



NORTH BAY WATER REUSE PROGRAM

Expanding Water Supplies with Regional Reuse

BOARD OF DIRECTORS MEETING

AGENDA

**Monday, March 27, 2017
9:30 AM**

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

Members and Consultants unable to attend in person may call in: 1 (602)567-4030 (Local dial in) 1 (888)227-0011 (Toll Free) Access code: 1980
<https://conferencing.brwnald.com/conference/1980>

- 1. Call to Order (1 minute)**
- 2. Roll Call (1 minute)**
- 3. Public Comment (3 minutes)**
(Any member of the public may address the Board at the commencement of the meeting on any matter within the jurisdiction of the Board. This should not relate to any item on the agenda. It is the policy of the Authority that each person addressing the Board limit their presentation to three minutes. Non-English speakers using a translator will have a time limit of six minutes. Any member of the public desiring to provide comments to the Board on an agenda item should do so at the time the item is considered. It is the policy of the Authority that oral comments be limited to three minutes per individual or ten minutes for an organization. Speaker's cards will be available in the Boardroom and are to be completed prior to speaking.)
- 4. Introductions (2 minutes)**
- 5. Board Meeting Minutes of December 19, 2016 and January 23, 2017 (2 minutes)**
(The Board will consider approving the minutes from the December 19, 2016 and January 23, 2107 Board meetings.)
- 6. Election of Officers**
(The Board will elect a Chair and Vice Chair for 2017)

Action
Pages 6 – 12

Action
Pages 13 – 14

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

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

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|---|--|
| Information and Discussion
Pages 17 – 25
Pages 26 – 35 | 7. Report from the Chair (10 minutes)
(The Chair will report on the following items.)
7.a Consultant Progress Reports
7.b Financial Reports |
| Information and Discussion
Pages 36 – 37 | 8. Board Information Requests (2 minutes)
(The Board will be provided with a brief update on their information requests.) |
| Action
Pages 38 – 42 | 9. Approval of City of American Canyon as a Title XVI Phase 2 Member Agency (5 minutes)
(The Board will consider approval of City of American Canyon as a Title XVI Phase 2 Member Agency.) |
| Action
Pages 43 – 46 | 10. FY2016/17 Budget – Amend to Include New Member Projects (10 minutes)
(The Board will consider the recommended FY 2016/17 Budget Amendment to include new member projects.) |
| Action
Pages 47 – 52 | 11. Consideration of Approval of the Phase 1 Reconciliation and Reassessment (10 minutes)
(The Board will consider approval of the Reconciliation and Reassessment of Costs for Phase 1 from FY 05/06 to FY 16/17.) |
| Information
Pages 53 – 63 | 12. Program Development, Federal, and State Advocacy Update (15 minutes)
(The Board will be updated on Program Development, Federal and State Advocacy activities.) |
| Information
Pages 64 – 68 | 13. Engineering, Environmental, and Public Involvement Services Report (5 minutes)
(The Board will be updated on Engineering, Environmental, and Public Involvement Services activities) |
| Information and Discussion
Pages 69 – 79 | 14. Review of NBWRA Title XVI Program Alternatives 1 and 2
(The Board will provide direction regarding Alternative 1 or 2 for preparation of the FY2017/18 Budget for consideration on May 22, 2017.) |
| Information and Discussion
Pages 80 – 96 | 15. New Water Management Program (15 minutes)
(The Board will be updated on and discuss a proposed New Water Management Program.) |
| Discussion
Pages 97 – 98 | 16. Items for Future Discussion and Action (5 minutes)
(The Board will consider items for future discussion and action.) |
| Information
Page 99 | 17. Comments from Chair and Board Members (5 minutes)
(The Chair and Board members may make brief announcements or reports on his or her own activities, pose questions for clarification, and/or request that items be placed on a future agenda. Except as authorized by law, no other discussion or action may be taken.) |
| Page 100 | 18. Adjournment (1 minute) |

Next Board Meeting
Monday, May 22, 2017, 9:30 A. M., Novato City Hall

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

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NBWRA Board Meeting

March 27, 2017



Today's Agenda

- 💧 Items 1-5: Meeting Business
- 💧 Item 6: Election of Officers
- 💧 Item 7: Report from the Chair
- 💧 Item 8: Board Information Requests
- 💧 Item 9: Approval of American Canyon as a Title XVI Phase 2 Member Agency
- 💧 Item 10: FY 2016/17 Budget – Amend to include New Member Projects
- 💧 Item 11: NBWRA Phase 1 Reconciliation and Reassessment
- 💧 Item 12: Program Development, Federal and State Advocacy
- 💧 Item 13: Engineering, Environmental Services and Public Outreach
- 💧 Item 14: NBWRA Title XVI Program Alternatives
- 💧 Item 15: New Water Management Program
- 💧 Item 16: Items for Future Discussion and Action
- 💧 Item 17: Comments from Chair and Board Members
- 💧 Item 18: Adjourn

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

1. Call to Order

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

2. Roll Call

PRESENT:	David Rabbitt, Chair	Sonoma County Water Agency
	Bill Long, Vice Chair	Novato Sanitary District
	Keith Caldwell	Napa County
	Rabi Elias	Las Gallinas Valley Sanitary District
	Jack Gibson	Marin Municipal Water District
	Jason Holley	City of American Canyon
	Pam Jeane	Sonoma Valley County Sanitation District
	Drew McIntyre	North Marin Water District
	Dan St. John	City of Petaluma
	Jill Techel	Napa Sanitation District

ABSENT: Marin County

OTHERS

PRESENT:	Chuck Weir, Program Manager	Weir Technical Services
	Kevin Booker	Sonoma County Water Agency
	Ginger Bryant	Bryant & Associates
	Jill Chamberlain	Brown and Caldwell
	Anne Crealock	Sonoma County Water Agency
	David Graves	Napa Sanitation District
	Sandeep Karkal	Novato Sanitary District
	Mark Millan	Data Instincts
	Phil Miller	Napa County
	Pilar Oñate-Quintana	The Oñate Group (by telephone)
	Mike Savage	Brown and Caldwell
	Brad Sherwood	Sonoma County Water Agency
	Jake Spaulding	Sonoma County Water Agency
	Dawn Taffler	Kennedy Jenks Consultants (by telephone)
	Leah Walker	City of Petaluma
	Mark Williams	Las Gallinas Valley Sanitary District

3. Public Comments

There were no comments from the public

4. Introductions

Introductions were not made.

5. Board Meeting Minutes of October 24, 2016.

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

6. Report from the Chair

a. Consultant Progress Reports

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

b. Financial Reports

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

c. Recognize Supervisor Keith Caldwell's Contributions

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

7. Board Information Requests

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

8. FY2016/17 Budget Amendments

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

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

9. Program Development, Federal, and State Advocacy Update

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

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

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

10. Engineering, Environmental, and Public Involvement Services Report

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

11. Items for Future Discussion and Action

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

12. Comments from Chair and Board Members

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

13. Adjournment

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

Minutes approved by the Board _____.

Charles V. Weir
Program Manager

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**North Bay Water Reuse Authority
Board of Directors Meeting
Minutes
January 23, 2017**

1. Call to Order

Note: Due to extreme weather conditions and road closures, this meeting was changed to a web meeting only. As a consequence, no action was taken on any items on the agenda. Items needing action will be continued to the March 27, 2017 meeting. Chair Rabbitt called the meeting to order at 9:35 a.m. on Monday, January 23, 2017. As noted previously, all attendees participated via telephone, 1 (602) 567-4030, access code 2231; and the internet at:

<https://Conferencing.brwnncald.com/conference/2231>

2. Roll Call

PRESENT:	David Rabbitt, Chair	Sonoma County Water Agency
	Bill Long, Vice Chair	Novato Sanitary District
	Rabi Elias	Las Gallinas Valley Sanitary District
	Susan Gorin	Sonoma Valley County Sanitation District
	Tim Healy	Napa Sanitation District
	Jason Holley	City of American Canyon
	Belia Ramos	Napa County
	John Schoonover	North Marin Water District
	Paul Sellier	Marin Municipal Water District
	Robert Wilson	City of Petaluma

ABSENT: Marin County

OTHERS

PRESENT:	Chuck Weir, Program Manager	Weir Technical Services
	Jack Baker	North Marin Water District
	Kevin Booker	Sonoma County Water Agency
	Ginger Bryant	Bryant & Associates
	Anne Crealock	Sonoma County Water Agency
	Grant Davis	Sonoma County Water Agency
	Chris DeGabrielle	North Marin Water District
	Brad Elliott	Sonoma County Water Agency
	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
	Mark Millan	Data Instincts
	Phil Miller	Napa County
	Pilar Oñate-Quintana	The Oñate Group
	Larry Russell	Marin Municipal Water District
	Mike Savage	Brown and Caldwell
	Brad Sherwood	Sonoma County Water Agency

Jake Spaulding
Dawn Taffler
Jeff Tucker
Rocky Vogler
Mark Williams

Sonoma County Water Agency
Kennedy Jenks Consultants
Napa Sanitation District
North Marin Water District
Las Gallinas Valley Sanitary District

3. Public Comments

There were no comments from the public

4. Introductions

Introductions were not made.

5. Board Meeting Minutes of December 19, 2016.

This item will be continued to the March 27, 2017 meeting.

6. Election of Officers

This item will be continued to the March 27, 2017 meeting

7. Report from the Chair

a. Consultant Progress Reports

The Board reviewed the consultant progress reports for December 2016.

b. Financial Reports

The Board reviewed the Financial Reports for the period ending December 31, 2016.

c. 2017 Meeting Dates

Meeting dates for 2017 include: January 23, March 27, May 22, August 28, October 23, and December 28. The last three dates are subject to approval of an FY2017/18 Budget. Outlook appointments will be sent for the March 27 and May 22 meetings.

8. Board Information Requests

Chair Rabbitt provided an update to the Membership Brochure development. The brochure will include: program information, costs on general membership and study and project funding. Its status is pending a resolution on Phase 2 participation and budget issues.

9. FY2016/17 – Amend to Include New Member Projects

This item will be continued to the March 27, 2017 meeting

10. Program Development, Federal, and State Advocacy Update

Ginger Bryant provided a summary of Program Development and Federal Advocacy, including Title XVI issues, new WaterSMART grant criteria, a summary of The Water Infrastructure Improvements for the Nation Act (WIIN). She also discussed the California Water Action Plan, which integrates innovations in conservation; storm water capture; recycling; desalination; and water transfers, diversions, conveyance, and storage. She also noted that next Washington D.C. trip is February 28 – March 2, 2017.

Pilar Oñate-Quintana provided a summary of State Advocacy activities. She noted that the State could face a \$1.6 billion budget deficit, although the Legislative Analyst's Office projected a

\$2.8 billion surplus. She also noted that the Governor has warned of potential cuts in federal funding. She highlighted the proposed 2017/18 State Budget as related to items of interest to NBWRA. The membership of key Senate and Assembly Committees was discussed. Key legislative issues for 2017 include: 2018 Water Bond or Water/Parks hybrid, WaterReuse efforts to modify statutory definitions for Direct Potable Reuse, State Board conservation plan efforts, and that Senator Herzberg will not pursue a bill on ocean discharge reduction. Instead, he plans on incentivizing recycled water development. Lastly she discussed plans for NBWRA Day at the State Capitol, currently scheduled for March 22, 2017.

