

**NORTH BAY WATER REUSE AUTHORITY
TECHNICAL ADVISORY COMMITTEE**

Wednesday, July 15, 2015

Agenda

Novato Sanitary District, 500 Davidson Street, Novato, CA 94945

Consultants unable to attend in person may call in: 1-866-906-7447 Pass Code: 2428170#

1:30 p.m.

	1.		Call to Order and Self Introductions
Page 1	2.	Action	Approval of Agenda
	3.		Public Comments
Pages 2 – 5	4.	Action	Consent Items a. June 22, 2015 TAC Meeting Minutes
Pages 6 - 7 Pages 8 - 15 Page 16	5.	Information	Report from the Program Manager a. Consultant Progress Reports - June 2015 b. Action Items from May 11, 2015 Meeting
Pages 17 – 26	6.	Information	Financial Report for the Period Ending June 30, 2015
Page 27	7.	Discussion	Update on tracking all sources of funding for Phase 1 and cost benefit of participating in NBWRA
	8.	Discussion	Logistics for August 20, 2015 Congressional Staff Tour – Contact for each Agency
	9.	Discussion	Phase 2 Working Discussion – Feasibility Study Report Section 4 Review <ul style="list-style-type: none"> ● Review Program Selection Process ● Recent Project Analysis ● Final Objectives Weighting ● Project Scoring & Insights ● Formulate Alternatives ● Recommend Program for Feasibility Analysis
	10.	Information	Items from Committee, Agency Staff, or Consultants
	11.	Information	Items for Next Agenda (July 27, 2015 at Novato City Hall Council Chambers)

The North Bay Water Reuse Authority complies with ADA requirements and will attempt to reasonably accommodate individuals with disabilities upon request. Please contact **Chuck Weir at 510-410-5923** with any questions. .

**North Bay Water Reuse Authority
Technical Advisory Committee
Meeting Minutes
June 22, 2015**

1. Call to Order and Self Introductions

Chair Healy called the Technical Advisory Committee (TAC) meeting to order at 9:35 a.m. on Monday, June 22, 2015. The meeting was held at Novato Sanitary District, 500 Davidson Street, Novato, CA 94945. Consultants not able to attend in person could participate via the conference call number, 866-906-7447 pass code 2428170#. Self-introductions were made.

Committee Members Present

Tim Healy, Chair	Napa Sanitation District
Pam Jeane, Vice Chair	Sonoma Valley County Sanitation District
Mike Ban	Marin Municipal Water District
Grant Davis	Sonoma County Water Agency
Jason Holley	City of American Canyon
Sandeep Karkal	Novato Sanitary District
Susan McGuire	Las Gallinas Valley Sanitary District
Drew McIntyre	North Marin Water District
Phillip Miller	Napa County
Dan St. John	City of Petaluma

Others Present

Chuck Weir, Program Manager	Weir Technical Services
Kevin Booker	Sonoma County Water Agency
Ginger Bryant	Bryant & Associates
Jenny Gain	Brown and Caldwell
Jim Graydon	Brown and Caldwell
Mark Millan	Data Instincts
Pilar Oñate-Quintana	The Oñate Group (via telephone)
Mike Savage	Brown and Caldwell
Jake Spaulding	Sonoma County Water Agency
Dawn Taffler	Kennedy Jenks Consultants
Jeff Tucker	Napa Sanitation District
Leah Walker	City of Petaluma

2. Approval of the Agenda

The TAC unanimously approved the agenda as presented.

3. Public Comments

There were no public comments.

4. Consent Calendar

4.a May 11, 2015 TAC Meeting Minutes

The May 11, 2015 TAC Meeting Minutes were unanimously approved.

5. Report from the Program Manager

The Report from the Program Manager included the following items:

5.a Consultant Progress Reports – April and May 2015

The TAC reviewed the Progress Reports.

5.b Action Items from the April 27, 2015 Meeting

The TAC reviewed the Action Item List and noted that all items were current.

6. Financial Report for the Period Ending May 31, 2015

The TAC reviewed the Financial Report and noted that costs were tracking according to plan. Drew McIntyre asked about invoices for FY2014/15 and he and Jake Spaulding agreed to discuss this after the meeting.

7. Phase 1 Status Report: Project Summary and Redistribution of Unused SCWA Funds

The TAC reviewed the spreadsheet that listed the Phase 1 projects and their sources of federal funding, including ARRA and WaterSMART grants. Tim Healy noted that his agency also tracks other sources of funds and has determined that their participation in NBWRA results in at least an eight fold return on their investment in NBWRA. He suggested that this information should be tracked for all projects as it helps to tell a very positive story about NBWRA. Jake Spaulding noted that he tracks some of this as well. As an action item the TAC agreed to develop this information and that the Program Manager should work with the member agencies to gather the information.

The TAC also reviewed the SCWA's spreadsheet showing available Phase 1 funds that are currently being allocated to Las Gallinas, North Marin, Novato San, and Napa San. The total is currently \$3.6 million. The spreadsheet also shows the current revised allocation percentages that would be used to reallocate Phase 1 costs once Phase 1 is completed. The TAC previously agreed to this approach. The reallocation needs to be approved by the Board as specified in the MOU. As an action item, the final redistribution will be presented to the Board for approval at its October 26, 2015 meeting. The TAC will consider the revised redistribution at its September 21, 2015 meeting.

8. Phase 2 Working Discussion

Mike Savage, Jenny Gain, and Dawn Taffler led the TAC in a discussion of the following items:

- Review Program Selection Process
- Recent Project Analysis
- Final Objectives Weighting
- Project Scoring & Insights
- Formulate Alternatives
- Recommend Program for Feasibility Analysis

There are approximately a dozen projects that result from the screening process with a total estimated cost ranging from \$80 - \$120 million. Projects include treatment upgrades, distribution, environmental, and storage and are include all Phase 2 agencies. It was noted that there is \$20 million in available federal funding through Title XVI and the EIR/EIS will need to specifically list projects totaling \$80 million. Other projects will also be included in the EIR/EIS

as there are likely to be other sources of funding. Being vetted through the EIR/EIS process will be a benefit in obtaining non-Title XVI funding.

There was also discussion of including a project for Marin County that will fall under the Novato San projects list. That project will be added to the revised list. As an action item it was agreed to finalize the list for the Phase 2 Feasibility Study at the July 15, 2015 TAC meeting such that the Board can approve at its July 27, 2015 meeting.

9. Status of Marin Municipal Water District's Reentry as a Full Phase 2 Member and Participant

The TAC reviewed the email from Paul Sellier indicating that Marin Municipal Water District (MMWD) would not be participating in Phase 2. Mike Ban explained that their one likely Phase 2 project was not cost effective. Instead, MMWD is looking at various other smaller projects in conjunction with Central Marin Sanitary Agency and San Quentin. TAC members expressed disappointment in MMWD's decision and noted that it takes away from the overall strength of NBWRA. The TAC also suggested that MMWD consider partnering with existing Phase 2 participants similar to North Marin and Napa County for Phase 1. Both of those agencies ultimately became full members. Mike Ban agreed that MMWD should investigate these opportunities.

10. Program Development / Federal Advocacy / State Advocacy Update

Ginger Bryant provided an update on Program Development and Federal Advocacy Issues. She noted that NBWRA had been awarded WaterSMART Grants of \$1.7 million for Napa San's MST project and \$450,000 for the Phase 2 Feasibility Study. She also discussed proposed legislation, a Congressional staff tour scheduled for August 20, 2015 and the next D.C. trip scheduled for the week of October 5, 2015.

Pilar Oñate-Quintana discussed state advocacy issues including the recently approved Recycled Water Funding Guidelines. The State Water Board approved them on June 16, 2015. Applications are being accepted.

11. Outreach Program Report

Mark Millan provided an update for the TAC, including efforts to assist Ginger Bryant.

12. Status of WaterSMART Grants and Applications

This item was updated by Ginger Bryant in Item No. 10.

