05)	(1,056.19)	(137.30)	(137.30)	(678.17)
(623.95)	(2,749.14)	(742.23)	(2,368.02)	(307.84)	(307.84)	(1,520.47)
(1,326.93)	(5,846.45)	(1,578.47)	(5,035.94)	(654.67)	(654.67)	(3,233.51)
(437.87)	(1,929.25)	(520.87)	(1,661.80)	(216.03)	(216.03)	(1,067.02)
(646.44)	(2,848.21)	(768.98)	(2,453.36)	(318.93)	(318.93)	(1,575.27)
(1,771.95)	(7,807.21)	(2,107.85)	(6,724.88)	(874.23)	(874.23)	(4,317.96)
(698.69)	(3,078.43)	(831.14)	(2,651.66)	(344.71)	(344.71)	(1,702.60)
(624.65)	(2,752.23)	(743.07)	(2,370.68)	(308.19)	(308.19)	(1,522.18)
(150.93)	(665.00)	(179.54)	(572.81)	(74.46)	(74.46)	(367.79)
(132.02)	(581.68)	(157.05)	(501.04)	(65.14)	(65.14)	(321.71)
<b>8,853.86</b>	<b>56,246.25</b>	<b>11,498.82</b>	<b>47,738.22</b>	<b>6,866.91</b>	<b>6,720.93</b>	<b>33,773.07</b>
(628.33)	(2,768.43)	(747.44)	(2,384.64)	(310.00)	(310.00)	(1,531.15)
<b>8,853.86</b>	<b>56,246.25</b>	<b>11,498.82</b>	<b>47,738.22</b>	<b>6,866.91</b>	<b>6,720.93</b>	<b>33,773.07</b>

LG	Napa	Nov	SV	SCWA	Napa County	North Marin
5.16%	32.76%	6.70%	27.80%	4.00%	3.91%	19.67%
6,354.95	45,238.53	8,526.91	38,256.59	5,633.90	5,487.92	27,684.99
13,065.00	57,562.00	15,541.00	49,582.00	6,446.00	6,446.00	31,836.00
-	-	-	-	-	-	-
(10,566.09)	(46,554.28)	(12,569.09)	(40,100.37)	(5,212.99)	(5,212.99)	(25,747.91)
8,853.86	56,246.25	11,498.82	47,738.22	6,866.91	6,720.93	33,773.07

NBWRA Obligations						
Vendor	Encumbrances		Paid to date	Adjustments	Balance	% Spent
B&C FY14/15	38,552.27	bc1	38,552.27	-	-	100%
B&C FY15/16	77,998.00	bc2	34,435.96	-	43,562.04	44%
Bryant & Associates FY14/15	1,840.39	ba1	1,840.39	-	(0.00)	100%
Bryant & Associates FY15/16	102,480.00	ba2	71,135.10	-	31,344.90	69%
Total	220,870.66		145,963.72	-	74,906.94	
	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	220,870.66		145,963.72		74,906.94	66%

Carryover from LFY  
Carryover from LFY

**North Bay Water Reuse Authority**  
**July 1, 2015 to Date Transaction Summary**  
**as of April 20, 2016**  
**PHASE 2**

Item No. 7.d

Date	Description	Amount			Las Galinas	Napa	Novato	SVCSD	SCWA	City of Petaluma	Marin Muni Water Dist.
	<b>Beginning Balance</b>	<b>466,540.87</b>	<b>b</b>		<b>647.63</b>	<b>163,217.14</b>	<b>123,918.51</b>	<b>18,718.55</b>	<b>50,941.62</b>	<b>108,449.81</b>	<b>647.63</b>
8/21/2015	Salary/Assn Chgs Applied	(3,205.56)	p	a1	-	(1,127.96)	(855.30)	(125.38)	(348.95)	(747.96)	-
8/27/2015	Salary/Assn Chgs Applied	(2,766.61)	p	a1	-	(973.51)	(738.18)	(108.21)	(301.17)	(645.54)	-
9/10/2015	Bryant & Associates July 2015	(15,828.26)	p	ba2	-	(5,569.60)	(4,223.25)	(619.11)	(1,723.05)	(3,693.26)	-
9/11/2015	Brown & Caldwell Invoice 11249160	(89,521.51)	p	bc1	-	(31,500.55)	(23,885.84)	(3,501.55)	(9,745.21)	(20,888.35)	-
9/14/2015	Salary/Assn Chgs Applied	(1,563.70)	p	a1	-	(550.23)	(417.22)	(61.16)	(170.22)	(364.86)	-
9/16/2015	Napa San - Phase II Fee (WTRN-8)	436,173.00	d			436,173.00					
9/16/2015	Bryant & Associates August 2015	(16,970.10)	p	ba2	-	(5,971.39)	(4,527.91)	(663.77)	(1,847.35)	(3,959.69)	-
10/1/2015	SCWA - Phase II Fee (WTRN-1)	134,937.00	d						134,937.00		
10/1/2015	Brown & Caldwell Invoice 11250860	(77,845.17)	p	bc1	-	(27,391.92)	(20,770.40)	(3,044.84)	(8,474.14)	(18,163.87)	-
10/2/2015	Novato San - Phase II Fee (WTRN-7)	330,736.00	d				330,736.00				
10/21/2015	Salary/Assn Chgs Applied	(1,564.28)	p	a1	-	(550.43)	(417.38)	(61.19)	(170.29)	(365.00)	-
10/23/2015	Petaluma - Phase II Fee (WTRN-5)	289,231.00	d							289,231.00	
10/28/2015	Bryant & Associates September 2015	(16,677.10)	p	ba2	-	(5,868.29)	(4,449.73)	(652.31)	(1,815.45)	(3,891.32)	-
11/6/2015	Brown & Caldwell Invoice 11252901	(121,217.68)	p	bc1	-	(42,653.70)	(32,342.92)	(4,741.32)	(13,195.62)	(28,284.13)	-
11/9/2015	Salary/Assn Chgs Applied	(751.29)	p	a1	-	(264.36)	(200.46)	(29.39)	(81.78)	(175.30)	-
11/19/2015	Salary/Assn Chgs Applied	(393.24)	p	a1	-	(138.37)	(104.92)	(15.38)	(42.81)	(91.76)	-
11/23/2015	Salary/Assn Chgs Applied	(259.92)	p	a1	-	(91.46)	(69.35)	(10.17)	(28.29)	(60.65)	-
12/1/2015	SVCSD - Phase II Fee (WTRN-2)	48,484.00	d					48,484.00			
12/3/2015	Bryant & Associates October 2015	(15,909.18)	p	ba2	-	(5,598.07)	(4,244.84)	(622.27)	(1,731.86)	(3,712.14)	-
12/8/2015	Salary/Assn Chgs Applied	(246.11)	p	a1	-	(86.60)	(65.67)	(9.63)	(26.79)	(57.43)	-
12/15/2015	Brown & Caldwell Invoice 11255432	(66,665.47)	p	bc1	-	(23,458.04)	(17,787.47)	(2,607.56)	(7,257.13)	(15,555.28)	-
12/15/2015	Bryant & Associates November 2015	(15,106.59)	p	ba2	-	(5,315.66)	(4,030.69)	(590.88)	(1,644.49)	(3,524.87)	-
12/31/2015	Salary/Assn Chgs Applied	(132.26)	p	a1	-	(46.54)	(35.29)	(5.17)	(14.40)	(30.86)	-
12/31/2015	Salary/Assn Chgs Applied	(153.76)	p	a1	-	(54.10)	(41.03)	(6.01)	(16.74)	(35.88)	-
1/11/2016	Brown & Caldwell Invoice 11256602 (Split)	(9,424.88)	p	bc1	-	(3,316.40)	(2,514.72)	(368.65)	(1,025.98)	(2,199.14)	-
1/11/2016	Brown & Caldwell Invoice 11256602 (Split)	(61,881.87)	p	bc2	-	(21,774.80)	(16,511.12)	(2,420.45)	(6,736.39)	(14,439.10)	-
1/19/2016	Bryant & Associates December 2015	(15,551.51)	p	ba2	-	(5,472.22)	(4,149.40)	(608.28)	(1,692.92)	(3,628.69)	-
1/27/2016	Salary/Assn Chgs Applied	(682.69)	p	a1	-	(240.22)	(182.15)	(26.70)	(74.32)	(159.29)	-
2/1/2016	Salary/Assn Chgs Applied	(4,396.78)	p	a1	-	(1,547.13)	(1,173.13)	(171.98)	(478.63)	(1,025.92)	-
2/1/2016	Salary/Assn Chgs Applied	(132.28)	p	a1	-	(46.55)	(35.29)	(5.17)	(14.40)	(30.87)	-
2/2/2016	Brown & Caldwell Invoice 11259401	(33,498.90)	p	bc2	-	(11,787.49)	(8,938.07)	(1,310.28)	(3,646.65)	(7,816.41)	-
2/16/2016	Salary/Assn Chgs Applied	(5,690.24)	p	a1	-	(2,002.26)	(1,518.25)	(222.57)	(619.43)	(1,327.72)	-
2/16/2016	Salary/Assn Chgs Applied	(132.28)	p	a1	-	(46.55)	(35.29)	(5.17)	(14.40)	(30.87)	-
2/22/2016	Bryant & Associates Janurary 2016	(16,685.22)	p	ba2	-	(5,871.14)	(4,451.90)	(652.63)	(1,816.33)	(3,893.22)	-
3/3/2016	Salary/Assn Chgs Applied	(626.76)	p	a1	-	(220.54)	(167.23)	(24.52)	(68.23)	(146.24)	-
3/8/2016	Bryant & Associates Februray 2016	(15,129.23)	p	ba2	-	(5,323.63)	(4,036.73)	(591.77)	(1,646.95)	(3,530.15)	-
3/8/2016	Brown & Caldwell Invoice 11261358	(49,791.25)	p	bc2	-	(17,520.39)	(13,285.14)	(1,947.54)	(5,420.22)	(11,617.96)	-
3/11/2016	Salary/Assn Chgs Applied	(1,100.42)	p	a1	-	(387.21)	(293.61)	(43.04)	(119.79)	(256.76)	-
3/11/2016	Salary/Assn Chgs Applied	(171.23)	p	a1	-	(60.25)	(45.69)	(6.70)	(18.64)	(39.95)	-
3/31/2016	Salary/Assn Chgs Applied	(135.66)	p	a1	-	(47.74)	(36.20)	(5.31)	(14.77)	(31.65)	-
3/31/2016	Salary/Assn Chgs Applied	(1,561.17)	p	a1	-	(549.34)	(416.55)	(61.06)	(169.95)	(364.27)	-
4/12/2016	Salary/Assn Chgs Applied	(114.89)	p	a1	-	(40.43)	(30.65)	(4.49)	(12.51)	(26.81)	-
4/12/2016	Salary/Assn Chgs Applied	(1,348.73)	p	a1	-	(474.59)	(359.86)	(52.75)	(146.82)	(314.70)	-
4/13/2016	Brown & Caldwell Invoice 11263572	(62,249.87)	p	bc2	-	(21,904.29)	(16,609.31)	(2,434.85)	(6,776.45)	(14,524.97)	-
<b>Current NBWRA Balance</b>		<b>1,045,700.19</b>			<b>647.63</b>	<b>367,010.05</b>	<b>278,448.23</b>	<b>41,371.53</b>	<b>113,988.04</b>	<b>243,587.08</b>	<b>647.63</b>
<b>PENDING</b>											
	Bryant & Associates March 2016	(15,184.41)			-	(5,343.04)	(4,051.46)	(593.92)	(1,652.96)	(3,543.03)	-
<b>Projected Balance</b>		<b>1,030,515.78</b>			<b>647.63</b>	<b>361,667.01</b>	<b>274,396.78</b>	<b>40,777.60</b>	<b>112,335.08</b>	<b>240,044.05</b>	<b>647.63</b>
					LG	Napa	Nov	SV	SCWA	Petaluma	MMWD
					0.062%	35.097%	26.628%	3.956%	10.901%	23.294%	0.062%