11. Engineering, Environmental, and Public Involvement Services Report

Mike Savage reported that the Feasibility Study Report has been completed for current members and projects and the report has been uploaded to SharePoint. If new members opt to participate in Phase 2, the Feasibility Study Report will need to be updated and the scope of the EIR/EIS will need to be modified. Mark Millan discussed preparation of materials for the upcoming D.C. trip and the NBWRA brochure update.

12. NBWRA Alternatives and Moving Forward

Ginger Bryant, Mike Savage, and Jake Spaulding discussed alternatives and moving forward. Alternative 1 is a basic Title XVI program and would discontinue program development, federal and state advocacy, and public outreach associated with advocacy. Alternative 2 is similar to Alternative 1, but would maintain limited Title XVI services for program development, federal and state advocacy, and public outreach to support advocacy. Impacts on the FY2017/18 budget were discussed for each alternative. In each case, the September 2016 cost allocation method would be applied. Member agencies were asked to discuss this information with their boards and be prepared to select Alternative 1 or 2 at the March 27, 2017 meeting for final budget preparation. The FY2017/18 Budget will be considered for approval at the May 22, 2017 meeting.

In terms of moving forward, an outline for a New Water Management Program was discussed. This program would continue the regional approach, seek project funding, continue the current economies of scale, and would support agencies in implementing their own projects. The program would transition to a “one water” approach in state and federal policy and funding. Features of the new program would include: maximizing use of recycled water; surface, storage, and groundwater projects; stormwater capture management; drought and climate issues; watersheds basin studies; and drought contingency plans. A proposed budget for the Water Management Program was also discussed. Next steps would include: development of a membership outreach brochure, further development of budget information and outreach to new members, and working with SCWA on basin study and drought contingency plans. Additional information will be presented at the March 27, 2017 meeting.

Meeting participants were interested in the discussion, asked pertinent questions, and requested information that could be used in discussions with their Boards and Councils.

13. Items for Future Discussion and Action

All continued items from this meeting will be considered at the March 27, 2017 meeting. This will include a selection of the preferred Title XVI program for the FY2017/18 Budget. Discussion on the Water Management Program will continue.

14. Comments from Chair and Board Members

There were no additional comments.

15. Adjournment

Chair Rabbitt adjourned the meeting at 10:59 a.m. The next meeting will be Monday, March 27, 2017 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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Election of Officers

Item 6



Election of Officers

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

Report from the Chair

Item 7



NBWRA Reports

- See Packet for
 - Consultant Activity Reports
 - Financial Report

**North Bay Water Reuse Authority
Program Development, Federal and State Advocacy
January 2017 Activity Summary's**

Bryant & Associates ~ Program Development

- Participated in Program Management, Federal and State Advocacy Management Call
- Prepared information for and participated in January Board meeting
- Worked with team on American Canyon membership
- Activities in coordination with The Ferguson Group:
 - Preparation for Washington DC Meetings Feb 28 – Mar 2

The Ferguson Group ~ Federal Advocacy

- **115th Congress and Transition from the Obama Administration to the Trump Administration.**—TFG worked to ensure that North Bay was aware of the many changes in priorities in Congress and the new, incoming Trump Administration. In addition, the last days of the Obama Administration were busy as well, as the outgoing administration took steps to accelerate rules, regulations, and grant announcements, including an announcement of the availability of funding, for the first time, under the Water Infrastructure Finance and Innovation Act (WIFIA).
- **Drought Legislation.**—TFG began work on implementation of the federal drought relief legislation adopted as part of the “Water Infrastructure Improvements for the Nation (WIIN) Act” ([S. 612](#)). Among other things, the WIIN Act included \$50 million to support the construction of currently unauthorized water reuse and recycling projects, authorized \$100 million for WaterSMART and created an opportunity for Water Infrastructure Finance and Innovation Act (WIFIA) assistance (long-term, low-cost financing) to be made available for not only water recycling projects, but to projects that provide “**alternative water supplies to reduce aquifer depletion**” and projects that “**prevent, reduce, or mitigate the effects of drought, including projects that enhance the resilience of drought-stricken watersheds.**” All elements of Phase 2 should be eligible for low-cost, long-term financing under EPA’s newly expanded WIFIA program.
- **Phase 2 Authorization.**—Work continued on options to address the Phase 2 authorization ambiguities. TFG had a follow up meeting with the solicitor to the Department of the Interior’s Assistant Secretary for Water and Science about the American Law Division opinion on the Phase 2 authorization. The solicitor’s office is still reviewing the American Law Division opinion; a final decision on the Phase 2 authorization is expected soon.
- **Fiscal Year 2017 and 2018 Appropriations.**—TFG held meetings with House and Senate staff and Reclamation regarding issues associated with FY 2017 and FY 2018 spending for water reuse/recycling, WaterSMART grants under the Bureau of Reclamation and Trump Administration plans for advancing federal support for non-federal infrastructure, including water resources infrastructure.
- **H.R. 434, the New Water Act.**—TFG worked with the Office of Rep. Denham to advance the New Water Act, H.R. 434, introduced by Rep. Jeff Denham. The bill represents a refinement of the proposals introduced last year that sought to grant authority to the Secretary of the Interior to set up a loan program for long-term, low interest loans for water infrastructure investments of all kinds.

The Onate Group ~ State Advocacy

- Participated in WaterReuse calls/other communications pertaining to anticipated WaterReuse-sponsored legislation on DPR.
- Participated in WaterReuse January legislative committee meeting and attended ACWA legislative committee meeting.
- Continued initial planning with NBWRA consultants/staff/leadership regarding NBWRA legislative/Capitol meetings on NBWRA day March 22.
- Prepared state advocacy presentation information for January Board meeting and provided verbal update during January meeting.

North Bay Water Reuse Authority
Program Development, Federal and State Advocacy
February 2017 Activity Summary's

Bryant & Associates ~ Program Development

- Participated in Program Management, Federal and State Advocacy Management Call
- Started preparation of materials for March Board meeting
- Coordinated with Pilar Onate-Quintana re NBWRA Capitol Day
- Coordinated with Supervisor Rabbitt and Pilar Onate-Quintana re: Petaluma state funding
- Worked on meeting schedule and updated materials for Washington DC trip
- Activities in coordination with The Ferguson Group:
 - Participated in Washington DC Meetings Feb 28 – Mar 2

The Ferguson Group ~ Federal Advocacy

- **Washington, DC North Bay Water Reuse Authority Meetings.**—TFG worked in February to prepare for the Washington meetings scheduled for March 1st and 2nd. North Bay is scheduled to hold meetings with ten different congressional and federal agency offices, including a meetings the Bureau of Reclamation, the Environmental Protection Agency, the Council of Environmental Quality and the Office of Management and Budget.
- **115th Congress and Executive Branch Transition.**—TFG worked continued to keep North Bay aware of the many changes in priorities in Congress and the new, incoming Trump Administration.
- **Drought Legislation.**—TFG continued work on implementation of the federal drought relief legislation adopted as part of the “Water Infrastructure Improvements for the Nation (WIIN) Act” ([S. 612](#)). Among other things, the WIIN Act included \$50 million to support the construction of currently unauthorized water reuse and recycling projects, which creates a clear opportunity for funding Phase 2 of the North Bay program.
- **Phase 2 Authorization.**—Work continued on options to address the Phase 2 authorization ambiguities. Meetings were held with DOI official regarding the issue in preparation for the North Bay meeting with BOR/DOI.
- **Fiscal Year 2017 and 2018 Appropriations.**—TFG continued to hold meetings with House and Senate staff and Reclamation regarding issues associated with FY 2017 and FY 2018 spending for water reuse/recycling, WaterSMART grants under the Bureau of Reclamation and Trump Administration plans for advancing federal support for non-federal infrastructure, including water resources infrastructure.
- **H.R. 434, the New Water Act, and other Federal Infrastructure Proposals.**—TFG worked with the Office of Rep. Denham to advance the New Water Act, H.R. 434, introduced by Rep. Jeff Denham. The bill represents a refinement of the proposals introduced last year that sought to grant authority to the Secretary of the Interior to set up a loan program for long-term, low interest loans for water infrastructure investments of all kinds. TFG also worked with other offices as well to explore additional proposals for providing needed federal assistance for water infrastructure projects.

The Onate Group ~ State Advocacy

- Participated in WateReuse calls/other communications pertaining to WateReuse-sponsored legislation.
- Continued planning, meeting target outreach and Board/TAC member outreach for March 22 NBWRA day in Sacramento.
- Responded to immediate city of Petaluma concerns re: SWRCB grant issues. Participated in call with NBWRA chair and staff. Worked to gain key information from city, gain Senator Dodd assistance, coordinated Petaluma/SWRCB meeting on short notice with Senator Dodd's office, etc.
- Participated in ACWA lobby meetings and legislative committee meeting.
- Monitored ACWA development of language re: long-term conservation/impacts on recycled water projects.



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

ACTIVITIES: JANUARY 6, 2017 THROUGH JANUARY 31, 2017

TASK 1 WORKSHOPS/PUBLIC OUTREACH/MGT

1.1 Workshops

- Meeting for Program review and review of BC Team costs with SCWA staff & NBWRA Board Chairman.
- Conference calls, meetings, and materials preparation for January 23, 2017 Board meeting.
- Presentation developed regarding calculations, analysis and summaries of Program Alternatives, New Water Management, and or inclusion of new agencies.
- Attendance at January 23, 2017 Board meeting.
- Communication with d American Canyon regarding potential addition to Phase 2 of the NBWRP.

1.3 Public Involvement

- Phone calls with project team members for collaboration on preparation of upcoming Board Workshop and Meetings.
- Assisted in preparing information for new Water Management Program.
- Prepared for and participated on 1/23 Board conference call meeting.
- Updating and maintaining relevant program content and news articles on project web site.
- Provide project information to Board members as requested.

1.4 Administration

- Performed project invoicing and developed activities report.
- Develop contract amendments for subconsultants GTC and Kennedy Jenks.

TASK 2 TITLE XVI FEASIBILITY STUDY/REPORT

- Review materials on American Canyon and MMWD recycled water projects
- Review updates to feasibility study report to address new agencies.

Activities cover the following subtasks:

- Task 2.4 Analysis of Alternatives.

TASK 3 ENVIRONMENTAL EVALUATION

3.1 Environmental Constraints Analysis

- No Activity

3.2 Environmental Compliance – NEPA/CEQA

- No Activity

TASK 4 FINANCIAL CAPABILITIES DETERMINATION

- No Activity

TASK 5 PHASE 2 GRANT APPLICATION AND MANAGEMENT

- 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

- No Activity

Additional Services

- No Activity



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

ACTIVITIES: FEBRUARY 1, 2017 THROUGH FEBRUARY 23, 2017

TASK 1 WORKSHOPS/PUBLIC OUTREACH/MGT

1.1 Workshops

- Develop agenda and prepare draft presentation materials for March Board meeting.
- Communication with American Canyon regarding potential addition to Phase 2 of the NBWRP

1.3 Public Involvement

- Provided support to Onate Group to address engineering issues on proposed state legislation
- Phone calls with project team members for collaboration on preparation of upcoming Board Workshop and Meetings.
- Updating and maintaining relevant program content and news articles on project web site.
- Coordinate contemporary update to NBWRP website.
- Prepare and distribute press release on 2/13/17: NBWRA One of Five Recycled Water Projects Prioritized in State for Funding
- Prepare drafts and final layouts for Winter/Spring 2017 NBWRA update & Next Steps Flyer for Chair Rabbitt's DC trip and March 22 SAC Legislative Day.
- .