13. Proposition 84 – Integrated Regional Water Management Program Update and Status

There was no money available for water recycling in this round. Funding appears more likely through Proposition 1.

14. Items from Committee, Agency, Staff, or Consultants

Kevin Booker noted that the 2016 WaterReuse Conference will be held in March in Santa Rosa. Barry Dugan is the Conference Co-Chair and Dawn Taffler is the Program Chair. He noted that there are a variety of volunteer positions available. TAC members discussed various topics and

tours, as well as the possibility of NBWRA becoming a sponsor. As an action item, Mark Millan will send out information on sponsorship opportunities.

15. Items for Next Agenda, July 15, 2015 at Novato Sanitary District

Action items included the following:

1. Work with the member agencies to gather information on non-federal sources of funding for Phase 1 projects as well as determining the return on investment for participating in NBWRA.
2. Final redistribution of SCWA unused Phase 1 funds will be considered by the TAC at its September 21, 2015 meeting such that it can be presented to the Board for approval at its October 26, 2015 meeting.
3. Finalize the list for the Phase 2 Feasibility Study at the July 15, 2015 TAC meeting such that the Board can approve at its July 27, 2015 meeting.
4. Consider topics and tours for the 2016 WateReuse Conference in Santa Rosa as well as consider sponsorship opportunities.

There being no further business, Chair Healy adjourned the meeting at 12:10 p.m.

C:\Users\Chuck\Documents\Weir Technical Services\NBWRA\Agendas\2015\2015-06\2015_06_22_NBWRA_TAC_Minutes.docx

ITEM NO. 5 REPORT FROM THE PROGRAM MANAGER

The Report from the Program Manager includes the following items:

5.a Consultant Progress Reports – June 2015

The Progress Reports for June 2015 are attached for the TAC's information. Consultants can respond to questions at the meeting.

5.b Action Items from June 22, 2015 Meeting

The list of Action Items is attached for the TAC's information. All items are completed or in progress.

In an effort to save paper, brief summaries of other agenda items are described below

6. Financial Report for the Period Ending June 30, 2015

The Consultant Cost Tracking for the period ending June 30, 2015, Item No. 6.a, is attached for the TAC's review. Costs are shown for Phase 1 Support, Phase 2 Support, Phase 2 Feasibility Study, Joint Use, and Total Costs. Only the most current three month's expenses are shown in an effort to make the form easier to read. The totals include all expenses to date.

Financial Reports maintained by Sonoma County Water Agency include the following:

Item No. 6.b, Monthly Project Cost Summary as July 13, 2015

Item No. 6.c, 2014/15 Budget Allocations

Item No. 6.d, Transaction Summaries as of July 13, 2015 for Phase 1, Phase 2, and Joint Use.

Item No. 6.e, Interest earned as of July 13, 2015

7. Update on tracking all sources of funding for Phase 1 and cost benefit of participating in NBWRA

Please refer to the attached spreadsheet, which was created by Napa San. It is very clean and provides a nice summary of all costs as well as the benefit for participating in NBWRA. It could be easily adapted for all member agencies by adding individual sheets for other agencies and a summary sheet combining all data. Comments from TAC and consultants are welcome prior to initiating additional efforts to collect data.

8. Phase 2 Working Discussion - Feasibility Study Report Section 4 Review

The consultant team will lead the TAC in a discussion of projects and ranking criteria. Topics will include:

- Review Program Selection Process
- Recent Project Analysis
- Final Objectives Weighting

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Agenda Explanation
North Bay Water Reuse Authority
Board of Directors
July 15, 2015

- Project Scoring & Insights
- Formulate Alternatives
- Recommend Program for Feasibility Analysis

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

Bryant & Associates/Program Development Services

June Activity Summary

- Participated in consulting team conference call
- Prepared for and attended TAC meetings in Novato
- Activities in coordination with The Ferguson Group:
 - Continued to work on 'authorization fix' language
 - Provided comments on Con. Huffman's proposed Water legislation
 - Planned for Western States Water Council presentation on RE-Act
 - Provided information to Sen. Feinstein's offices re: RE-Act provisions
 - Planned Congressional Staff Tour
 - Investigated USDA funding options

The Ferguson Group/Federal Advocacy Services

June 2015 Activity Summary

- **RE-Act/RIFIA Proposal.**—TFG continued to work with Ginger Bryant and others to build support for the RE-ACT proposal. Meetings were held with congressional offices, including the office of Senator Feinstein and Rep. Huffman, on their respective drought relief bills. Both offices are putting together west-wide drought relief bills that seek to provide both near-term and long-term drought relief. The draft bills that both offices are working on would provide support for federally-backed financing. Rep. Huffman's bill provides support for grants as well. Both are priorities for the North Bay Water Reuse Authority. TFG also met with leading Republicans fashioning drought relief legislation for the House Republicans, including Reps. Ken Calvert and Doug La Malfa, regarding the California/west-wide drought relief bill.
- **Phase 2 Authorization Issue.**—TFG continues to work with House and Senate offices to secure support for addressing the Phase 2 authorization issue in both the authorization and FY 2017 budget process. Meetings were held with congressional offices on the Phase 2 authorization issue and a meeting has been scheduled with Bureau of Reclamation Commissioner Lopez and his staff regarding administration support for addressing the issue through both vehicles.
- **Fiscal Year 2016 Appropriations.**—TFG continued work to help build support for increased Reclamation investments in FY 2016 for WaterSMART to support Phase 2 and other Title XVI projects, as well as additional investments in USDA programs that would provide benefits to the North Bay Project.
- **USDA, RCPP.**—TFG worked to secure information on the USDA Regional Conservation Partnership Program (RCPP) and, specifically, the opportunity to use Reclamation funds to meet a portion of the non-federal match requirements under the program.
- **Western States Water Council.**—TFG worked to secure an opportunity for North Bay Water Reuse Authority Chairman, Supervisor David Rabbitt, to participate in Western States Water Council Summer meeting to talk about the RE-Act proposal and the successes of the North Bay project.

The Oñate Group/State Advocacy Services

June 2015 Activity Summary

- Provided state budget update to NBWRA in light of June 19 passage of state budget.
- Prepared updated NBWRA support letter for AB 606 (Levine).
- Prepared suggested supportive comments for key NBWRA staff to forward to SWRCB board members prior to the June 16 consideration of the final recycled water funding guidelines.
- Helped to coordinate submission of the comments. Spoke in support of the guidelines during the June 16 SWRCB meeting re: the guidelines.
- Continued to monitor ACWA and WaterReuse for issues/updates of potential interest.
- Provided verbal update during June 22 TAC meeting (via phone).



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

ACTIVITIES: MAY 22, 2015 THROUGH JUNE 30, 2015

TASK 1 WORKSHOPS/PUBLIC OUTREACH/MANAGEMENT

1.1 Workshops

- Prepared for and conducted TAC working session with materials and handouts
- Attended and presented at TAC workshop

1.3 Public Involvement

- Phone calls with project team members for collaboration on preparation of upcoming TAC & Board Workshop and Meetings.
- Attend TAC meeting.
- Updating and maintaining relevant program content and news articles on project web site
- Provide project information to Board & TAC members as requested
- Edit and finalize design for PowerPoint presentation for Chair Rabbitt to make at WSWC
- Make updates to NBWRA website to support advocacy efforts
- Update project Letterhead and distribute

1.4 Administration

- Performed project invoicing and developed activities report

TASK 2 TITLE XVI FEASIBILITY STUDY/REPORT

Member Agency Projects Review and Finalization

- Conduct review of each agency's projects, operations, and storage requirements
- Reviewed previous estimates of supply and demand
- Conference calls and Web-meetings with Member Agencies to review projects
- Developed schematics of Member Agency recycled water operations and reviewed with each agency.
- Updated costs estimates of projects

Update project/alternative scoring tables

- Follow-up with each Agency to confirm scoring and weightings
- Updated scoring table
- Identified Alternatives and conducted sensitivity analysis