North Bay Water Reuse Authority  
July 1, 2015 to Date Transaction Summary  
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**PHASE 2**

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NBWRA Reconciliation	
Beginning Balance	466,540.87 b
Deposits	1,239,561.00 d
Interest Earnings	- i
Payments	(660,401.68) p
	1,045,700.19

647.63	163,217.14	123,918.51	18,718.55	50,941.62	108,449.81	647.63
-	436,173.00	330,736.00	48,484.00	134,937.00	289,231.00	-
-	-	-	-	-	-	-
-	(232,380.08)	(176,206.27)	(25,831.03)	(71,890.57)	(154,093.73)	-
647.63	367,010.05	278,448.23	41,371.53	113,988.04	243,587.08	647.63

NBWRA Obligations								
Vendor	Encumbrances		Paid to date	Adjustments	Balance	Expires	% Spent	
B&C FY14/15	364,674.71	bc1	364,674.71	-	0.00	6/30/2017	100%	Carryover from LFY
B&C FY15/16	907,636.00	bc2	145,172.02	-	762,463.98	6/30/2017	16%	
Bryant & Associates FY14/15	3,607.88	ba1	3,607.88	-	0.00	6/30/2017	100%	Carryover from LFY
Bryant & Associates FY15/16	199,720.00	ba2	127,857.19	-	71,862.81	6/30/2017	64%	
Total	1,475,638.59		641,311.80	-	834,326.79			
	Unencumbered		Spent	Misc.	Balance		% Spent	
Admin Agency Services FY14/15	95,724.88	a1	27,129.86	-	68,595.02		28%	Carryover from LFY
Admin Agency Services FY15/16	132,205.00	a2	-	-	132,205.00		0%	
Total	227,929.88		27,129.86	-	200,800.02			
Miscellaneous Expenses		m	-					
	Scheduled costs		Expenses	Adjustments	Balance		% Spent	
Total	1,703,568.47		668,441.66	-	1,035,126.81		39%	

**North Bay Water Reuse Authority**  
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**as of April 20, 2016**  
**Joint Use**

