



NORTH BAY WATER REUSE PROGRAM

Expanding Water Supplies with Regional Reuse



BOARD OF DIRECTORS MEETING

AGENDA

Tuesday, July 26, 2016

1:30 PM

City of Petaluma Ellis Creek Water Recycling Facility

3890 Cypress Drive, Petaluma, 94954

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

1. Call to Order (1 minute)

2. Roll Call (1 minutes)

3. Public Comment (3 minutes)

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

4. Introductions (2 minutes)

Action
Pages 3 - 5

5. Board Meeting Minutes of April 25, 2016 (1 minute)

(The Board will consider approving the minutes from the April 25, 2016 Board meeting.)

Information
Pages 6 - 12

6. Report from the Program Manager (2 minutes)

6.a Consultant Progress Reports

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

Information
Pages 13 - 25

7. Financial Report for the Period Ending June 30, 2016 (5 minutes)

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

Information
Pages 26 - 27

8. Program Development, Federal, and State Advocacy Status Reports (10 minutes)

(The Board will be updated on the status of Program Development, Federal Advocacy, and State Advocacy.)

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

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

- Information** **9. Outreach Program Update (5 minutes)**
(The Board will be updated on the Outreach Program.)
- Information** **10. Engineering, Environmental, and Public Involvement Services Report**
Page 28 **(10 minutes)**
(The Board will be updated on the Engineering, Environmental, and Public Involvement Services Report.)
- Action** **11. Phase 2 Agencies Present Revised List of Projects for Phase 2 Environmental**
 Analysis, Discussion of Impacts of Revisions, and Consideration of Approval
Pages 29 – 34 **of a Final List of Projects (20 minutes)**
(Board members from Agencies participating in Phase 2 will identify their specific list of projects for Environmental Analysis. The Board will discuss the impacts and revisions to the Feasibility Study and the impacts with Federal funding partners and legislative efforts. The Board will consider approving a final list.)
- Action** **12. Update and Recommendations from Governance Task Force (20 minutes)**
Pages 35 - 41 (The Chair will provide an update on the Governance Task Force and the Board will consider approving recommendations regarding Board and TAC meetings and the Phase 2 EIR/EIS.)
- Information** **13. 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.)
- 14. Adjournment (1 minute)**

<p style="text-align: center;">Next Board Meeting Monday, October 24, 2016, 9:30 A. M. Novato City Hall Council Chambers</p>
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(In compliance with the Americans with Disabilities Act of 1990, if you need special assistance to participate in a Board meeting, or you need a copy of the agenda, or the agenda packet, in an appropriate alternative format, please contact the Program Manager at (510) 410-5923. Notification of at least 48 hours prior to the meeting or time when services are needed will assist in assuring that reasonable arrangements can be made to provide accessibility to the meeting or service. A copy of all the documents constituting the agenda packet is available for public inspection prior to the meeting at 500 Davidson Street, Novato, CA 94945. Any person may request that a copy of the agenda or the agenda packet be mailed to them for a fee of \$.10 per page plus actual mailing costs. If you wish to request such a mailing, please contact Chuck Weir, Weir Technical Services, 3026 Ferndale Court, Pleasanton, CA 94588, 510-410-5923, chuckweir@sbcglobal.net. The agenda for each meeting is also available on-line at www.nbwra.org and will be available at the meeting.)

**North Bay Water Reuse Authority
Board of Directors Meeting
Minutes
April 25, 2016**

1. Call to Order

Chair Rabbitt called the meeting to order at 9:42 a.m. on Monday, April 25, 2016 at the Novato City Hall Council Chambers, 901 Sherman Avenue, Novato, CA 94945. Consultants and others who were unable to attend participated via telephone, 1 (602) 567-4030, passcode 1980; <https://conferencing.brwncauld.com/conference/1980>.

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
	David Glass	City of Petaluma
	Susan Gorin	Sonoma Valley County Sanitation District
	John Schoonover	North Marin Water District
	Jill Techel	Napa Sanitation District

ABSENT: City of American Canyon, Marin County

OTHERS

PRESENT:	Chuck Weir, Program Manager	Weir Technical Services
	Kevin Booker	Sonoma County Water Agency
	Ginger Bryant	Bryant & Associates
	Grant Davis	Sonoma County Water Agency
	Ryan Grisso	North Marin Water District
	Tim Healy	Napa Sanitation District
	Pam Jeane	Sonoma Valley County Sanitation District
	Sandeep Karkal	Novato Sanitary District
	Susan McGuire	Las Gallinas Valley Sanitary District
	Mark Millan	Data Instincts
	Phillip Miller	Napa County
	Pilar Oñate-Quintana	The Oñate Group (by telephone)
	Larry Russell	Marin Municipal Water District
	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

3. Public Comments

There were no comments from the public

4. Introductions

Introductions were not made.

5. Board Meeting Minutes of March 28, 2016.

A motion by Director Schoonover, seconded by Director Gorin to approve the March 28, 2016 minutes was unanimously approved.

6. Report from the Program Manager

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

a. Consultant Progress Reports

The Board reviewed the consultant progress reports for March 2016.

7. Financial Report for the Period Ending March 31, 2016

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

8. Budgets, Member Agency Cost Allocations, and Scopes and Costs for FY2014/15, FY2015/16, and FY2016/17

The Program Manager provided an overview of the budget process and noted that since the Phase 2 list of projects has not yet been finalized the Board is being asked to approve the FY2016/17 Budget that has been presented to them the past two years. Once the Phase 2 project list is finalized scopes and costs can be also be finalized for a two-year budget that will be presented to the Board at the October 24, 2016 Board meeting

The recommendation to the Board for approving the budget and funding for FY2016/17 is based on the following items:

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

A motion by director Elias, seconded by Director Long to approve the recommendation noted above was unanimously approved.

9. Program Development, Federal, and State Advocacy Update

The following items were discussed: State Advocacy, Program Development and Federal Advocacy, outreach efforts.

Ginger Bryant provided an update on Program Development and Federal Advocacy, including efforts to include RIFIA loans and WaterSMART grants in a Western Water Bill.

Pilar Oñate-Quintana discussed State Advocacy noted water and wastewater agency opposition to SB163, Hertzberg, which would require 50% of treated wastewater to be used for beneficial reuse by 2026 and 100% by 2036. She recommended that NBWRA send a letter of opposition that will support the points made by CASA and WateReuse. Director Caldwell asked where local legislators stood on SB163 and was informed that they were not yet fully aware of the issues. She also noted that in terms of the State budget that it was likely the remaining Prop 1 water recycling funds will be appropriated to the State Water Board this year.

10. Outreach Program Update.

Mark Millan discussed the following: Coordination with the team on Chair Rabbitt's presentation for the NBWA Conference April 22, 2016, Coordination with the team and Napa SD regarding press information for their Recycled Water Expansion Ribbon Cutting Celebration May 2, 2016, and preparation of materials for this week's Washington D.C. meetings.

11. Engineering, Environmental, and Public Involvement Services Report

Mike Savage gave an update on the production and comment schedule for the chapters in the Feasibility Study Report.

12. Comments from Chair and Board Members

Chair Rabbitt thanked everyone for their efforts to date. He discussed the Governance Task force and noted they were looking at an outside facilitator to assist in the process. He noted that money is available and that they would try to keep costs low. He mentioned David Gardiner as a possible facilitator.

13. Adjournment

Chair Rabbitt adjourned the meeting at 10:44 a.m. The next meeting will be Monday, July 25, 2016 at 9:30 a.m. at Novato City Hall Council Chambers.

Minutes approved by the Board _____.

Charles V. Weir
Program Manager

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Agenda Explanation
North Bay Water Reuse Authority
Board of Directors
July 26, 2016

ITEM NO. 6 REPORT FROM THE PROGRAM MANAGER

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

Item No. 6.a. Consultant Progress Reports

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

Following is a brief description of other Agenda items:

Item No. 7. Financial Report for the Period Ending June 30, 2016

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

Item No. 8. Program Development, Federal, and State Advocacy Status Reports

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

Item No. 9. Outreach Program Update

Mark Millan will provide an update for the Board.

Item No. 10. Engineering, Environmental, and Public Involvement Services Report

Mike Savage will discuss the Feasibility Report Status Report and Schedule for review. Please refer to the table for this item.

Item No. 11 Phase 2 Agencies Present Revised List of Projects for Phase 2 Environmental Analysis, Discussion of Impacts of Revisions, and Consideration of a Final List of projects

Please refer to the separate report for this item.

Item No. 12 Update and Recommendations from governance Task Force

Please refer to the separate report for this item.

Item No. 13. Comments from Chair and Board Members

This is a newly added item to the agenda and is often included in public agency agendas. The Chair and Board members may make brief announcements or reports on his or her own activities, pose questions for clarification, and/or request that items be placed on a future agenda. Except as authorized by law, no other discussion or action may be taken.

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

Bryant & Associates ~ Program Development

- Participated in Program Management, Federal and State Advocacy Management Call
- Participated in consulting team planning call
- Participated in/supported calls and preparation of materials in opposition to SB 163
- Prepared for and participated in TAC meeting conference call and follow up activities
- Activities in coordination with The Ferguson Group:
 - Washington DC trip follow up on authorization and program financing
 - Updates to Western Water Priorities site

The Ferguson Group ~ Federal Advocacy

- **Drought Bill/RIFIA Proposal.** TFG continued to work with House and Senate drought bill negotiators to build support for drought relief legislation that includes key components advocated by the Authority: RIFIA, an expansion of WaterSMART grants and Title XVI reform to allow currently unauthorized projects to compete for Title XVI competitive construction dollars. Meetings were held with the majority and minority staff of the Senate Energy and Natural Resources Subcommittee on Water and Power. At this time, there appears to be broad support for all three components, even though we are expecting any bill that reported out of the Senate Energy and Natural Resources Committee will authorize lower funding levels than those reflected in S. 2533, drought relief legislation introduced by Senator Feinstein.
- **Phase 2 Authorization.** Work continued on options to address the Phase 2 authorization ambiguities. Meetings were held with House and Senate offices as well as discussions regarding the dispute occurred with the Department of the Interior, with senior advisors to the Deputy Secretary. Those discussions are on-going.
- **Association of California Water Agencies.** TFG attended the Association of California Water Agencies (ACWA) spring conference meeting in May to build water user stakeholder support for the Authority's drought relief legislation priorities. TFG attended the Federal Affairs Committee meeting, among others, to provide support for the RIFIA proposal, for example, which was discussed at some length in a formal presentation by a representative of the National Water Resources Association (NWRA). In June, follow up occurred to this meeting, including discussions with water and power user stakeholders participating in the NWRA water project financing working group.
- **Western Water Priorities.** TFG continued to work with Ginger Bryant and the Western Water Priorities social media effort to provide content in support of federally backed financing and expanded grant assistance through the WaterSMART program.
- **Fiscal Year 2017 Budget Request and FY 2016 Work Plan.** TFG continued work to support extra funds in the Fiscal Year 2017 appropriations process to support Title XVI water reuse projects and similar authorities. On May 12, the Senate passed its version of the FY 2017 Energy and Water Development (E&W) funding on a vote of 90-8. The Senate E&W bill includes \$21.5 million for Title XVI projects and an additional \$100 million for drought relief projects west-wide, a portion of which is expected to be allocated to accelerate work on high priority water reuse projects.

On May 26th, as reported earlier, the House rejected their \$37.4 billion Energy and Water Development Appropriations bill, H.R. 5055 after two days of debate that had seemingly put it on a path to final passage. House and Senate leaders have already begun discussions about the continuing resolution, a bill that will continue funding programs at the Fiscal Year 2016 levels beyond October 1, 2016, the start of Fiscal Year 2017. Final passage of an E&W Fiscal Year 2017 spending bill will not occur until after the November election during a lame duck session, at the earliest.

The Oate Group ~ State Advocacy

- Helped to organize NBWRA Chair and Vice Chair call with Levine's office re: SB 163 (Hertzberg). Also met with Levine's staff on issue.
- In coordination with NBWRA staff and consultants, developed cost information and an opposition letter that tracked with the CASA and Water Reuse positions.
- Worked with coalition in opposition to the bill before bill hearing in Environmental Safety and Toxics Committee. Testified in committee on NBWRA's behalf.
- Worked with NBWRA consultants re: key contacts to activate other California recycled water purveyors with key legislative contacts.
- Provided SB 163-related updates to NBWRA Board and TAC.
- Provided a report on state issues during the June 27 TAC meeting.



