



NORTH BAY WATER REUSE PROGRAM

Expanding Water Supplies with Regional Reuse



BOARD OF DIRECTORS MEETING

AGENDA

**Monday, September 27, 2021
9:30 AM**

**Due to Shelter in Place Orders, this meeting will be a Zoom Meeting only.
Meeting participants and the public may participate via the following:**

Join Zoom Meeting

<https://us02web.zoom.us/j/84458034981>

Meeting ID: 844 5803 4981

One tap mobile +16699009128, 84458034981# US (San Jose)

Dial in +1 669 900 9128 US (San Jose)

Meeting ID: 844 5803 4981

1. Call to Order (1 minute)

2. Roll Call (1 minute)

3. Public Comment (3 minutes)

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

4. Introductions (2 minutes)

5. Board Meeting Minutes of July 26, 2021 (2 minutes)

(The Board will consider approving the minutes from the July 26, 2021 Board meeting.)

6. Report from the Chair (5 minutes)

(The Chair will report on items of interest to the Board.)

**Action
Pages 3 – 6**

**Information and
Discussion
Page 7**

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

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

- Page 8** **6.a Summary of Subgroup meetings of August 19, August 25, and September 17, 2021**
- Action** **7. Declaration of a State of Emergency Pursuant to AB361 Due to COVID-19 to**
Page 9 **Continue Remote Meetings Until the State of Emergency is Rescinded or**
Until January 1, 2024, Whichever Occurs First
(The Board will consider declaring a State of Emergency due to COVID-19 to continue remote meetings until the emergency is rescinded or until January 1, 2024, whichever occurs first.)
- Information** **8. Consultant Progress Reports (5 minutes)**
Pages 10 – 14 (The Board will review the consultant progress reports for the periods July - August 2021.)
- Information** **9. Financial Reports for the Fiscal Years Ending June 30, 2021 and June 30,**
Pages 15 – 47 **2022 (5 minutes)**
(The Board will review the Financial Reports for Fiscal Years Ending June 30, 2021 and June 30, 2021.)
- Information and** **10. Future Direction and Next Steps for NBWRA (45 minutes)**
Discussion (The Board will participate in a discussion on the future direction for NBWRA and provide
Pages 48 – 63 direction to the consultant team for next steps.)
- Information** **11. Status of Phase 1 Reconciliation and Closeout Activities (5 minutes)**
Page 64 (The Board will be updated on Phase 1 status of reconciliation and closeout activities.)
- Discussion** **12. Status of Phase 2 (10 minutes)**
Page 65 (The Board will be updated on the status of the Phase 2 EIR/EIS including possibly adding additional projects.)
- Discussion** **13. Items for the Next Agenda (5 minutes)**
Page 66 (The Board will consider items for the next Agenda.)
- Discussion** **14. Comments from the Chair, Board, and Member Agencies (5 minutes)**
(The Board will discuss items for future discussion and the Chair, Board, or Member Agencies may make brief announcements or reports on their 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.)
- 15. Adjournment (1 minute)**

<p align="center">Next Board Meeting To be announced</p>

(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 404 Aviation Boulevard, Santa Rosa, CA 95403. 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
July 26, 2021
DRAFT**

1. Call to Order

Vice Chair Ramos called the meeting to order at 9:32 a.m. on Monday, July 26, 2021. Due to Shelter in Place Orders, this meeting was a Zoom only meeting. Meeting participants and the public participated via the following link: <https://us02web.zoom/j/83691236357>.

2. Roll Call

PRESENT:	Belia Ramos, Vice Chair	Napa County
	Jack Baker	North Marin Water District
	Brian Barnacle	City of Petaluma
	Grant Davis	Sonoma Water
	Jack Gibson	Marin Municipal Water District
	Susan Gorin	Sonoma Valley County Sanitation District
	Sandeep Karkal	Novato Sanitary District
	Dennis Rodoni	Marin County
	Scott Sedgley	Napa Sanitation District

ABSENT:	Pierre Washington	City of American Canyon
	Rabi Elias	Las Gallinas Valley Sanitary District

OTHERS

PRESENT:	Chuck Weir, Program Manager	Weir Technical Services
	Kevin Booker	Sonoma Water
	Lucy Croy	North Marin Water District
	Jason Farnsworth	City of Petaluma
	Jim Grossi	North Marin Water District
	Rene Guillen	Brown & Caldwell
	Pam Jeane	Sonoma Water
	Drew McIntyre	North Marin Water District
	Mark Millan	Data Instincts
	Jim O'Toole	ESA
	Larry Russell	Marin Municipal Water District
	Mike Savage	Data Instincts
	Paul Sellier	Marin Municipal Water District
	Brad Sherwood	Sonoma Water
	Jake Spaulding	Sonoma Water
	Dawn Taffler	Kennedy Jenks Consultants
	Tony Williams	North Marin Water District

3. Public Comments

There were no members of the public.