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Date	Description	Amount			Las					North Marin		City of
					Galinas	Napa	Novato	SVCSD	SCWA	Napa County	Water Dist.	Petaluma
	<b>Beginning Balance</b>	<b>192,811.96</b>	<b>b</b>		<b>21,204.15</b>	<b>21,205.15</b>	<b>21,205.15</b>	<b>21,205.15</b>	<b>21,204.15</b>	<b>21,205.15</b>	<b>21,204.15</b>	<b>17,494.28</b>
8/10/2015	Weir Technical Services SCWA 07-15	(6,724.94)	p	w1	(840.62)	(840.62)	(840.62)	(840.62)	(840.62)	(840.62)	(840.62)	(840.62)
8/11/2015	NBWRA meeting room rental	-	p	ua	-	-	-	-	-	-	-	-
8/21/2015	Salary/Assn Chgs Applied	(8,442.20)	p	a1	(1,055.28)	(1,055.28)	(1,055.28)	(1,055.28)	(1,055.28)	(1,055.28)	(1,055.28)	(1,055.28)
8/27/2015	Salary/Assn Chgs Applied	(6,547.76)	p	a1	(818.47)	(818.47)	(818.47)	(818.47)	(818.47)	(818.47)	(818.47)	(818.47)
9/9/2015	Baja Limo - Congressional Tour	-	p	ua	-	-	-	-	-	-	-	-
9/10/2015	Bryant & Associates July 2015	(3,000.00)	p	ba2	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)
9/14/2015	Salary/Assn Chgs Applied	(9,555.69)	p	a1	(1,194.46)	(1,194.46)	(1,194.46)	(1,194.46)	(1,194.46)	(1,194.46)	(1,194.46)	(1,194.46)
9/16/2015	LGVSD - JU Fee (WTRN-11)	<b>30,812.00</b>	<b>d</b>		<b>30,812.00</b>							
9/16/2015	County of Napa - JU Fee (WTRN-9)	<b>30,812.00</b>	<b>d</b>							<b>30,812.00</b>		
9/16/2015	Napa San - JU Fee (WTRN-8)	<b>30,812.00</b>	<b>d</b>			<b>30,812.00</b>						
9/16/2015	Bryant & Associates August 2015	(3,000.00)	p	ba2	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)
9/16/2015	Weir Technical Services SCWA 08-15	(1,880.00)	p	w1	(235.00)	(235.00)	(235.00)	(235.00)	(235.00)	(235.00)	(235.00)	(235.00)
9/16/2015	Weir Technical Services SCWA 08-15 (Expenses)	(12.90)	p	w1	(1.61)	(1.61)	(1.61)	(1.61)	(1.61)	(1.61)	(1.61)	(1.61)
9/16/2015	Xtelesis Corporation	(50.90)	p	m	(6.36)	(6.36)	(6.36)	(6.36)	(6.36)	(6.36)	(6.36)	(6.36)
9/17/2015	Baja Limo - Congressional Tour (Correction)	-	p	ua	-	-	-	-	-	-	-	-
9/28/2015	NMWD - JU Fee (WTRN-10)	<b>30,813.00</b>	<b>d</b>								<b>30,813.00</b>	
10/1/2015	SCWA - JU Fee (WTRN-1)	<b>30,812.00</b>	<b>d</b>						<b>30,812.00</b>			
10/1/2015	Xtelesis Corporation	(16.40)	p	m	(2.05)	(2.05)	(2.05)	(2.05)	(2.05)	(2.05)	(2.05)	(2.05)
10/2/2015	Novato San - JU Fee (WTRN-7)	<b>30,813.00</b>	<b>d</b>				<b>30,813.00</b>					
10/5/2015	Lombardi's Catering (Fed Tour Lunch)	-	p	ua	-	-	-	-	-	-	-	-
10/5/2015	Lombardi's Catering (Fed Tour Lunch)	-	p	ua	-	-	-	-	-	-	-	-
10/21/2015	Salary/Assn Chgs Applied	(13,113.03)	p	a1	(1,639.13)	(1,639.13)	(1,639.13)	(1,639.13)	(1,639.13)	(1,639.13)	(1,639.13)	(1,639.13)
10/21/2015	Salary/Assn Chgs Applied	(3,840.77)	p	a1	(480.10)	(480.10)	(480.10)	(480.10)	(480.10)	(480.10)	(480.10)	(480.10)
10/21/2015	Equip Revenue Clearing	(120.00)	p	a1	(15.00)	(15.00)	(15.00)	(15.00)	(15.00)	(15.00)	(15.00)	(15.00)
10/21/2015	Equip Revenue Clearing	(80.00)	p	a1	(10.00)	(10.00)	(10.00)	(10.00)	(10.00)	(10.00)	(10.00)	(10.00)
10/21/2015	Xtelesis Corporation	(17.00)	p	m	(2.13)	(2.13)	(2.13)	(2.13)	(2.13)	(2.13)	(2.13)	(2.13)
10/23/2015	Petaluma - JU Fee (WTRN-5)	<b>30,813.00</b>	<b>d</b>									<b>30,813.00</b>
10/23/2015	DC Tour Expenses - B. Sherwood CalCard	(1,411.12)	p	a1	(176.39)	(176.39)	(176.39)	(176.39)	(176.39)	(176.39)	(176.39)	(176.39)
10/26/2015	Weir Technical Services SCWA 09-15	(5,000.00)	p	w1	(625.00)	(625.00)	(625.00)	(625.00)	(625.00)	(625.00)	(625.00)	(625.00)
10/26/2015	Weir Technical Services SCWA 09-15 (Expenses)	(113.98)	p	w1	(14.25)	(14.25)	(14.25)	(14.25)	(14.25)	(14.25)	(14.25)	(14.25)
10/28/2015	Bryant & Associates September 2015	(3,000.00)	p	ba2	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)
11/1/2015	WSWC/DC Expenses	(2,498.07)	p	a1	(312.26)	(312.26)	(312.26)	(312.26)	(312.26)	(312.26)	(312.26)	(312.26)
11/9/2015	Salary/Assn Chgs Applied (split)	(16,608.45)	p	a1	(2,076.06)	(2,076.06)	(2,076.06)	(2,076.06)	(2,076.06)	(2,076.06)	(2,076.06)	(2,076.06)
11/9/2015	Salary/Assn Chgs Applied (split)	(5,054.01)	p	a2	(631.75)	(631.75)	(631.75)	(631.75)	(631.75)	(631.75)	(631.75)	(631.75)
11/9/2015	Salary/Assn Chgs Applied	(1,946.57)	p	a2	(243.32)	(243.32)	(243.32)	(243.32)	(243.32)	(243.32)	(243.32)	(243.32)
11/12/2015	Weir Technical Services SCWA 10-15	(6,160.00)	p	w1	(770.00)	(770.00)	(770.00)	(770.00)	(770.00)	(770.00)	(770.00)	(770.00)
11/12/2015	Weir Technical Services SCWA 10-15 (Expenses)	(114.46)	p	w1	(14.31)	(14.31)	(14.31)	(14.31)	(14.31)	(14.31)	(14.31)	(14.31)
11/19/2015	Salary/Assn Chgs Applied	(9,369.88)	p	a2	(1,171.24)	(1,171.24)	(1,171.24)	(1,171.24)	(1,171.24)	(1,171.24)	(1,171.24)	(1,171.24)
11/19/2015	Salary/Assn Chgs Applied	(2,052.68)	p	a2	(256.59)	(256.59)	(256.59)	(256.59)	(256.59)	(256.59)	(256.59)	(256.59)
11/23/2015	Salary/Assn Chgs Applied	(4,257.14)	p	a2	(532.14)	(532.14)	(532.14)	(532.14)	(532.14)	(532.14)	(532.14)	(532.14)
11/23/2015	Salary/Assn Chgs Applied	(268.57)	p	a2	(33.57)	(33.57)	(33.57)	(33.57)	(33.57)	(33.57)	(33.57)	(33.57)
12/1/2015	SVCSD - JU Fee (WTRN-2)	<b>30,813.00</b>						<b>30,813.00</b>				