1.4 Administration

- Performed project invoicing and developed activities report
- Finalize contract amendments for subconsultants GTC and Kennedy Jenks

TASK 2 TITLE XVI FEASIBILITY STUDY/REPORT

- Review and comment on materials on American Canyon addition to Phase 2
- Review updates to feasibility study report to address new agencies.
- Review Title XVI project costs
- Reorganization and cleanup of project files and documentation

TASK 3 ENVIRONMENTAL EVALUATION

3.1 Environmental Constraints Analysis

- No Activity

3.2 Environmental Compliance – NEPA/CEQA

- No Activity

TASK 4 FINANCIAL CAPABILITIES DETERMINATION

- No Activity

TASK 5 PHASE 2 GRANT APPLICATION AND MANAGEMENT

- Reviewed current status of Program and costs

TASK 6 PHASE 1 SERVICES

6.1 Program Support and Coordination

- No Activity

6.2 State Grant Support

- No Activity

6.3 Federal Grant Support

- No Activity

Additional Services

- No Activity

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

Sonoma County Water Agency Order Number 7630A1

January 2017 Progress Report

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

- Revised December 19, 2016 minutes based on comments received.
- Drafted January 23, 2017 Board agenda and sent to Chair for review
- Prepared and distributed January 23, 2017 Board agenda packet.
- Distributed notice that January 23, 2017 Board meeting would be a web conference only meeting due to weather and road conditions.
- Propped for and participated in January 23, 2017 Board web conference meeting.
- Email communication with member agencies regarding Board appointments
- Reviewed news articles distributed by consultant team members.
- Updated distribution lists.

2.2 Task 2: Financial Management

- Updated consultant cost tracking worksheet.
- Reviewed budget alternatives for moving forward.

2.3 Task 3: Project Support and Review

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

2.4 Task 4: Program Planning

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

2.5 Task 5: Governance Issues

- Email communication regarding City of American Canyon joining as a Regular Member for Phase 2.

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

February 2017 Progress Report

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

- Email review and response with Agency regarding handling of Form 700s.
- Email communication regarding list of shovel ready projects for federal funding.
- Email communication regarding 2017 meeting schedule. Distributed Outlook appointments for March and May meetings.
- Email communication regarding distribution of materials from January meeting regarding cost allocations and moving forward with potential new program.
- Reviewed news articles from consultant team.
- Updated distribution lists.

2.2 Task 2: Financial Management

- Reviewed cost allocation models for FY2017/18.

2.3 Task 3: Project Support and Review

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

2.4 Task 4: Program Planning

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

2.5 Task 5: Governance Issues

- Email communication with City of American Canyon, Agency, and consultants regarding the City's participation in Phase 2. Reviewed and commented on various documents from the City and consultants.

North Bay Water Reuse Authority

March 24, 2017

Consultant Cost Tracking

Fiscal Year 2014/15 through Fiscal Year 2016/17

Only FY2014/15 and FY2015/16 have been approved	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	FY14/15 Final	FY15/16 Final	FY16/17 YTD	3 FY Total	Amount Remaining	Percent Remaining	Approved 5/19/14	Approved 4/27/15	Approved 4/25/16	Proposed
Phase 1 Support														FY2014/15	FY2015/16	FY2016/17	3-Year Total
Grant Applications and Management - CDM Smith								20,122	-	-	20,122	49,682	39.75%	125,000	-	-	-
Grant Applications and Management - B&C								36,495	72,241	6,018	114,754	82,865	41.93%	72,628	77,998	46,993	197,619
Program Development (40% of \$190,200 total) - Bryant	6,043	6,007	6,959					81,743	76,346	50,936	209,026	19,214	8.42%	76,080	76,080	76,080	228,240
Federal Advocacy (30% of \$88,000 total) - TFG sub to Bryant	2,570	2,688	2,572					27,979	32,042	21,673	81,695	45,505	35.77%	26,400	50,400	50,400	127,200
Total Costs for Phase 1 Support	8,613	8,695	9,531	-	-	-	-	166,340	180,629	78,628	425,597	147,584	26.69%	175,108	204,478	173,473	553,059

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

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

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

Phase 2 Support														FY2014/15	FY2015/16	FY2016/17	3-Year Total
Program Development (60% of \$190,200 total) - Bryant	9,064	9,010	10,438					112,885	114,519	76,405	303,808	38,552	11.26%	114,120	114,120	114,120	342,360
Federal Advocacy (70% of \$88,000 total) - TFG sub to Bryant	5,998	6,272	6,001					59,228	74,765	49,551	183,544	25,256	12.10%	61,600	85,600	61,600	208,800
Total Costs for Phase 2 Support	15,062	15,282	16,440	-	-	-	-	172,112	189,284	125,956	487,352	63,808	11.58%	175,720	199,720	175,720	551,160

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

Phase 2 Feasibility Study - Three Years														FY2014/15	FY2015/16	FY2016/17	3-Year Total
Engineering, Environmental, and Outreach Services - B&C	33,728	25,080	18,399					460,660	874,799	278,306	1,613,765	1,180,995	42.26%	823,335	907,636	1,063,789	2,794,760
SCWA Administration, Grants, and EIR/EIS	7,465	5,902	8,713					32,013	41,447	58,385	131,845	268,155	20.43%	116,836	132,205	150,958	400,000
Total Costs for Study	41,192	30,982	27,112	-	-	-	-	492,673	916,245	336,691	1,408,919	1,785,841	58.67%	940,171	1,039,841	1,214,747	3,194,760
Total Costs for Phase 2	56,254	46,264	43,552	-	-	-	-	664,786	1,105,530	462,647	2,232,962	122,491	5.20%	1,115,891	1,239,561	1,390,467	3,745,920

Joint Use														FY2014/15	FY2015/16	FY2016/17	3-Year Total
Program Management - Weir	2,955	2,906	720					46,917	51,582	27,521	126,020	95,480	43.11%	70,500	75,500	75,500	221,500
State Advocacy - The Onate Group (Sub to Bryant)	3,700	3,700	3,700					36,000	36,000	29,600	101,600	14,800	12.71%	36,000	36,000	44,400	116,400
SCWA Administration	2,011	10,616	2,034					73,702	152,302	50,194	276,198	128,802	40.97%	135,000	135,000	135,000	405,000
Total Costs for Joint Use	8,665	17,222	6,454	-	-	-	-	156,619	239,884	107,315	503,818	239,082	44.91%	241,500	246,500	254,900	742,900

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

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

Total Costs														FY2014/15	FY2015/16	FY2016/17	3-Year Total
Weir	2,955	2,906	720	-	-	-	-	46,917	51,582	27,521	126,020	95,480	43.11%	70,500	75,500	75,500	221,500
Bryant & Associates	27,375	27,677	29,670	-	-	-	-	308,725	333,672	228,165	870,563	152,437	14.90%	314,200	362,200	346,600	1,023,000
Brown & Caldwell	33,728	25,080	18,399	-	-	-	-	494,736	947,040	284,324	1,726,100	1,266,279	42.32%	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	9,475	16,518	10,747	-	-	-	-	105,715	193,749	90,639	390,102	414,898	51.54%	251,836	267,205	285,958	805,000
Total Costs for NBWRA	73,533	72,181	59,537	-	-	-	-	956,093	1,526,043		2,482,136	1,929,094	38.26%	1,532,499	1,690,539	1,818,840	5,041,879

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

North Bay Water Reuse Authority
Monthly Project Cost Summary
as of March 27, 2017

TOTAL FY 16/17 PROJECT COSTS

Project	Consultant	Original Budget	Amend	Revised Budget	Original Contract	Amend	Total Contract	Uncommitted	Total Expenses	Remaining	% Avail.
Program Management	Weir Technical Services	133,650	(37,750)	95,900	133,650	-	133,650	(37,750)	23,895	109,755	82.1%
Planning, Engineering and Funding Management	B&C	1,569,404	-	1,569,404	1,517,532	-	1,517,532	51,872	265,925	1,251,607	82.5%
Program Development and Federal Funding	Bryant & Associates	342,361	-	342,361	318,361	-	318,361	24,000	198,315	120,046	37.7%
SCWA Administration	SCWA	518,483	(150,479)	368,004	518,483	(150,479)	368,004	-	116,998	251,006	68.2%
TOTAL BUDGET		\$ 2,563,898	\$ (188,229)	\$ 2,375,669	\$ 2,488,026	\$ (150,479)	\$ 2,337,547	\$ 38,122	\$ 605,132	\$ 1,732,415	74.1%

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

1. Carryover from FY15/16 included

FY14/15 & 15/16 Agreement Rollovers

Project	Consultant	Original Budget	Amend	Carryover	Original Contract (remaining)	Amend	Total Contract	Uncommitted	Total Expenses	Remaining	% Avail.
Program Management (Joint Use)	Weir	58,150	-	58,150	58,150	-	58,150	-	23,895	34,255	58.9%
Planning, Engineering and Funding Management PHASE 1	B&C	20,309	-	20,309	20,309	-	20,309	-	6,018	14,291	70.4%
Planning, Engineering and Funding Management PHASE 2	B&C	386,441	-	386,441	386,441	-	386,441	-	259,907	126,534	32.7%
Program Development and Federal Funding PHASE 1	Bryant & Associates	(4,683)	-	(4,683)	(4,683)	-	(4,683)	-	-	(4,683)	100.0%
Program Development and Federal Funding PHASE 2	Bryant & Associates	8,844	-	8,844	8,844	-	8,844	-	-	8,844	100.0%
SCWA Administration Phase 2	SCWA	186,483	-	186,483	186,483	-	186,483	-	63,870	122,613	65.8%
SCWA Administration Joint Use	SCWA	46,042	-	46,042	46,042	-	46,042	-	46,042	-	0.0%
TOTAL BUDGET		\$ 701,586	\$ -	\$ 701,586	\$ 701,586	\$ -	\$ 701,586	\$ -	\$ 399,731	\$ 301,855	43.02%

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

Phase 1

Project	Consultant	Original Budget	Amend	Revised Budget	Original Contract	Amend	Total Contract	Uncommitted	Total Expenses	Remaining	% Avail.
Grant Applications and Management	B&C	46,993	-	46,993	46,993	-	46,993	-	-	46,993	100.0%
Program Development & Federal Advocacy	Bryant & Associates	102,480	-	102,480	102,480	-	102,480	-	62,719	39,761	38.8%
TOTAL BUDGET		\$ 149,473	\$ -	\$ 149,473	\$ 149,473	\$ -	\$ 149,473	\$ -	\$ 62,719	\$ 86,754	58.04%