4. Introductions

Introductions were not made.

5. Board Meeting Minutes of April 19, 2021.

On a motion by Director Baker, seconded by Director Barnacle, the minutes of the April 19, 2021, meeting were unanimously approved by the Board by a roll call vote.

6. Report from the Chair**6.a Subgroup meeting of March 8, 2021**

The Board reviewed the May 4, June 8, and July 15 meetings of the subgroup. The group prepared, finalized, distributed, and tracked the results of the issues survey that was sent to all Board and TAC members. The subgroup also hosted the three county meetings as described in Agenda Item No. 11.

7. Consultant Progress Reports

The Board reviewed the consultant progress reports for the period March - June 2021.

8. Authorize Sonoma County Water Agency to Amend Agreement for Program Management for North Bay Water Reuse Authority with Charles V. Weir dba Weir Technical Services.

Program Manager Weir described the intent of the amendment and noted that it had been approved by County Water Agency earlier this month. The NBWRA Board is also required to approve the amendment. On a motion by Director Rodoni, seconded by Director Baker, the agreement amendment for Program Management Services with Charles V. Weir was unanimously approved by a roll call vote.

9. Financial Reports for Fiscal Year Ending June 30, 2021.

The Board reviewed the financial reports for the period ending June 30, 2021. Based on a question from Drew McIntyre, Jake Spaulding noted that there was an error on page 28 of the report. A formula got dropped from the spreadsheet and it will be corrected in the final report for the next meeting.

10. Three-Year Agreement with Granicus for a DisclosureDocs Subscription to Manage and File Form 700s for NBWRA.

Program Manager Weir described the purpose of the agreement and how it would simplify the Form 700 filing process. On a motion by Director Barnacle, seconded by Director Baker, the agreement with Granicus for a DisclosureDocs Subscription to Manage and File Form 700s was unanimously approved by a roll call vote.

11. Summary of Three County Meetings

Program Manager Weir provided a brief summary of the three county meetings as well as an introduction to Item No. 12, Future Direction and Next Steps for NBWRA. He indicated that the consultant team would provide a presentation on both items. He then introduced Rene Guillen to discuss the results of the survey and three county meetings. Mr. Guillen provided a brief history of NBWRA's cooperative successes with Phase 1 and Phase 2 and that the total value of projects is approximately \$180,000,000. Nearly \$39 million has been received from state and federal grants.

Mr. Guillen then summarized the three meetings and noted that the highest scoring issues were non potable and potable recycled water, drought response, stormwater management/flood control, and climate change/sea level rise. The results were only slightly different for water as compared to wastewater agencies. Director Barnacle asked about the distributed energy results as there seemed to be an error. Staff has since rechecked and concluded they were in fact accurate. For this topic, the overall score was 2.11, water agencies, 2.00 and wastewater agencies 2.20. Mr. Guillen then introduced Jim O'Toole to continue the presentation for Agenda Item No. 12.

12. Future Direction and Next Steps for NBWRA

Jim O'Toole continued the presentation as noted in Agenda Item No. 11. Mr. O'Toole noted that North Bay agencies all face common resiliency threats: Water supply / drought, saline intrusion, sea level rise, and changing regulations. Many of these issues go beyond water recycling and can best be addressed through a cooperative effort such as NBWRA and that NBWRA is well positioned to address a broader resilience planning approach that can evaluate funding source opportunities for each issue area. He further discussed four resilience areas and their potential funding opportunities: Recycled Water, Potable Reuse, Drought Contingency, and Sea Level Rise. He then discussed the possible funding from the new administration's Infrastructure Plan. Mr. O'Toole then discussed a potential roadmap and discussed the draft brochure included in the packet that could lead to the evolution of North Bay Water Reuse Authority to the North Bay Water Resilience Authority.

Mr. Weir summarized the discussion and outlined potential next steps that would include identifying potential projects and evaluating potential funding opportunities to develop funding strategies. This would ultimately lead to development of scopes of work, budget modifications, and potential modifications to the Memorandum of Understanding. A more detailed framework would be presented at the next Board meeting. At this point the presentation ended and the Board and TAC were asked to provide direction to the technical team.