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**Joint Use**

12/3/2015 Bryant & Associates October 2015	(3,000.00)	p	ba2	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)
12/8/2015 Salary/Assn Chgs Applied	(3,602.63)	p	a2	(450.33)	(450.33)	(450.33)	(450.33)	(450.33)	(450.33)	(450.33)	(450.33)
12/15/2015 Bryant & Associates November 2015	(3,000.00)	p	ba2	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)
12/17/2015 Xtelesis Corporation	(15.05)	p	m	(1.88)	(1.88)	(1.88)	(1.88)	(1.88)	(1.88)	(1.88)	(1.88)
12/21/2015 Weir Technical Services SCWA 11-15	(1,240.00)	p	w1	(155.00)	(155.00)	(155.00)	(155.00)	(155.00)	(155.00)	(155.00)	(155.00)
12/21/2015 Weir Technical Services SCWA 11-15 (Expenses)	(12.42)	p	w1	(1.55)	(1.55)	(1.55)	(1.55)	(1.55)	(1.55)	(1.55)	(1.55)
12/31/2015 Salary/Assn Chgs Applied	(3,263.50)	p	a2	(407.94)	(407.94)	(407.94)	(407.94)	(407.94)	(407.94)	(407.94)	(407.94)
12/31/2015 Salary/Assn Chgs Applied	0.00	p	a2	-	-	-	-	-	-	-	-
1/5/2016 Xtelesis Corporation	(9.35)	p	m	(1.17)	(1.17)	(1.17)	(1.17)	(1.17)	(1.17)	(1.17)	(1.17)
1/11/2016 Weir Technical Services SCWA 12-15	(4,680.00)	p	w1	(585.00)	(585.00)	(585.00)	(585.00)	(585.00)	(585.00)	(585.00)	(585.00)
1/11/2016 Weir Technical Services SCWA 12-15 (Expenses)	(103.91)	p	w1	(12.99)	(12.99)	(12.99)	(12.99)	(12.99)	(12.99)	(12.99)	(12.99)
1/19/2016 Bryant & Associates December 2015	(3,000.00)	p	ba2	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)
1/27/2016 Salary/Assn Chgs Applied	(1,194.86)	p	a2	(149.36)	(149.36)	(149.36)	(149.36)	(149.36)	(149.36)	(149.36)	(149.36)
2/1/2016 Xtelesis Corporation	(4.50)	p	m	(0.56)	(0.56)	(0.56)	(0.56)	(0.56)	(0.56)	(0.56)	(0.56)
2/4/2016 Weir Technical Services SCWA 01-16	(5,320.00)	p	w1	(665.00)	(665.00)	(665.00)	(665.00)	(665.00)	(665.00)	(665.00)	(665.00)
2/4/2016 Weir Technical Services SCWA 01-16 (Expenses)	(94.09)	p	w1	(11.76)	(11.76)	(11.76)	(11.76)	(11.76)	(11.76)	(11.76)	(11.76)
2/5/2016 Equip Revenue Clearing	40.00	p	a1	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
2/22/2016 Bryant & Associates January 2016	(3,000.00)	p	ba2	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)
3/3/2016 Salary/Assn Chgs Applied	(2,062.22)	p	a2	(257.78)	(257.78)	(257.78)	(257.78)	(257.78)	(257.78)	(257.78)	(257.78)
3/4/2016 DC Travel Expenses	(1,757.84)	p	a2	(219.73)	(219.73)	(219.73)	(219.73)	(219.73)	(219.73)	(219.73)	(219.73)
3/4/2016 Supplies	(14.05)	p	m	(1.76)	(1.76)	(1.76)	(1.76)	(1.76)	(1.76)	(1.76)	(1.76)
3/7/2016 Weir Technical Services SCWA 02-16 (Split)	(2,775.97)	p	w1	(347.00)	(347.00)	(347.00)	(347.00)	(347.00)	(347.00)	(347.00)	(347.00)
3/7/2016 Weir Technical Services SCWA 02-16 (Split)	(1,384.03)	p	w2	(173.00)	(173.00)	(173.00)	(173.00)	(173.00)	(173.00)	(173.00)	(173.00)
3/7/2016 Weir Technical Services SCWA 02-16 (Expenses)	(6.91)	p	w2	(0.86)	(0.86)	(0.86)	(0.86)	(0.86)	(0.86)	(0.86)	(0.86)
3/8/2016 Bryant & Associates February 2016	(3,000.00)	p	ba2	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)
3/10/2016 Equip Revenue Clearing	(40.00)	p	a2	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)
3/11/2016 Salary/Assn Chgs Applied	(4,475.45)	p	a2	(559.43)	(559.43)	(559.43)	(559.43)	(559.43)	(559.43)	(559.43)	(559.43)
3/11/2016 Equip Revenue Clearing	(40.00)	p	a2	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)
3/12/2016 Xtelesis Corporation	(17.40)	p	m	(2.18)	(2.18)	(2.18)	(2.18)	(2.18)	(2.18)	(2.18)	(2.18)
3/25/2016 Xtelesis Corporation	(6.70)	p	m	(0.84)	(0.84)	(0.84)	(0.84)	(0.84)	(0.84)	(0.84)	(0.84)
3/31/2016 Mileage Reimbursment	(78.84)	p	m	(9.86)	(9.86)	(9.86)	(9.86)	(9.86)	(9.86)	(9.86)	(9.86)
3/31/2016 Salary/Assn Chgs Applied	(6,827.88)	p	a2	(853.49)	(853.49)	(853.49)	(853.49)	(853.49)	(853.49)	(853.49)	(853.49)
3/31/2016 Equipment Usage Charges	40.00	p	m	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
4/12/2016 Salary/Assn Chgs Applied	(5,225.59)	p	a2	(653.20)	(653.20)	(653.20)	(653.20)	(653.20)	(653.20)	(653.20)	(653.20)
4/14/2016 Weir Technical Services SCWA 03-16	(7,640.00)	p	w2	(955.00)	(955.00)	(955.00)	(955.00)	(955.00)	(955.00)	(955.00)	(955.00)
4/14/2016 Weir Technical Services SCWA 03-16 (Expenses)	(95.12)	p	w2	(11.89)	(11.89)	(11.89)	(11.89)	(11.89)	(11.89)	(11.89)	(11.89)
<b>Current NBWRA Balance</b>	<b>268,147.13</b>			<b>29,370.55</b>	<b>29,371.55</b>	<b>29,372.55</b>	<b>29,372.55</b>	<b>29,370.55</b>	<b>29,371.55</b>	<b>29,371.55</b>	<b>25,661.68</b>
<b>PENDING</b>											
Bryant & Associates March 2016	(3,000.00)			(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)
<b>Projected Balance</b>	<b>265,147.13</b>			<b>28,995.55</b>	<b>28,996.55</b>	<b>28,997.55</b>	<b>28,997.55</b>	<b>28,995.55</b>	<b>28,996.55</b>	<b>28,996.55</b>	<b>25,286.68</b>
				<b>LG</b>	<b>Napa</b>	<b>Nov</b>	<b>SV</b>	<b>SCWA</b>	<b>Napa County</b>	<b>North Marin</b>	<b>Petaluma</b>
				<b>10.953%</b>	<b>10.954%</b>	<b>10.954%</b>	<b>10.954%</b>	<b>10.953%</b>	<b>10.954%</b>	<b>10.954%</b>	<b>9.570%</b>
				21,204.15	21,205.15	21,205.15	21,205.15	21,204.15	21,205.15	21,204.15	17,494.28
				30,812.00	30,812.00	30,813.00	-	30,812.00	30,812.00	30,813.00	30,813.00
				-	-	-	-	-	-	-	-
				(22,645.60)	(22,645.60)	(22,645.60)	(22,645.60)	(22,645.60)	(22,645.60)	(22,645.60)	(22,645.60)
				<b>29,370.55</b>	<b>29,371.55</b>	<b>29,372.55</b>	<b>(1,440.46)</b>	<b>29,370.55</b>	<b>29,371.55</b>	<b>29,371.55</b>	<b>25,661.68</b>

**NBWRA Reconciliation**

Beginning Balance	192,811.96	b
Deposits	225,687.00	d
Interest Earnings	-	i
Payments	(181,164.83)	p
Balance	237,334.13	

**North Bay Water Reuse Authority**  
**July 1, 2015 to Date Transaction Summary**  
**as of April 20, 2016**  
**Joint Use**

Item No. 7.d

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 FY14/15	34,232.67	w1	34,232.67	-	0.00	6/30/2017	100%
Weir Technical Services FY15/16	75,500.00	w2	9,126.06	-	66,373.94	6/30/2017	12%
Bryant & Associates FY15/16	36,000.00	ba2	24,000.00	-	12,000.00	6/30/2017	67%
Total	145,732.67		67,358.73	-	78,373.94		
	<u>Unencumbered</u>		<u>Spent</u>	<u>Misc.</u>	<u>Balance</u>		<u>% Spent</u>
Admin Agency Services FY14/15	62,301.39	a1	62,177.09	190.19	(65.89)		100%
Admin Agency Services FY15/16	135,000.00	a2	51,438.82	190.19	83,370.99		38%
Unallocated funds	64,595.89	ua	-	-	64,595.89		0%
Contingency	-	c	-	-	-		#DIV/0!
Total	261,897.28		113,615.91	380.38	147,900.99		
Miscellaneous Expenses		m	190.19				
	<u>Scheduled costs</u>		<u>Expenses</u>	<u>Adjustments</u>	<u>Balance</u>		<u>% Spent</u>
Total	407,629.95		180,974.64	380.38	226,274.93		44%

Carryover from LFY

Carryover from LFY

**North Bay Water Reuse Authority**  
**July 1, 2015 to Date Transaction Summary**  
**as of April 20, 2016**  
**Discretionary**

Item No. 7.d

<u>Date</u>	<u>Description</u>	<u>Amount</u>			<u>Combined</u>	<u>Marin Muni</u> <u>Water Dist.</u>	<u>Marin County</u>	<u>City of</u> <u>American Canyon</u>
	Beginning Balance	26,884.62	b		26,884.62	11,884.62	10,000.00	5,000.00
8/11/2015	NBWRA meeting room rental	(370.00)	p	rr	(370.00)			
9/9/2015	Baja Limo - Congressional Tour	(2,889.50)	p	ft	(2,889.50)			
10/2/2015	County of Marin - Associate Fee (WTRN-4)	5,000.00	d		5,000.00		5,000.00	
10/2/2015	American Canyon - Associate Fee (WTRN-3)	5,000.00	d		5,000.00			5,000.00
9/17/2015	Baja Limo - Congressional Tour (Correction)	(10.00)	p	ft	(10.00)			
10/5/2015	Lombardi's Catering (Fed Tour Lunch)	(508.78)	p	ft	(508.78)			
10/5/2015	Lombardi's Catering (Fed Tour Lunch)	(97.42)	p	ft	(97.42)			
10/23/2015	MMWD - Associate Fee (WTRN-6)	5,000.00	d		5,000.00	5,000.00		
11/10/2015	NBWRA tour lunches	(240.35)	p	st	(240.35)			
1/12/2016	NBWRA meeting room rental	(370.00)	p	rr	(370.00)			
3/23/2016	NBWRA meeting room rental	(385.00)	p	rr	(385.00)			
<b>Current NBWRA Balance</b>		<b>37,013.57</b>			<b>37,013.57</b>	<b>-</b>	<b>16,884.62</b>	<b>15,000.00</b>
<b>PENDING</b>								
	WateReuse 2016 Conf Sponsorship (CalCard)	(500.00)			(500.00)			
<b>Projected Balance</b>		<b>36,513.57</b>			<b>36,513.57</b>	<b>-</b>	<b>16,884.62</b>	<b>15,000.00</b>
						<b>MMWD</b>	<b>Marin County</b>	<b>AM</b>

<b>NBWRA Reconciliation</b>								
Beginning Balance	26,884.62	b			26,884.62	-	11,884.62	10,000.00
Deposits	15,000.00	d			15,000.00	-	5,000.00	5,000.00
Interest Earnings	-	i			-	-	-	-
Payments	(4,871.05)	p			(4,871.05)	-	-	-
Balance	37,013.57				37,013.57	-	16,884.62	15,000.00

<b>NBWRA Obligations</b>						
<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	-	-	#DIV/0!
Admin Agency Services (Room Rental)	-	rr	1,125.00	(1,125.00)	#DIV/0!
Federal Congressional Tour	-	ft	3,505.70	(3,505.70)	#DIV/0!
State Congressional Tour	-	st	240.35	(240.35)	#DIV/0!
Total	-		4,871.05	(4,871.05)	

Miscellaneous Expenses	m	-			
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<u>Scheduled costs</u>	<u>Expenses</u>	<u>Adjustments</u>	<u>Balance</u>	<u>% Spent</u>
Total	-	4,871.05	(4,871.05)	#DIV/0!