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

ACTIVITIES: JUNE 1, 2016 THROUGH JUNE 30, 2016

TASK 1 WORKSHOPS/PUBLIC OUTREACH/MGT

1.1 Workshops

- Preparation and attendance at May 26, 2016 TAC meeting

1.3 Public Involvement

- Phone calls with project team members for collaboration on preparation of upcoming TAC & Board Workshop and Meetings.
- Attend TAC & Board meetings.
- Updating and maintaining relevant program content and news articles on project web site.
- Provide project information to Board & TAC members as requested.
- Prepare and coordinate uploading of timely content to WWP website, Twitter and Facebook related pages to support Western Water Priorities outreach efforts for S.2533 & H.R. 5247.
- Provided support to address Hertzberg bill.

1.4 Administration

- Performed project invoicing and developed activities report

TASK 2 TITLE XVI FEASIBILITY STUDY/REPORT

- Uploaded Sections 3 and 5 to SharePoint for Member Agency Review
- Internal review of Sections 1,2, 6 and 7
- Uploaded Sections 1,2,6, 7, and 9 to SharePoint for Member Agency Review
- Initiated analysis and draft of Section 9 Financial Capability
- Work on Technical Appendices
- Updated cost and benefit streams for economic analysis
- Team conference calls

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

- Respond to Reclamation inquiries regarding Phase 1 projects
- Engineering review of technical & cost issues associated with Hertzberg bill

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

June 2016 Progress Report

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

- Sent April 25, 2016 Board minutes to Agency staff for FY16/17 invoicing purposes.
- Reviewed and forwarded SB163 updates from State Lobbyist to Board and TAC. Reviewed and responded to emails from member agencies regarding same, including letters.
- Email communication with consultant regarding possible changes in SWRCB SRF funding allocations from EPA.
- Email communication with consultants, TAC Chair, and TAC Vice Chair regarding making June 27, 2016 meeting a web conference. Sent updated Outlook appointment regarding same.
- Prepared and distributed June 27, 2016 TAC web conference agenda packet.
- Prepped for and participated in June 27, 2016 TAC web conference.
- Set up and monitored Doodle Poll for special TAC meeting. Sent Outlook appointment for July 18, 2016 special TAC web conference meeting.
- Planned for and participated in consultant planning conference call for June 27, 2016 TAC meeting.
- Updated distribution lists, including review of TAC agenda list by TAC members.
- Reviewed news articles distributed by Outreach Consultant.

2.2 Task 2: Financial Management

- Reviewed and responded to email from Agency staff regarding USBR administrative costs for WaterSMART grant.
- Updated consultant cost tracking spreadsheet and reconciled with Agency trust worksheet. Split consultant Phase 1 and Phase 2 costs according to approved budget.
- Began process for developing Phase 2 cost sharing options, including discussions with consultants and member agency.

2.3 Task 3: Project Support and Review

- Received request from consultant regarding all Bay Area POTW discharges to the Bay. Contacted RWQCB, SFEI, BACWA, and EBDA regarding Regional Monitoring Program flow data. Received 2015 Nutrient report containing discharge flows and forwarded to consultant.
- Reviewed changes to Phase 2 project list from two member agencies.
- Responded to email request from TAC member regarding Phase 1 cost distribution and recycled water flows produced from Phase 1. Forwarded several spreadsheets regarding same.

2.4 Task 4: Program Planning

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

2.5 Task 5: Governance Issues

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

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Agenda Explanation
North Bay Water Reuse Authority
Board of Directors
July 26, 2016

ITEM NO. 7 FINANCIAL REPORT FOR THE PERIOD ENDING JUNE 30 2016

Action Requested: None at this time.

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

- a. Consultant Cost Tracking for FY2015/16 through June 30, 2016
- b. FY2015/16 Monthly Project Cost Summary as of June 30, 2016
- c. FY2015/16 Budget Allocations as of June 30, 2016
- d. FY2015/16 Transaction Summary as of June 30, 2016
- e. FY2015/16 Interest Earned as of June 30, 2016

Items a.-e. are summaries for FY2015/16. In the Consultant Cost Tracking spreadsheet costs by month are shown by column across the top. Only the most current three months of the fiscal year are shown, but data from July 2014 through June 2016 are included in the totals. Total costs for the two fiscal years are included. Percent remaining is based on the total budget for the two fiscal years. The rest of the SCWA items are as described above, except the data are for FY2015/16. Through June 30, 2016 all items are tracking normally.

Please refer to the Note on the first page of Item 7.d. There is a discrepancy due to mischarging of the \$24,000 amendment to funding for The Ferguson Group. It should all be charged to Phase 2, instead of 70%/30%, Phase 2/Phase 2. A final corrected Fiscal Year Ending June 30, 2016 Report will be included in the next Board Agenda packet.

Recommendation

None at this time.

North Bay Water Reuse Authority

July 22, 2016

Consultant Cost Tracking

Fiscal Year 2014/15 through Fiscal Year 2016/17

Only FY2014/15 and FY2015/16 have been approved	Apr-16	May-16	Jun-16	FY14/15 Final	FY15/16 YTD	2 FY Total	Amount Remaining	Percent Remaining	Approved 5/19/14	Approved 4/27/15	Proposed	Proposed
Phase 1 Support									FY2014/15	FY2015/16	FY2016/17	3-Year Total
Grant Applications and Management - CDM Smith	-	-	-	20,122	-	20,122	29,560	23.65%	125,000	-	-	-
Grant Applications and Management - B&C	2,562	4,039	4,645	36,495	72,241	108,736	41,890	27.81%	72,628	77,998	46,993	197,619
Program Development (40% of \$190,200 total) - Bryant	7,160	6,007	6,007	81,743	76,346	158,089	(5,929)	-3.90%	76,080	76,080	76,080	228,240
Federal Advocacy (30% of \$88,000 total) - TFG sub to Bryant	2,842	2,615	2,718	27,979	32,042	60,022	(7,222)	-13.68%	26,400	26,400	26,400	79,200
Total Costs for Phase 1 Support	12,565	12,660	13,369	166,340	180,629	346,969	28,739	8.08%	175,108	180,478	149,473	505,059

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 per modification to Bryant agreement. Split 30% P1 and 70% P2.

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

Phase 2 Support									FY2014/15	FY2015/16	FY2016/17	3-Year Total
Program Development (60% of \$190,200 total) - Bryant	10,740	9,010	9,010	112,885	114,519	227,404	836	0.37%	114,120	114,120	114,120	342,360
Federal Advocacy (70% of \$88,000 total) - TFG sub to Bryant	6,632	6,101	6,341	59,228	74,765	133,993	13,207	8.97%	61,600	85,600	61,600	208,800
Total Costs for Phase 2 Support	17,372	15,111	15,351	172,112	189,284	361,396	14,044	3.74%	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	84,042	73,640	77,051	460,660	874,799	1,335,459	395,512	22.85%	823,335	907,636	1,063,789	2,794,760
SCWA Administration, Grants, and EIR/EIS	6,869	3,111	5,801	32,013	41,447	73,460	175,582	70.50%	116,836	132,205	150,958	400,000
Total Costs for Study	90,910	76,750	82,852	492,673	916,245	1,408,919	571,094	28.84%	940,171	1,039,841	1,214,747	3,194,760
Total Costs for Phase 2	108,283	91,861	98,203	664,786	1,105,530	1,770,315	585,138	24.84%	1,115,891	1,239,561	1,390,467	3,745,920

Joint Use									FY2014/15	FY2015/16	FY2016/17	3-Year Total
Program Management - Weir	3,654	690	3,880	46,917	51,582	98,499	47,501	32.53%	70,500	75,500	75,500	221,500
State Advocacy - The Onate Group (Sub to Bryant)	3,000	3,000	3,000	36,000	36,000	72,000	-	0.00%	36,000	36,000	36,000	108,000
SCWA Administration	11,127	14,694	17,740	73,702	152,302	226,004	43,996	16.29%	135,000	135,000	135,000	405,000
Total Costs for Joint Use	17,781	18,384	24,620	156,619	239,884	396,503	91,497	18.75%	241,500	246,500	246,500	734,500

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

Total Costs									FY2014/15	FY2015/16	FY2016/17	3-Year Total
Weir	3,654	690	3,880	46,917	51,582	98,499	47,501	32.53%	70,500	75,500	75,500	221,500
Bryant & Associates	30,375	26,732	27,075	308,725	333,672	642,397	10,003	1.53%	314,200	338,200	314,200	966,600
Brown & Caldwell	86,604	77,679	81,695	494,736	947,040	1,441,776	439,821	23.37%	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	17,996	17,804	23,541	105,715	193,749	299,463	219,578	42.30%	251,836	267,205	285,958	805,000
Total Costs for NBWRA	138,628	122,905	136,192	956,093	1,526,043	2,482,136	716,903	22.41%	1,532,499	1,666,539	1,786,440	4,985,479

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 June 30, 2016**

TOTAL FY 15/16 PROJECT COSTS

Project	Consultant	Original Budget	Amend	Revised Budget	Original Contract	Amend	Total Contract	Uncommitted	Total Expenses	Remaining	% Avail.
Program Management	Weir Technical Services	109,733	-	109,733	109,733	-	109,733	-	51,582	58,150	53.0%
Planning, Engineering and Funding Management	B&C	1,412,861	(24,000)	1,388,861	1,412,861	(24,000)	1,388,861	-	982,111	406,750	29.3%
Program Development and Federal Funding	Bryant & Associates	319,648	24,000	343,648	319,648	24,000	343,648	-	339,488	4,161	1.2%
SCWA Administration	SCWA	425,231	-	425,231	425,231	-	425,231	-	192,706	232,525	54.7%
TOTAL BUDGET		\$ 2,267,473	\$ -	\$ 2,267,473	\$ 2,267,473	\$ -	\$ 2,267,473	\$ -	\$ 1,565,887	\$ 701,586	30.9%

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

1. Carryover from FY14/15 included

FY14/15 Agreement Rollovers

Project	Consultant	Original Budget	Amend	Carryover	Original Contract (remaining)	Amend	Total Contract	Uncommitted	Total Expenses	Remaining	% Avail.
Program Management (Joint Use)	Weir	34,233	-	34,233	34,233	-	34,233	-	34,233	-	0.0%
Planning, Engineering and Funding Management PHASE 1	B&C	38,552	-	38,552	38,552	-	38,552	-	38,552	-	0.0%
Planning, Engineering and Funding Management PHASE 2	B&C	364,675	-	364,675	364,675	-	364,675	-	364,675	-	0.0%
Program Development and Federal Funding PHASE 1	Bryant & Associates	1,840	-	1,840	1,840	-	1,840	-	1,840	(0)	0.0%
Program Development and Federal Funding PHASE 2	Bryant & Associates	3,608	-	3,608	3,608	-	3,608	-	3,608	0	0.0%
SCWA Administration Phase 2	SCWA	95,725	-	95,725	95,725	-	95,725	-	41,447	54,278	56.7%
SCWA Administration Joint Use	SCWA	62,301	-	62,301	62,301	-	62,301	-	62,301	-	0.0%
TOTAL BUDGET		\$ 600,934	\$ -	\$ 600,934	\$ 600,934	\$ -	\$ 600,934	\$ -	\$ 546,656	\$ 54,278	9.03%

1. GBA carryover is for expenses

\$ 600,934

Phase 1

Project	Consultant	Original Budget	Amend	Revised Budget	Original Contract	Amend	Total Contract	Uncommitted	Total Expenses	Remaining	% Avail.
Grant Applications and Management	B&C	77,998	-	77,998	77,998	-	77,998	-	57,689	20,309	26.0%
Program Development & Federal Advocacy	Bryant & Associates	102,480	-	102,480	102,480	-	102,480	-	107,163	(4,683)	-4.6%
TOTAL BUDGET		\$ 180,478	\$ -	\$ 180,478	\$ 180,478	\$ -	\$ 180,478	\$ -	\$ 164,852	\$ 15,626	8.66%

Phase 2

Project	Consultant	Original Budget	Amend	Revised Budget	Original Contract	Amend	Total Contract	Uncommitted	Total Expenses	Remaining	% Avail.
Engineering, Environmental, and Outreach Services	B&C	931,636	(24,000)	907,636	931,636	(24,000)	907,636	-	521,195	386,441	42.6%
Program Development & Federal Advocacy	Bryant & Associates	175,720	24,000	199,720	175,720	24,000	199,720	-	190,876	8,844	4.4%
Administration - Grants and EIR/EIS	SCWA	132,205	-	132,205	132,205	-	132,205	-	-	132,205	100.0%
TOTAL BUDGET		\$ 1,239,561	\$ -	\$ 1,239,561	\$ 1,239,561	\$ -	\$ 1,239,561	\$ -	\$ 712,071	\$ 527,490	42.55%