Phase 2

Project	Consultant	Original Budget	Amend	Revised Budget	Original Contract	Amend	Total Contract	Uncommitted	Total Expenses	Remaining	% Avail.
Engineering, Environmental, and Outreach Services	B&C	1,115,661	-	1,115,661	1,063,789	-	1,063,789	51,872	-	1,063,789	100.0%
Program Development & Federal Advocacy	Bryant & Associates	199,720	-	199,720	175,720	-	175,720	24,000	109,696	66,024	37.6%
Administration - Grants and EIR/EIS	SCWA	150,958	(75,479)	75,479	150,958	(75,479)	75,479	-	-	75,479	100.0%
TOTAL BUDGET		\$ 1,466,339	\$ (75,479)	\$ 1,390,860	\$ 1,390,467	\$ (75,479)	\$ 1,314,988	\$ 75,872	\$ 109,696	\$ 1,205,292	91.66%

Joint Use

Project	Consultant	Original Budget	Amend	Revised Budget	Original Contract	Amend	Total Contract	Uncommitted	Total Expenses	Remaining	% Avail.
Program Management	Weir	75,500	(37,750)	37,750	75,500	-	75,500	(37,750)	-	75,500	100.0%
State Funding / State Outreach	Bryant & Associates	36,000	8,400	44,400	36,000	-	36,000	8,400	25,900	10,100	28.1%
Admin Agency Services	SCWA	135,000	(75,000)	60,000	135,000	(75,000)	60,000	-	7,086	52,914	88.2%
TOTAL BUDGET		\$ 246,500	\$ (104,350)	\$ 142,150	\$ 246,500	\$ (75,000)	\$ 171,500	\$ (29,350)	\$ 32,986	\$ 138,514	80.77%

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

2016/17 Budget Allocations

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

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

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

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

Notes:

\$1 added/subtracted to correct rounding issues

North Bay Water Reuse Authority
July 1, 2016 to Date Transaction Summary
as of March 27, 2017
PHASE 1

Item No. 7.b

Date	Description	Amount	
	Beginning Balance	112,416.92	b
7/28/2016	LGVSD - Phase I Fee (WTRN-20)	5,410.00	d
9/12/2016	County of Napa - Phase I Fee (WTRN - 18)	2,669.00	d
7/28/2016	Napa San - Phase I Fee (WTRN-17)	23,838.00	d
7/27/2016	NMWD - Phase I Fee (WTRN-19)	13,184.00	d
8/23/2016	SCWA - Phase I Fee (WTRN-21)	2,669.00	d
7/28/2016	Novato San - Phase I Fee (WTRN-16)	6,436.00	d
8/23/2016	SVCSD - Phase I Fee (WTRN-22)	20,532.00	d
8/24/2016	Bryant & Associates July 2016	(8,675.87)	p ba3
9/15/2016	Bryant & Associates August 2016	(8,603.77)	p ba3
9/16/2016	Brown & Caldwell Invoice 11273606	(258.00)	p bc2
10/12/2016	Bryant & Associates September 2016	(9,784.86)	p ba3
11/14/2016	Bryant & Associates October 2016	(8,735.16)	p ba3
1/18/2017	Bryant & Associates November 2016	(9,611.42)	p ba3
1/27/2017	Bryant & Associates December 2016	(8,613.08)	p ba3
1/31/2017	Brown & Caldwell Invoice 11280312	(5,184.00)	p bc2
1/31/2017	Brown & Caldwell Invoice 11281805	(576.00)	p bc2
3/14/2017	Bryant & Associates January 2017	(8,694.75)	p ba3
Current NBWRA Balance		118,418.01	
PENDING			
	Bryant & Associates Correction	7,200.00	ba2
	Bryant & Associates February 2017	(9,530.78)	ba3
Projected Balance		118,418.01	

NBWRA Reconciliation		
Beginning Balance	112,416.92	b
Deposits	74,738.00	d
Interest Earnings	-	i
Payments	(68,736.91)	p
	<u>118,418.01</u>	

Las Galinas	Napa	Novato	SVCSD	SCWA	Napa County	North Marin Water Dist.
4,562.59	37,338.88	6,394.06	31,452.01	4,749.72	4,603.75	23,315.91
5,410.00					2,669.00	
	23,838.00					
				2,669.00		13,184.00
		6,436.00				
			20,532.00			
(628.03)	(2,767.12)	(747.09)	(2,383.51)	(309.85)	(309.85)	(1,530.42)
(622.81)	(2,744.12)	(740.88)	(2,363.70)	(307.28)	(307.28)	(1,517.70)
(18.68)	(82.29)	(22.22)	(70.88)	(9.21)	(9.21)	(45.51)
(708.31)	(3,120.82)	(842.58)	(2,688.18)	(349.46)	(349.46)	(1,726.04)
(632.32)	(2,786.03)	(752.19)	(2,399.80)	(311.97)	(311.97)	(1,540.88)
(695.76)	(3,065.51)	(827.65)	(2,640.53)	(343.27)	(343.27)	(1,695.45)
(623.49)	(2,747.09)	(741.68)	(2,366.26)	(307.61)	(307.61)	(1,519.34)
(375.26)	(1,653.41)	(446.40)	(1,424.19)	(185.14)	(185.14)	(914.45)
(41.70)	(183.71)	(49.60)	(158.24)	(20.57)	(20.57)	(101.61)
(629.40)	(2,773.14)	(748.71)	(2,388.69)	(310.53)	(310.53)	(1,533.75)
4,996.83	39,253.64	6,911.05	33,100.04	4,963.83	4,817.86	24,374.76
521.20	2,296.40	620.00	1,978.04	257.14	257.14	1,270.08
(689.92)	(3,039.79)	(820.71)	(2,618.38)	(340.39)	(340.39)	(1,681.22)
4,996.83	39,253.64	6,911.05	33,100.04	4,963.83	4,817.86	24,374.76
LG	Napa	Nov	SV	SCWA	Napa County	North Marin
4.22%	33.15%	5.84%	27.95%	4.19%	4.07%	20.58%
4,562.59	37,338.88	6,394.06	31,452.01	4,749.72	4,603.75	23,315.91
5,410.00	23,838.00	6,436.00	20,532.00	2,669.00	2,669.00	13,184.00
-	-	-	-	-	-	-
(4,975.76)	(21,923.24)	(5,919.01)	(18,883.97)	(2,454.89)	(2,454.89)	(12,125.15)
4,996.83	39,253.64	6,911.05	33,100.04	4,963.83	4,817.86	24,374.76

NBWRA Obligations						
Vendor	Encumbrances		Paid to date	Adjustments	Balance	% Spent
B&C FY15/16	20,309.01	bc2	6,018.00	-	14,291.01	30%
B&C FY16/17	46,993.00	bc3	-	-	46,993.00	0%
Bryant & Associates FY15/16	(4,683.21)	ba2	-	-	(4,683.21)	0%
Bryant & Associates FY16/17	102,480.00	ba3	62,718.91	-	39,761.09	61%
Total	165,098.80		68,736.91	-	96,361.89	
	Unencumbered		Spent	Misc.	Balance	% Spent
Admin Agency Services	-	a	-	-	-	#DIV/0!
Contingency	-		-	-	-	#DIV/0!
Total	-		-	-	-	
Miscellaneous Expenses		m	-			
	Scheduled costs		Expenses	Adjustments	Balance	% Spent
Total	165,098.80		68,736.91		96,361.89	42%

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

North Bay Water Reuse Authority
July 1, 2016 to Date Transaction Summary
as of March 27, 2017
PHASE 2