**Interest  
North Bay Water Reuse Authority  
as of April 20, 2016**

**FY2013/2014**

<b>Period</b>	<b>Date Posted</b>	<b>Amount</b>
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
<b>Total</b>		<b>\$ 4,406.53</b>

**FY2014/2015**

<b>Period</b>	<b>Date Posted</b>	<b>Amount</b>
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
<b>Total</b>		<b>\$ 8,218.73</b>

**FY2015/2016**

<b>Period</b>	<b>Date Posted</b>	<b>Amount</b>
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		
<b>Total</b>		<b>\$ 8,512.50</b>

**FY2016/2017**

<b>Period</b>	<b>Date Posted</b>	<b>Amount</b>
1st Quarter		
2nd Quarter		
3rd Quarter		
4th Quarter		
<b>Total</b>		<b>\$ -</b>



**ITEM NO. 8 BUDGETS, MEMBER AGENCY COST ALLOCATION, AND SCOPES AND COSTS FOR FY2014/15, FY2015/16, AND FY2016/17**

**Action Requested:** That the Board approve the FY2016/17 Budget as part of the existing three-year FY2014/15, FY2015/16, and FY2016/17 Budget.

The following items are attached for the Board's information:

- a. Three-Year Budget for FY2014/15, FY2015/15, and FY2016/17
- b. Member Agency Cost Sharing for FY2016/17
- c. Member Agency Cost Sharing for FY2014/15, FY2015/16 and FY2016/17

The final list of Phase 2 projects has not yet been finalized. As a consequence, the plan to revise consultant scopes and costs for a two year budget cannot be completed until the Phase 2 Project list has been finalized. At the March 21 and March 28, 2016 TAC meetings, options to maintain progress on the program were discussed. The TAC is recommending that the third year of the original three year budget be approved by the Board while issues are resolved regarding the final list of Phase 2 projects for environmental analysis and cost sharing are completed. The Board has previously approved the three year budget on two separate occasions. Each year the Board approves only the funding for a single year. Funding for FY2014/15 was approved on May 19, 2014 and funding for FY2015/16 was approved on April 27, 2015.

Approval by the Board of funding for FY2016/17 is based on three items:

- a. An amended two-year budget for FY2016/17 and FY2017/18 will be presented to the Board for approval at the October 24, 2016 Board meeting.
- b. Work on the environmental review process will not begin on July 1, 2016. Based on TAC direction the process will be delayed until after Board approval of a revised two year budget at the October 24, 2016 Board meeting. The EIR/EIS level of effort and scope of work will be based on the selected projects.
- c. The level of effort for Bryant and Associates includes increased monthly fees for The Ferguson Group and The Oñate Group.
- d. SCWA will invoice for 50% of the costs listed in **Item 8.b**, noted above. As a disclaimer, SCWA will not make payments to consultants if the funds are not available in the Trust (i.e. if we start spending the budget very quickly we may need to either hold payment to consultants (or consultants may delay work) or accelerate the 2<sup>nd</sup> invoice). This should not be an issue as there is a sizable balance in the trust at the current time. Full invoicing for FY2016/17 will occur after Board approval of the two year budget.

The cost sharing shown in **Items 8.b and 8.c** continue to use the existing percentages based on the May 2014 Scoping Study project costs. Other cost sharing options are being evaluated by the

TAC and will be incorporated into the two year budget that will be presented to the Board for approval at the October 24, 2016 Board meeting.

### **Recommendation**

It is recommended that the Board approve funding for the FY2016/17 Budget as previously presented under the following conditions:

- a. An amended two-year budget for FY2016/17 and FY2017/18 will be presented to the Board for approval at the October 24, 2016 Board meeting.
- b. Work on the environmental review process will not begin on July 1, 2016. Based on TAC direction the process will be delayed until after Board approval of a revised two year budget at the October 24, 2016 Board meeting. The EIR/EIS level of effort and scope of work will be based on the selected projects.
- c. The level of effort for Bryant and Associates includes increased monthly fees for The Ferguson Group and The Oñate Group.
- d. SCWA will invoice for 50% of the costs listed in **Item 8.b**, noted above. As a disclaimer, SCWA will not make payments to consultants if the funds are not available in the Trust (i.e. if we start spending the budget very quickly we may need to either hold payment to consultants (or consultants may delay work) or accelerate the 2<sup>nd</sup> invoice). This should not be an issue as there is a sizable balance in the trust at the current time. Full invoicing for FY2016/17 will occur after Board approval of the two year budget.

North Bay Water Reuse Authority  
Proposed Fiscal Year Budgets  
Fiscal Year 2015/16 through Fiscal Year 2016/17

March 24, 2016

FY2014/15 Approved by the Board May 19, 2014  
FY2015/16 Approved by the Board April 27, 2015

	Approved 3/25/13	Proposed	Proposed	Proposed	Proposed
Phase 1 Support	FY2013/14	FY2014/15	FY2015/16	FY2016/17	3-Year Total
Grant Applications and Management - B&C	60,000	72,628	77,998	46,993	197,619
Program Development (40% of \$190,200 total) - Bryant	-	76,080	76,080	76,080	228,240
Federal Advocacy (30% of \$88,000 total) - TFG sub to Bryant	-	26,400	26,400	26,400	79,200
Contingency	5,000	-	-	-	-
<b>Total Costs for Phase 1 Support</b>	<b>65,000</b>	<b>175,108</b>	<b>180,478</b>	<b>149,473</b>	<b>505,059</b>

Phase 2 Support	FY2013/14	FY2014/15	FY2015/16	FY2016/17	3-Year Total
Program Development (60% of \$190,200 total) - Bryant	-	114,120	114,120	114,120	342,360
Federal Advocacy (70% of \$88,000 total) - TFG sub to Bryant	18,000	61,600	61,600	61,600	184,800
Feasibility Study Grant Application Preparation - B&C	40,000	-	-	-	-
Contingency	5,000	-	-	-	-
<b>Total Costs for Phase 2 Support</b>	<b>63,000</b>	<b>175,720</b>	<b>175,720</b>	<b>175,720</b>	<b>527,160</b>

Phase 2 Feasibility Study - Three Years	FY2013/14	FY2014/15	FY2015/16	FY2016/17	3-Year Total
Engineering, Environmental, and Outreach Services - B&C	166,080	823,335	931,636	1,063,789	2,818,760
SCWA Administration - Grants and EIR/EIS	-	116,836	132,205	150,958	400,000
Contingency	-	-	-	-	-
<b>Total Costs for Study</b>	<b>166,080</b>	<b>940,171</b>	<b>1,063,841</b>	<b>1,214,747</b>	<b>3,218,760</b>

Phase 2 Workshops (18 -month)	FY2013/14	FY2014/15	FY2015/16	FY2016/17	3-Year Total
Planning, Engineering, and Program Development	42,275	-	-	-	-
Contingency	-	-	-	-	-
<b>Total Costs for Scoping Study Workshops</b>	<b>42,275</b>				
<b>Total Costs for Phase 2</b>	<b>271,355</b>	<b>1,115,891</b>	<b>1,239,561</b>	<b>1,390,467</b>	<b>3,745,920</b>