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

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

Joint Use

Project	Consultant	Original Budget	Amend	Revised Budget	Original Contract	Amend	Total Contract	Uncommitted	Total Expenses	Remaining	% Avail.
Program Management	Weir	75,500	-	75,500	75,500	-	75,500	-	17,350	58,150	77.0%
State Funding / State Outreach	Bryant & Associates	36,000	-	36,000	36,000	-	36,000	-	36,000	-	0.0%
Admin Agency Services	SCWA	135,000	-	135,000	135,000	-	135,000	-	88,958	46,042	34.1%
TOTAL BUDGET		\$ 246,500	\$ -	\$ 246,500	\$ 246,500	\$ -	\$ 246,500	\$ -	\$ 142,308	\$ 104,192	42.27%

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

2015/16 Budget Allocations

PHASE 1									
Approved by Board May 19, 2014 Reapproved FY 15/16 on April 27, 2015									
	Total Budget	Las Gallinas Sanitary District	Napa Sanitation District	Novato Sanitary District	Sonoma Valley County Sanitation District	Sonoma County Water Agency	Napa County	North Marin Water District	
% Share of Benefit (3rd Amended MOU)		7.239%	31.894%	8.611%	27.473%	3.571%	3.571%	17.640%	
BUDGETED EXPENSE ITEM									
Grant Applications and Management - B&C	\$ 77,998	\$ 5,646	\$ 24,877	\$ 6,716	\$ 21,428	\$ 2,786	\$ 2,786	\$ 13,759	
Program Development (40% of total) - Bryant	\$ 76,080	\$ 5,507	\$ 24,265	\$ 6,551	\$ 20,901	\$ 2,717	\$ 2,717	\$ 13,420	
Federal Advocacy (30% of total) - TFG sub to Bryant	\$ 26,400	\$ 1,911	\$ 8,420	\$ 2,273	\$ 7,253	\$ 943	\$ 943	\$ 4,657	
Contingency - included in consultant costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
TOTAL CONSULTANT BUDGET	\$ 180,478	\$ 13,065.00	\$ 57,562.00	\$ 15,541.00	\$ 49,582.00	\$ 6,446.00	\$ 6,446.00	\$ 31,836.00	

PHASE 2										
<i>Approved by Board May 19, 2014</i> <i>Reapproved FY 15/16 on April 27, 2015</i>										
Total Budget	Las Gallinas Sanitary District	Napa Sanitation District	Novato Sanitary District	Sonoma Valley County Sanitation District	Sonoma County Water Agency	Napa County	North Marin Water District	City of Petaluma	Marin Municipal Water District	
% Share of Benefit (3rd Amended MOU)	0.000%	35.188%	26.682%	3.911%	10.886%	0.000%	0.000%	23.333%	0.000%	
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	\$ 61,600	\$ -	\$ 21,676	\$ 16,436	\$ 2,409	\$ 6,706	\$ -	\$ 14,373	\$ -	
Engineering, Environmental, and Outreach Services - B&C	\$ 931,636	\$ -	\$ 327,821	\$ 248,576	\$ 36,440	\$ 101,417	\$ -	\$ 217,382	\$ -	
SCWA Administration - Grants and EIR/EIS	\$ 132,205	\$ -	\$ 46,520	\$ 35,275	\$ 5,171	\$ 14,392	\$ -	\$ 30,848	\$ -	
Contingency	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
TOTAL CONSULTANT BUDGET	\$ 1,239,561	\$ -	\$ 436,173	\$ 330,736	\$ 48,484	\$ 134,937	\$ -	\$ 289,231	\$ -	

Joint Use										
<i>Approved by Board May 19, 2014</i> <i>Reapproved FY 15/16 on April 27, 2015</i>										
Total Budget	Las Gallinas Sanitary District	Napa Sanitation District	Novato Sanitary District	Sonoma Valley County Sanitation District	Sonoma County Water Agency	Napa County	North Marin Water District	City of Petaluma	Marin Municipal Water District	
% Share of Benefit (3rd Amended MOU)	12.500%	12.500%	12.500%	12.500%	12.500%	12.500%	12.500%	12.500%	0.000%	
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)	\$ 36,000	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ -	
SCWA Administration	\$ 135,000	\$ 16,875	\$ 16,875	\$ 16,875	\$ 16,875	\$ 16,875	\$ 16,875	\$ 16,875	\$ -	
Contingency - included in consultant costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
TOTAL CONSULTANT BUDGET	\$ 246,500	\$ 30,812	\$ 30,812	\$ 30,813	\$ 30,813	\$ 30,812	\$ 30,812	\$ 30,813	\$ 30,813	\$ -

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

Notes:

\$1 subtracted to correct rounding issues

North Bay Water Reuse Authority
July 1, 2015 to Date Transaction Summary
as of June 30, 2016
PHASE 1

Item No. 7.d

Date	Description	Amount	
	Beginning Balance	137,183.22	b
9/9/2015	Bryant & Associates July 2015 (Split 9109.87)	(1,840.39)	p
9/9/2015	Bryant & Associates July 2015 (Split 9109.87)	(7,269.48)	p
9/10/2015	Brown & Caldwell Invoice 11249160	(2,419.15)	p
9/16/2015	LGVS - Phase I Fee (WTRN-1)	13,065.00	d
9/16/2015	County of Napa - Phase I Fee (WTRN-9)	6,446.00	d
9/16/2015	Napa San - Phase I Fee (WTRN-8)	57,562.00	d
9/16/2015	Bryant & Associates August 2015	(9,425.28)	p
9/23/2015	SCWA SC002 51917 (Labor Correction)	-	a1
9/28/2015	NMWD - Phase I Fee (WTRN-10)	31,836.00	d
10/1/2015	Brown & Caldwell Invoice 11250860	(11,077.99)	p
10/1/2015	SCWA - Phase I Fee (WTRN-1)	6,446.00	d
10/2/2015	Novato San - Phase I Fee (WTRN-7)	15,541.00	d
10/28/2015	Bryant & Associates September 2015	(9,614.60)	p
11/6/2015	Brown & Caldwell Invoice 11252901	(2,880.00)	p
12/1/2015	SVCSD - Phase I Fee (WTRN-2)	49,582.00	d
12/3/2015	Bryant & Associates October 2015	(8,995.00)	p
12/15/2015	Brown & Caldwell Invoice 11255432	(3,844.50)	p
12/15/2015	Bryant & Associates November 2015	(8,619.49)	p
1/11/2016	Brown & Caldwell Invoice 11256602 (Split)	(18,330.63)	p
1/11/2016	Brown & Caldwell Invoice 11256602 (Split)	(6,048.87)	p
1/19/2016	Bryant & Associates December 2015	(8,930.12)	p
2/2/2016	Brown & Caldwell Invoice 11259401	(24,478.31)	p
2/22/2016	Bryant & Associates January 2016	(9,651.94)	p
3/8/2016	Bryant & Associates February 2016	(8,629.19)	p
3/8/2016	Brown & Caldwell Invoice 11261358	(2,085.00)	p
4/13/2016	Brown & Caldwell Invoice 11263572	(1,823.78)	p
4/18/2016	Bryant & Associates March 2016	(8,679.99)	p
5/9/2016	Brown & Caldwell Invoice 11265415	(12,007.53)	p
5/11/2016	Bryant & Associates April 2016	(10,002.52)	p
5/16/2016	Federal Express (ERROR)	(54.17)	m
6/2/2016	Brown & Caldwell Invoice 11267665	(2,562.00)	p
6/9/2016	Bryant & Associates May 2016	(8,621.35)	p
6/17/2016	Federal Express (CORRECTION)	54.17	m
6/28/2016	Brown & Caldwell Invoice 11269423	(4,038.75)	p
6/30/2016	Bryant & Associates June 2016	(8,724.25)	p
6/30/2016	Brown & Caldwell Invoice 11270457	(4,644.75)	p

Current NBWRA Balance **112,416.36**

PENDING

Projected Balance **112,416.36**

NBWRA Reconciliation	
Beginning Balance	137,183.22
Deposits	180,478.00
Interest Earnings	-
Payments	(205,244.86)
	112,416.36

Las Galinas	Napa	Novato	SVCSD	SCWA	Napa County	North Marin Water Dist.
6,354.95	45,238.53	8,526.91	38,256.59	5,633.90	5,487.92	27,684.99
(133.22)	(586.98)	(158.48)	(505.61)	(65.73)	(65.73)	(324.64)
(526.23)	(2,318.56)	(625.98)	(1,997.13)	(259.62)	(259.62)	(1,282.33)
(175.12)	(771.57)	(208.32)	(664.61)	(86.40)	(86.40)	(426.74)
13,065.00					6,446.00	
	57,562.00					
(682.28)	(3,006.14)	(811.62)	(2,589.39)	(336.62)	(336.62)	(1,662.61)
-	-	-	-	-	-	-
(801.92)	(3,533.26)	(953.94)	(3,043.44)	(395.64)	(395.64)	(1,954.15)
		15,541.00		6,446.00		
(695.99)	(3,066.52)	(827.92)	(2,641.40)	(343.38)	(343.38)	(1,696.01)
(208.48)	(918.56)	(248.00)	(791.22)	(102.86)	(102.86)	(508.03)
			49,582.00			
(651.13)	(2,868.90)	(774.57)	(2,471.18)	(321.25)	(321.25)	(1,586.71)
(278.30)	(1,226.18)	(331.05)	(1,056.19)	(137.30)	(137.30)	(678.17)
(623.95)	(2,749.14)	(742.23)	(2,368.02)	(307.84)	(307.84)	(1,520.47)
(1,326.93)	(5,846.45)	(1,578.47)	(5,035.94)	(654.67)	(654.67)	(3,233.51)
(437.87)	(1,929.25)	(520.87)	(1,661.80)	(216.03)	(216.03)	(1,067.02)
(646.44)	(2,848.21)	(768.98)	(2,453.36)	(318.93)	(318.93)	(1,575.27)
(1,771.95)	(7,807.21)	(2,107.85)	(6,724.88)	(874.23)	(874.23)	(4,317.96)
(698.69)	(3,078.43)	(831.14)	(2,651.66)	(344.71)	(344.71)	(1,702.60)
(624.65)	(2,752.23)	(743.07)	(2,370.68)	(308.19)	(308.19)	(1,522.18)
(150.93)	(665.00)	(179.54)	(572.81)	(74.46)	(74.46)	(367.79)
(132.02)	(581.68)	(157.05)	(501.04)	(65.14)	(65.14)	(321.71)
(628.33)	(2,768.43)	(747.44)	(2,384.64)	(310.00)	(310.00)	(1,531.15)
(869.21)	(3,829.73)	(1,033.98)	(3,298.81)	(428.84)	(428.84)	(2,118.12)
(724.07)	(3,190.25)	(861.33)	(2,747.98)	(357.23)	(357.23)	(1,764.44)
(3.92)	(17.28)	(4.66)	(14.88)	(1.93)	(1.93)	(9.56)
(185.46)	(817.13)	(220.62)	(703.85)	(91.50)	(91.50)	(451.94)
(624.09)	(2,749.73)	(742.39)	(2,368.53)	(307.91)	(307.91)	(1,520.80)
3.92	17.28	4.66	14.88	1.93	1.93	9.56
(292.36)	(1,288.14)	(347.78)	(1,109.56)	(144.24)	(144.24)	(712.43)
(631.54)	(2,782.55)	(751.25)	(2,396.80)	(311.58)	(311.58)	(1,538.95)
(336.23)	(1,481.42)	(399.96)	(1,276.04)	(165.88)	(165.88)	(819.33)
4,562.59	37,338.88	6,394.06	31,452.01	4,749.72	4,603.75	23,315.91

LG	Napa	Nov	SV	SCWA	Napa County	North Marin
4.06%	33.21%	5.69%	27.98%	4.23%	4.10%	20.74%
6,354.95	45,238.53	8,526.91	38,256.59	5,633.90	5,487.92	27,684.99
13,065.00	57,562.00	15,541.00	49,582.00	6,446.00	6,446.00	31,836.00
(14,857.36)	(65,461.65)	(17,673.85)	(56,386.57)	(7,330.17)	(7,330.17)	(36,205.07)
4,562.59	37,338.88	6,394.06	31,452.01	4,749.72	4,603.75	23,315.91