Item No. 7.b

Date	Description	Amount			Las Galinas	Napa	Novato	SVCS	SCWA	City of Petaluma	Marin Muni Water Dist.	
	Beginning Balance	1,045,700.19	b		647.63	367,010.05	278,448.23	41,371.53	113,988.04	243,587.08	647.63	
7/28/2016	Napa San - Phase II Fee (WTRN-17)	244,637.00	d			244,637.00						
8/23/2016	SCWA - Phase II Fee (WTRN-21)	75,683.00	d						75,683.00			
7/28/2016	Novato San - Phase II Fee (WTRN-16)	185,501.00	d				185,501.00					
8/22/2016	Petaluma - Phase II Fee (WTRN-14)	162,222.00	d							162,222.00		
8/23/2016	SVCS - Phase II Fee (WTRN-22)	27,194.00	d					27,194.00				
8/24/2016	Bryant & Associates July 2016	(15,173.35)	p	ba3	-	(5,339.15)	(4,048.50)	(593.49)	(1,651.75)	(3,540.45)		
8/26/2016	Salary/Assn Chgs Applied	(8,820.21)	p	a2	-	(3,103.63)	(2,353.38)	(344.99)	(960.16)	(2,058.05)		
9/13/2016	Salary/Assn Chgs Applied	(9,086.06)	p	a2	-	(3,197.17)	(2,424.31)	(355.39)	(989.10)	(2,120.08)		
9/13/2016	Equipment Usage Charges	(34.40)	p	a2	-	(12.10)	(9.18)	(1.35)	(3.74)	(8.03)		
9/15/2016	Bryant & Associates August 2016	(15,040.93)	p	ba3	-	(5,292.56)	(4,013.17)	(588.31)	(1,637.34)	(3,509.55)	-	
9/16/2016	Brown & Caldwell Invoice 11273606	(33,669.27)	p	bc2	-	(11,847.44)	(8,983.53)	(1,316.94)	(3,665.20)	(7,856.16)	-	
10/7/2016	Salary/Assn Chgs Applied	(5,185.67)	p	a2	-	(1,824.72)	(1,383.62)	(202.83)	(564.51)	(1,209.99)		
10/12/2016	Brown & Caldwell Invoice 11275196	(38,874.30)	p	bc2	-	(13,678.97)	(10,372.32)	(1,520.53)	(4,231.81)	(9,070.67)	-	
10/12/2016	Bryant & Associates September 2016	(16,813.70)	p	ba3	-	(5,916.35)	(4,486.18)	(657.65)	(1,830.32)	(3,923.20)		
10/20/2016	Salary/Assn Chgs Applied	(9,413.19)	p	a2	-	(3,312.28)	(2,511.60)	(368.19)	(1,024.71)	(2,196.41)		
11/4/2016	Salary/Assn Chgs Applied N4	572.05	p	a2	-	201.29	152.63	22.38	62.27	133.48		
11/4/2016	Salary/Assn Chgs Applied N5	(1,109.15)	p	a2	-	(390.28)	(295.94)	(43.38)	(120.74)	(258.80)		
11/14/2016	Bryant & Associates October 2016	(15,241.65)	p	ba3	-	(5,363.18)	(4,066.73)	(596.16)	(1,659.19)	(3,556.39)		
11/23/2016	Salary/Assn Chgs Applied N4	(3,229.63)	p	a2	-	(1,136.43)	(861.72)	(126.32)	(351.57)	(753.58)		
12/1/2016	Salary/Assn Chgs Applied N4	(4,809.42)	p	a2	-	(1,692.32)	(1,283.23)	(188.12)	(523.55)	(1,122.20)		
12/16/2016	Salary/Assn Chgs Applied N4	(2,646.72)	p	a2	-	(931.32)	(706.19)	(103.52)	(288.12)	(617.57)		
12/16/2016	Equipment Usage Charges N4	(8.60)	p	a2	-	(3.03)	(2.29)	(0.34)	(0.94)	(2.01)		
1/4/2017	Equipment Usage Charges N2	(17.20)	p	a2	-	(6.05)	(4.59)	(0.67)	(1.87)	(4.01)		
1/4/2017	Salary/Assn Chgs Applied N4	(3,961.77)	p	a2	-	(1,394.06)	(1,057.07)	(154.96)	(431.27)	(924.41)		
1/13/2017	Salary/Assn Chgs Applied N4	(1,040.59)	p	a2	-	(366.16)	(277.65)	(40.70)	(113.28)	(242.80)		
1/18/2017	Bryant & Associates November 2016	(17,082.55)	p	ba3	-	(6,010.95)	(4,557.91)	(668.17)	(1,859.59)	(3,985.93)		
1/27/2017	Bryant & Associates December 2016	(15,061.65)	p	ba3	-	(5,299.85)	(4,018.70)	(589.12)	(1,639.59)	(3,514.39)		
1/27/2017	Salary/Assn Chgs Applied N2	(257.59)	p	a2	-	(90.64)	(68.73)	(10.08)	(28.04)	(60.10)		
1/27/2017	Salary/Assn Chgs Applied N4	(624.44)	p	a2	-	(219.73)	(166.61)	(24.42)	(67.98)	(145.70)		
1/31/2017	Brown & Caldwell Invoice 11277970	(47,548.46)	p	bc2	-	(16,731.20)	(12,686.73)	(1,859.82)	(5,176.07)	(11,094.64)		
1/31/2017	Brown & Caldwell Invoice 11280312	(36,242.26)	p	bc2	-	(12,752.81)	(9,670.04)	(1,417.58)	(3,945.29)	(8,456.53)		
1/31/2017	Brown & Caldwell Invoice 11281805	(44,764.48)	p	bc2	-	(15,751.59)	(11,943.92)	(1,750.92)	(4,873.01)	(10,445.05)		
2/15/2017	Salary/Assn Chgs Applied N2	(2,576.16)	p	a2	-	(906.49)	(687.36)	(100.76)	(280.44)	(601.10)		
2/15/2017	Salary/Assn Chgs Applied N4	(4,616.89)	p	a2	-	(1,624.58)	(1,231.86)	(180.59)	(502.59)	(1,077.27)		
2/21/2017	Brown & Caldwell Invoice 11284394	(33,727.54)	p	bc2	-	(11,867.94)	(8,999.07)	(1,319.22)	(3,671.54)	(7,869.76)		
2/24/2017	Salary/Assn Chgs Applied N4	(1,513.91)	p	a2	-	(532.71)	(403.94)	(59.22)	(164.80)	(353.25)		
2/28/2017	Xteles Corporation	(5.70)	p	a2	-	(2.01)	(1.52)	(0.22)	(0.62)	(1.33)		
3/14/2017	Brown & Caldwell Invoice 11285897	(25,080.34)	p	bc2	-	(8,825.19)	(6,691.86)	(981.00)	(2,730.22)	(5,852.08)		
3/14/2017	Bryant & Associates January 2017	(15,282.20)	p	ba3	-	(5,377.45)	(4,077.55)	(597.75)	(1,663.60)	(3,565.85)		
3/14/2017	Salary/Assn Chgs Applied N4	(5,484.85)	p	a2	-	(1,929.99)	(1,463.45)	(214.54)	(597.07)	(1,279.80)		
					-	-	-	-	-	-		
Current NBWRA Balance		1,307,464.41			647.63	459,118.00	348,291.40	51,610.63	142,483.69	304,665.43	647.63	
PENDING												
	Bryant & Associates Correction	(7,200.00)		ba2	-	(2,533.51)	(1,921.08)	(281.62)	(783.78)	(1,680.00)	-	
	Bryant & Associates February 2017	(16,439.53)		ba3	-	(5,784.69)	(4,386.34)	(643.02)	(1,789.59)	(3,835.89)	-	
	Brown & Caldwell Invoice 11287559	(18,399.39)			-	(6,474.32)	(4,909.27)	(719.68)	(2,002.94)	(4,293.19)	-	
					-	-	-	-	-	-		
Projected Balance		1,265,425.49			647.63	444,325.48	337,074.71	49,966.31	137,907.38	294,856.35	647.63	
					LG	Napa	Nov	SV	SCWA	Petaluma	MMWD	
						0.050%	35.115%	26.639%	3.947%	10.898%	23.302%	0.050%
NBWRA Reconciliation												
Beginning Balance						1,045,700.19	b					647.63
Deposits						695,237.00	d					-
Interest Earnings						-	i					-
Payments						(433,472.78)	p					-
						1,307,464.41						647.63

NBWRA Reconciliation	
Beginning Balance	1,045,700.19
Deposits	695,237.00
Interest Earnings	-
Payments	(433,472.78)
	1,307,464.41

North Bay Water Reuse Authority
July 1, 2016 to Date Transaction Summary
as of March 27, 2017
PHASE 2

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<u>Vendor</u>	NBWRA Obligations		<u>Paid to date</u>	<u>Adjustments</u>	<u>Balance</u>	<u>Expires</u>	<u>% Spent</u>	
	<u>Encumbrances</u>							
B&C FY15/16	386,441.11	bc2	259,906.65	-	126,534.46	6/30/2017	67%	Carryover from LFY
B&C FY16/17	1,063,789.00	bc3	-	-	1,063,789.00	6/30/2017	0%	
Bryant & Associates FY15/16	8,843.94	ba2	-	-	8,843.94	6/30/2017	0%	Carryover from LFY
Bryant & Associates FY16/17	175,720.00	ba3	109,696.03	-	66,023.97	6/30/2017	62%	
Total	1,634,794.05		369,602.68	-	1,265,191.37			
	<u>Unencumbered</u>		<u>Spent</u>	<u>Misc.</u>	<u>Balance</u>		<u>% Spent</u>	
Admin Agency Services FY14/15 - 15/16	186,483.28	a2	63,870.10	-	122,613.18		34%	Carryover from LFY
Admin Agency Services FY16/17	75,479.00	a3	-	-	75,479.00		0%	
Total	261,962.28		63,870.10	-	198,092.18			
Miscellaneous Expenses		m	-					
	<u>Scheduled costs</u>		<u>Expenses</u>	<u>Adjustments</u>	<u>Balance</u>		<u>% Spent</u>	
Total	1,896,756.33		433,472.78	-	1,463,283.55		23%	

North Bay Water Reuse Authority
July 1, 2016 to Date Transaction Summary
as of March 27, 2017
Joint Use

Item No. 7.b

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

**North Bay Water Reuse Authority
July 1, 2016 to Date Transaction Summary
as of March 27, 2017**

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Joint Use

Date	Description	Amount			Las					North Marin		City of
					Galinas	Napa	Novato	SVCS	SCWA	Napa County	Water Dist.	
1/4/2017	Weir Technical Services SCWA 11-16	(2,400.00)	p	w2	(300.00)	(300.00)	(300.00)	(300.00)	(300.00)	(300.00)	(300.00)	(300.00)
1/4/2017	Weir Technical Services SCWA 11-16 (Expenses)	(68.72)	p	w2	(8.59)	(8.59)	(8.59)	(8.59)	(8.59)	(8.59)	(8.59)	(8.59)
1/4/2017	Salary/Assn Chgs Applied	(4,104.84)	p	a2	(513.11)	(513.11)	(513.11)	(513.11)	(513.11)	(513.11)	(513.11)	(513.11)
1/13/2017	Salary/Assn Chgs Applied	(1,919.82)	p	a2	(239.98)	(239.98)	(239.98)	(239.98)	(239.98)	(239.98)	(239.98)	(239.98)
1/18/2017	Bryant & Associates November 2016	(3,700.00)	p	ba3	(462.50)	(462.50)	(462.50)	(462.50)	(462.50)	(462.50)	(462.50)	(462.50)
1/24/2017	Weir Technical Services SCWA 12-16	(2,840.00)	p	w2	(355.00)	(355.00)	(355.00)	(355.00)	(355.00)	(355.00)	(355.00)	(355.00)
1/24/2017	Weir Technical Services SCWA 12-16 (Expenses)	(114.74)	p	w2	(14.34)	(14.34)	(14.34)	(14.34)	(14.34)	(14.34)	(14.34)	(14.34)
1/26/2017	Xteles Corporation	(7.75)	p	a2	(0.97)	(0.97)	(0.97)	(0.97)	(0.97)	(0.97)	(0.97)	(0.97)
1/27/2017	Bryant & Associates December 2016	(3,700.00)	p	ba3	(462.50)	(462.50)	(462.50)	(462.50)	(462.50)	(462.50)	(462.50)	(462.50)
1/27/2017	Salary/Assn Chgs Applied (Split)	(2,495.39)	p	a2	(311.92)	(311.92)	(311.92)	(311.92)	(311.92)	(311.92)	(311.92)	(311.92)
1/27/2017	Salary/Assn Chgs Applied	(2,088.21)	p	a3	(261.03)	(261.03)	(261.03)	(261.03)	(261.03)	(261.03)	(261.03)	(261.03)
2/15/2017	Salary/Assn Chgs Applied	(1,989.48)	p	a3	(248.69)	(248.69)	(248.69)	(248.69)	(248.69)	(248.69)	(248.69)	(248.69)
2/24/2017	Equipment Usage Charges	(35.31)	p	a3	(4.41)	(4.41)	(4.41)	(4.41)	(4.41)	(4.41)	(4.41)	(4.41)
2/24/2017	Salary/Assn Chgs Applied	(1,368.63)	p	a3	(171.08)	(171.08)	(171.08)	(171.08)	(171.08)	(171.08)	(171.08)	(171.08)
2/28/2017	Xteles Corporation	(9.70)	p	a3	(1.21)	(1.21)	(1.21)	(1.21)	(1.21)	(1.21)	(1.21)	(1.21)
3/14/2017	Salary/Assn Chgs Applied	(1,594.68)	p	a3	(199.34)	(199.34)	(199.34)	(199.34)	(199.34)	(199.34)	(199.34)	(199.34)
3/21/2017	Bryant & Associates January 2017	(3,700.00)	p	ba3	(462.50)	(462.50)	(462.50)	(462.50)	(462.50)	(462.50)	(462.50)	(462.50)
Current NBWRA Balance		173,101.77										
PENDING												
Bryant & Associates February 2017		(3,700.00)										
Projected Balance		169,401.77										
					24,701.58	24,702.58	24,704.58	(6,108.42)	24,702.58	24,703.58	24,702.58	20,992.71
					-	-	-	-	-	-	-	-
					-	-	-	-	-	-	-	-
					24,239.08	24,240.08	24,242.08	(6,570.92)	24,240.08	24,241.08	24,240.08	20,530.21
					LG	Napa	Nov	SV	SCWA	Napa County	North Marin	Petaluma
					14.270%	14.271%	14.272%	-3.529%	14.271%	14.271%	14.271%	12.127%