Joint Use	FY2013/14	FY2014/15	FY2015/16	FY2016/17	3-Year Total
Program Management - Weir	78,000	70,500	75,500	75,500	221,500
Program Development and Federal Funding - Bryant & Associates	178,000	-	-	-	-
Federal Authorizations and Appropriations - The Ferguson Group	65,000	-	-	-	-
Planning, Engineering and Funding Management - CDM Smith	10,000	-	-	-	-
State Advocacy - The Onate Group (Sub to Bryant)	30,000	36,000	36,000	36,000	108,000
Outreach and Community Support - Data Instincts	50,000	-	-	-	-
SCWA Administration	150,000	135,000	135,000	135,000	405,000
Contingency	25,000	-	-	-	-
<b>Total Costs for Joint Use</b>	<b>586,000</b>	<b>241,500</b>	<b>246,500</b>	<b>246,500</b>	<b>734,500</b>

Total Costs	FY2013/14	FY2014/15	FY2015/16	FY2016/17	3-Year Total
Weir	78,000	70,500	75,500	75,500	221,500
Bryant & Associates	199,180	314,200	314,200	314,200	942,600
The Ferguson Group	83,000	-	-	-	-
CDM Smith	158,710	-	-	-	-
Brown & Caldwell	83,890	895,963	1,009,634	1,110,782	3,016,379
ESA	10,000	-	-	-	-
The Onate Group	30,000	-	-	-	-
Data Instincts	50,000	-	-	-	-
SCWA Administration	194,575	251,836	267,205	285,958	805,000
Contingency	35,000	-	-	-	-
<b>Total Costs for NBWRA</b>	<b>922,355</b>	<b>1,532,499</b>	<b>1,666,539</b>	<b>1,786,440</b>	<b>4,985,479</b>

Potential 50% Federal cost share for Feasibility Study

\$470,086

\$531,921

\$607,374

\$1,609,380

North Bay Water Reuse Authority  
Proposed Agency Cost Allocations

Member Agency Cost Allocations

March 24, 2016

Fiscal Year 2016/17

Based on Phase 2 Project Costs

Phase 1 Support									
25% Shared Equally Between 7 Agencies/ 75% Shared By Phase 1 Benefit	Total Budget	NBWRA Share	Las Gallinas Valley Sanitary District	Napa Sanitation District	Novato Sanitary District	Sonoma Valley County Sanitation District	Sonoma County Water Agency	North Marin Water District	Napa County
<i>MOU Percent for Phase 1</i>			7.239%	31.894%	8.611%	27.473%	3.571%	17.640%	3.571%
Grant Applications and Management - B&C	46,993	46,993	3,402	14,988	4,047	12,910	1,678	8,290	1,678
Program Development (40% of \$221,110 total) - Bryant	76,080	76,080	5,507	24,265	6,551	20,901	2,717	13,420	2,717
Federal Advocacy (30% of \$157,900 total) - TFG sub to Bryant	26,400	26,400	1,911	8,420	2,273	7,253	943	4,657	943
<b>Total</b>	<b>\$149,473</b>	<b>\$149,473</b>	<b>\$10,820</b>	<b>\$47,674</b>	<b>\$12,871</b>	<b>\$41,064</b>	<b>\$5,338</b>	<b>\$26,367</b>	<b>\$5,338</b>

100.000%

Phase 2 Support											
Shared on the Basis of Phase 2 Project Cost in Feasibility Study	Total Budget	NBWRA Share	Las Gallinas Valley Sanitary District	Napa Sanitation District	Novato Sanitary District	Sonoma Valley County Sanitation District	Sonoma County Water Agency	North Marin Water District	Napa County	City of Petaluma	Marin Municipal Water District
<i>Percent for Phase 2 Support</i>			0.000%	35.188%	26.682%	3.911%	10.886%	0.000%	0.000%	23.333%	0.000%
Program Development (60% of \$221,110 total) - Bryant	114,120	114,120	-	40,156	30,449	4,464	12,423	-	-	26,628	-
Federal Advocacy (70% of \$157,900 total) - TFG sub to Bryant	61,600	61,600	-	21,676	16,436	2,409	6,706	-	-	14,373	-
<b>Total</b>	<b>\$175,720</b>	<b>\$175,720</b>	<b>\$0</b>	<b>\$61,832</b>	<b>\$46,885</b>	<b>\$6,873</b>	<b>\$19,129</b>	<b>\$0</b>	<b>\$0</b>	<b>\$41,001</b>	<b>\$0</b>

Phase 2 Feasibility Study - Three Years											
Shared on the Basis of Phase 2 Project Cost in Feasibility Study	Total Budget	NBWRA Share	Las Gallinas Valley Sanitary District	Napa Sanitation District	Novato Sanitary District	Sonoma Valley County Sanitation District	Sonoma County Water Agency	North Marin Water District	Napa County	City of Petaluma	Marin Municipal Water District
<i>Percent for Phase 2 Feasibility Study</i>			0.000%	35.188%	26.682%	3.911%	10.886%	0.000%	0.000%	23.333%	0.000%
Engineering, Environmental, and Outreach Services - B&C	1,063,789	1,063,789	-	374,323	283,837	41,609	115,803	-	-	248,217	-
SCWA Administration - Grants and EIR/EIS	150,958	150,958	-	53,119	40,278	5,905	16,433	-	-	35,224	-
<b>Total</b>	<b>\$1,214,747</b>	<b>\$1,214,747</b>	<b>\$0</b>	<b>\$427,442</b>	<b>\$324,115</b>	<b>\$47,514</b>	<b>\$132,236</b>	<b>\$0</b>	<b>\$0</b>	<b>\$283,441</b>	<b>\$0</b>

Joint Use											
Shared Equally Between Current and New Members	Total Budget	NBWRA Share	Las Gallinas Valley Sanitary District	Napa Sanitation District	Novato Sanitary District	Sonoma Valley County Sanitation District	Sonoma County Water Agency	North Marin Water District	Napa County	City of Petaluma	Marin Municipal Water District
<i>Percent for Joint Use</i>			12.500%	12.500%	12.500%	12.500%	12.500%	12.500%	12.500%	12.500%	0.000%
Program Management - Weir	75,500	75,500	9,438	9,438	9,438	9,438	9,438	9,438	9,438	9,438	-
State Advocacy - The Onate Group (Sub to Bryant)	36,000	36,000	4,500	4,500	4,500	4,500	4,500	4,500	4,500	4,500	-
SCWA Administration	135,000	135,000	16,875	16,875	16,875	16,875	16,875	16,875	16,875	16,875	-
<b>Total</b>	<b>\$246,500</b>	<b>\$246,500</b>	<b>\$30,813</b>	<b>\$30,813</b>	<b>\$30,813</b>	<b>\$30,813</b>	<b>\$30,813</b>	<b>\$30,813</b>	<b>\$30,813</b>	<b>\$30,813</b>	<b>\$0</b>

Total Cost per Agency for FY 2016/17											
	Total Budget	NBWRA Share	Las Gallinas Valley Sanitary District	Napa Sanitation District	Novato Sanitary District	Sonoma Valley County Sanitation District	Sonoma County Water Agency	North Marin Water District	Napa County	City of Petaluma	Marin Municipal Water District
FY16/17 Proposed	\$1,786,440	\$1,786,440	\$41,633	\$567,760	\$414,684	\$126,264	\$187,516	\$57,179	\$36,151	\$355,255	\$5,000

North Bay Water Reuse Authority  
Proposed Agency Cost Allocations  
Three Fiscal Year 2014/15, 2015/16, and 2016/17  
Based on Phase 2 Project Costs

Member Agency Cost Allocations

March 24, 2016

Phase 1 Support									
25% Shared Equally Between 7 Agencies/ 75% Shared By Phase 1 Benefit	Total Budget	NBWRA Share	Las Gallinas Valley Sanitary District	Napa Sanitation District	Novato Sanitary District	Sonoma Valley County Sanitation District	Sonoma County Water Agency	North Marin Water District	Napa County
<i>MOU Percent for Phase 1</i>			7.239%	31.894%	8.611%	27.473%	3.571%	17.640%	3.571%
Grant Applications and Management - B&C	197,619	197,619	14,305	63,029	17,017	54,292	7,058	34,860	7,058
Program Development (40% of \$221,110 total) - Bryant	228,240	228,240	16,522	72,796	19,654	62,704	8,151	40,261	8,151
Federal Advocacy (30% of \$157,900 total) - TFG sub to Bryant	79,200	79,200	5,733	25,260	6,820	21,758	2,829	13,971	2,829
<b>Total</b>	<b>\$505,059</b>	<b>\$505,059</b>	<b>\$36,560</b>	<b>\$161,086</b>	<b>\$43,491</b>	<b>\$138,754</b>	<b>\$18,038</b>	<b>\$89,092</b>	<b>\$18,038</b>