Vice Chair Ramos and Directors Sedgley, Gorin, Barnacle, and Rodoni all spoke in favor of continuing to pursue additional opportunities for NBWRA as the cooperative program that has been developed is well suited to expand into other issue areas as discussed. Vice Chair Ramos summarized the discussion and asked the technical team to bring back potential options and recommendations for moving forward at the next meeting. No new budget for these activities was discussed. The technical team will use up to the current available budget to address the request.

13. Phase 1: Status of Reconciliation and Closeout Activities

Jake Spaulding gave an update on the reconciliation and close out activities for Phase 1. He noted that all projects have been completed and that the final date for closeout is September 30, 2021. He noted that the final report is in development and that they would be reaching out to the Phase 1 members for assistance in completing the report.

14. Status of Phase 2

Rene Guillen provided an update on the status of the Phase 2. Projects for SVCSD and Petaluma have been incorporated into the Phase 2 program and agreed to by Reclamation. A formal acceptance letter is in development and should be received within a few weeks.

15. Items for the Next Agenda

Items for the next Agenda include regular reports, Phase 1 and Phase 2 Status Reports, Water Bond Status, options for possible future projects, funding opportunities, budget considerations, and future meeting logistics.

16. Comments from the Chair, Board, and Member Agencies.

There were no comments from the Chair, Board, and Member Agencies. The Board discussed options for the next meeting and agreed on September 27, 2021, at the regular time of 9:30 a.m. Board members supported continuation of virtual meetings in order to minimize driving and associated impacts.

17. Adjournment

Vice Chair Ramos adjourned the meeting at 10:34 a.m. The next meeting will be Monday, September 27, 2021, at 9:30 a.m. via Zoom.

Minutes approved by the Board _____

Charles V. Weir
Program Manager

C:\Users\chuck\Documents\Weir Technical Services\NBWRA\Agendas\2021\2021-07\2021-07-26_NBWRA_Board_Minutes.docx

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Agenda Explanation
North Bay Water Reuse Authority
Board of Directors
September 27, 2021

ITEM NO. 6 REPORT FROM THE CHAIR

Action Requested

None at this time. The Board should determine the date for the next meeting.

Summary

The Chair will report on items of interest to the Board. Part of the Chair's report includes Agenda Item No. 6.a, Summary of Subgroup Zoom meetings of August 19, August 25, and September 17, 2021.

The next Board meeting has not yet been scheduled pending budget issues and future direction for NBWRA. Options for the next Board meeting include the following:

October 25, 2021

November 29, 2021

Recommendation

None at this time. This is an information item only. The Board should determine the date for the next meeting. In person meetings appear to be allowed, but the Board expressed a preference for remote meetings in order to reduce NBWRA's carbon footprint. Please refer to Agenda Item No. 7 related to a state of emergency and remote meetings.

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Agenda Explanation
North Bay Water Reuse Authority
Board of Directors
September 27, 2021

**ITEM NO. 6.a SUMMARY OF SUBGROUP MEETINGS OF AUGUST 19, AUGUST 25,
AND SEPTEMBER 17, 2021**

Action Requested

None at this time.

Summary

In keeping with past direction by the Board, a subgroup also known as the technical team has been meeting to track the progress of Phase 1 and Phase 2 projects, funding options, and developing potential workplans for addressing future issues of interest to NBWRA. The future issues are based on the results of the three county meetings that were held in June. The Subgroup met on August 19, August 25, and September 17, 2021. The subgroup includes Kevin Booker and Jake Spaulding, Sonoma Water; Rene Guillen, Brown & Caldwell; Mark Millan and Mike Savage, Data instincts; and Chuck Weir, Program Manager. Information discussed by the subgroup is covered in the rest of the reports in this agenda packet.

Recommendation

None at this time. This is an information item only.

Attachment

None

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Agenda Explanation
North Bay Water Reuse Authority
Board of Directors
September 27, 2021

ITEM NO. 7 DECLARATION OF A STATE OF EMERGENCY PURSUANT TO AB361 DUE TO COVID-19 TO CONTINUE REMOTE MEETINGS UNTIL THE STATE OF EMERGENCY IS RESCINDED OR UNTIL JANUARY 1, 2024, WHICHEVER COMES FIRST

Action Requested

None at this time.