NBWRA Reconciliation		
Beginning Balance	142,772.49	b
Deposits	133,252.00	d
Interest Earnings	-	i
Payments	(100,834.51)	p
Balance	175,189.98	

22,160.92	22,161.92	22,162.92	(8,650.08)	22,160.92	22,161.92	22,161.92	18,452.05
15,406.00	15,406.00	15,407.00	15,407.00	15,407.00	15,407.00	15,406.00	15,406.00
-	-	-	-	-	-	-	-
(12,604.31)	(12,604.31)	(12,604.31)	(12,604.31)	(12,604.31)	(12,604.31)	(12,604.31)	(12,604.31)
24,962.61	24,963.61	24,965.61	(5,847.39)	24,963.61	24,964.61	24,963.61	21,253.74

NBWRA Obligations							
Vendor	Encumbrances		Paid to date	Adjustments	Balance	Expires	% Spent
Weir Technical Services FY15/16	58,150.43	w2	23,894.94	-	34,255.49	6/30/2017	41%
Weir Technical Services FY16/17	37,500.00	w3	-	-	37,500.00	6/30/2017	0%
Bryant & Associates FY16/17	36,000.00	ba3	25,900.00	-	10,100.00	6/30/2017	72%
Total	131,650.43		49,794.94	-	81,855.49		
	Unencumbered		Spent	Misc.	Balance		% Spent
Admin Agency Services FY15/16	46,041.77	a2	46,041.77	-	-		100%
Admin Agency Services FY16/17	75,000.00	a3	7,086.01	-	67,913.99		9%
Unallocated funds	64,595.89	ua	-	-	64,595.89		0%
Contingency	-	c	-	-	-		#DIV/0!
Total	185,637.66		53,127.78	-	132,509.88		
Miscellaneous Expenses		m	-				
	Scheduled costs		Expenses	Adjustments	Balance		% Spent
Total	317,288.09		102,922.72	-	214,365.37		32%

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

Carryover from LFY

North Bay Water Reuse Authority
July 1, 2016 to Date Transaction Summary
as of March 27, 2017
Discretionary

Item No. 7.b

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

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

PENDING

Projected Balance	50,163.57
--------------------------	------------------

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

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

EXPENSES NOT ALLOCATED TO
SPECIFIC ENTITIES IN THIS
ACCOUNT

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

**Interest
North Bay Water Reuse Authority
as of March 27, 2017**

FY2013/2014

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

FY2014/2015

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

FY2015/2016

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

FY2016/2017

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

Board Information Requests

Item 8



Board Information Requests

- 💧 Request: Develop Membership Brochure
 - Include: Program information, costs on general membership, study and project funding
- 💧 See Item 15 for Water Management Program Membership Brochure discussion

American Canyon – Title XVI Program New Member Agency

Item 9





March 21, 2017

David Rabbitt, Chair
Northbay Water Reuse Authority
500 Davidson Street
Novato, CA 94945

Re: Request by the City of American Canyon in the North Bay Water Reuse Authority's *North Bay Water Reuse Program – Phase 2 Title XVI Feasibility Study*

Dear Chairman Rabbitt,

The City of American Canyon is interested in joining the North Bay Water Reuse Authority as a full member of its Phase 2 Project. Consistent with our *2016 Urban Water Management Plan*, American Canyon intends to increase recycled water delivery from 180 AFY (in 2015) to 1,000 AFY by 2025. Below is a list of capital projects identified in our *2016 Recycled Water Master Plan* and our *2008 Interim Facilities Plan* that will help American Canyon achieve this goal:

ID	Description
RW-1B	Tower / South Kelly Road Pipeline
RW-2	Spikerush Circle Pipeline
RW-3	Benton Way Pipeline
RW-12	Water Reclamation Facility Upgrades

Most of these projects are pipeline extensions that will serve existing landscaping and industrial customers (who currently use potable water for non-potable purposes). They will be constructed within existing, built roadway environments and they will not require any property acquisition. In addition, Project RW-12 consists of a treatment upgrades at the City's Water Reclamation Facility (WRF). Detailed descriptions of these projects are below:

- Project RW-1B consists of the construction of approximately 3,000 LF of 12-inch recycled water pipelines in Tower Road and South Kelly Road to convert existing industrial customers from potable water to recycled water.
- Project RW-2 consists of the construction of approximately 800 LF of 6-inch recycled water pipelines in Spikerush Circle to convert irrigation of American Canyon Community Park from potable water to recycled water.
- Project RW-3 consists of the construction of approximately 1,670 LF of 6-inch recycled water pipelines in Benton Way to convert irrigation demands at the Middle School, community services and park from potable water to recycled water.
- Project RW-12 consists of upgrades at the WRF to increase recycled water production capacity and improve water quality. It includes the addition of a new 0.5 MGD reverse osmosis system (to reduce high concentration of total dissolved solids), modifications



Letter to Chairman Rabbit

RE: Request by the City of American Canyon in the North Bay Water Reuse Authority's *North Bay Water Reuse Program – Phase 2 Title XVI Feasibility Study*

March 21, 2017

to the ultra-violet disinfection system, and miscellaneous modifications to the existing storage ponds for brine disposal.

The estimated cost of the projects identified above is \$12.0 million. We understand the cost for the City to participate is broken into various categories as described below:

- The **"Buy-In Fee"** is to buy into the effort of the original agencies to develop and acquire a Federal Authorization for both phases of the Program. It is specified in the Authority's Memorandum of Understanding as 0.6% of Project Cost.
- The **"Feasibility Study"** and **"EIS/EIR"** line items include development of the necessary technical studies in preparation of these documents along with the Scoping Study, Financial Capabilities Analysis and public outreach and is led by a consultant team of Brown & Caldwell and other specialty sub-consultants.
- The **"Phase 2 Support"** line item covers program development and advocacy led by Bryant and Associates with the Ferguson Group providing federal advocacy in Washington DC and the Onate Group providing state advocacy in Sacramento.
- The **"Program Management"** line item covers day-to-day program administration and management by Weir Technical Services and Sonoma County Water Agency.

Scope of Work	Prior FY	FY 16-17
Buy-in Fee	-	\$72,000
Feasibility Study	\$72,745	\$35,888
EIS/EIR	-	\$131,699
Phase 2 Support	\$8,937	\$101,746
Program Management	-	\$47,822
Subtotal	\$81,682	\$389,155
Total through FY16/17	\$470,837	

On February 21, 2017 the American Canyon City Council appropriated funds in the amount listed above and approved the request to join NBWRA. We respectfully request you take this item to the NBWRA Board at your earliest convenience for consideration.

Regards,



Leon Garcia, Mayor

C/c:

Dana Shigley, City Manager

Jason B. Holley, P.E., Public Works Director

Steve Hartwig, Deputy Public Works Director

Chuck Weir, Weir Technical Services



RESOLUTION NO. 2017-16

RESOLUTION REQUESTING THE CITY OF AMERICAN CANYON JOIN THE NORTH BAY WATER REUSE AUTHORITY AND APPROPRIATING \$470,837 FROM FUND 520 (WATER CAPACITY) TO PARTICIPATE IN THE NORTH BAY WATER REUSE PROGRAM PHASE 2.

WHEREAS, the North Bay Water Reuse Authority is a consortium of ten local agencies with a mutual interest in expanding the use of recycled water that includes the Sonoma County Water Agency, the Marin Municipal Water Agency, Novato Sanitation District, City of Petaluma, Napa Sanitation District, Napa County and others; and

WHEREAS, the North Bay Water Reuse Program is a regional water recycling and management initiative advanced by the Authority and is a coordinated effort of these municipal, water and sanitation agencies working together to address water supply shortages from a watershed perspective by investing in diverse projects that offset potable demand throughout the North Bay; and

WHEREAS, American Canyon has the opportunity to join the Authority and participate in the Phase 2 Program;

WHEREAS, American Canyon has scoped a group of projects totaling approximately \$12.0 million in conjunction with its *2016 Recycled Water Master Plan* and *2008 Water Reclamation Facility Interim Facilities Plan*, these "Phase 2 Projects" would be a good fit for the Phase 2 Program; and

WHEREAS, the cost for the City to join the Authority and participate in the Phase 2 Program in FY16-17 is \$470,837; and

WHEREAS, participating in the Phase 2 Program will make the City eligible for \$3.0 million of Title XVI funding from the Federal Bureau of Reclamation.

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of American Canyon hereby requests the City join the North Bay Water Reuse Authority and authorizes the City Manager to execute any necessary agreements.

NOW, THEREFORE, BE IT FUTHER RESOLVED that the City Council of the City of American Canyon hereby appropriates \$470,837 from Fund 520 (Water Capacity) to participate in the North Bay Water Reuse Program – Phase 2 for FY16/17.


PASSED, APPROVED and ADOPTED at a regularly scheduled meeting of the City Council of the City of American Canyon held on the 21st day of February 2017, by the following vote:

AYES:	Council Members Aboudamous, Leary, Oro, Vice Mayor Joseph, and Mayor Garcia
NOES:	None
ABSTAIN:	None
ABSENT:	None



Leon Garcia, Mayor

ATTEST:


Suellen Johnston, City Clerk

Action: Consider Approving New Title XVI Program Phase 2 Member

- 💧 City of American Canyon has requested to join the Phase 2 member group and has agreed to participate in member buy-in, annual budget, feasibility and environmental study costs
- 💧 Action: Consider approving City of American Canyon as a member of the NBWRA Title XVI Program Phase 2 member

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

Item 10



Budget with New Agencies

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

Amended Budget with New Agencies

Item No. 10

Budget Remaining for Each Agency FY16/17

	LGVSD	Napa SD	Novato SD	SVCSD	SCWA	NMWD	Napa County	Petaluma	MMWD	American Canyon
Remaining Costs for FY16/17	\$5,612	-\$313,856	-\$171,782	\$366,529	\$139,190	\$14,882	\$2,339	\$219,684	\$260,874	\$379,584

Basis of the Budget Remaining for FY16/17

	LGVSD	Napa SD	Novato SD	SVCSD	SCWA	NMWD	Napa County	Petaluma	MMWD	American Canyon
Sept 2016 w/ SVCSD mod (Current Agencies)	\$113,168	\$973,266	\$755,657	\$680,483	\$563,060	\$167,197	\$94,114	\$1,007,918	\$260,874	\$379,584
Net Costs	\$113,168	\$973,266	\$755,657	\$680,483	\$563,060	\$167,197	\$94,114	\$1,007,918	\$260,874	\$379,584
Paid to Date	\$107,556	\$1,287,122	\$927,439	\$313,954	\$423,870	\$152,315	\$91,775	\$788,234	\$0	\$0
Remaining Costs for FY16/17	\$5,612	-\$313,856	-\$171,782	\$366,529	\$139,190	\$14,882	\$2,339	\$219,684	\$260,874	\$379,584
Future (FY 16/17) Phase 2 Study Grant Refund	\$0	\$102,812	\$83,383	\$57,478	\$51,002	\$0	\$0	\$83,383	\$22,745	\$35,697
Remaining Costs after Future Refund	\$5,612	-\$416,668	-\$255,165	\$309,050	\$88,188	\$14,882	\$2,339	\$136,300	\$238,129	\$344,887