100.000%

Phase 2 Support											
Shared on the Basis of Phase 2 Project Cost in Feasibility Study	Total Budget	NBWRA Share	Las Gallinas Valley Sanitary District	Napa Sanitation District	Novato Sanitary District	Sonoma Valley County Sanitation District	Sonoma County Water Agency	North Marin Water District	Napa County	City of Petaluma	Marin Municipal Water District
<i>Percent for Phase 2 Support</i>			0.000%	35.188%	26.682%	3.911%	10.886%	0.000%	0.000%	23.333%	0.000%
Program Development (60% of \$221,110 total) - Bryant	342,360	342,360	-	120,469	91,347	13,391	37,269	-	-	79,884	-
Federal Advocacy (70% of \$157,900 total) - TFG sub to Bryant	184,800	184,800	-	65,027	49,308	7,228	20,117	-	-	43,120	-
<b>Total</b>	<b>\$527,160</b>	<b>\$527,160</b>	<b>\$0</b>	<b>\$185,495</b>	<b>\$140,655</b>	<b>\$20,619</b>	<b>\$57,386</b>	<b>\$0</b>	<b>\$0</b>	<b>\$123,004</b>	<b>\$0</b>

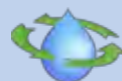
Phase 2 Feasibility Study - Three Years											
Shared on the Basis of Phase 2 Project Cost in Feasibility Study	Total Budget	NBWRA Share	Las Gallinas Valley Sanitary District	Napa Sanitation District	Novato Sanitary District	Sonoma Valley County Sanitation District	Sonoma County Water Agency	North Marin Water District	Napa County	City of Petaluma	Marin Municipal Water District
<i>Percent for Phase 2 Feasibility Study</i>			0.000%	35.188%	26.682%	3.911%	10.886%	0.000%	0.000%	23.333%	0.000%
Engineering, Environmental, and Outreach Services - B&C	2,818,760	2,818,760	-	991,856	752,093	110,253	306,847	-	-	657,711	-
SCWA Administration - Grants and EIR/EIS	400,000	400,000	-	140,751	106,727	15,646	43,544	-	-	93,333	-
<b>Total</b>	<b>\$3,218,760</b>	<b>\$3,218,760</b>	<b>\$0</b>	<b>\$1,132,608</b>	<b>\$858,820</b>	<b>\$125,899</b>	<b>\$350,391</b>	<b>\$0</b>	<b>\$0</b>	<b>\$751,044</b>	<b>\$0</b>

Joint Use											
Shared Equally Between Current and New Members	Total Budget	NBWRA Share	Las Gallinas Valley Sanitary District	Napa Sanitation District	Novato Sanitary District	Sonoma Valley County Sanitation District	Sonoma County Water Agency	North Marin Water District	Napa County	City of Petaluma	Marin Municipal Water District
<i>Percent for Joint Use</i>			12.500%	12.500%	12.500%	12.500%	12.500%	12.500%	12.500%	12.500%	0.000%
Program Management - Weir	221,500	221,500	27,688	27,688	27,688	27,688	27,688	27,688	27,688	27,688	-
State Advocacy - The Onate Group (Sub to Bryant)	108,000	108,000	13,500	13,500	13,500	13,500	13,500	13,500	13,500	13,500	-
SCWA Administration	405,000	405,000	50,625	50,625	50,625	50,625	50,625	50,625	50,625	50,625	-
<b>Total</b>	<b>\$734,500</b>	<b>\$734,500</b>	<b>\$91,813</b>	<b>\$91,813</b>	<b>\$91,813</b>	<b>\$91,813</b>	<b>\$91,813</b>	<b>\$91,813</b>	<b>\$91,813</b>	<b>\$91,813</b>	<b>\$0</b>

Total Cost per Agency for FY2014/15, FY2015/16, and FY2016/17											
Three FY Proposed	Total Budget	NBWRA Share	Las Gallinas Valley Sanitary District	Napa Sanitation District	Novato Sanitary District	Sonoma Valley County Sanitation District	Sonoma County Water Agency	North Marin Water District	Napa County	City of Petaluma	Marin Municipal Water District
	\$4,985,479	\$4,985,479	\$128,373	\$1,571,001	\$1,134,778	\$377,085	\$517,627	\$180,905	\$109,850	\$965,861	\$15,000

# Program Development, Federal and State Advocacy Report

NBWRA Board Meeting  
April 25, 2016



## Today's Topics

- 💧 State Advocacy
- 💧 Program Development and Federal Advocacy





## State Advocacy

### 💧 Update on SB 163 Hertzberg

*SB 163 would require half of treated wastewater to be used for beneficial purposes, including landscape watering, by 2026 and 100% usage by 2036*

### 💧 Opposition

- CASA Letter opposing bill has been sent – see Board packet
- Multiple co-signers on CASA letter
- WaterReuse is also preparing opposition letter
- NBWRA will prepare an opposition letter that will support of points made by CASA and WaterReuse





## State Advocacy

### Budget Activities

- Pending final action by the legislature, it is likely the remainder of Prop 1 Water Recycling funds will be appropriated to the State Board this year



## Program Development and Federal Advocacy

- 💧 Work continues on including RIFIA Loan and WaterSMART Grants in Western Water Bill
  - Meetings with Senate Energy and Natural Resources Committee Members in Washington DC May 27-29
  - Coordinate with other states on case studies demonstrating how new Loans and Grants would expedite projects
  - Coordinated with AZ Water representatives supporting Loans and Grants in Washington DC meetings



## Outreach

- 💧 Coordinated with team on Chair **Rabbitt's** presentation for NBWA Conference April 22
- 💧 Coordinated with team and Napa SD regarding press information for Recycled Water Expansion Ribbon Cutting Celebration May 2
- 💧 **Prepared materials for this week's** Washington DC meetings



💧 Questions?





April 18, 2016

The Honorable Bob Hertzberg  
California State Senate  
State Capitol, Room 4038  
Sacramento, CA 95814

**Subject: Coalition OPPOSE - SB 163 (Hertzberg): Recycled Water Mandate for Ocean Dischargers - As Introduced / As Proposed to be Amended**

Dear Senator Hertzberg,

The coalition of undersigned associations and individual water and wastewater agencies respectfully oppose SB 163 (Hertzberg), which would impose an unworkable mandate on each wastewater treatment facility that discharges through an ocean outfall in order to achieve at least 50 percent reuse of the facility's actual annual flow for beneficial purposes by 2026 and 100 percent by 2036.

Our coalition represents nearly all of the ocean dischargers who would be directly impacted by the mandate approach currently outlined in the bill, and many more agencies that are interested in issues pertaining to recycled water production throughout the state. As discussed in detail below, these dischargers have very different circumstances with respect to the quantities of water they are able to recycle and discharge. The water and wastewater community is highly supportive of developing recycled water projects and increasing recycled water production and use in the future. We are also committed to the aspirational goals set forth by the State Water Resources Control Board for increases in recycled water production and use. Unfortunately, the statewide ocean discharge prohibition in SB 163 is simply unworkable for a variety of reasons, including the following:

- A statewide mandate will cost local public agencies tens of billions of dollars, most if not all of which will be borne by local ratepayers, some in disadvantaged communities.
- A statewide mandate is not a feasible, practical, or efficient method to promote water recycling. Regional and watershed differences are crucial, and barriers are multiple.
- Significant efforts are already underway to expand production and use of recycled water. SB 163 would undermine these efforts, hindering recycled water goals rather than promoting them.
- Several regulatory efforts must be completed before agencies can examine the full suite of reuse options, including development of direct potable reuse regulations.
- Exemptions or extensions to the proposed deadline place the burden on local agencies, will not avoid disruption in long-term agency planning, and are unhelpful.
- A task force to examine substantive barriers to recycled water production and beneficial use is a necessary first step that would improve recycled water outcomes.

Each one of these issues is discussed in greater detail below.

### **Cost to Implement SB 163 Would be Astronomical**

The cost to implement a 100 percent reuse mandate on all ocean dischargers in the state would be staggering. Initial estimates are in the tens of billions of dollars, and would include massive treatment facility upgrades, significant infrastructure costs, and a fundamental shift in how wastewater operations with ocean outfalls are managed today. These costs would be borne, in part or in whole, by local ratepayers. This could result in wastewater bills that are three, four, or even five times current wastewater rates. In some cases, this would have a significant impact on disadvantaged communities within the jurisdiction of the local wastewater agency.