Activities cover the following subtasks:

- Tasks 2.2 Statement of Problems /Needs
- Task 2.3 Water Reclamation/Reuse Opportunities
- 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

- Study grant agreement support activities

TASK 6 PHASE 1 SERVICES

6.1 Program Support and Coordination

- Conference call & Webmeeting to discuss grant funds tracking
- Updated grant fund tracking table
- Coordinated with SCWA on grant funding issues
- Reviewed grant fund allocation approach

6.2 State Grant Support

- Attended BACWA Recycled Water Committee meeting by teleconference

6.3 Federal Grant Support

- No Activity

Additional Services

- No Activity

Weir Technical Services
Program Management Services for North Bay Water Reuse Authority (FY 2014/2015, FY
2015/2016, FY 2016/2017)
Sonoma County Water Agency Order Number 7630A1

June 2015 Progress Report

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

- Drafted list of topics and participated in consultant conference call on June 17, 2015.
- Prepared TAC Agenda packet for June 22, 2015 meeting and distributed to participants. Worked with outreach consultant to resolve packet ADA issues so it could be posted to website.
- Attended June 22, 2015 TAC meeting in Novato.
- Drafted June 22, 2015 TAC meeting minutes and action item list and distributed for review and comment. Revised minutes based on comments received.
- Finalized May 11, 2015 TAC minutes, made ADA compliant, and submitted to outreach consultant for posting.
- Worked with outreach consultant to update letterhead template.
- Reviewed information from Water bond Coalition including updates on legislation and conference call schedule.
- Reviewed SWRCB Recycled Water Funding Guidelines and distributed to TAC per state lobbyist request.
- Worked with Agency staff to resolve Form 700 submittal issues.
- Updated distribution lists and sent to Agency staff for Form 700 use.
- Reviewed news articles distributed by outreach consultant.

2.2 Task 2: Financial Management

- Updated consultant cost summary.
- Reconciled records with Agency trust worksheet.
- Reviewed member agency spreadsheet of funding sources and cost benefit of participation in NBWRA.

2.3 Task 3: Project Support and Review

- Reviewed redistribution of Agency Phase 1 funds, Agency cost summary, and MOU requirements. Assembled all into a packet for consultant and Agency conference call.
- Reviewed information from consultant regarding processes necessary to add non-Title XVI projects to the Phase 2 program for EIR/EIS analysis.

2.4 Task 4: Program Planning

- Prepared and submitted May and June 2015 invoices and progress reports and updated tracking files.

2.5 Task 5: Governance Issues

- Participated in telecom with Marin Municipal Water District (MMWD) staff and reviewed response from MMWD regarding non-participation in Phase 2.



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cdmsmith.com

July 6, 2015

Mr. Kevin Booker
Sonoma County Water Agency
404 Aviation Boulevard
Santa Rosa, CA 95403

Subject: Engineering Assistance for North Bay Water Reuse Program Phase 1 (FY 2012/2013 and 2013/2014)
Invoice No. 80525121
Account No. 391029-6570
Order No. 7534A3

Dear Mr. Booker:

Please find attached CDM Smith's final invoice for work performed under Engineering Assistance for North Bay Water Reuse Program Phase 1 (FY 2012/2013 and 2013/2014) agreement between Sonoma County Water Agency (SCWA) and CDM Smith Inc. awarded October 17, 2012. Invoice #80527823 covers the period from May 3, 2015 through June 30, 2015.

The work performed during this invoice period includes the following labor activities.

Task 1 – Program Support and Coordination

- Project invoicing.

Task 2 – Federal and State Appropriations/Grant Support

- Provided information to the Bay Area Project Screening Committee (PSC) for the NBWRA's Prop 84 application.
- Attended May BACWA Recycled Water Committee meeting by phone.
- Attended two May PSC meetings by phone.
- Communicated with NBWRA member agencies about grant application status.





Kevin Booker
July 6, 2015
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- Provided past IRWMP grant documentation and background to BC team.
- Attended meeting with SCWA and BC staff about state funding assistance.

Please feel free to call me at (925) 296-8064 should you have any questions regarding this invoice.

Very truly yours,

A handwritten signature in blue ink that reads "Andria Loutsch". The signature is written in a cursive, flowing style.

Andria R. Loutsch, AICP
Project Manager
CDM Smith



NBWRA Board and TAC Short-Term Action Item List

Meeting Date: June 22, 2015

Task	Responsible Party	Due Date	Status	Completion Date
Work with the member agencies to gather information on non-federal sources of funding for Phase 1 projects as well as determining the return on investment for participating in NBWRA.	Weir and TAC	7/31/2015	Received info from Napa San and North Marin. Napa San spreadsheet can be adapted to include all member agencies. Included in Tac July 15, 2015 Agenda as a discussion item.	
Finalize List of Phase 2 Projects for Feasibility Study	Board, TAC, Consultants	7/15/2015	B&C meeting with individual agencies to collect data and assist with prioritization of objectives and subobjectives. Draft Section 4 from Feasibility Study Report distributed to TAC for review. TAC to hold workshop on June 22 to continue selection process and make final decision at July 15, 2015 TAC workshop. Board to approve final list at July 27, 2015 meeting.	
Final redistribution of SCWA unused Phase 1 funds will be considered by the TAC at its September 21, 2015 meeting such that it can be presented to the Board for approval at its October 26, 2015 meeting.	SCWA and Weir	9/15/2015	Include in TAC September 21, 2015 packet.	
Add Phase 1 project costs to the Phase 1 project status report as a separate page.	Gain	4/15/2015	See updated list in June 22 TAC Agenda packet.	6/4/2015
FY2015/16 Invoices to Member Agencies	SCWA	7/15/2015	In process.	
Consider topics and tours for the 2016 WaterReuse Conference in Santa Rosa as well as consider sponsorship opportunities.	TAC and Consultant Team	Ongoing	In process.	
Consultants to review all the issues associated with adding new projects and agencies to Phase 2 and bring specific recommendations for consideration at the May 11, 2015 TAC meeting.	Consultant team	5/11/2015	MMWD has opted to not rejoin for Phase 2. No specific action on American Canyon at this point.	6/18/2015
Amend the agreement with Bryant & Associates to increase the retainer for The Ferguson Group from \$6,500 to \$8,500 per month.	SCWA	6/30/2015	In process. Pending modification to B&C agreement for feasibility study costs.	
Congressional Staff Tour	SCWA and Member Agencies	8/20/2015	To be discussed at July 15, 2015 TAC meeting. SCWA looking for contact from each agency to assist in logistics.	
Consultants begin ensuring that all documents added to the website meet accessibility standards.	Weir/B&C/Bryant/SCWA	11/30/2014	Only compliant documents now added to website. Currently this has limited documents to Agenda cover sheets and minutes. Requires additional research and effort to implement for presentations and complex reports.	Ongoing
Share notices regarding conference presentations and award programs with the TAC.	All	Ongoing		

North Bay Water Reuse Authority

July 13, 2015

Consultant Cost Tracking

Fiscal Year 2014/15 through Fiscal Year 2016/17

Only FY2014/15 has been approved	Apr-15	May-15	Jun-15	FY14/15 YTD	Amount Remaining	Percent Remaining	Approved 5/19/14	Approved 4/27/15	Proposed	Proposed
							FY2014/15	FY2015/16	FY2016/17	3-Year Total
Phase 1 Support										
Grant Applications and Management - CDM Smith	-	8,403	4,297	20,122	29,560	23.65%	125,000	-	-	-
Grant Applications and Management - B&C	213	1,385	4,986	34,076	38,552	53.08%	72,628	77,998	46,993	197,619
Program Development (40% of \$190,200 total) - Bryant	6,757	6,043	6,043	75,230	850	1.12%	76,080	76,080	76,080	228,240
Federal Advocacy (30% of \$88,000 total) - TFG sub to Bryant	2,003	2,251	2,106	25,383	1,017	3.85%	26,400	26,400	26,400	79,200
Total Costs for Phase 1 Support	8,972	18,082	17,432	154,811	40,419	23.08%	175,108	180,478	149,473	505,059