Summary

Executive Orders from the Governor have allowed public agencies to hold remote meetings and still be in compliance with the Brown Act. Those orders are set to expire September 30, 2021 unless extended. The legislature passed and the governor has signed AB361 which allows public agencies to continue to hold remote meeting and still comply with the Brown Act. However, in order to continue remote meetings each public agency must declare a state of emergency due to COVID-19. This allows the continuation of remote meetings until the state of emergency is rescinded or until the ability sunsets on January 2, 2024 s specified in the legislation.

At the last meeting, Board members expressed a desire to continue remote meetings in an effort to minimize the carbon footprint of the meetings which have 25-30 people traveling from the three counties to Novato. AB361 will allow for the continuation of remote meetings. There may be additional requirements that have not yet been identified.

Recommendation

It is recommended that the Board Declare a State of Emergency due to COVID-19 to allow for the continuation of remote meetings until the State of Emergency is rescinded or until January 1, 2024, whichever comes first.

Attachment

None

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Agenda Explanation
North Bay Water Reuse Authority
Board of Directors
September 27, 2021

ITEM NO. 8 CONSULTANT PROGRESS REPORTS

Action Requested

None at this time.

Summary

The consultant progress reports for the periods July and August 2021 are attached for the Board's review. The B&C report for August was still being prepared as the agenda was completed. The consultants will be available to answer any questions from the Board.

Recommendation

None at this time. This is an information item only.

Attachment

Consultant Progress Reports for July and August 2021.



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

ACTIVITIES JULY 1, 2021 THROUGH JULY 22, 2021

TASK 1 WORKSHOPS/PUBLIC OUTREACH/MGT

1.1 Workshops

- No Activity.

1.3 Public Involvement

- Web updates and distribute timely communications to NBWRA members.

1.4 Administration

- Performed project invoicing and developed activities report.
- Distributed timely communications to NBWRA members.
- Held discussions with Sonoma Water on new amendment.

1.5 NBWRA Future Direction & Additional Services

- Helped coordinate meetings with technical team to discuss approach to be used in upcoming July NBWRA Board meeting to help determine the direction of NBWRA.
- Reviewed survey results obtained from NBWRA agencies.
- Prepared materials and presentation to be used at the July NBWRA Board Meeting.
- Attended and participated in July NBWRA Board meeting.

TASK 2 TITLE XVI FEASIBILITY STUDY/REPORT

- Reviewed proposed projects for grant applications.
- Attended conference calls addressing potential projects for discussion with NBWRA Agencies.

TASK 3 ENVIRONMENTAL EVALUATION

- No Activity.

TASK 4 FINANCIAL CAPABILITIES DETERMINATION

- No Activity.

TASK 5 PHASE 2 GRANT APPLICATION AND MANAGEMENT

- No Activity.

TASK 6 PHASE 1 SERVICES

- No Activity.

Weir Technical Services
Program Management Services for North Bay Water Reuse Authority (FY2019/20)
Sonoma County Water Agency Project-Activity Code N0001D034

July 2021
Progress Report

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

- Prepped for and hosted Zoom subgroup meeting to plan for July 26, 2021 Board meeting
- Updated survey results for Board meeting.
- Drafted July 26, 2021 Agenda and sent to subgroup for review. Modified based on comments received. Sent Agenda to Chair and Vice Chair for review.
- Reviewed and commented on PowerPoint for Board meeting. Revised agenda to match item numbers and descriptions. Sent to member agencies for Brown Act posting.
- Drafted staff reports for Board meeting and sent to subgroup for review. Revised staff reports based on comments received. Email communication with subgroup regarding staff reports. Finalized staff reports based on comments received. Finalized all documents and created agenda packet; sent to distribution list. Reached out to Vice Chair regarding Board meeting.
- Revised agenda packet to include financial reports and sent to distribution list.
- Participated in MS Teams subgroup meeting to discuss plans for Board meeting.
- Prepped for and hosted Zoom Board meeting on July 26, 2021. Met with subgroup after meeting to discuss next steps.
- Finalized April 19, 2021 minutes and sent to outreach consultant for website posting.
- Drafted July 26, 2021 minutes and sent to subgroup for review. Resided based on comments received.
- Participated in July 30, 2021 Zoom planning meeting with subgroup to discuss September Board meeting.
- Updated distribution lists.

2.2 Task 2: Financial Management

- Updated consultant cost tracking spreadsheet and reconciled with Trust worksheet from Agency.

2.3 Task 3: Project Support and Review

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

2.4 Task 4: Program Planning

- Completed and submitted June 2021 invoice for program management services, and updated accounting files.