NBWRA Obligations						
Vendor	Encumbrances	Paid to date	Adjustments	Balance	Expires	% Spent
B&C FY14/15	38,552.27	38,552.27	-	-	6/30/2017	100%
B&C FY15/16	77,998.00	57,688.99	-	20,309.01	6/30/2017	74%
Bryant & Associates FY14/15	1,840.39	1,840.39	-	(0.00)	6/30/2017	100%
Bryant & Associates FY15/16	102,480.00	107,163.21	-	(4,683.21)	6/30/2017	105%
Total	220,870.66	205,244.86	-	15,625.80		
	Unencumbered	Spent	Misc.	Balance		% Spent
Admin Agency Services	-	-	-	-		#DIV/0!
Contingency	-	-	-	-		#DIV/0!
Total	-	-	-	-		
Miscellaneous Expenses						
	Scheduled costs	Expenses	Adjustments	Balance		% Spent
Total	220,870.66	205,244.86		15,625.80		93%

* 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, 2015 to Date Transaction Summary
as of June 30, 2016
PHASE 2

Item No. 7.d

<u>Date</u>	<u>Description</u>	<u>Amount</u>			<u>Las Galinas</u>	<u>Napa</u>	<u>Novato</u>	<u>SVCSD</u>	<u>SCWA</u>	<u>City of Petaluma</u>	<u>Marin Muni Water Dist.</u>
	Beginning Balance	466,540.87	b		647.63	163,217.14	123,918.51	18,718.55	50,941.62	108,449.81	647.63
8/21/2015	Salary/Assn Chgs Applied	(3,205.56)	p	a1	-	(1,127.96)	(855.30)	(125.38)	(348.95)	(747.96)	-
8/27/2015	Salary/Assn Chgs Applied	(2,766.61)	p	a1	-	(973.51)	(738.18)	(108.21)	(301.17)	(645.54)	-
9/10/2015	Bryant & Associates July 2015	(15,828.26)	p	ba2	-	(5,569.60)	(4,223.25)	(619.11)	(1,723.05)	(3,693.26)	-
9/11/2015	Brown & Caldwell Invoice 11249160	(89,521.51)	p	bc1	-	(31,500.55)	(23,885.84)	(3,501.55)	(9,745.21)	(20,888.35)	-
9/14/2015	Salary/Assn Chgs Applied	(1,563.70)	p	a1	-	(550.23)	(417.22)	(61.16)	(170.22)	(364.86)	-
9/16/2015	Napa San - Phase II Fee (WTRN-8)	436,173.00	d			436,173.00					
9/16/2015	Bryant & Associates August 2015	(16,970.10)	p	ba2	-	(5,971.39)	(4,527.91)	(663.77)	(1,847.35)	(3,959.69)	-
10/1/2015	SCWA - Phase II Fee (WTRN-1)	134,937.00	d						134,937.00		
10/1/2015	Brown & Caldwell Invoice 11250860	(77,845.17)	p	bc1	-	(27,391.92)	(20,770.40)	(3,044.84)	(8,474.14)	(18,163.87)	-
10/2/2015	Novato San - Phase II Fee (WTRN-7)	330,736.00	d				330,736.00				
10/21/2015	Salary/Assn Chgs Applied	(1,564.28)	p	a1	-	(550.43)	(417.38)	(61.19)	(170.29)	(365.00)	-
10/23/2015	Petaluma - Phase II Fee (WTRN-5)	289,231.00	d							289,231.00	
10/28/2015	Bryant & Associates September 2015	(16,677.10)	p	ba2	-	(5,868.29)	(4,449.73)	(652.31)	(1,815.45)	(3,891.32)	-
11/6/2015	Brown & Caldwell Invoice 11252901	(121,217.68)	p	bc1	-	(42,653.70)	(32,342.92)	(4,741.32)	(13,195.62)	(28,284.13)	-
11/9/2015	Salary/Assn Chgs Applied	(751.29)	p	a1	-	(264.36)	(200.46)	(29.39)	(81.78)	(175.30)	-
11/19/2015	Salary/Assn Chgs Applied	(393.24)	p	a1	-	(138.37)	(104.92)	(15.38)	(42.81)	(91.76)	-
11/23/2015	Salary/Assn Chgs Applied	(259.92)	p	a1	-	(91.46)	(69.35)	(10.17)	(28.29)	(60.65)	-
12/1/2015	SVCSD - Phase II Fee (WTRN-2)	48,484.00	d					48,484.00			
12/3/2015	Bryant & Associates October 2015	(15,909.18)	p	ba2	-	(5,598.07)	(4,244.84)	(622.27)	(1,731.86)	(3,712.14)	-
12/8/2015	Salary/Assn Chgs Applied	(246.11)	p	a1	-	(86.60)	(65.67)	(9.63)	(26.79)	(57.43)	-
12/15/2015	Brown & Caldwell Invoice 11255432	(66,665.47)	p	bc1	-	(23,458.04)	(17,787.47)	(2,607.56)	(7,257.13)	(15,555.28)	-
12/15/2015	Bryant & Associates November 2015	(15,106.59)	p	ba2	-	(5,315.66)	(4,030.69)	(590.88)	(1,644.49)	(3,524.87)	-
12/31/2015	Salary/Assn Chgs Applied	(132.26)	p	a1	-	(46.54)	(35.29)	(5.17)	(14.40)	(30.86)	-
12/31/2015	Salary/Assn Chgs Applied	(153.76)	p	a1	-	(54.10)	(41.03)	(6.01)	(16.74)	(35.88)	-
1/11/2016	Brown & Caldwell Invoice 11256602 (Split)	(9,424.88)	p	bc1	-	(3,316.40)	(2,514.72)	(368.65)	(1,025.98)	(2,199.14)	-
1/11/2016	Brown & Caldwell Invoice 11256602 (Split)	(61,881.87)	p	bc2	-	(21,774.80)	(16,511.12)	(2,420.45)	(6,736.39)	(14,439.10)	-
1/19/2016	Bryant & Associates December 2015	(15,551.51)	p	ba2	-	(5,472.22)	(4,149.40)	(608.28)	(1,692.92)	(3,628.69)	-
1/27/2016	Salary/Assn Chgs Applied	(682.69)	p	a1	-	(240.22)	(182.15)	(26.70)	(74.32)	(159.29)	-
2/1/2016	Salary/Assn Chgs Applied	(4,396.78)	p	a1	-	(1,547.13)	(1,173.13)	(171.98)	(478.63)	(1,025.92)	-
2/1/2016	Salary/Assn Chgs Applied	(132.28)	p	a1	-	(46.55)	(35.29)	(5.17)	(14.40)	(30.87)	-
2/2/2016	Brown & Caldwell Invoice 11259401	(33,498.90)	p	bc2	-	(11,787.49)	(8,938.07)	(1,310.28)	(3,646.65)	(7,816.41)	-
2/16/2016	Salary/Assn Chgs Applied	(5,690.24)	p	a1	-	(2,002.26)	(1,518.25)	(222.57)	(619.43)	(1,327.72)	-
2/16/2016	Salary/Assn Chgs Applied	(132.28)	p	a1	-	(46.55)	(35.29)	(5.17)	(14.40)	(30.87)	-
2/22/2016	Bryant & Associates January 2016	(16,685.22)	p	ba2	-	(5,871.14)	(4,451.90)	(652.63)	(1,816.33)	(3,893.22)	-
3/3/2016	Salary/Assn Chgs Applied	(626.76)	p	a1	-	(220.54)	(167.23)	(24.52)	(68.23)	(146.24)	-
3/8/2016	Bryant & Associates February 2016	(15,129.23)	p	ba2	-	(5,323.63)	(4,036.73)	(591.77)	(1,646.95)	(3,530.15)	-
3/8/2016	Brown & Caldwell Invoice 11261358	(49,791.25)	p	bc2	-	(17,520.39)	(13,285.14)	(1,947.54)	(5,420.22)	(11,617.96)	-
3/11/2016	Salary/Assn Chgs Applied	(1,100.42)	p	a1	-	(387.21)	(293.61)	(43.04)	(119.79)	(256.76)	-
3/11/2016	Salary/Assn Chgs Applied	(171.23)	p	a1	-	(60.25)	(45.69)	(6.70)	(18.64)	(39.95)	-
3/31/2016	Salary/Assn Chgs Applied	(135.66)	p	a1	-	(47.74)	(36.20)	(5.31)	(14.77)	(31.65)	-
3/31/2016	Salary/Assn Chgs Applied	(1,561.17)	p	a1	-	(549.34)	(416.55)	(61.06)	(169.95)	(364.27)	-
4/12/2016	Salary/Assn Chgs Applied	(114.89)	p	a1	-	(40.43)	(30.65)	(4.49)	(12.51)	(26.81)	-
4/12/2016	Salary/Assn Chgs Applied	(1,348.73)	p	a1	-	(474.59)	(359.86)	(52.75)	(146.82)	(314.70)	-
4/13/2016	Brown & Caldwell Invoice 11263572	(62,249.87)	p	bc2	-	(21,904.29)	(16,609.31)	(2,434.85)	(6,776.45)	(14,524.97)	-
4/18/2016	Bryant & Associates March 2016	(15,184.41)	p	ba2	-	(5,343.04)	(4,051.46)	(593.92)	(1,652.96)	(3,543.03)	-
4/21/2016	Salary/Assn Chgs Applied	(1,850.45)	p	a1	-	(651.13)	(493.73)	(72.38)	(201.44)	(431.77)	-
4/21/2016	Salary/Assn Chgs Applied	(3,554.49)	p	a1	-	(1,250.74)	(948.40)	(139.03)	(386.94)	(829.38)	-
5/9/2016	Brown & Caldwell Invoice 11265415	(79,040.84)	p	bc2	-	(27,812.64)	(21,089.43)	(3,091.61)	(8,604.30)	(18,442.86)	-
5/11/2016	Bryant & Associates April 2016	(17,372.47)	p	ba2	-	(6,112.97)	(4,635.27)	(679.51)	(1,891.15)	(4,053.58)	-
5/12/2016	Salary/Assn Chgs Applied	(2,010.66)	p	a1	-	(707.50)	(536.48)	(78.65)	(218.88)	(469.15)	-
5/12/2016	Salary/Assn Chgs Applied	(772.63)	p	a1	-	(271.87)	(206.15)	(30.22)	(84.11)	(180.28)	-
5/19/2016	Salary/Assn Chgs Applied	(327.33)	p	a1	-	(115.18)	(87.34)	(12.80)	(35.63)	(76.38)	-
6/2/2016	Brown & Caldwell Invoice 11267665	(84,041.69)	p	bc2	-	(29,572.33)	(22,423.74)	(3,287.22)	(9,148.68)	(19,609.73)	-

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6/9/2016 Bryant & Associates May 2016	(15,110.94)	p	ba2	-	(5,317.19)	(4,031.85)	(591.05)	(1,644.96)	(3,525.89)	-
6/27/2016 Salary/Assn Chgs Applied	(642.03)	p	a1	-	(225.92)	(171.30)	(25.11)	(69.89)	(149.81)	-
6/27/2016 Salary/Assn Chgs Applied	(1,478.06)	p	a1	-	(520.10)	(394.37)	(57.81)	(160.90)	(344.88)	-
6/27/2016 Reassign charges (3/31, 4/12, 4/21, 5/12) to A/c N5 (Env)	7,237.02	p	a1	-	2,546.54	1,930.96	283.07	787.81	1,688.64	-
6/27/2016 Reassign charges (3/31, 4/12, 4/21, 5/12) to A/c N5 (Env)	(7,237.02)	p	a1	-	(2,546.54)	(1,930.96)	(283.07)	(787.81)	(1,688.64)	-
6/28/2016 Brown & Caldwell Invoice 11269423	(73,639.83)	p	bc2	-	(25,912.15)	(19,648.35)	(2,880.36)	(8,016.35)	(17,182.63)	-
6/28/2016 Salary/Assn Chgs Applied	(2,940.21)	p	a1	-	(1,034.59)	(784.50)	(115.00)	(320.07)	(686.05)	-
6/30/2016 Brown & Caldwell Invoice 11270457	(77,050.64)	p	bc2	-	(27,112.34)	(20,558.41)	(3,013.77)	(8,387.64)	(17,978.48)	-
6/30/2016 Salary/Assn Chgs Applied	(740.88)	p	a1	-	(260.70)	(197.68)	(28.98)	(80.65)	(172.87)	-
6/30/2016 Bryant & Associates June 2016	(15,351.05)	p	ba2	-	(5,401.68)	(4,095.92)	(600.44)	(1,671.10)	(3,581.91)	-
				-	-	-	-	-	-	-
Current NBWRA Balance	1,045,700.19			647.63	367,010.05	278,448.23	41,371.53	113,988.04	243,587.08	647.63
PENDING										
Projected Balance	1,045,700.19			647.63	367,010.05	278,448.23	41,371.53	113,988.04	243,587.08	647.63
<div> <div>LG</div> <div>Napa</div> <div>Nov</div> <div>SV</div> <div>SCWA</div> <div>Petaluma</div> <div>MMWD</div> </div>										
<div> <div>0.062%</div> <div>35.097%</div> <div>26.628%</div> <div>3.956%</div> <div>10.901%</div> <div>23.294%</div> <div>0.062%</div> </div>										