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

Phase 2 Support							FY2014/15	FY2015/16	FY2016/17	3-Year Total
Program Development (60% of \$190,200 total) - Bryant	10,135	9,064	9,064	112,885	1,235	1.08%	114,120	114,120	114,120	342,360
Federal Advocacy (70% of \$88,000 total) - TFG sub to Bryant	4,673	5,253	4,915	59,228	2,372	3.85%	61,600	61,600	61,600	184,800
Total Costs for Phase 2 Support	14,808	14,317	13,978	172,112	3,608	2.05%	175,720	175,720	175,720	527,160

Phase 2 Feasibility Study - Three Years							FY2014/15	FY2015/16	FY2016/17	3-Year Total
Engineering, Environmental, and Outreach Services - B&C	57,463	58,943	59,931	460,660	362,675	44.05%	823,335	931,636	1,063,789	2,818,760
SCWA Administration - Grants and EIR/EIS	3,141	3,394	3,935	19,651	97,186	83.18%	116,836	132,205	150,958	400,000
Total Costs for Study	60,604	62,337	63,866	480,311	459,860	48.91%	940,171	1,063,841	1,214,747	3,218,760
Total Costs for Phase 2	75,412	76,654	77,844	652,423	463,468	41.53%	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	6,065	4,289	4,648	46,917	34,233	48.56%	70,500	75,500	75,500	221,500
State Advocacy - The Onate Group (Sub to Bryant)	3,000	3,000	3,000	36,000	-	0.00%	36,000	36,000	36,000	108,000
SCWA Administration	2,820	7,364	6,034	72,578	62,422	46.24%	135,000	135,000	135,000	405,000
Total Costs for Joint Use	11,885	14,652	13,682	155,495	96,655	40.02%	241,500	246,500	246,500	734,500

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

Total Costs							FY2014/15	FY2015/16	FY2016/17	3-Year Total
Weir	6,065	4,289	4,648	46,917	34,233	48.56%	70,500	75,500	75,500	221,500
Bryant & Associates	26,567	25,611	25,127	308,725	5,475	1.74%	314,200	314,200	314,200	942,600
Brown & Caldwell	57,676	60,328	64,917	494,736	401,227	44.78%	895,963	1,009,634	1,110,782	3,016,379
CDM Smith	-	8,403	4,297	20,122	29,560	23.65%	-	-	-	-
SCWA Administration	5,962	10,758	9,969	92,229	159,608	63.38%	251,836	267,205	285,958	805,000
Total Costs for NBWRA	96,269	109,389	108,958	942,607	600,542	39.19%	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.

**North Bay Water Reuse Authority
Monthly Project Cost Summary
as of July 13, 2015**

TOTAL FY 14-15 PROJECT COSTS

Project	Consultant	Original Budget	Amend	Revised Budget	Original Contract	Amend	Total Contract	Uncommitted	Total Expenses	Remaining	% Avail.
Program Management	Weir Technical Services	87,411	-	87,411	87,411	(6,261)	81,150	6,261	46,917	34,233	42.2%
Planning, Engineering and Funding Management	CDM Smith	49,682	-	49,682	49,682	-	49,682	-	19,050	30,631	61.7%
Planning, Engineering and Funding Management	B&C	895,963	-	895,963	897,963	-	897,963	(2,000)	429,819	468,144	52.1%
Program Development and Federal Funding	Bryant & Associates	314,200	-	314,200	314,200	-	314,200	-	308,752	5,448	1.7%
SCWA Administration	SCWA	251,836	-	251,836	251,836	-	251,836	-	90,487	161,349	64.1%
Environmental Documentation, Permitting and Monitoring	ESA	6,741	-	6,741	6,741	-	6,741	-	-	6,741	100.0%
TOTAL BUDGET		\$ 1,605,832	\$ -	\$ 1,605,832	\$ 1,607,832	\$ (6,261)	\$ 1,601,571	\$ 4,261	\$ 895,026	\$ 706,545	44.1%

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

1. Contract from LFY expired 9/30/2014. \$6,261.10 released from encumbrance

2. \$2,000 added (per year for 3 years) for printing materials - Funds were added prior to agreement execution (funds are committed)

FY13/14 Agreement Rollovers

Project	Consultant	Original Budget	Amend	Carryover	Original Contract (remaining)	Amend	Total Contract	Uncommitted	Total Expenses	Remaining	% Avail.
JU Program Management	Weir	16,911	-	16,911	16,911	-	16,911	-	10,650	6,261	37.0%
PH 1 Environmental Documentation, Permitting and Monitoring	ESA	6,741	-	6,741	6,741	-	6,741	-	-	6,741	100.0%
PH 1 Planning, Engineering and Funding Management	CDM Smith	49,682	-	49,682	49,682	-	49,682	-	19,050	30,631	61.7%
TOTAL BUDGET		\$ 73,333	\$ -	\$ 73,333	\$ 73,333	\$ -	\$ 73,333	\$ -	\$ 29,700	\$ 43,633	59.50%

1. Agreement terminated 9/30/2014 - \$6,261.10 released from encumbrance

2. Agreement extended through end of fiscal year - terminates 06/30/2015

3. Agreement extended through end of fiscal year - terminates 06/30/2015

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	72,628	-	72,628	72,628	-	72,628	-	29,090	43,538	59.9%
Program Development & Federal Advocacy	Bryant & Associates	102,480	-	102,480	102,480	-	102,480	-	100,640	1,840	1.8%
TOTAL BUDGET		\$ 175,108	\$ -	\$ 175,108	\$ 175,108	\$ -	\$ 175,108	\$ -	\$ 129,729	\$ 45,379	25.91%

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	823,335	-	823,335	825,335	-	825,335	(2,000)	400,730	424,605	51.4%
Program Development & Federal Advocacy	Bryant & Associates	175,720	-	175,720	175,720	-	175,720	-	172,112	3,608	2.1%
Administration - Grants and EIR/EIS	SCWA	116,836	-	116,836	116,836	-	116,836	-	19,651	97,185	83.2%
TOTAL BUDGET		\$ 1,115,891	\$ -	\$ 1,115,891	\$ 1,117,891	\$ -	\$ 1,117,891	\$ (2,000)	\$ 592,493	\$ 525,399	47.00%

Joint Use

Project	Consultant	Original Budget	Amend	Revised Budget	Original Contract	Amend	Total Contract	Uncommitted	Total Expenses	Remaining	% Avail.
Program Management	Weir	70,500	-	70,500	70,500	-	70,500	-	36,267	34,233	48.6%
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	-	70,836	64,164	47.5%
TOTAL BUDGET		\$ 241,500	\$ -	\$ 241,500	\$ 241,500	\$ -	\$ 241,500	\$ -	\$ 143,104	\$ 98,396	40.74%

Total FY14/15 Budget for all Phases	1,532,499
Total including rollovers from FY13/14 & amendments	\$1,607,832

2014/15 Budget Allocations

PHASE 1										
as of May 19, 2014	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	\$ 72,628	\$ 5,257	\$ 23,164	\$ 6,254	\$ 19,953	\$ 2,594	\$ 2,594	\$ 12,812		
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	\$ 175,108	\$ 12,676.00	\$ 55,850.00	\$ 15,079.00	\$ 48,107.00	\$ 6,254.00	\$ 6,253.00	\$ 30,889.00		

PHASE 2											
as of May 19, 2014	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	\$ 823,335	\$ -	\$ 289,713	\$ 219,680	\$ 32,204	\$ 89,627	\$ -	\$ -	\$ 192,112	\$ -	
SCWA Administration - Grants and EIR/EIS	\$ 116,836	\$ -	\$ 41,112	\$ 31,174	\$ 4,570	\$ 12,719	\$ -	\$ -	\$ 27,262	\$ -	
Contingency	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
TOTAL CONSULTANT BUDGET	\$ 1,115,891	\$ -	\$ 392,656	\$ 297,738	\$ 43,647	\$ 121,475	\$ -	\$ -	\$ 260,375	\$ -	