100

Action: Consider Approving the FY 16/17 Amended Budget

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

NBWRA Phase 1 Reconciliation and Reassessment

Item 11



- 💧 Differed Payment for New Members until FY 17/18
 - American Canyon and Marin Municipal Water District have approved their 16/17 payments
 - However, to allow time to budget the funds, will pay after July 1st
 - This creates a potential cash flow issue for SCWA
 - Water Agency will hold USBR Phase 2 Feasibility Study grant reimbursement until members pay all FY 16/17 costs
 - Once paid, grant funds will be distributed in accordance with percentages in the approved budget

- 💧 Buy-in Fee Reimbursement
 - The buy-in fees will be paid to members once all FY 16/17 payments have been received

Phase 1 Total Assessments Paid through FY 16/17

Total Costs To Date								
Member Agency Deposits	LGVSD	Novato San	NMWD	SVCSD	SCWA	Napa San	Napa County	Total
FY 05/06 - FY 10/11	247,071	293,908	602,073	937,681	121,897	1,088,596	121,897	3,413,123
FY 11/12	47,381	56,363	115,460	179,821	23,377	208,762	23,376	654,540
FY 12/13	12,306	14,639	29,988	46,704	6,071	54,220	6,071	170,000
FY 13/14	2,895	3,444	7,056	10,989	1,430	12,757	1,429	40,001
FY 14/15	987	1,174	2,404	3,744	487	4,347	486	13,628
FY 15/16	13,065	15,541	31,836	49,582	6,446	57,562	6,446	180,478
FY 16/17	11,863	14,111	28,908	45,022	5,855	52,264	5,851	163,873
Total	335,568	399,180	817,725	1,273,542	165,563	1,478,509	165,556	4,635,643

Phase 1 Reconciliation and Reassessment Summary

NBWRA Phase 1 Agencies	Original Assessments Paid	New Phase 1 Percentage	New Assessment Totals	Amount (Underpaid)/Overpaid
LGVSD	\$335,568	10.25%	\$475,110	(\$139,542)
Napa SD	\$1,478,509	34.65%	\$1,606,106	(\$127,597)
Novato SD	\$399,180	9.27%	\$429,636	(\$30,456)
SVCSD	\$1,273,542	17.32%	\$802,947	\$470,595
SCWA	\$165,563	3.57%	\$165,563	\$0
NMWD	\$817,725	21.37%	\$990,725	(\$173,000)
Napa County	\$165,556	3.57%	\$165,556	\$0
Total	\$4,635,643	100.00%	\$4,635,643	\$0

Phase 1 Reconciliation and Grant Award Summary

NBWRA Phase 1 Agencies	Original Assessments Paid	New Phase 1 Percentage	New Assessment Totals	Grant Funding Received
LGVSD	\$335,568	10.25%	\$475,110	\$2,225,876
Napa SD	\$1,478,509	34.65%	\$1,606,106	\$10,358,487
Novato SD	\$399,180	9.27%	\$429,636	\$1,898,888
SVCSD	\$1,273,542	17.32%	\$802,947	\$4,583,250
SCWA	\$165,563	3.57%	\$165,563	\$0
NMWD	\$817,725	21.37%	\$990,725	\$5,933,499
Napa County	\$165,556	3.57%	\$165,556	\$0
Total	\$4,635,643	100.00%	\$4,635,643	\$25,000,000

Action: Consider Approving Phase 1 Reconciliation and Reassessment

- 💧 Action: Consider approving Reconciliation and Reassessment of Costs for Phase 1 from FY 05/06 to FY 16/17

Program Development, Federal and State Advocacy

Item 12



Program Development and Federal Advocacy



Title XVI Information and Washington DC Activities

- 💧 Funding for Title XVI - Recycled Water Projects
 - Final 2017/18 funding levels are expected in April as part of addressing the expiring budget CR
 - Final package could have some funding Senator Feinstein secured in the WIIN Act

- 💧 Title XVI Phase 2 Authorization
 - **Reclamation is describing our issue as a “policy call”**
 - Denver Policy has asked us to apply under the new Title XVI program
 - Informed Washington, Denver and Mid-Pacific we will work to establish new Title XVI program process and criteria
 - Reserve the right to apply under the old program if there is a critical time delay

Title XVI Information and Washington DC Activities

- 💧 New Title XVI Phase 2 Construction Grants
 - There is a language, additional step problem with the new program
 - Could make grant funding a 2-year/2-step process
 - Trying to develop a process to work around this language
 - Congress will not do a language fix – needs to be dealt with Administratively

- 💧 Steps we are Taking
 - Working with Denver/Mid-**Pacific Regional Director's office to support our proposal/develop a solution**
 - Possible early application with launch of new program
 - Coordinating with team to make sure all information is ready
 - **Will apply under old Title XVI program if new program launch doesn't materialize**

Federal Budget and Grant Funding

The President's FY 18/19 Budget

- 💧 Department of Interior: Proposed 12% reduction
 - **The Bureau of Reclamation maintained strong funding for “safe, reliable and efficient management of water resources”**

- 💧 EPA: Proposed 31% reduction
 - Increased SRF funds by \$4M over 2017 levels
 - WIFIA is funded at full level of \$20M

- 💧 **Both Public and Congressional opposition to the President's proposed Budget**
 - Congress will get to work on the funding bills in the coming months

Federal Advocacy Washington DC Meetings

- Early in transition and many Administration offices are not staffed; will likely take until end of July until most offices are filled
- **OMB asked for ideas re efficiencies in Reclamation's funding programs**
 - We anticipate some modifications to WaterSMART grant programs when the new Commissioner is confirmed – likely in July
- Hill meetings focused on funding levels for Title XVI and WaterSMART in FY 17/18 and 18/19 budgets and support for the proposed RIFIA loan program in new legislation

State Advocacy



Potential 2018 Water Bond

- 💧 Currently two \$3 billion bonds in Legislature – AB 18 (Garcia) and SB 5 (DeLeon)
 - AB 18 currently parks-focused
 - SB 5 a parks/water hybrid with recycled water allocation process same as Prop. 1: currently proposes \$250 million for recycled water

- 💧 2018 Bond-related dynamics include:
 - **Impression of Governor's reluctance for bonds**
 - Potential external bond efforts via initiative
 - Pressure for substantial housing bond

Long-Term Water Conservation Mandates

- 💧 Administration in process of finalizing a long-term, statewide water conservation plan
- 💧 Portions of this plan will require legislation including new water use targets and **“strengthening” of urban water shortage contingency plans**
 - *Note from Water Management Program Team: the Basin Study and DCP will yield information to help agencies address these new regulations*
- 💧 We have been engaging in ACWA and WaterReuse to proactively develop legislative language to treat recycled water separately re conservation mandates (meaning, no restrictions on recycled water use)
- 💧 Legislation will be forthcoming on this matter

AB 574 – WaterReuse-Sponsored Bill re: Potable Reuse

- 💧 AB 574 (Quirk) is a WaterReuse-sponsored measure that would clarify and update statute pertaining to definitions of potable reuse
 - NBWRA has responded to WaterReuse request for support letters
- 💧 AB 574 will:
 - **Eliminate confusing statutory definitions for “indirect” and “direct” potable reuse**
 - Create distinguishing subcategories of potable reuse, including groundwater augmentation, reservoir augmentation, raw water augmentation and treated water augmentation
- 💧 Also requires the State Board to adopt statewide regulations for potable reuse for raw water augmentation

NBWRA Day in State Capitol – March 22

- 💧 Meetings included:
- NBWRA- area legislators
 - **Governor's office staff**
 - **SWRCB staff re: upcoming efforts to update Board's recycled water policy**

Engineering and Environmental Services Public Outreach

Item 13



Title XVI Project List

- 💧 Sent to Agencies for Review
- 💧 Proceeding with this for:
 - Final Feasibility Study
 - EIR/EIS

Agency	Project Type	Project Title	Title XVI Projects (Project Level in EIR/EIS)	Program Level in EIR/EIS	Non-Title XVI Project (Not in EIR/EIS)
Novato SD	Treatment	Novato SD WRP Capacity - 1 st Expansion (+0.85 MGD)	❖		
		Novato SD WRP Capacity - 2 nd Expansion (+0.85 MGD)			❖
	Seasonal Storage	Option 1: Site Near Highway 37 (Tertiary) 150 AF		❖	
		Option 2: Site Near Highway 37 (Secondary) 150 AF			❖
		Option 3: Hamilton Site (Secondary) 150AF			❖
	Environmental Enhancement	Marin County Lower Novato Creek Project – Distribution	❖		
		Marin County Lower Novato Creek Project – Restoration		❖	
		Turnout to Transitional Wetlands	❖		
SVCSD	Seasonal Storage	Option 1: Mulas Site (Tertiary) 49 AF			❖
		Option 2: Robledo Site (Tertiary) 49 AF			❖
	Distribution	Napa Road Pipeline	❖		
SCWA	Seasonal Storage	Valley of the Moon ASR	❖		
		Sonoma ASR	❖		
	Groundwater Management	Sonoma Valley Groundwater Management and Recharge Study			
Petaluma	Treatment	Increase ECWRF Capacity	❖		
	Seasonal Storage	Option 1a: Site Southeast of ECWRF (Secondary) 300 AF			❖
		Option 1b: Site Southeast of ECWRF (Secondary) 150 AF			❖
	Distribution	Urban Recycled Water Expansion	❖		
		Agricultural Recycled Water Expansion Phase 1	❖		
		Agricultural Recycled Water Expansion Phase 2	❖		
		Agricultural Recycled Water Expansion Phase 3		❖	
Napa SD	Treatment	Soscol WRF Increased Filter Capacity	❖		
	Operational Storage	Additional Soscol WRF Covered Storage	❖		
		Napa State Hospital Storage Tank		❖	
	Seasonal Storage	Option 1a: Raise Existing Pond Levees (Secondary) 300 AF			❖
		Option 1b: Raise Existing Pond Levees (Secondary) 1,100 AF			❖
		Option 2: Somky Ranch Site (Secondary) 300 AF			❖
		Option 3a: Jameson Ranch Site (Tertiary) 600 AF (Phase 1)			❖
		Option 3b: Jameson Ranch Site (Tertiary) 300 AF			❖
	Distribution	MST Northern Loop			❖
		MST Eastern Extension			❖
Marin MWD	Distribution	Recycled Water Distribution System Expansion to San Quentin Prison	❖		
American Canyon	Distribution	Phase 1 Recycled Water Distribution System Expansion	❖		
		Phase 2 Recycled Water Distribution System Expansion	❖		
	Treatment	WRF Phase 2 Treatment Plant Upgrades	❖		

Engineering Services

- 💧 Revise Feasibility Study Report to include new Member Agency information for EIR/EIS
 - **Revise Section 5 “Proposed Phase 2 Title XVI Program” to support EIR/EIS**
 - **Revise Section 4 “Formulation of Alternatives and Selection of Program” to demonstrate justification for adding new projects for American Canyon and Marin MWD**
- 💧 Revise remaining sections of report to include new member Agencies
 - Target of redraft of report for April 28, 2017
 - Approval of report at May 22, 2017 Board meeting
 - Review of new sections and new text only. Critical to meet schedules
- 💧 Schedule drivers
 - EIR/EIS and ROD by June 2018
 - Reclamation review schedule
 - WaterSMART Implementation Grant funding opportunities