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

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

NBWRA Obligations								
Vendor	Encumbrances		Paid to date	Adjustments	Balance	Expires	% Spent	
B&C FY14/15	364,674.71	bc1	364,674.71	-	0.00	6/30/2017	100%	Carryover from LFY
B&C FY15/16	907,636.00	bc2	521,194.89	-	386,441.11	6/30/2017	57%	
Bryant & Associates FY14/15	3,607.88	ba1	3,607.88	-	0.00	6/30/2017	100%	Carryover from LFY
Bryant & Associates FY15/16	199,720.00	ba2	190,876.06	-	8,843.94	6/30/2017	96%	
Total	1,475,638.59		1,080,353.54	-	395,285.05			
Unencumbered			Spent	Misc.	Balance		% Spent	Carryover from LFY
Admin Agency Services FY14/15	95,724.88	a1	41,446.60	-	54,278.28		43%	
Admin Agency Services FY15/16	132,205.00	a2	-	-	132,205.00		0%	
Total	227,929.88		41,446.60	-	186,483.28			
Miscellaneous Expenses		m	-					
Scheduled costs			Expenses	Adjustments	Balance		% Spent	
Total	1,703,568.47		1,121,800.14	-	581,768.33		66%	

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

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12/3/2015 Bryant & Associates October 2015	(3,000.00)	p	ba2	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)
12/8/2015 Salary/Assn Chgs Applied	(3,602.63)	p	a2	(450.33)	(450.33)	(450.33)	(450.33)	(450.33)	(450.33)	(450.33)
12/15/2015 Bryant & Associates November 2015	(3,000.00)	p	ba2	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)
12/17/2015 Xtelesis Corporation	(15.05)	p	a2	(1.88)	(1.88)	(1.88)	(1.88)	(1.88)	(1.88)	(1.88)
12/21/2015 Weir Technical Services SCWA 11-15	(1,240.00)	p	w1	(155.00)	(155.00)	(155.00)	(155.00)	(155.00)	(155.00)	(155.00)
12/21/2015 Weir Technical Services SCWA 11-15 (Expenses)	(12.42)	p	w1	(1.55)	(1.55)	(1.55)	(1.55)	(1.55)	(1.55)	(1.55)
12/31/2015 Salary/Assn Chgs Applied	(3,263.50)	p	a2	(407.94)	(407.94)	(407.94)	(407.94)	(407.94)	(407.94)	(407.94)
12/31/2015 Salary/Assn Chgs Applied	0.00	p	a2	-	-	-	-	-	-	-
1/5/2016 Xtelesis Corporation	(9.35)	p	a2	(1.17)	(1.17)	(1.17)	(1.17)	(1.17)	(1.17)	(1.17)
1/11/2016 Weir Technical Services SCWA 12-15	(4,680.00)	p	w1	(585.00)	(585.00)	(585.00)	(585.00)	(585.00)	(585.00)	(585.00)
1/11/2016 Weir Technical Services SCWA 12-15 (Expenses)	(103.91)	p	w1	(12.99)	(12.99)	(12.99)	(12.99)	(12.99)	(12.99)	(12.99)
1/19/2016 Bryant & Associates December 2015	(3,000.00)	p	ba2	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)
1/27/2016 Salary/Assn Chgs Applied	(1,194.86)	p	a2	(149.36)	(149.36)	(149.36)	(149.36)	(149.36)	(149.36)	(149.36)
2/1/2016 Xtelesis Corporation	(4.50)	p	a2	(0.56)	(0.56)	(0.56)	(0.56)	(0.56)	(0.56)	(0.56)
2/4/2016 Weir Technical Services SCWA 01-16	(5,320.00)	p	w1	(665.00)	(665.00)	(665.00)	(665.00)	(665.00)	(665.00)	(665.00)
2/4/2016 Weir Technical Services SCWA 01-16 (Expenses)	(94.09)	p	w1	(11.76)	(11.76)	(11.76)	(11.76)	(11.76)	(11.76)	(11.76)
2/5/2016 Equip Revenue Clearing	40.00	p	a2	5.00	5.00	5.00	5.00	5.00	5.00	5.00
2/22/2016 Bryant & Associates January 2016	(3,000.00)	p	ba2	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)
3/3/2016 Salary/Assn Chgs Applied	(2,062.22)	p	a2	(257.78)	(257.78)	(257.78)	(257.78)	(257.78)	(257.78)	(257.78)
3/4/2016 Jan 18-20 DC Trip Expenses	(1,757.84)	p	a2	(219.73)	(219.73)	(219.73)	(219.73)	(219.73)	(219.73)	(219.73)
3/4/2016 Supplies	(14.05)	p	a2	(1.76)	(1.76)	(1.76)	(1.76)	(1.76)	(1.76)	(1.76)
3/7/2016 Weir Technical Services SCWA 02-16 (Split)	(2,775.97)	p	w1	(347.00)	(347.00)	(347.00)	(347.00)	(347.00)	(347.00)	(347.00)
3/7/2016 Weir Technical Services SCWA 02-16 (Split)	(1,384.03)	p	w2	(173.00)	(173.00)	(173.00)	(173.00)	(173.00)	(173.00)	(173.00)
3/7/2016 Weir Technical Services SCWA 02-16 (Expenses)	(6.91)	p	w2	(0.86)	(0.86)	(0.86)	(0.86)	(0.86)	(0.86)	(0.86)
3/8/2016 Bryant & Associates February 2016	(3,000.00)	p	ba2	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)
3/10/2016 Equip Revenue Clearing	(40.00)	p	a2	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)
3/11/2016 Salary/Assn Chgs Applied	(4,475.45)	p	a2	(559.43)	(559.43)	(559.43)	(559.43)	(559.43)	(559.43)	(559.43)
3/11/2016 Equip Revenue Clearing	(40.00)	p	a2	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)
3/12/2016 Xtelesis Corporation	(17.40)	p	a2	(2.18)	(2.18)	(2.18)	(2.18)	(2.18)	(2.18)	(2.18)
3/25/2016 Xtelesis Corporation	(6.70)	p	a2	(0.84)	(0.84)	(0.84)	(0.84)	(0.84)	(0.84)	(0.84)
3/31/2016 Mileage Reimbursement	(78.84)	p	a2	(9.86)	(9.86)	(9.86)	(9.86)	(9.86)	(9.86)	(9.86)
3/31/2016 Salary/Assn Chgs Applied	(6,827.88)	p	a2	(853.49)	(853.49)	(853.49)	(853.49)	(853.49)	(853.49)	(853.49)
3/31/2016 Equipment Usage Charges	40.00	p	a2	5.00	5.00	5.00	5.00	5.00	5.00	5.00
4/12/2016 Salary/Assn Chgs Applied	(5,225.59)	p	a2	(653.20)	(653.20)	(653.20)	(653.20)	(653.20)	(653.20)	(653.20)
4/14/2016 Weir Technical Services SCWA 03-16	(7,640.00)	p	w2	(955.00)	(955.00)	(955.00)	(955.00)	(955.00)	(955.00)	(955.00)
4/14/2016 Weir Technical Services SCWA 03-16 (Expenses)	(95.12)	p	w2	(11.89)	(11.89)	(11.89)	(11.89)	(11.89)	(11.89)	(11.89)
4/21/2016 Salary/Assn Chgs Applied	(5,895.94)	p	a2	(736.99)	(736.99)	(736.99)	(736.99)	(736.99)	(736.99)	(736.99)
4/18/2016 Bryant & Associates March 2016	(3,000.00)	p	ba2	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)
4/19/2016 Jan 20 DC Trip Expense	(5.91)	p	a2	(0.74)	(0.74)	(0.74)	(0.74)	(0.74)	(0.74)	(0.74)
5/1/2016 Reverse Office supplies charged in error	12.98	d	a2	1.62	1.62	1.62	1.62	1.62	1.62	1.62
5/12/2016 Salary/Assn Chgs Applied	(6,952.64)	p	a2	(869.08)	(869.08)	(869.08)	(869.08)	(869.08)	(869.08)	(869.08)
5/10/2016 Weir Technical Services SCWA 04-16	(3,560.00)	p	w2	(445.00)	(445.00)	(445.00)	(445.00)	(445.00)	(445.00)	(445.00)
5/10/2016 Weir Technical Services SCWA 04-16 (Expenses)	(93.60)	p	w2	(11.70)	(11.70)	(11.70)	(11.70)	(11.70)	(11.70)	(11.70)
5/12/2016 Xtelesis Corporation	(7.20)	p	a2	(0.90)	(0.90)	(0.90)	(0.90)	(0.90)	(0.90)	(0.90)
5/11/2016 Bryant & Associates April 2016	(3,000.00)	p	ba2	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)
5/19/2016 Salary/Assn Chgs Applied	(4,788.43)	p	a2	(598.55)	(598.55)	(598.55)	(598.55)	(598.55)	(598.55)	(598.55)
5/19/2016 NBWRA tour lunch	(176.60)	p	a2	(22.08)	(22.08)	(22.08)	(22.08)	(22.08)	(22.08)	(22.08)

North Bay Water Reuse Authority
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Joint Use

5/23/2016 March 21-24 DC Trip Expenses	(1,093.47)	p	a2	(136.68)	(136.68)	(136.68)	(136.68)	(136.68)	(136.68)	(136.68)	(136.68)	(136.68)
5/23/2016 March 21-24 DC Trip Expenses	(503.20)	p	a2	(62.90)	(62.90)	(62.90)	(62.90)	(62.90)	(62.90)	(62.90)	(62.90)	(62.90)
5/23/2016 March 21-24 DC Trip Expenses	(1,182.20)	p	a2	(147.78)	(147.78)	(147.78)	(147.78)	(147.78)	(147.78)	(147.78)	(147.78)	(147.78)
5/20/2016 Xtelesis Corporation	(3.10)	p	a2	(0.39)	(0.39)	(0.39)	(0.39)	(0.39)	(0.39)	(0.39)	(0.39)	(0.39)
6/9/2016 Bryant & Associates May 2016	(3,000.00)	p	ba2	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)
6/27/2016 Salary/Assn Chgs Applied	(3,915.01)	p	a2	(489.38)	(489.38)	(489.38)	(489.38)	(489.38)	(489.38)	(489.38)	(489.38)	(489.38)
6/27/2016 Equip Revenue Clearing	(80.00)	p	a2	(10.00)	(10.00)	(10.00)	(10.00)	(10.00)	(10.00)	(10.00)	(10.00)	(10.00)
6/27/2016 Weir Technical Services SCWA 05-16	(680.00)	p	w2	(85.00)	(85.00)	(85.00)	(85.00)	(85.00)	(85.00)	(85.00)	(85.00)	(85.00)
6/27/2016 Weir Technical Services SCWA 05-16 (Expenses)	(9.91)	p	w2	(1.24)	(1.24)	(1.24)	(1.24)	(1.24)	(1.24)	(1.24)	(1.24)	(1.24)
6/28/2016 Salary/Assn Chgs Applied	(5,569.74)	p	a2	(696.22)	(696.22)	(696.22)	(696.22)	(696.22)	(696.22)	(696.22)	(696.22)	(696.22)
6/30/2016 Bryant & Associates June 2016	(3,000.00)	p	ba2	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)
6/30/2016 Xtelesis Corporation	(8.55)	p	a2	(1.07)	(1.07)	(1.07)	(1.07)	(1.07)	(1.07)	(1.07)	(1.07)	(1.07)
6/30/2016 Salary/Assn Chgs Applied	(1,139.49)	p	a2	(142.44)	(142.44)	(142.44)	(142.44)	(142.44)	(142.44)	(142.44)	(142.44)	(142.44)
6/30/2016 Weir Technical Services SCWA 06-16	(3,880.00)	p	w2	(485.00)	(485.00)	(485.00)	(485.00)	(485.00)	(485.00)	(485.00)	(485.00)	(485.00)
6/30/2016 Salary/Assn Chgs Applied	(6,145.02)	p	a2	(768.13)	(768.13)	(768.13)	(768.13)	(768.13)	(768.13)	(768.13)	(768.13)	(768.13)
Current NBWRA Balance	210,470.10			22,160.92	22,161.92	22,162.92	22,162.92	22,160.92	22,161.92	22,161.92	22,161.92	18,452.05
PENDING				-	-	-	-	-	-	-	-	-
Projected Balance	210,470.10			22,160.92	22,161.92	22,162.92	22,162.92	22,160.92	22,161.92	22,161.92	22,161.92	18,452.05