Joint Use											
as of May 19, 2014	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	\$ 70,500	\$ 8,813	\$ 8,813	\$ 8,813	\$ 8,813	\$ 8,813	\$ 8,813	\$ 8,813	\$ 8,813	\$ -	
State Advocacy - The Onate Group (Sub to Bryant)	\$ 36,000	\$ 4,500	\$ 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	\$ 16,875	\$ -	
Contingency - included in consultant costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
TOTAL CONSULTANT BUDGET	\$ 241,500	\$ 30,187	\$ 30,188	\$ 30,188	\$ 30,188	\$ 30,187	\$ 30,188	\$ 30,187	\$ 30,187	\$ -	

Totals - As Budgeted											
Approved by Board May 19, 2014	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	\$ 175,108	\$ 12,676	\$ 55,850	\$ 15,079	\$ 48,107	\$ 6,254	\$ 6,253	\$ 30,889	\$ -	\$ -	
Total Phase 2 FY13/14	\$ 1,115,891	\$ -	\$ 392,656	\$ 297,738	\$ 43,647	\$ 121,475	\$ -	\$ -	\$ 260,375	\$ -	
Total Joint Phase FY13/14	\$ 241,500	\$ 30,187	\$ 30,188	\$ 30,188	\$ 30,188	\$ 30,187	\$ 30,188	\$ 30,187	\$ 30,187	\$ -	
Total Phase 1, 2 and Joint FY13/14	\$ 1,532,499	\$ 42,863	\$ 478,694	\$ 343,005	\$ 121,942	\$ 157,916	\$ 36,441	\$ 61,076	\$ 290,562	\$ -	

Notes:
 \$1 subtracted to correct rounding issues

North Bay Water Reuse Authority
July 1, 2014 to Date Transaction Summary
as of July 13, 2015

Item No. 6.d

PHASE 1

Date	Description	Amount		Las					Napa County	North Marin Water Dist.
				Galinas	Napa	Novato	SVCSD	SCWA		
7/1/2014	Beginning Balance	118,958.02	b	5,020.55	39,368.99	6,940.04	33,200.78	4,974.12	4,907.35	24,546.76
7/16/2014	NMWD Inv. 15-05 - Phase I Membership fee	30,889.00	d							30,889.00
7/23/2014	Napa County Inv. 15-04 - Phase I Membership fee	6,253.00	d						6,253.00	
7/23/2014	SVCSD Inv. 15-06 - Phase I Membership fee	48,107.00	d				48,107.00			
7/23/2014	SCWA Inv. 15-07 - Phase I Membership fee	6,254.00	d					6,254.00		
7/29/2014	Novato San Inv.15-02 - Phase I Membership fee	15,079.00	d			15,079.00				
7/29/2014	Napa San Inv. 15-03 - Phase I Membership fee	55,850.00	d		55,850.00					
7/31/2014	CDM Smith Inc (VP)									
8/7/2014	LGVSD Inv. 15-01 - Phase I Membership fee	12,676.00	d	12,676.00						
9/15/2014	CDM Smith Inv. 80498807/17	(1,621.00)	p c	(117.34)	(517.01)	(139.59)	(445.33)	(57.89)	(57.89)	(285.94)
9/15/2014	Transfer of balances from WS admin phase (Closed)	(168.25)	p	2.73	2.73	2.73	2.73	2.73	(75.48)	(106.42)
9/18/2014	Petaluma Inv. 15-011 - PH I Initiation reimbursement	161,480.00	d	11,689.29	51,503.10	13,905.22	44,363.13	5,767.14	5,767.14	28,484.98
10/21/2014	Bryant & Associates September 2014	(12,776.57)	p ba	(924.88)	(4,075.01)	(1,100.20)	(3,510.09)	(456.31)	(456.31)	(2,253.78)
11/14/2014	CDM Smith Inv. 80505871	(1,779.20)	p c	(128.79)	(567.47)	(153.21)	(488.80)	(63.54)	(63.54)	(313.85)
11/21/2014	Petaluma PH I Initiation reimbursement - LGVSD	(11,689.29)	p	(11,689.29)						
11/21/2014	Petaluma PH I Initiation reimbursement - NAPA SAN	(51,503.10)	p		(51,503.10)					
11/21/2014	Petaluma PH I Initiation reimbursement - NOVATO	(13,905.22)	p			(13,905.22)				
11/21/2014	Petaluma PH I Initiation reimbursement - SVCSD	(44,363.13)	p				(44,363.13)			
11/21/2014	Petaluma PH I Initiation reimbursement - Napa Co	(5,767.14)	p						(5,767.14)	
11/21/2014	Petaluma PH I Initiation reimbursement - NMWD	(28,484.98)	p							(28,484.98)
12/29/2014	Bryant & Associates November 2014	(8,150.52)	p ba	(590.00)	(2,599.56)	(701.85)	(2,239.18)	(291.09)	(291.09)	(1,437.75)
12/30/2014	Petaluma PH I Initiation reimbursement - SCWA	(5,767.14)	p					(5,767.14)		
12/30/2014	Brown & Caldwell Invoice 11228642 (Correction)	(3,267.73)	p bc	(236.55)	(1,042.22)	(281.39)	(897.74)	(116.70)	(116.70)	(576.43)
1/2/2015	Brown & Caldwell Invoice 11230722	(5,026.50)	p bc	(363.86)	(1,603.17)	(432.84)	(1,380.92)	(179.52)	(179.52)	(886.67)
1/29/2015	Brown & Caldwell Invoice 11232267	(9,754.50)	p bc	(706.11)	(3,111.14)	(839.97)	(2,679.84)	(348.38)	(348.38)	(1,720.69)
1/29/2015	Bryant & Associates December 2014	(6,126.12)	p ba	(443.46)	(1,953.89)	(527.53)	(1,683.02)	(218.79)	(218.79)	(1,080.64)
2/18/2015	CDM Smith Inv.	(2,949.60)	p c	(213.52)	(940.76)	(253.99)	(810.34)	(105.34)	(105.34)	(520.31)
2/18/2015	Brown & Caldwell Invoice 11233787	(6,231.50)	p bc	(451.09)	(1,987.50)	(536.60)	(1,711.97)	(222.55)	(222.55)	(1,099.23)
2/20/2015	Bryant & Associates January 2015	(10,140.35)	p ba	(734.04)	(3,234.21)	(873.20)	(2,785.84)	(362.16)	(362.16)	(1,788.75)
3/4/2015	Bryant & Associates October 2014 - CORRECTION	(8,057.14)	p ba	(583.24)	(2,569.78)	(693.81)	(2,213.52)	(287.76)	(287.76)	(1,421.27)
3/4/2015	Bryant & Associates July & August 2014 - CORRECTION	(13,080.04)	p ba	(946.84)	(4,171.80)	(1,126.34)	(3,593.46)	(467.14)	(467.14)	(2,307.31)
3/27/2015	Bryant & Associates February 2015 (BA)	(7,001.52)	p ba	(506.83)	(2,233.09)	(602.91)	(1,923.52)	(250.05)	(250.05)	(1,235.06)
3/27/2015	Bryant & Associates February 2015 (TFG)	(143.04)	p ba	(143.04)	(1,975.94)	(170.15)	(542.85)	(70.57)	(70.57)	(348.55)
4/2/2015	Brown & Caldwell Invoice 11237093	(2,348.00)	p bc	(169.97)	(748.88)	(202.19)	(645.06)	(83.86)	(83.86)	(414.19)
4/22/2015	Bryant & Associates March 2015	(8,129.27)	p ba	(588.47)	(2,592.78)	(700.02)	(2,233.34)	(290.33)	(290.33)	(1,434.00)
5/11/2015	Brown & Caldwell Invoice 11238886	(864.00)	p bc	(62.54)	(275.57)	(74.40)	(237.37)	(30.86)	(30.86)	(152.41)
5/27/2015	Bryant & Associates April 2015	(8,759.35)	p ba	(634.08)	(2,793.74)	(754.28)	(2,406.44)	(312.83)	(312.83)	(1,545.14)
5/27/2015	Brown & Caldwell Invoice 11241185	(213.00)	p bc	(15.42)	(67.94)	(18.34)	(58.52)	(7.61)	(7.61)	(37.57)
6/15/2015	Bryant & Associates May 2015	(8,293.99)	p ba	(600.39)	(2,645.32)	(714.20)	(2,278.59)	(296.21)	(296.21)	(1,463.05)
6/18/2015	CDM Smith Inv. 80525121/20	(8,403.42)	p c	(608.31)	(2,680.22)	(723.63)	(2,308.66)	(300.12)	(300.12)	(1,482.36)
6/25/2015	Brown & Caldwell Invoice 11243950	(1,384.50)	p bc	(100.22)	(441.58)	(119.22)	(380.36)	(49.45)	(49.45)	(244.22)
7/1/2015	Bryant & Associates June 2015	(8,148.80)	p ba	(589.88)	(2,599.01)	(701.70)	(2,238.71)	(291.03)	(291.03)	(1,437.44)
7/9/2015	CDM Smith Inv. 80525121/21	(4,297.24)	p c	(311.07)	(1,370.58)	(370.04)	(1,180.57)	(153.47)	(153.47)	(758.03)
Current NBWRA Balance				145,117.97						
PENDING										
	Brown & Caldwell Invoice 11245365	(4,986.00)	bc	(360.93)	(1,590.26)	(429.35)	(1,369.80)	(178.07)	(178.07)	(879.53)
	ESA - Invoice 115174	(2,948.75)	e	(213.46)	(940.49)	(253.92)	(810.11)	(105.31)	(105.31)	(520.16)
Projected Balance				137,183.22						
				6,929.34	47,769.27	9,210.18	40,436.49	5,917.28	5,771.31	29,084.67
				6,354.95	45,238.53	8,526.91	38,256.59	5,633.90	5,487.92	27,684.99
				LG	Napa	Nov	SV	SCWA	Napa County	North Marin
				4.77%	32.92%	6.35%	27.86%	4.08%	3.98%	20.04%
NBWRA Reconciliation										
	Beginning Balance	118,958.02	b	5,020.55	39,368.99	6,940.04	33,200.78	4,974.12	4,907.35	24,546.76
	Deposits	336,588.00	d	24,365.29	107,353.10	28,984.22	92,470.13	12,021.14	12,020.14	59,373.98
	Interest Earnings	-	i	-	-	-	-	-	-	-
	Payments	(310,428.05)	p	(22,456.50)	(98,952.82)	(26,714.08)	(85,234.42)	(11,077.97)	(11,156.18)	(54,836.07)
				145,117.97						
				6,929.34	47,769.27	9,210.18	40,436.49	5,917.28	5,771.31	29,084.67