2.5 Task 5: Governance Issues

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

Weir Technical Services
Program Management Services for North Bay Water Reuse Authority (FY2019/20)
Sonoma County Water Agency Project-Activity Code N0001D034

August 2021
Progress Report

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

- Reviewed subgroup notes from meeting with Agency staff.
- Reviewed news articles sent by outreach consultant.
- Revised July meeting minutes based on comments received.
- Participated in Zoom meeting with subgroup.
- Drafted email to distribute DWR survey to Board and TAC; revised based on input received; sent email to Board and TAC. Telecon with member agency regarding survey.
- Sent email to wastewater treatment plant groups regarding information on chemical supplies; monitored responses and forwarded to member agency.
- Set up subgroup planning meeting for August 25, 2021. Hosted meeting.
- Drafted email to Chair and Vice Chair requesting holding a TAC meeting to discuss future issues, projects, and costs. Revised based on comments received and sent to Chair and Vice Chair.
- Updated distribution lists.

2.2 Task 2: Financial Management

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

2.3 Task 3: Project Support and Review

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

2.4 Task 4: Program Planning

- Completed and submitted July 2021 invoice for program management services, and updated accounting files. Set up tracking for new fiscal year and budget amendment of \$10,000.

2.5 Task 5: Governance Issues

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

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Agenda Explanation
North Bay Water Reuse Authority
Board of Directors
September 27, 2021

**ITEM NO. 9 FINANCIAL REPORTS FOR FISCAL YEARS ENDING JUNE 30, 2021
AND JUNE 30, 2022**

Action Requested

None at this time.

The following items are attached for the Board's information for Fiscal Year ending June 30, 2021:

- a. Consultant Cost Tracking for FY20/21 through June 30, 2021
- b. FY2020/21 Monthly Project Cost Summary as of June 30, 2021
- c. FY2020/21 Budget Allocations as of June 30, 2021
- d. FY2020/21 Transaction Summaries for Phase 1, Phase 2, Joint Use, and Discretionary as of June 30, 2021
- e. Interest Earned by Fiscal Year

The following items are attached for the Board's information for Fiscal Year ending June 30, 2022:

- f. Consultant Cost Tracking for FY21/22 through August 31, 2022
- g. FY2021/22 Monthly Project Cost Summary as of August 31, 2022
- h. FY2021/22 Budget Allocations as of August 31, 2022
- i. FY2021/22 Transaction Summaries for Phase 1, Phase 2, Joint Use, and Discretionary as of August 31, 2022
- j. Interest Earned by Fiscal Year

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 carryover data is included. Total costs are included. Percent remaining is based on the total budget. The rest of the SCWA items are as described above. Through June 30, 2021 all items are tracking normally. Item d., Transaction Summaries includes a spreadsheet to show discretionary expenses not budgeted. Associate member dues are used for these expenses. Costs for the Fiscal Year ending June 30, 2022 are also tracking normally at this time.

Recommendation

None at this time.

Attachments

Item No. 9.a – 9.j as described above

North Bay Water Reuse Authority

September 21, 2021

Consultant Cost Tracking

Fiscal Year 2020/21

	Apr-21	May-21	Jun-21	FY2019/20 Total	Approved FY2019/20	FY2020/21 YTD	Approved FY2020/21	Prior FY Carryover	Total Available	Amount Remaining
Phase 1 Support										
Grant Applications & Management - B&C		426	2,363	4,342	-	3,534	-	32,716	32,716	24,840
Total Costs for Phase 1 Support	-	426	2,363	4,342	-	3,534	-	32,716	32,716	24,840

Phase 2 Support										
Program Development	-	-	-		-			15,000	15,000	15,000
Federal Advocacy	-	-	-		-			17,500	17,500	17,500
State Advocacy	-	-	-		-			17,500	17,500	17,500
Total Costs for Phase 2 Support	-	-	-		-			50,000		

Phase 2 Feasibility Study										
Engineering Tasks 1 & 5: Mtgs, Admin, Grant Admin, Outreach - B&C	1,121	1,867	8,925	40,908	-	31,193	-	75,697	75,697	3,596
Engineering Task 2 Feasibility Study - B&C	852	-	-	14,880	-	19,366	-	23,532	23,532	(10,713)
Engineering Tasks 3 & 4, Environmental & Financial Capability - B&C	1,704	639	-	9,941	-	19,133	-	43,329	43,329	14,254
SCWA Administration - Grants and EIR/EIS - SCWA	1,507	-	307	21,603	-	7,335	-	28,361	28,361	(577)
Total Costs for Study	5,184	2,506	9,232	87,332	-	77,027	-	170,919	170,919	83,587
Total Costs for Phase 2	5,184	2,506	9,232	87,332	-	77,027	-			83,587