NBWRA Reconciliation	
Beginning Balance	192,811.96
Deposits	225,699.98
Interest Earnings	-
Payments	(238,854.84)
Balance	179,657.10

LG	Napa	Nov	SV	SCWA	Napa County	North Marin	Petaluma
10.529%	10.530%	10.530%	10.530%	10.529%	10.530%	10.530%	8.767%
21,204.15	21,205.15	21,205.15	21,205.15	21,204.15	21,205.15	21,204.15	17,494.28
30,813.62	30,813.62	30,814.62	1.62	30,813.62	30,813.62	30,814.62	30,814.62
-	-	-	-	-	-	-	-
(29,856.86)	(29,856.86)	(29,856.86)	(29,856.86)	(29,856.86)	(29,856.86)	(29,856.86)	(29,856.86)
22,160.92	22,161.92	22,162.92	(8,650.08)	22,160.92	22,161.92	22,161.92	18,452.05

NBWRA Obligations							
Vendor	Encumbrances		Paid to date	Adjustments	Balance	Expires	% Spent
Weir Technical Services FY14/15	34,232.67	w1	34,232.67	-	0.00	6/30/2017	100%
Weir Technical Services FY15/16	75,500.00	w2	17,349.57	-	58,150.43	6/30/2017	23%
Bryant & Associates FY15/16	36,000.00	ba2	36,000.00	-	-	6/30/2017	100%
Total	145,732.67		87,582.24	-	58,150.43		
	Unencumbered		Spent	Misc.	Balance		% Spent
Admin Agency Services FY14/15	62,301.39	a1	62,217.09	84.30	0.00		100%
Admin Agency Services FY15/16	135,000.00	a2	88,958.23		46,041.77		66%
Unallocated funds	64,595.89	ua	-	-	64,595.89		0%
Contingency	-	c	-	-	-		#DIV/0!
Total	261,897.28		151,175.32	84.30	110,637.66		
Miscellaneous Expenses		m	84.30				
	Scheduled costs		Expenses	Adjustments	Balance		% Spent
Total	407,629.95		238,757.56	84.30	168,788.09		59%

Carryover from LFY

Carryover from LFY

North Bay Water Reuse Authority
July 1, 2015 to Date Transaction Summary
as of June 30, 2016
Discretionary

Item No. 7.d

<u>Date</u>	<u>Description</u>	<u>Amount</u>			<u>Combined</u>	<u>Marin Muni</u> <u>Water Dist.</u>	<u>Marin County</u>	<u>City of</u> <u>American Canyon</u>
	Beginning Balance	26,884.62	b		26,884.62	11,884.62	10,000.00	5,000.00
8/11/2015	NBWRA meeting room rental	(370.00)	p	rr	(370.00)			
9/9/2015	Baja Limo - Congressional Tour	(2,889.50)	p	ft	(2,889.50)			
10/2/2015	County of Marin - Associate Fee (WTRN-4)	5,000.00	d		5,000.00		5,000.00	
10/2/2015	American Canyon - Associate Fee (WTRN-3)	5,000.00	d		5,000.00			5,000.00
9/17/2015	Baja Limo - Congressional Tour (Correction)	(10.00)	p	ft	(10.00)			
10/5/2015	Lombardi's Catering (Fed Tour Lunch)	(508.78)	p	ft	(508.78)			
10/5/2015	Lombardi's Catering (Fed Tour Lunch)	(97.42)	p	ft	(97.42)			
10/23/2015	MMWD - Associate Fee (WTRN-6)	5,000.00	d		5,000.00	5,000.00		
11/10/2015	NBWRA tour lunches	(240.35)	p	st	(240.35)			
1/12/2016	NBWRA meeting room rental	(370.00)	p	rr	(370.00)			
3/23/2016	NBWRA meeting room rental	(385.00)	p	rr	(385.00)			
5/1/2016	NBWRA Federal tour lunch	(750.00)	p	ft	(750.00)			
5/19/2016	Room rental NBWRA Board mtg	(300.00)	p	rr	(300.00)			
6/22/2016	Room rental NBWRA Board mtg	(300.00)	p	rr	(300.00)			
Current NBWRA Balance		35,663.57			35,663.57	-	16,884.62	15,000.00
PENDING								
	WateReuse 2016 Conf Sponsorship (CalCard)	(500.00)			(500.00)			
Projected Balance		35,163.57			35,163.57	-	16,884.62	15,000.00
						MMWD	Marin County	AM

NBWRA Reconciliation	
Beginning Balance	26,884.62
Deposits	15,000.00
Interest Earnings	-
Payments	(6,221.05)
Balance	35,663.57

26,884.62	-	11,884.62	10,000.00	5,000.00
15,000.00	-	5,000.00	5,000.00	5,000.00
-	-	-	-	-
(6,221.05)	-	-	-	-
35,663.57	-	16,884.62	15,000.00	10,000.00

NBWRA Obligations						
<u>Vendor</u>	<u>Encumbrances</u>	<u>Paid to date</u>	<u>Adjustments</u>	<u>Balance</u>	<u>Expires</u>	<u>% Spent</u>
N/A						
Total	-	-	-	-		
<u>Project</u>	<u>Unencumbered</u>	<u>Spent</u>	<u>Misc.</u>	<u>Balance</u>		<u>% Spent</u>
Admin Agency Services (Unallocated)	-	ua	-	-		#DIV/0!
Admin Agency Services (Room Rental)	-	rr	1,725.00	(1,725.00)		#DIV/0!
Federal Congressional Tour	-	ft	4,255.70	(4,255.70)		#DIV/0!
State Congressional Tour	-	st	240.35	(240.35)		#DIV/0!
Total	-		6,221.05	(6,221.05)		
Miscellaneous Expenses		m	-			
	<u>Scheduled costs</u>	<u>Expenses</u>	<u>Adjustments</u>	<u>Balance</u>		<u>% Spent</u>
Total	-	6,221.05	-	(6,221.05)		#DIV/0!

**Interest
North Bay Water Reuse Authority
as of June 30, 2016**

FY2013/2014

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

FY2014/2015

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

FY2015/2016

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

FY2016/2017

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

Program Development, Federal, and State Advocacy Report

NBWRA Board Meeting

July 26, 2016

Today's Topics

- State Advocacy
- Program Development and Federal Advocacy

State Advocacy

State Advocacy – SB 163 Hertzberg

- As you may recall, prior to the June 14 hearing for the measure in Environmental Safety and Toxic Materials Committee, the bill was amended – yet still included a problematic 50 percent mandate and unclear water rights implications.
- Ultimately, the bill was not taken to a vote in the first hearing and a “special hearing” the following week was offered by the committee.
- The second, “special hearing” was cancelled in light of great opposition effort by CASA-led coalition, which included WateReuse and NBWRA.

State Advocacy - SB 163 Hertzberg

- On June 24, Senator Hertzberg circulated a letter to supporters indicating his intention to pursue the ocean discharge reduction mandate issue next year.
- The letter stated in part:
“SB 163 was an attempt to preserve a precious resource – fresh water – by setting a reasonable goal for treated water reuse while offering relief for those entities that need it...when faced with weakening the bill for this week’s hearing the Assembly, I chose to shelve it for the year and begin with a fresh bill next year.”

State Advocacy – SB 163 Hertzberg

- Dynamics for hearing a new bill for next year will change.
- Notably, Senator Pavley, who has experience with this issue in the past and is the longtime chair of Senate Natural Resources and Water Committee will be termed out.
- Similarly, Assemblymember Alejo, who chairs the Assembly Environmental Safety and Toxics Committee – the committee that sought to substantively pare the bill back – will also be termed out this year.

State Advocacy – SB 163 Hertzberg

- A very substantial coalition effort will again be required next year to address this issue.
- It should be noted that the Hertzberg letter also states that:
“Getting to solutions will require institutional changes at the state and local level, as well as system redesigns to ensure new alternatives for water supply and reliability are available in

the next ten to 15 years. Historically – and unfortunately – there is a strong preference in government to focus on immediate spending and benefits, rather than the long term.”

State Advocacy – Recycled Water Funding

- As previously reported, the remaining Prop. 1 recycled water funds will be appropriated to the SWRCB per the state budget as passed in June. (As you may recall, these funds were not immediately included in Governor’s January budget, but we joined WateReuse and others in pushing for inclusion).
- Specifically, the remaining funds - \$320 million – will be allocated to the SWRCB per this year’s budget action. As grant monies are limited, those projects that have been approved or are near approval will be vying for limited grant funds (though loan opportunities will be ongoing).

Program Development and Federal Advocacy

Program Development and Federal Advocacy

- Western Water Drought Bill: Expansion of WaterSMART Grants, Title XVI Reform and RIFIA Loan Program:
 - Expansion of WaterSMART grants for water reuse, storage and other related purposes
 - Title XVI reform to allow currently unauthorized projects to compete for Title XVI competitive construction dollars
 - RIFIA, providing access to low-cost, long-term federally backed financing
- The House and Senate are negotiating a compromise package for these bills and action is expected late September

Program Development and Federal Advocacy

- Phase 2 Authorization
 - Secured American Law Division legal opinion
 - Administrative options under review within the office of the Deputy Secretary of the Department of the Interior
 - Legislative options with approved ‘fix’ language available in the Drought Bill, Omnibus Appropriations, Public Lands and Energy Bills

Program Development and Federal Advocacy

- Federal Funding for Water Recycling
 - The Senate Energy & Water Appropriations bill includes \$21.5 million for Title XVI projects
 - The Senate Energy & Water Appropriations bill also includes an additional \$100 million for drought relief projects west-wide, a portion of which is expected to be allocated to accelerate work on high priority water recycling projects
- Questions?