North Bay Water Reuse Authority
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PHASE 1

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<u>Vendor</u>	NBWRA Obligations				<u>Expires</u>	<u>% Spent</u>	
	<u>Encumbrances</u>	<u>Paid to date</u>	<u>Adjustments</u>	<u>Balance</u>			
ESA	6,740.65	e	-	-	6,740.65	6/30/2015	0%
CDM Smith (1400000002)	49,681.83	c	19,050.46	-	30,631.37	6/30/2015	38%
B&C (1500000013)	72,628.00	bc	29,089.73	-	43,538.27	6/30/2017	40%
Bryant & Associates (1500000011)	102,480.00	ba	100,639.61	-	1,840.39	6/30/2017	98%
Total	231,530.48		148,779.80	-	82,750.68		

	<u>Unencumbered</u>		<u>Spent</u>	<u>Misc.</u>	<u>Balance</u>	<u>% Spent</u>
Admin Agency Services	-	a	-	-	-	#DIV/0!
Contingency	-		-		-	#DIV/0!
Total	231,530.48		148,779.80	-	82,750.68	

*rollover from LFY
*rollover from LFY

Miscellaneous Expenses

m

Total Expenses

148,779.80

North Bay Water Reuse Authority
July 1, 2014 to Date Transaction Summary
as of July 13, 2015
PHASE 2