Environmental Services

- 💧 Start Phase 2 EIR/EIS
 - Develop a refined Project Description based on the final Title XVI Project List
 - AB52 & Section 106 [Tribal] Consultation: Currently underway
 - Draft AB52/Section 106 Consultation Letters briefly describing the project and invitation to consult
 - Discussions with Reclamation key to commencing consultation
 - EIR/EIS Scoping: April-June, 2017
 - Including issuance of notices, public meetings, scoping report
 - EIR/EIS
 - Draft EIR/EIS: Early November, 2017
 - Final EIR/EIS:
 - CEQA Certification: April-June, 2018
 - NEPA ROD: July, 2018
 - SHPO Section 106 Consultation: July, 2018
 - USFWS Section 7 Consultation: May, 2018

Public Outreach

- Prepared materials for February-March Washington DC trip
- Prepared materials for March 22 – Sacramento Legislative Day
- Update of NBWRA brochure and website are underway

NBWRA Title XVI Program Alternatives

Item 14



Title XVI Program Alternatives

Item No. 14

- 💧 Purpose
 - Complete Phase 1 implementation
 - Complete Phase 2 studies
 - Initiate and complete Phase 2 projects

- 💧 Provide direction for development of FY 17/18 Title XVI Program Budget
 - Note: 2-year budget will be prepared but approved annually

- 💧 Review of Title XVI Program Alternatives 1 and 2
 - Review of Services
 - Review of costs

- 💧 Direction: Alternative 1 or 2
 - MOU revisions and proposed Meeting dates

Alternative 1: Title XVI Basic Program Features

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

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

Alternative 1: Title XVI Basic Program

North Bay Water Reuse Authority

BASIC TITLE XVI

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

DISCONTINUE PROGRAM SERVICES

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

Alternative 2: Limited Program Services Features

- 💧 Same Basic Title XVI tasks

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

Alternative 2: Title XVI Limited Program Services

North Bay Water Reuse Authority

BASIC TITLE XVI

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

LIMITED PROGRAM SERVICES to TITLE XVI

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

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

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

Alternative 1 or 2 - Title XVI Budget Cost Allocation

Alternative 1

Total Budget	LGVSD	Napa SD	Novato SD	SVCSD	SCWA	NMWD	Napa County	Petaluma	MMWD	American Canyon
\$328,719	\$14,250	\$40,853	\$40,853	\$40,853	\$40,853	\$14,250	\$14,250	\$40,853	\$40,853	\$40,853

Alternative 2

Total Budget	LGVSD	Napa SD	Novato SD	SVCSD	SCWA	NMWD	Napa County	Petaluma	MMWD	American Canyon
\$595,643	\$19,350	\$76,799	\$76,799	\$76,799	\$76,799	\$19,350	\$19,350	\$76,799	\$76,799	\$76,799

Action: Provide Direction on Title XVI Program Alternative 1 or 2

- 💧 The Board will provide direction regarding Alternative 1 or 2 for preparation of FY 17/18 budget for consideration on May 22, 2017

MOU Revisions

- 💧 Chair directs NBWRA staff to prepare draft revisions to the MOU that reflect:
 - Completion of Phase 1
 - Addition of New Phase 2 Members
 - New structure and cost-share process to implement and complete Phase 2

- 💧 Future Actions
 - Draft revisions will be presented at the May 22, 2017 meeting
 - Discussion and approval will be scheduled for the July 24, 2017 meeting

Proposed Title XVI Program Meeting Dates

Item No. 14

💧 Pending approval of the FY 17/18 Title XVI Program Budget, proposed quarterly meeting dates are:

- July 24, 2017
- October 23, 2017
- January 22, 2018
- April 23, 2018

New Water Management Program

Item 15



New Water Management Program

North Bay Water Reuse Authority

TITLE XVI PROGRAM (Alternative 1 or 2)

**BASIC TITLE
XVI**

**DISCONTINUE
PROGRAM
SERVICES**

OR

**LIMITED
PROGRAM
SERVICES**

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

NEW WATER MANAGEMENT PROGRAM

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

- **No Title XVI activities**
- **Opens membership to new agencies**
- **Separate budget for:**
 - **Development, Advocacy and Grants**
 - **Studies and projects**
 - **Outreach and Meetings**

Water Management Program: Consistency and Purpose

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

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

Water Management Program Issues

- 💧 Maximize funding for new projects
 - State grants and loans
 - Federal grants and loans
- 💧 Projects include
 - Recycled water (non-Title XVI)
 - Surface water supplies
 - Storage
 - Groundwater
 - Stormwater capture and management
 - Habitat enhancement
- 💧 Drought and climate related issues

Water Management Program Features

- 💧 Structure supports both Agencies and Activities
 - General Membership + Project Cost Model
 - Open to agencies with water management authority
 - Budget based on fixed membership fee that stabilizes costs

- 💧 Program Services
 - New funding sources and grant assistance
 - New studies and projects
 - Technical assistance
 - Program Development, Federal and State Advocacy
 - Meetings and Outreach

Potential Water Management Program Funding Opportunities

- 💧 Water Management Program Funding Opportunities
 - Projects identified under in the EIS/EIR under the non-Title XVI and Programmatic categories could possibly be funded under one of these opportunities
 - Funding for stormwater capture, surface and groundwater management projects

Potential Federal Funding

Bureau of Reclamation

- WaterSMART: Drought Response Program: Drought Resiliency Project Grants
Provides funding for projects that will increase the reliability of water supply; improve water management; implement systems to facilitate the voluntary sale, transfer, or exchange of water; and provide benefits for fish, wildlife, and the environment to mitigate impacts caused by drought.
- WaterSMART: Water and Energy Efficiency Grants
Provides funding for projects that seek to conserve and use water more efficiently, increase the use of renewable energy and improve energy efficiency, benefit endangered and threatened species, facilitate water markets, or carry out other activities to address climate-related impacts on water or prevent any water-related crisis or conflict.
- WaterSMART: Small-Scale Water Efficiency Projects (*NEW*)
Provides funding for small-scale on-the-ground projects that seek to conserve, better manage, or otherwise make more efficient use of water supplies.
- BOR-USDA-NRCS WaterSMART: Agricultural Water Conservation and Efficiency Grants
Provides funding in California to improve the efficiency of agricultural water use throughout the state.

Potential Federal Funding

USDA

- Conservation Innovation Grants

Provides funding to stimulate the development of innovative conservation approaches and technologies that protect the environment and enhance agricultural production.

- USDA-NRCS: Regional Conservation Partnership Program

Provides funding to support organizations that will work with agricultural producers and forest landowners at a watershed level to accelerate progress on critical conservation projects that benefit soil, water, wildlife, and related natural resources locally, regionally, and nationally.

- USDA-NRCS: Emergency Watershed Protection Program

Provides funding to respond to emergencies caused by natural disasters. The program is designed to help people reduce imminent hazards to life and property caused by floods, drought, fire, earthquakes, windstorms and other natural disasters. All projects must be sponsored by a political subdivision and assistance can take many forms to help address water supply/drought-resiliency needs.

Potential Federal Funding

EPA

- Section 319 Nonpoint Source Management Program

Provides funding to reduce nonpoint source pollution from agriculture, urban development, forestry, recreational boating and marinas, hydro modification and wetlands.

FEMA

- Hazard Mitigation Assistance

Provides assistance for hazard mitigation projects that reduce the impacts of flood and drought conditions include aquifer storage and recovery (ASR), flood diversion and storage (FDS), floodplain and stream restoration (FSR) and other similar purposes.

Potential State Funding

Groundwater:

- Prop. 1 –Funded DWR Program for Sustainable Groundwater Planning Grant Program continues with next Solicitation set for Summer 2017
- Groundwater funding likely to continue to be topic in legislative and external 2018 bond discussions

Stormwater:

- Prop. 1 provided for \$200 million for an SWRCB-**implemented program for “multi-benefit”** stormwater projects
- Round 2 funding is pending, with approximately \$86 million in implementation grants
- Anticipated Hertzberg effort to statutorily ease Proposition 218 hurdles (initiative language previously crafted by ACWA coalition but polled poorly)
- Stormwater funding possible under potential 2018 water bond

Water Management Membership Materials and Budget

New Brochure

- Supports outreach to new members who have not been part of the Title XVI Program
- Informs current members who may consider joining separate from the Title XVI Program

Proposed Budget

- Establishes and is based on an annual General Membership fee
- Keeps study/project costs separate from membership thereby stabilizing operating costs

North Bay Water Reuse Authority

TITLE XVI PROGRAM

Phase 1 Project Implementation
Anticipated Completion 2018

Phase 2 Feasibility Studies
Anticipated Completion 2018

Phase 2 Project Implementation
Anticipated Initiation 2018

WATER MANAGEMENT PROGRAM

Drought Contingency Plan
Proposed Initiation 2017

Basin Study
Proposed Initiation 2017

Water Management Program Studies

💧 SCWA is Taking the Lead on Two New Studies

💧 **Under USBR's WaterSMART Program**

- North Bay Basin Study (Basin Study)
- Drought Contingency Plan (DCP)

💧 These studies lead to **Project Funding** thru WaterSMART

- New implementation grant criteria award points based on being a recommend alternative, action or project from a Basin Study or DCP

North Bay Watersheds Basin Study

What Does a Basin Study Do

- Basin Studies identify water supply issues that could recommend:
- Modification of operations and/or facilities of water supply systems
- Development of new facilities, or non-structural changes
- Incorporate the latest science, engineering technology, climate models and innovation
- Outcomes are basin-specific plans recommending *collaboratively developed solutions** to meet water demands and foster sustainable development

* Through an extensive stakeholder involvement process

North Bay Watersheds Basin Study

Basin Study Projections of Water Supply and Demands Include

- Surface, groundwater, stormwater and recycled water supplies
- Agricultural, municipal, environmental and recreational demands
- Sea-level rise and climate variability

Basin Study Timeframe and Costs

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

North Bay Watersheds Drought Contingency Plan

- 💧 What is a Drought Contingency Plan (DCP)
 - Collaborative planning approach to building long-term resiliency to drought
 - Requires stakeholders process to plan development
 - Stakeholder issues include agricultural, municipal, and environmental to and develop broad support for ***mitigation and response actions***
 - Must include consideration of climate change impacts to water supplies, in order to support long term resiliency to climate change
 - ***Mitigation and Response*** actions are projects to be funded under WaterSMART

Next Steps

- 💧 New Water Management Program
 - Develop Membership Outreach Brochure
 - Continue to work on draft budget and new member materials
 - Continue work with SCWA and Reclamation on Basin Study and DCP
 - More information at May meeting

Items for Future Discussion & Action

Item 16



May 22, 2017 Meeting

Meeting Agenda

- Regular Reports
- Discussion and approval of FY 17/18 Title XVI Program Budget
- Discussion of Title XVI Program MOU revisions
- Discussion on Water Management Program
 - Basin Study and DCP information
 - Membership and costs

Comments from Chair and Board Members

Item 17



Adjourn