NBWRP Feasibility Study Status

As of 7/21/16

Section	Description	Draft		Member Agency Review Status (Returned)				Final
		Posted to Sharepoint	Comments Due	Petaluma	SCWA	Novato SD	Napa SD	Posted to Sharepoint
Executive Summary								
1. Introduction	Non-Federal project sponsor(s).	6/ 29/ 2016	7/ 13/ 2016	7/ 18/ 2016		7/ 18/ 2016	7/ 6/ 2016	
	Description of the study area							
2. Problems and Needs	Water supply & demand	7/ 6/ 2016	7/ 27/ 2016				7/ 7/ 2016	
	Water quality							
	Current disposal activities							
3. Water Reclamation and Reuse Opportunities	Water and wastewater agencies	5/ 31/ 2016	6/ 21/ 2016	6/ 14/ 2016	6/ 23/ 2016	6/ 17/ 2016	6/ 17/ 2016	
	Current reuse and potential future supplies and use types							
	Initial list of Phase 2 projects by agency							
4. Description of Alternatives	Overview of alternatives evaluation process	5/ 19/ 2016	6/ 9/ 2016	6/ 14/ 2016	6/ 9/ 2016	6/ 29/ 2016	6/ 1/ 2016	
	selection.							
5. Proposed Title XI Program	Detailed description the projects within each Member Agency that	6/ 2/ 2016	6/ 21/ 2016	6/ 29/ 2016	6/ 23/ 2016	6/ 17/ 2016	6/ 17/ 2016	
6. Economic Analysis	The economic analysis and projections of the future with, and without, the project.	7/ 7/ 2016	7/ 27/ 2016	7/ 18/ 2016		7/ 19/ 2016	7/ 7/ 2016	
7. Environmental Consideration and Potential Effects	Sufficient information on each alternative to allow Reclamation to assess the potential measures	6/ 30/ 2016	7/ 19/ 2016	7/ 18/ 2016		7/ 19/ 2016	7/ 5/ 2016	
8. Legal and Institutional Requirements	Legal or institutional requirements or barriers to implementing the proposed Title XI project.	6/ 29/ 2016	7/ 13/ 2016	7/ 18/ 2016		7/ 18/ 2016	7/ 7/ 2016	
9. Financial Capability of the Sponsors	demonstrate financial capability if the project moves to construction"	7/ 21/ 2016	8/ 11/ 2016					
10. Research Needs	Description of research needs associated with the proposed water reclamation and reuse project	6/ 29/ 2016	7/ 13/ 2016	7/ 18/ 2016		7/ 18/ 2016		
Appendix A: Workshop Meeting Summaries	Proves stakeholder engagement	Complete, will be posted after section comments are received						
Appendix B:	Existing or Potential Special Studies Species in the Study Area							
Appendix C: Hydraulic Studies	Primarily Petaluma system							
Appendix D: Basis for Feasibility Construction Costs Estimates	Documentation of approach							
	Costs curves uses							
	Assumptions							
Appendix E: Geologic Conditions and geologic Constraints	Update and expansion of Phase 1							

ITEM NO. 11 PHASE 2 AGENCIES PRESENT REVISED LIST OF PROJECTS FOR PHASE 2 ENVIRONMENTAL ANALYSIS, DISCUSSION OF IMPACTS OF REVISIONS, AND CONSIDERATION OF A FINAL LIST OF PROJECTS

Action Requested: Board members from Phase 2 Participating Agencies will be asked to confirm their agency's Phase 2 Projects. The Board will discuss the impacts and revisions to the Feasibility Study and Project List and the impacts with Federal funding partners and legislative efforts. The Board may consider approving a final Phase 2 Project List for environmental analysis. Please note that Agenda Item No. 12 is closely linked to this discussion and the Board may wish to defer action on Item No. 11 until the conclusion of Item No. 12.

The TAC and Board have been reviewing and discussing the Phase 2 Project List for several months. Please refer to Table 4-10 from the Feasibility Study for information on the evolution of projects. In summary Table 4-10 shows the following:

Total Project Costs	Title XVI Project Costs	Non-Title XVI Project Costs	Program Level Costs
\$242.0 Million	\$83.0 Million	\$15.0 Million	\$87.0 Million

Over the past two months, some TAC members have indicated that for a variety of reasons they can no longer include some of the projects listed in Table 4-10. Please refer to the list of projects in the table included in the Supplemental Information for this report. The results are summarized in the following:

Total Project Costs	Title XVI Project Costs	Non-Title XVI Project Costs	Program Level Costs
\$55.2 Million	\$55.2 Million	\$0	\$0

A consequence of the changes to the value of the projects is cost sharing among the member agencies has drastically changed. The resulting changes have been reviewed by the TAC and discussions of alternate cost sharing options have been initiated. Without an acceptable cost sharing method, there is a possibility that the program may not be sustainable. Please refer to Agenda Item No. 12 for additional information on this topic.

Agenda Explanation
North Bay Water Reuse Authority
Board of Directors
July 26, 2016

Table 4-10. NBWRP Phase 2 Program Feasibility Level Estimates of Costs for Program Selection

Agency	Project Type	Project Title	Total Capital Costs (\$ mil)	Title XVI Project		Non-Title XVI Project	Program Level
Novato SD	Treatment	Novato SD WRP Capacity - 1 st Expansion (+0.85 MGD)	\$4.8	\$4.8	\$6.3		
		Novato SD WRP Capacity - 2 nd Expansion (+0.85 MGD)	\$4.8			\$4.8	
	Seasonal Storage	Option 1: Site Near Highway 37 (Tertiary) 150 AF	\$5.6				\$5.6
		Option 2: Site Near Highway 37 (Secondary) 150 AF	\$8.0				\$8.0
		Option 3: Hamilton Site (Secondary) 150AF	\$14.2				\$14.2
	Environmental Enhancement	Marin County Lower Novato Creek Project – Distribution	\$0.9	\$0.9			
		Marin County Lower Novato Creek Project – Restoration	\$21.5				\$21.5
		Turnout to Transitional Wetlands	\$0.6	\$0.6			
	SVCSD	Seasonal Storage	Option 1: Mulas Site (Tertiary) 49 AF	\$2.4			\$6.2
Option 2: Robledo Site (Tertiary) 49 AF			\$2.6	\$2.6			
Distribution		Napa Road Pipeline	\$3.6	\$3.6			
SCWA	Seasonal Storage	Valley of the Moon ASR	\$3.4	\$3.4	\$7.0		
		Sonoma ASR	\$3.6	\$3.6			
	Groundwater Management	Sonoma Valley Groundwater Management and Recharge Study	TBD				TBD
Petaluma	Treatment	Increase ECWRF Capacity	\$9.0	\$9.0	\$30.6		
	Seasonal Storage	Option 1a: Site Southeast of ECWRF (Secondary) 300 AF	\$14.3				\$14.3
		Option 1b: Site Southeast of ECWRF (Secondary) 150 AF	\$7.3				\$7.3
	Distribution	Urban Recycled Water Expansion	\$11.4	\$11.4			
		Agricultural Recycled Water Expansion Phase 1	\$4.2	\$4.2			
		Agricultural Recycled Water Expansion Phase 2	\$6.0	\$6.0			
		Agricultural Recycled Water Expansion Phase 3	\$6.5				\$6.5
Napa SD	Treatment	Soscol WRF Increased Filter Capacity	\$2.2	\$2.2	\$33.2		
	Operational Storage	Additional Soscol WRF Covered Storage	\$2.9	\$2.9			
		Napa State Hospital Storage Tank	\$7.4				\$7.4
	Seasonal Storage	Option 1a: Raise Existing Pond Levees (Secondary) 300 AF	\$9.9			\$9.9	
		Option 1b: Raise Existing Pond Levees (Secondary) 1,100 AF	\$30.2				
		Option 2: Somky Ranch Site (Secondary) 300 AF	\$15.3				
		Option 3a: Jameson Ranch Site (Tertiary) 600 AF (Phase 1)	\$17.3	\$17.3			
		Option 3b: Jameson Ranch Site (Tertiary) 300 AF	\$11.8				
	Distribution	MST Northern Loop	\$6.9	\$6.9			
		MST Eastern Extension	\$3.9	\$3.9			
Total			\$242.0	\$83.0		\$15.0	\$87.0

The evolution of the program has resulted in the addition of an additional year to the original three-year program. The original three-year budget was \$4,985,479. The addition of a fourth year will add approximately \$1.1 Million to the total, or something over \$6.0 Million.

At its recent meetings the TAC has been reviewing costs, including cost sharing options as previously noted. The following tables show a comparison of the three-year versus four budget and the costs for the member agencies. In each instance the first row costs are based on the project costs from the Scoping Study (\$133.2 Million), the second row costs are based on the January 2016 project costs (\$83.3 Million), and the third row costs are based on the June 2016 project costs (\$55.2 Million).

Original 3-Year Budget Perspective

Scenario	Petaluma	Novato	SCWA	SVCSD	Napa
Original Estimate based on Scoping Study Percents	965,861	1,134,778	517,627	377,085	1,571,001
January Projects	1,417,865	418,609	559,374	559,374	1,745,870
June Projects	2,168,365	562,827	584,877	651,304	598,989

4-Year Budget Perspective

Scenario	Petaluma	Novato	SCWA	SVCSD	Napa
Original Estimate Based on Scoping Study Percents	1,253,591	1,471,861	669,885	482,974	2,035,356
January Projects	1,906,637	540,839	548,912	655,0677	2,262,839
June Projects	2,817,888	727,824	757,368	839,699	770,888

The supplemental information includes a table that shows the increased costs for just Phase 2 based on the revised project costs.

COST SHARING OPTIONS

As noted previously, the TAC has been reviewing cost sharing options. Options for revising cost sharing include several that have been reviewed and largely rejected. These include the option of using the existing percentages similar to what is shown in the first line of the four-year budget perspective, the average of the original and January 2016 percentages, and equal shares for all Phase 2 administrative costs. These were reviewed in March and again in June.

One cost sharing option that seems to spread the costs reasonably fairly would be to base all Phase 2 costs through the completion of the Feasibility Study on the January 2016 Project Costs, and the remaining costs through the EIR/EIS and Record of Decision on the June 2016 Project Costs.

It is estimated that the total cost of all Phase 2 activities for the four year period is approximately \$4,800,000. Assuming that the Feasibility Study is completed in September 2016, it is estimated that the Phase 2 costs through that date would be \$2,050,000, leaving \$2,750,000 through the EIR/EIS and Record of Decision. It should also be noted that the \$4,800,000 estimate is subject to change. If Phase 2 costs were shared as described above, the result would be as follows:

4-Year Cost Sharing Based on January Costs through Sept. 2016 and June Costs through the EIR/EIS

Scenario	Petaluma 36.7%/55.4%	Novato 7.6%/11.4%	SCWA 8.4%/12.7%	SVCSD 7.4%/11.2%	Napa 39.9%/9.2%
Phase 2 Through September 2016	753,061	155,042	172,269	152,581	817,047
Phase 2 October 2016 – June 2018	1,524,456	313,858	348,732	308,877	254,076
Phase 1 and Joint Use	116,563	171,668	139,417	292,372	320,667
Total	2,394,081	640,569	660,418	753,830	1,391,790
Difference from Table 6	(423,807)	(87,255)	(96,950)	(85,869)	620,902

The Board and TAC should discuss the information presented above and begin to develop consensus as to their recommendations on cost sharing options. As noted previously, additional information on these issues will be discussed in Agenda Item No. 12.

Recommendation

It is recommended that Board members from Phase 2 Participating Agencies confirm their agency's Phase 2 Projects. The Board should discuss the impacts and revisions to the Feasibility Study and Project List and the impacts with Federal funding partners and legislative efforts as described in the supplemental information. The Board may consider approving a final Phase 2 Project List for environmental analysis. Please note that Agenda Item No. 12 is closely linked to this discussion and the Board may wish to defer action on Item No. 11 until the conclusion of Item No. 12. No specific recommendation is offered at this time.

Supporting Information for: Item 11

1. Agencies Present Revised List of Projects for Phase 2 Environmental Analysis

Board Member Roll Call to Confirm Their Agency's Projects

- Novato SD Board Member Roll Call to Confirm Their Agency's Projects
- SVCSD
- SCWA
- Petaluma
- Napa SD

NBWRP Phase 2: Agency Percentage of the Title XVI Projects Based on Project Costs									
Agency	Project Type	Project Title	Total Project Capital Costs (\$ mil)	Title XM Projects January 2016			Title XM Projects June 2016		
Novato SD	Treatment	Novato SD WRP Capacity - 1 st Expansion (+0.85 MGD)	\$4.80	\$4.80	\$6.30	7.6%	\$4.80	\$6.30	11.4%
		Novato SD WRP Capacity - 2 nd Expansion (+0.85 MGD)	\$4.80						
	Seasonal Storage	Option 1: Site Near Highway 37 (Tertiary) 150 AF	\$5.60						
		Option 2: Site Near Highway 37 (Secondary) 150 AF	\$8.00						
		Option 3: Hamilton Site (Secondary) 150 AF	\$14.20						
	Environmental Enhancement	Marin County Lower Novato Creek Project – Distribution	\$0.90	\$0.90					
		Marin County Lower Novato Creek Project – Restoration	\$21.50				\$0.90		
		Turnout to Transitional Wetlands	\$0.60	\$0.60			\$0.60		
SVCSD	Seasonal Storage	Option 1: Mulas Site (Tertiary) 49 AF	\$2.40		\$6.20	7.4%		\$6.20	11.2%
		Option 2: Robledo Site (Tertiary) 49 AF	\$2.60	\$2.60			\$2.60		
	Distribution	Napa Road Pipeline	\$3.60	\$3.60			\$3.60		
SCWA	Seasonal Storage	Valley of the Moon ASR	\$3.40	\$3.40	\$7.00	8.4%	\$3.40	\$7.00	12.7%
		Sonoma ASR	\$3.60	\$3.60			\$3.60		
	Groundwater Management	Sonoma Valley Groundwater Management and Recharge Study	TBD						
Petaluma	Treatment	Increase ED/RF Capacity	\$9.00	\$9.00	\$30.60	36.7%	\$9.00	\$30.60	55.4%
	Seasonal Storage	Option 1a: Site Southeast of ED/RF (Secondary) 300 AF	\$14.30						
		Option 1b: Site Southeast of ED/RF (Secondary) 150 AF	\$7.30						
	Distribution	Urban Recycled Water Expansion	\$11.40	\$11.40			\$11.40		
		Agricultural Recycled Water Expansion Phase 1	\$4.20	\$4.20			\$4.20		
		Agricultural Recycled Water Expansion Phase 2	\$6.00	\$6.00			\$6.00		
		Agricultural Recycled Water Expansion Phase 3	\$6.50						
Napa SD	Treatment	Soscol WRF Increased Filter Capacity	\$2.20	\$2.20	\$33.20	39.9%	\$2.20	\$5.10	9.2%
	Operational Storage	Additional Soscol WRF Covered Storage	\$2.90	\$2.90			\$2.90		
		Napa State Hospital Storage Tank	\$7.40						
	Seasonal Storage	Option 1a: Raise Existing Pond Levees (Secondary) 300 AF	\$9.90						
		Option 1b: Raise Existing Pond Levees (Secondary) 1,100 AF	\$30.20						
		Option 2: Somky Ranch Site (Secondary) 300 AF	\$15.30						
		Option 3a: Jameson Ranch Site (Tertiary) 600 AF (Phase 1)	\$17.30	\$17.30					
		Option 3b: Jameson Ranch Site (Tertiary) 300 AF	\$11.80						
	Distribution	MST Northern Loop	\$6.90	\$6.90					
		MST Eastern Extension	\$3.90	\$3.90					
Total			\$242.00	\$83.30	\$83.30	100.0%	\$55.20	\$55.20	100.0%