Item No. 6.d

Date	Description	Amount		Las					City of	Marin Muni
				Galinas	Napa	Novato	SVCSD	SCWA	Petaluma	Water Dist.
7/1/2014	Beginning Balance	4,533.40	b	647.63	647.63	647.63	647.63	647.63	647.63	647.63
7/23/2014	SVCSD Inv. 15-06 - Phase II Membership Fee	43,647.00	d				43,647.00			
7/23/2014	SCWA Inv. 15-07 - Phase II Membership Fee	121,475.00	d					121,475.00		
7/29/2014	Novato San Inv.15-02 - Phase II Membership Fee	297,738.00	d			297,738.00				
7/29/2014	Napa San Inv. 15-03 - Phase II Membership Fee	392,656.00	d		392,656.00					
9/8/2014	Petaluma Inv. 15-08 - Phase II Membership Fee	260,375.00	d						260,375.00	
10/21/2014	Bryant & Associates September 2014	(24,777.13)	p ba	-	(8,718.50)	(6,610.95)	(969.14)	(2,697.21)	(5,781.33)	-
10/24/2014	Brown & Caldwell Invoice 11226043	(50,957.57)	p bc	-	(17,930.79)	(13,596.34)	(1,993.16)	(5,547.18)	(11,890.10)	-
12/2/2014	Brown & Caldwell Invoice 11228642	(47,593.94)	p bc	-	(16,747.21)	(12,698.86)	(1,861.59)	(5,181.02)	(11,105.25)	-
12/8/2014	Salary/Assn Chgs Applied	(954.96)	p a	-	(336.03)	(254.80)	(37.35)	(103.96)	(222.82)	-
12/22/2014	Salary/Assn Chgs Applied	(124.90)	p a	-	(43.95)	(33.33)	(4.89)	(13.60)	(29.14)	-
12/29/2014	Bryant & Associates November 2014	(14,012.33)	p ba	-	(4,930.61)	(3,738.73)	(548.08)	(1,525.37)	(3,269.54)	-
12/30/2014	Correction to B&C Inv 11228642 - moved portion to PH1	3,267.73	d bc	-	1,149.84	871.89	127.81	355.72	762.47	-
1/2/2015	Brown & Caldwell Invoice 11230722	(32,029.54)	p bc	-	(11,270.45)	(8,546.02)	(1,252.81)	(3,486.70)	(7,473.56)	-
1/7/2015	Salary/Assn Chgs Applied	(372.35)	p a	-	(131.02)	(99.35)	(14.56)	(40.53)	(86.88)	-
1/29/2015	Brown & Caldwell Invoice 11232267	(21,518.86)	p bc	-	(7,571.99)	(5,741.59)	(841.69)	(2,342.52)	(5,021.07)	-
1/29/2015	Bryant & Associates December 2014	(9,189.17)	p ba	-	(3,233.46)	(2,451.83)	(359.43)	(1,000.32)	(2,144.14)	-
2/18/2015	Brown & Caldwell Invoice 11233787	(17,686.92)	p bc	-	(6,223.62)	(4,719.17)	(691.81)	(1,925.38)	(4,126.95)	-
2/20/2015	Bryant & Associates January 2015	(18,610.38)	p ba	-	(6,548.56)	(4,965.56)	(727.93)	(2,025.90)	(4,342.42)	-
3/4/2015	Bryant & Associates October 2014 - CORRECTION	(13,765.13)	p ba	-	(4,843.63)	(3,672.77)	(538.41)	(1,498.46)	(3,211.86)	-
3/4/2015	Bryant & Associates July & August 2014 - CORRECTION	(19,620.07)	p ba	-	(6,903.85)	(5,234.96)	(767.42)	(2,135.82)	(4,578.02)	-
3/5/2015	Salary/Assn Chgs Applied	(558.60)	p a	-	(196.56)	(149.04)	(21.85)	(60.81)	(130.34)	-
3/13/2015	Salary/Assn Chgs Applied	(1,205.10)	p a	-	(424.05)	(321.54)	(47.14)	(131.19)	(281.19)	-
3/17/2015	Salary/Assn Chgs Applied	(443.38)	p a	-	(156.02)	(118.30)	(17.34)	(48.27)	(103.46)	-
3/24/2015	Salary/Assn Chgs Applied	(4,259.71)	p a	-	(1,498.89)	(1,136.56)	(166.61)	(463.71)	(993.93)	-
3/26/2015	Salary/Assn Chgs Applied	(1,261.61)	p a	-	(443.93)	(336.62)	(49.35)	(137.34)	(294.38)	-
3/27/2015	Bryant & Associates February 2015 (BA)	(10,502.27)	p ba	-	(3,695.51)	(2,802.18)	(410.79)	(1,143.27)	(2,450.53)	-
3/27/2015	Bryant & Associates February 2015 (TFG)	(4,610.52)	p ba	-	(1,622.34)	(1,230.16)	(180.34)	(501.90)	(1,075.79)	-
4/2/2015	Brown & Caldwell Invoice 11237093	(46,884.68)	p bc	-	(16,497.63)	(12,509.62)	(1,833.85)	(5,103.81)	(10,939.76)	-
4/13/2015	Salary/Assn Chgs Applied	(1,577.33)	p a	-	(555.03)	(420.86)	(61.70)	(171.71)	(368.04)	-
4/22/2015	Bryant & Associates March 2015	(13,921.53)	p ba	-	(4,898.66)	(3,714.50)	(544.53)	(1,515.48)	(3,248.36)	-
4/24/2015	Salary/Assn Chgs Applied	(1,564.03)	p a	-	(550.35)	(417.31)	(61.18)	(170.26)	(364.94)	-
5/11/2015	Brown & Caldwell Invoice 11238886	(70,919.82)	p bc	-	(24,955.04)	(18,922.60)	(2,773.97)	(7,720.25)	(16,547.96)	-
5/18/2015	Salary/Assn Chgs Applied	(2,595.97)	p a	-	(913.46)	(692.65)	(101.54)	(282.59)	(605.73)	-
5/18/2015	Salary/Assn Chgs Applied	32.18	p a	-	11.32	8.59	1.26	3.50	7.51	-
5/26/2015	Salary/Assn Chgs Applied	(830.02)	p a	-	(292.06)	(221.46)	(32.47)	(90.36)	(193.67)	-
5/27/2015	Bryant & Associates April 2015	(14,807.93)	p ba	-	(5,210.57)	(3,951.00)	(579.20)	(1,611.97)	(3,455.18)	-
5/27/2015	Brown & Caldwell Invoice 11241185	(57,462.59)	p bc	-	(20,219.76)	(15,331.99)	(2,247.60)	(6,255.31)	(13,407.94)	-
6/9/2015	Salary/Assn Chgs Applied	(1,409.88)	p a	-	(496.10)	(376.18)	(55.15)	(153.48)	(328.97)	-
6/15/2015	Bryant & Associates May 2015	(14,317.22)	p ba	-	(5,037.90)	(3,820.08)	(560.01)	(1,558.56)	(3,340.68)	-
6/19/2015	Salary/Assn Chgs Applied	(1,474.07)	p a	-	(518.69)	(393.31)	(57.66)	(160.47)	(343.95)	-
6/25/2015	Brown & Caldwell Invoice 11243950	(58,943.37)	p bc	-	(20,740.81)	(15,727.08)	(2,305.52)	(6,416.51)	(13,753.45)	-
7/1/2015	Bryant & Associates June 2015	(13,978.44)	p ba	-	(4,918.69)	(3,729.68)	(546.75)	(1,521.68)	(3,261.64)	-
7/1/2015	Salary/Assn Chgs Applied	(1,051.09)	p a	-	(369.85)	(280.45)	(41.11)	(114.42)	(245.25)	-
Current NBWRA Balance		527,931.90		647.63	184,819.22	140,298.67	21,119.81	57,624.57	122,774.38	647.63
PENDING										
	Brown & Caldwell Invoice 11245365	(59,930.73)	bc	-	(21,088.24)	(15,990.53)	(2,344.14)	(6,523.99)	(13,983.84)	-
Projected Balance		468,001.17		647.63	163,730.98	124,308.14	18,775.67	51,100.58	108,790.54	647.63
				LG	Napa	Nov	SV	SCWA	Petaluma	MMWD
				0.123%	35.008%	26.575%	4.000%	10.915%	23.256%	0.123%

North Bay Water Reuse Authority
July 1, 2014 to Date Transaction Summary
as of July 13, 2015
PHASE 2

Item No. 6.d

NBWRA Reconciliation	
Beginning Balance	4,533.40
Deposits	1,119,158.73
Interest Earnings	-
Payments	(595,760.23)
	527,931.90

b
d
i
p

647.63	647.63	647.63	647.63	647.63	647.63	647.63	647.63
-	393,805.84	298,609.89	43,774.81	121,830.72	261,137.47	-	-
-	-	-	-	-	-	-	-
-	(209,634.25)	(158,958.85)	(23,302.63)	(64,853.78)	(139,010.72)	-	-
647.63	184,819.22	140,298.67	21,119.81	57,624.57	122,774.38	-	647.63

Vendor	NBWRA Obligations					
	Encumbrances	Paid to date	Adjustments	Balance	Expires	% Spent
B&C (1500000013)	825,335.00	bc 400,729.56	-	424,605.44	6/30/2017	49%
Bryant & Associates (1500000011)	175,720.00	ba 172,112.12	-	3,607.88	6/30/2017	98%
Total	1,001,055.00	572,841.68	-	428,213.32		
	Unencumbered	Spent	Misc.	Balance		% Spent
Admin Agency Services FY14/15	116,836.00	a 19,650.82		97,185.18		17%
Total	1,117,891.00	592,492.50	-	525,398.50		

Miscellaneous Expenses

m _____ -

Total Expenses

592,492.50

North Bay Water Reuse Authority
July 1, 2014 to Date Transaction Summary
as of July 13, 2015
Joint Use