In order to comply with this arbitrary mandate, ocean dischargers would be required to add advanced treatment infrastructure such as filtration, microfiltration, reverse osmosis, and/or ultraviolet disinfection with advanced oxidation. Nearly all agencies would be required to develop expansive additional distribution infrastructure to deliver this new water. In combination, these actions would cost billions of dollars. Despite recent increases in grant and low interest loan funds for recycled water through Proposition 1 and the State Revolving Fund (SRF) Loan program, the current level of assistance is nowhere near enough to make the 100 percent mandate feasible or affordable for local ratepayers. SB 163 offers no practical solutions to address this funding shortfall.

### **A Statewide Ocean Discharge Prohibition is Not Feasible, Practical, or Efficient**

California has more than fifty ocean dischargers across the state, ranging in size from agencies that discharge a few hundred thousand gallons per day up to 330 million gallons per day. Every watershed, region, treatment facility and outfall is different, and the capability to beneficially reuse water varies widely. A reliable and feasible end use for recycled water is not always available, and is dependent on factors other than simply the ocean discharger's technical ability to supply recycled water. The blanket mandate approach contemplated by SB 163 simply does not work because of this variability and the need to account for local conditions. For example:

- In many cases the regional demand simply does not exist to reuse 100 percent of an agency's ocean discharge. Some agencies are also long distances from groundwater basins or reservoirs suitable for recharge or storage, making such alternatives impractical.
- Many wastewater agencies are not water purveyors and have complex relationships with local water supply agencies, leaving limited options for distribution of recycled water.
- Some communities are built out and densely populated, making the development of purple pipes and distribution infrastructure for non-potable water exceedingly difficult and prohibitively expensive.
- Advanced treatment produces brine, which must be managed and ultimately discharged, meaning a true ocean discharge prohibition is unattainable.
- Public acceptance of beneficial reuse of wastewater, both for direct potable and indirect potable reuses, still remains an obstacle. While water and wastewater agencies and others are actively seeking to educate the public and dispel misconceptions regarding the safety of recycled water, this remains an issue that needs to be addressed.

### **SB 163 Is Counterproductive and Hinders Existing Water Recycling Efforts**

Not only is the approach contemplated by SB 163 infeasible, the specter of a 50 or 100 percent statewide mandate could interfere with existing water recycling efforts currently underway. Water and wastewater agencies are already actively planning for the future and looking for opportunities to maximize recycled

water production and beneficial reuse. Coalition member agencies are producing hundreds of thousands of acre-feet of recycled water each year, and with recent funding initiatives and the potential for additional financial incentives down the road, California is well on its way to meeting the recycled water goals set forth by the State Water Resources Control Board. The ocean discharge prohibition in SB 163 undermines these efforts. Many agencies already have capital projects planned for long-term time horizons, are pursuing joint projects with other agencies, and are otherwise managing and balancing their water supply goals. If the mandate in SB 163 goes into effect, agencies would be forced to significantly modify their long term planning and budgeting priorities and spend billions of ratepayer dollars to focus solely on achieving this arbitrary ocean discharge prohibition.

### **SB 163 is Premature in Light of Pending Regulatory Efforts**

Aside from the enormous practical and cost implications of moving to a 100 percent reuse mandate for ocean dischargers, the proposal is premature in light of pending regulatory efforts intended to lay the foundation for additional recycled water production and beneficial uses moving forward. Specifically, an existing "regulatory gap" needs to be filled before wastewater agencies can determine what methods, processes and types of reuse make the most sense for the required increase in use of recycled water in their service areas.

The State Water Board is currently receiving input from an expert panel and an advisory group on the feasibility of developing criteria for direct potable reuse (DPR). Depending on the results of that process and any regulations or actions that arise therefrom, the suite of options for wastewater agencies to beneficially reuse their water could change and expand dramatically. The availability of DPR is absolutely essential for maximizing recycled water production and beneficial use in the state, yet SB 163 attempts to impose a mandate before that process has been completed. The State Water Board is also currently developing regulations regarding surface water augmentation with recycled water. That process will inform available options for those agencies not in close proximity to groundwater basins conducive to replenishment with recycled water, and could change the dynamics of decision making at certain agencies. Finally, several bills in this legislative session (and in recent years) are laying the groundwork for expanded use of on-site treatment and recycling. This could have a significant impact on flows to wastewater facilities and change the dynamics of discharge in the future. These regulatory processes need to be finalized before agencies can fully evaluate their options as it relates to appropriate levels of treatment, available outlets for recycled water, and the best "fit" for a particular region and situation. Adopting a mandate in advance of the completion of these regulations and processes would require agencies to pursue paths that might not be the most beneficial to the agency, the ratepayers, or water supply in the region or state.

### **Burdening Local Agencies with "Proving an Exemption" is Not Good Policy**

It is our understanding that amendments to the bill are currently under development that would provide some possible extensions for compliance deadlines based on a number of the feasibility issues outlined above. If the underlying mandate remains in place, these are simply unhelpful.

Under the anticipated approach, the burden would be on the local wastewater agency to demonstrate to the State Water Board that they meet eligibility criteria for an exemption or extension. It is not clear what would be required to make such a showing, what the State Water Board would be required to consider, how such requests would be analyzed, and how long this process might take. Establishing a mandate that clearly cannot be met by all ocean dischargers, and then asking those same local agencies to prove they are unable to comply and hope that the State Water Resources Control Board might grant them an extension or exception is simply bad public policy.



### Task Force is Needed to Examine Key Barriers to Meeting Recycling Goals

Our coalition of water and wastewater agencies has been actively working on possible alternative approaches that would help advance recycled water production, not impede it. There are several unanswered questions related to how to increase recycled water production in the state, both among ocean dischargers and other dischargers alike. Thus, our proposed alternative to the mandate is to convene a task force that would develop a roadmap for new water. The task force would be statewide in its scope, focusing on both ocean dischargers and inland dischargers, examining both potable and non-potable reuse, and identifying water-recycling issues relevant to inland and coastal areas as well as agricultural and urban interests. The task force would ultimately produce an action plan designed to increase recycled water production in California, meet the statewide water recycling goals and overcome any barriers preventing increases in recycled water production and beneficial use from being realized.

The water and wastewater community is fully supportive of recycled water projects where it makes sense, where there are opportunities for beneficial use and watershed conditions are present to maximize supplies of this water. However, the drivers for this progress will be a vision for local water supply reliability and cooperative, beneficial partnerships between water and wastewater agencies on projects that make sense.

We thank you for your consideration and urge you to oppose SB 163 (Hertzberg).

Sincerely,



California Association of Sanitation Agencies



Inland Empire Utilities Agency



Association of California Water Agencies



City of San Diego, Public Utilities Department



California Municipal Utilities Association



Irvine Ranch Water District



San Francisco Public Utilities Commission



East Bay Municipal Utility District



## North Bay Water Reuse Project Engineering and Planning Report

### Task 2 Feasibility Study Report

E-mail sent to each Member Agency regarding the review process

- How to access SharePoint
- How to download & upload sections
- User's manual attached

Revised report schedule. Sections sent out the week of:

- May 2nd : Sections 4 & 5
- May 9th : Sections 2,3, 8 & 10
- May 23rd : Sections 1, 6, & 7
- June 6th : Executive Summary & Section 9

Notification will be sent when the sections are ready for review and the cutoff date for comments (3 to 4 weeks) will be noted

The report will include analysis of the Board approved list of Title XVI and Non-Title XVI projects. Following the report completion the Member Agencies can decide which projects will ultimately be part of the Phase 2 Title XVI Program and included in the EIR/EIS.

### Program Expansion and Budget Modifications for FY16/17 and 17/18

No updated budgets have been developed for expanded efforts in FY16/17 and the addition of a project fourth year (FY17/18). The TAC requested that we keep the existing budget to initiate FY16/17 on July 1, 2016. That will provide time for Member Agencies to decide which projects will receive full project level environmental review and if any projects will be included as programmatic level projects in the document. From the draft TAC minutes:

"TAC took the following action: recommend that the Board approve the previously presented budget and member agency cost sharing for FY2016/17 under the following conditions:

- a. An amended two-year budget for FY2016/17 and FY2017/18 will be presented to the Board for approval at the October 24, 2016 Board meeting.
- b. Environmental work will focus on the highest priority projects that are certain to continue as part of Phase 2. A list of those projects will be included with the budget."

**Task 3 Environmental Documentation**

Work on the environmental review process will not initiate on July 1, 2016. Based on TAC direction the process will be delayed until after Board approval of revised budget at the October 24, 2016 Board meeting. The EIR/EIS level of effort and scope of work will be based on the selected projects in the Program and programmatic level project analysis if included.