2. Financial Impacts of Proposed Phase 2 Program Changes to Member Agencies Study Costs (Preliminary Estimates)

Agency	Original cost based on Scoping Study	Cost based on January Project List	Cost based on proposed June Project List	Percent change from Scoping Study to June
Novato	\$1,134,778	\$418,609	\$562,827	-50%
SVCSD	\$377,085	\$559,374	\$651,304	+73%
SCWA	\$517,627	\$424,634	\$584,877	+13%
Petaluma	\$965,861	\$1,417,865	\$2,168,365	+125%
Napa SD	\$1,571,001	\$1,745,870	\$598,989	-62%

Note: these costs are not inclusive of all Program operating costs and are presented to show the potential impacts to member agencies and subsequently, their ability to afford continuing with the Program.

3. Impacts with Federal Funding Partners and Legislative Efforts

- Reclamation is a water management agency. Our positioning for Phase 2 funding has been based on the need for storage and recycled water management projects to offset potable demands that will build resiliency into the regions water supply.
- We have presented the need for the Phase 2 Program based on the January approved list of Title XVI, Non-Title XVI and Programmatic level projects that described a comprehensive, 10-year view of up to \$250M in water management projects to address supply shortages due to drought and climate impacts.
- Therefore, by significantly reducing our Phase 2 Program, we are telling our federal and state representatives that we don't need funding for future recycled water and water supply projects. The consequences of this proposed action jeopardize our credibility with elected representatives and state and federal funding agencies in Sacramento, Denver and Washington DC.

4. Feasibility Study & EIR/EIS Issues

- We have a complete report that documents all the analysis for future projects; even if not in the Title XVI program
- If a reduced Title XVI program is desired, then the following updates to the Feasibility Study will be needed:
 - Section 4 Section Description of Alternatives: Update/revise to address selection process
 - Section 5 Proposed Title XVI Program: Revise to smaller list
 - Section 6 Economic Analysis: Revise to smaller list
 - Section 9 Financial Capability of Sponsors: Revise to smaller list

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Agenda Explanation
North Bay Water Reuse Authority
Board of Directors
July 26, 2016

ITEM NO. 12 UPDATE AND RECOMMENDATIONS FROM GOVERNANCE TASK FORCE

Action Requested: Chair Rabbitt will provide a presentation of the NBWRA Board Recommendations. The Board will be asked to consider approving changes in the meeting schedules and the decision making process. The Board will also be asked to consider a six-month freeze on the Phase 2 studies to allow time to reassess the program.

Please refer to the attached presentation and handouts for this item.

Recommendation

It is recommended that the Board consider approving the recommendations from the Governance Task Force.

NBWRA Board Recommendations

NBWRA Meeting

July 26, 2016

Today's Topics

- Board Recommendations
 - Changes in Meetings and Decision-making
 - 6-month Freeze in Work on Phase 2 Studies
- Future Topics
 - Items for Future Discussion and Action
- Closing Remarks and Questions

Changes in Meetings and Decision-making

Proposed change in Board/TAC meeting process

- 6 joint Board/TAC meetings a year
- Alternating months off for individual agency work
- Items will be presented for Discussion and scheduled for Action at the following meeting
- Board Member's report agency preferences at meetings

Changes in Meetings and Decision-making

- Discussion
 - Why Separate Meetings do not Support Efficient or Informed Decision-making – see handout #1

Changes in Meetings and Decision-making

- Items for Discussion and Action – see handout #2
 - Change in Meeting Process, Schedule and Decision-making
 - New Meeting Dates for the Remainder of 2016 to address Program issues
- Information Items
 - Board Support for Meeting Preparation
 - Proposed 2017 Meetings

6-month Freeze in Work on Phase 2 Studies

- Freeze: Not initiate the EIR/EIS at this time
- Complete minor work on Phase 2 Feasibility Studies with list of projects approved at the January 2016 Board meeting
- Investigate options for moving forward with an expanded Phase 2 Program:
 - Potential to integrate new projects and new agencies
 - Fully utilize authorization

- Better meet study objectives and therefore successfully compete for grants
- Stabilize study costs
- Report back on options at October 2016 meeting

Need to Fully Utilize our Phase 2 Authorization

- Phase 2 Title XVI Authorization
 - Supports \$80M in local infrastructure projects
 - \$20M in federal grants
- If we were to proceed with the current TAC project list
 - Supports \$55M in local infrastructure projects
 - \$13.75M in federal grants
- Leaves 'on the table'
 - \$25M in local infrastructure project capacity others could use
 - \$6.25M in federal grants others could receive

Actions on Phase 2 Studies

- Discussion:
 - Regarding 6-month freeze of EIR/EIS and investigating new options
- Action:
 - Freeze initiation of EIR/EIS at this time
 - Investigate options for moving forward with an expanded Phase 2 Program
 - Report back on options at October 2016 meeting

Items for Future Discussion and Action

- August
 - Task review and discussion of 2016/17 budget amendments
- September
 - Finalize 2016/17 budget and member cost-share obligations
- October
 - Approve 2016/17 Budget amendments
 - Report on alternatives for moving forward with Phase 2 studies
- Discuss proposed changes in how Program costs are shared by members December
 - Discuss proposed 2017/18 and 2018/19 budgets
 - Discuss proposed changes in how Program costs are shared by members

Closing Remarks

- The NBWRA is a valuable resource that has served the North Bay region well

- As locally elected representatives it is incumbent upon us to craft a way forward to support:
 - Interests of existing and new members
 - Economic, environmental, community and, water management needs of the region
 - Long-term viability of the organization so it can continue to provide benefits to all participants in the Program
- Questions

NBWRA Board/TAC Meeting
July 26, 2016
Handout #1 - Why Separate Board and TAC Meetings do not Support
Informed or Efficient Decision Making

Timeline illuminate's issues and outcomes from last 6-months of Board and TAC meetings

December 16, 2015 Board Meeting

- Phase 2 Program Project List presented for discussion

January 25, 2016 Board Meeting

- Selected/approved list of Title XVI projects valued at \$83M
 - 18 project included for Project Level EIR/EIS
 - 9 projects for included for Programmatic EIR/EIS

January 25, 2016 TAC Meeting

- Discussed evolution of project list from Scoping Study (used as basis for Study Scope of Work/Budget) versus the approved larger list of Phase 2 projects
- Discussed reasons for proposed consultant Scope and Budget amendments:
 - Additional FY16/17 activity due to additional meetings & Western Water Priorities Outreach
 - Additional effort for expanded list of projects for EIR/EIS
 - Additional 4th year (FY17/18) to finish studies, Program Development, Federal and State Advocacy, Program Management and SCWA Administration costs
- Direction from TAC to provide revised budgets

February 18, 2016 TAC Meeting (Special additional Web-meeting)

- Presented/discussed proposed changes in Scope and Budget for:
 - Engineering/Environmental
 - Program Development, Federal and State Advocacy
 - Program Management
 - SCWA Administration
- Members start to discuss removing projects from Phase 2

March 28, 2016 Board Meeting

- Report on status of Phase 2 Studies
 - Schedule challenges due to indecision regarding Projects for EIR/EIS
- Presented approved Phase 2 project list showing potential changes by TAC – not discussed or confirmed by agencies

March 28, 2016 TAC Meeting

- Presented/discussed proposal for Engineering/Environmental revised budgets
- 3 Scenarios of projects included:
 - Project-Level and Program Level; includes all projects in approved Program
 - Project-Level Projects Only; drop the programmatic-level elements, which are primarily storage but provide strategic environmental aspects
 - Project-Level Projects plus Lower Novato Creek at programmatic level for strategic benefits

- Cost difference in EIR/EIS from lowest increase to highest increase is \$102,000
- Follow-up PowerPoint presentation on alternative costs allocation for Member Agencies
- No decision is made on projects for EIR/EIS
- 6-month 2016/17 budget based on existing budgets is approved to send to Board so NBWRA can continue operations
- Remaining 2016/17 and 2017/18 budget approval schedule for October 2016

April 25, 2016 Board Meeting

- Presented Feasibility Study Report schedule
- Reported EIR/EIS is delayed until project decisions and supporting budgets are finalized and approved: scheduled for October 2016
- Presented approved Phase 2 project list showing potential changes by TAC – not discussed or confirmed by agencies
- 6-month 2016/17 budget approved

June 27, 2016 TAC Meeting (Web-meeting)

- Report status of Feasibility Study report
- Request TAC provide project selection officially through their Board representatives at July meeting
- New discussion of only the EIR/EIS costs in proposed future budget amendment

After June 27, 2016 TAC Meeting

- Email from Napa SD withdrawing majority of Title XVI and Programmatic projects
- Email from Novato SD withdrawing Programmatic projects

Summary:

The TAC has been making decisions about the future of the Phase 2 Program without discussions with the Board and giving consideration to:

- The Program's budget, member cost-share impacts and ability of the organization to sustain itself
- Reduced ability to successfully compete for grants by:
 - Not fully utilizing the federal authorization to the benefit of the region
 - Not meeting the Feasibility Study objectives (including federal and state funding criteria)
- Meeting our obligations with federal and state representatives and, the Administration regarding future funding needs for the region
- Extensive investment in developing new funding sources for water projects that can benefit the region

As of this meeting, we don't know the projects going into the Phase 2 EIS/EIR and we don't have a plan or budget to continue to support the organization or complete the studies.

It has become clear that all decisions regarding how the NBWRA moves forward need to be done as one entity therefore, no more separate Board and TAC meetings. These circumstances merit immediate actions that will be brought up for a vote today to accomplish work on restructuring the organization, studies and budget in order to keep the viability of the NBWRA intact.

NBWRA Board/TAC Meeting
July 26, 2016
Handout #2 – Changes in Meetings and Decision-making

1. Discussion: Change in Meeting Process, Schedule and Decision-making

Proposed change in Board/TAC meeting process:

- 6 joint Board/TAC meetings a year
- Alternating months off for individual agency work
- Items will be presented for Discussion and scheduled for Action at the following meeting
- Board Member's report agency preferences at meetings

Action: Approval of Change in Meeting Process and Decision-making

2. Discussion: New Meeting Dates to Accommodate NBWRA business thru 2016

- August 22, 2016 (new meeting date)
- September 19, 2016 (currently TAC only/new joint meeting)
- October 24, 2016 (next scheduled Board meeting)
- December 19, 2016 (currently TAC only/new joint meeting)

Note: We will need to schedule monthly meetings to take care of urgent business for the next few months and will transition to bi-monthly meetings at the beginning of 2017.

Action: Approval of New Meeting Dates thru 2016

3. Information: NBWRA consultants and SCWA Administrative staff will be working at the request and under the direction of the Board to prepare meeting materials and information for discussion and action at NBWRA meetings. The Board may form a working group to efficiently accomplish this task.

4. Information: Proposed 2017 Meetings

- 6 NBWRA Meetings: January, March, May, July, September, November