Item No. 6.d

Date	Description	Amount		Galinas	Napa	Novato	SVCSD	SCWA	Napa County	Water Dist.	Petaluma	Water Dist.	Marin County	American Canyon
5/18/2015	Salary/Assn Chgs Applied	(3,777.78)	p a	(472.22)	(472.22)	(472.22)	(472.22)	(472.22)	(472.22)	(472.22)	(472.22)			
5/18/2015	Salary/Assn Chgs Applied	34.79	p a	4.35	4.35	4.35	4.35	4.35	4.35	4.35	4.35			
5/26/2015	JV To Clean Up Account 20300 f	(220.67)	p a	(27.58)	(27.58)	(27.58)	(27.58)	(27.58)	(27.58)	(27.58)	(27.58)			
5/26/2015	Salary/Assn Chgs Applied	(3,382.10)	p a	(422.76)	(422.76)	(422.76)	(422.76)	(422.76)	(422.76)	(422.76)	(422.76)			
5/27/2015	Bryant & Associates April 2015	(3,000.00)	p ba	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)			
5/27/2015	Weir Technical Services SCWA 04-15	(5,962.50)	p w2	(745.31)	(745.31)	(745.31)	(745.31)	(745.31)	(745.31)	(745.31)	(745.31)			
5/27/2015	Weir Technical Services SCWA 04-15 (Expenses)	(102.35)	p w2	(12.79)	(12.79)	(12.79)	(12.79)	(12.79)	(12.79)	(12.79)	(12.79)			
5/27/2015	Xtelesis Corporation	(18.15)	p a	(2.27)	(2.27)	(2.27)	(2.27)	(2.27)	(2.27)	(2.27)	(2.27)			
6/3/2015	Correcting JV County Counsel	(114.50)	p m	(14.31)	(14.31)	(14.31)	(14.31)	(14.31)	(14.31)	(14.31)	(14.31)			
6/8/2015	County Counsel SCWA MAR 15	(114.50)	p m	(14.31)	(14.31)	(14.31)	(14.31)	(14.31)	(14.31)	(14.31)	(14.31)			
6/9/2015	Salary/Assn Chgs Applied	(1,206.05)	p a	(150.76)	(150.76)	(150.76)	(150.76)	(150.76)	(150.76)	(150.76)	(150.76)			
6/15/2015	Bryant & Associates May2015	(3,000.00)	p ba	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)			
6/19/2015	Weir Technical Services SCWA 05-15	(4,200.00)	p w2	(525.00)	(525.00)	(525.00)	(525.00)	(525.00)	(525.00)	(525.00)	(525.00)			
6/19/2015	Weir Technical Services SCWA 05-15 (Expenses)	(88.53)	p w2	(11.07)	(11.07)	(11.07)	(11.07)	(11.07)	(11.07)	(11.07)	(11.07)			
6/19/2015	Salary/Assn Chgs Applied	(1,213.39)	p a	(151.67)	(151.67)	(151.67)	(151.67)	(151.67)	(151.67)	(151.67)	(151.67)			
6/30/2015	AM. Canyon Inv. 15-12 - Associate membership fee	5,000.00	d											5,000.00
7/1/2015	Bryant & Associates June 2015	(3,000.00)	p ba	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)	(375.00)			
7/2/2015	Xtelesis Corporation	(9.00)	p m	(1.13)	(1.13)	(1.13)	(1.13)	(1.13)	(1.13)	(1.13)	(1.13)			
7/2/2015	Salary/Assn Chgs Applied	(3,376.56)	p a	(422.07)	(422.07)	(422.07)	(422.07)	(422.07)	(422.07)	(422.07)	(422.07)			
7/6/2015	Weir Technical Services SCWA 06-15	(4,575.00)	p w2	(571.88)	(571.88)	(571.88)	(571.88)	(571.88)	(571.88)	(571.88)	(571.88)			
7/6/2015	Weir Technical Services SCWA 06-15 (Expenses)	(72.85)	p w2	(9.11)	(9.11)	(9.11)	(9.11)	(9.11)	(9.11)	(9.11)	(9.11)			
Current NBWRA Balance				21,344.61	21,345.61	21,345.61	21,345.61	21,344.61	21,345.61	21,344.61	17,634.74	11,884.62	10,000.00	5,000.00
PENDING				-	-	-	-	-	-	-	-	-	-	-
Projected Balance				21,344.61	21,345.61	21,345.61	21,345.61	21,344.61	21,345.61	21,344.61	17,634.74	11,884.62	10,000.00	5,000.00

NBWRA Reconciliation		
Beginning Balance	92,930.69	b
Deposits	256,500.00	d
Interest Earnings	-	i
Payments	(155,495.02)	p
Balance	193,935.67	

LG	Napa	Nov	SV	SCWA	Napa County	North Marin	Petaluma	MMWD	Marin County	AM	
11.006%	11.007%	11.007%	11.007%	11.007%	11.006%	11.007%	11.006%	9.093%	6.128%	5.156%	2.578%
10,594.49	10,594.49	10,594.49	10,594.49	10,594.49	10,594.49	10,594.49	10,594.49	6,884.62	6,884.62	5,000.00	-
30,187.00	30,188.00	30,188.00	30,188.00	30,187.00	30,188.00	30,187.00	30,187.00	5,000.00	5,000.00	5,000.00	5,000.00
-	-	-	-	-	-	-	-	-	-	-	-
(19,436.88)	(19,436.88)	(19,436.88)	(19,436.88)	(19,436.88)	(19,436.88)	(19,436.88)	(19,436.88)	-	-	-	-
21,344.61	21,345.61	21,345.61	21,345.61	21,344.61	21,345.61	21,344.61	17,634.74	11,884.62	10,000.00	5,000.00	

Vendor	NBWRA Obligations					
	Encumbrances	Paid to date	Adjustments	Balance	Expires	% Spent
Weir Technical Services (1400000004)	16,910.87	10,649.77	-	6,261.10	9/30/2014	63%
Weir Technical Services (1500000012)	70,500.00	36,267.33	-	34,232.67	6/30/2017	51%
Bryant & Associates (1500000011)	36,000.00	36,000.00	-	-	6/30/2017	100%
Total	123,410.87	82,917.10	-	40,493.77		

* expired 9/30/2014 - balance released

Vendor	NBWRA Obligations				% Spent
	Unencumbered	Spent	Misc.	Balance	
Admin Agency Services	135,000.00	70,836.46	738.44	63,425.10	53%
Unallocated funds	64,475.20	1,003.02	-	63,472.18	2%
Contingency	-	-	-	-	#DIV/0!
Total	199,475.20	154,756.58	-	103,918.87	

TOTAL	322,886.07	
Miscellaneous Expenses		738.44
Total Expenses		155,495.02

NOTES:

**Interest
North Bay Water Reuse Authority
as of July 13 2015**

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		
Total		\$ 6,536.35

4/1/2015

Membership in NBWRA
Cost-Benefit Analysis - Phase 1

<i>Costs</i>			NSD & NC
	<u>NSD</u>	<u>Napa Co.</u>	<u>Total</u>
FY 04/05 NBWRA Expenses	21,963	-	21,963
FY 05/06 NBWRA Expenses	116,843	-	116,843
FY 06/07 NBWRA Expenses	156,435	-	156,435
FY 07/08 NBWRA Expenses	104,742	123,915	228,657
FY 08/09 NBWRA Expenses	107,973	107,973	215,946
FY 09/10 NBWRA Expenses	67,393	67,393	134,786
FY 10/11 NBWRA Expenses	78,987	78,987	157,974
FY 10/11 Prop 84 Assessment	3,500	-	3,500
FY 11/12 NBWRA Expenses	104,381	104,381	208,762
FY 12/13 NBWRA Expenses	91,668	98,632	190,300
FY 12/13 Reconciliation	80,207	80,207	160,414
FY 13/14 NBWRA Expenses	42,921	10,365	53,286
FY 14/15 NBWRA Expenses	43,019	27,925	70,944
	1,020,032	699,778	1,719,810
<u>Future Commitments</u>			
FY 15/16 NBWRA - Estimate	43,019	27,925	70,944
FY 16/17 NBWRA - Estimate	43,019	27,925	70,944
	1,106,070	755,628	1,861,698

NSD and Napa County - overall Allocation of NBWRA Expenses = 31.89% (based on FY06-FY11 Recalculation)

Benefits

	<u>Total NBWRA</u>	<u>NSD & NC Share</u>	
<i>Accrued Benefits</i>			
Study Phase and EIR/EIS Document	2,369,000	755,474	
USBR - ARRA Grant	7,300,000	1,506,250	
WaterSmart Grant #2	3,836,750	1,900,000	
WaterSmart Grant #3	4,000,000	3,875,000	
WaterSmart Grant #4	4,000,000	1,500,000	
Prop 84 Grant - Round #1	2,000,000	625,000	
Prop 84-Round #3 (Drought)	4,000,000	4,000,000	
	27,505,750	14,161,724	51%

Benefit-to-Cost Ratio

	<u>NSD and County Accrued and Likely Benefits</u>
Benefit	14,161,724
Cost	1,861,698

Benefit/Cost Ratio **7.61**

Costs/Benefits Ratio **0.13**

Future Possible Benefits

	<u>NSD/NC Share</u>
Additional Title XVI WaterSmart Grants (#5)	503,496
Prop 84 Grant - Round 3	1,000,000

Potential Benefit/Cost Ratio **8.41**