Joint Use										
Program Management - Weir	2,800	1,400	2,720	14,821	-	16,200	-	31,345	31,345	324
SCWA Administration	11,008	3,793	14,238	18,082	-	64,628	-	64,695	64,695	(18,016)
Total Costs for Joint Use	13,808	5,193	16,958	32,903	-	80,828	-	96,039	96,039	(17,692)

Total Costs										
Planning, Engineering, and Funding Management - B&C	3,677	2,932	11,288	70,071	-	73,226	-	175,274	175,274	31,978
Program Management - Weir	2,800	1,400	2,720	14,821	-	16,200	-	31,345	31,345	324
SCWA Administration	12,515	3,793	14,545	39,685	-	71,963	-	143,055	143,055	31,407
Total Costs for NBWRA	18,993	8,125	28,553	124,577	-	161,389	-	349,674	349,674	63,708

**North Bay Water Reuse Authority
Project Cost Summary
as of June 30, 2021**

TOTAL FY 20/21 PROJECT COSTS							
Project	Consultant	FY 20/21 Budget	FY 19/20 Budget Carryover	Total	Total Expenses in FY 20/21	Remaining Funds	Percent Remaining
Planning, Engineering and Funding Management	Brown & Caldwell	-	155,987.54	155,987.54	73,226.07	82,761.47	53.06%
Program Development and Federal/State Advocacy	B&A/TBD	-	54,238.10	54,238.10	-	54,238.10	100.00%
Program Management	Weir Technical Services	-	24,922.45	24,922.45	16,200.00	8,722.45	35.00%
SCWA Administration	SCWA	-	63,258.47	63,258.47	71,963.24	(8,704.77)	-13.76%
TOTAL BUDGET		\$ -	\$ 298,406.56	\$ 298,406.56	161,389.31	\$ 137,017.25	45.92%
Phase 1							
Project	Consultant	FY 20/21 Budget	FY 19/20 Budget Carryover	Total	Total Expenses in FY 20/21	Remaining Funds	Percent Remaining
Grant Applications and Management	Brown & Caldwell	-	30,442.26	30,442.26	3,534.00	26,908.26	88.39%
TOTAL BUDGET		\$ -	\$ 30,442.26	\$ 30,442.26	\$ 3,534.00	\$ 26,908.26	0.00%
Phase 2 - Support							
Project	Consultant	FY 20/21 Budget	FY 19/20 Budget Carryover	Total	Total Expenses in FY 20/21	Remaining Funds	Percent Remaining
Program Development	TBD	-	18,920.55	18,920.55	-	18,920.55	100.00%
Federal Advocacy	TBD	-	17,817.55	17,817.55	-	17,817.55	100.00%
State Advocacy	TBD	-	17,500.00	17,500.00	-	17,500.00	100.00%
TOTAL BUDGET		\$ -	\$ 54,238.10	\$ 54,238.10	-	\$ 54,238.10	100.00%
Phase 2 - Feasibility Study							
Project	Consultant	FY 20/21 Budget	FY 19/20 Budget Carryover	Total	Total Expenses in FY 20/21	Remaining Funds	Percent Remaining
Engineering Tasks 1 & 5: Mtgs, Admin, Grant Admin and Outreach	Brown & Caldwell	-	62,506.92	62,506.92	31,193.12	31,313.80	50.10%
Engineering: Task 2 Feasibility Study	Brown & Caldwell	-	22,025.65	22,025.65	19,365.69	2,659.96	12.08%
Engineering Tasks 3 & 4 : Environmental and Financial Capability	Brown & Caldwell	-	41,012.71	41,012.71	19,133.26	21,879.45	53.35%
SCWA Administration - Grants and EIR/EIS	SCWA	-	26,518.55	26,518.55	7,334.79	19,183.76	72.34%
TOTAL BUDGET		\$ -	\$ 152,063.83	\$ 152,063.83	\$ 77,026.86	\$ 75,036.97	49.35%
Joint Use							
Project	Consultant	FY 20/21 Budget	FY 19/20 Budget Carryover	Total	Total Expenses in FY 19/20	Remaining Funds	Percent Remaining
Program Management	Weir Technical Services	-	24,922.45	24,922.45	16,200.00	8,722.45	35.00%
SCWA Administration	SCWA	-	36,739.92	36,739.92	64,628.45	(27,888.53)	-75.91%
TOTAL BUDGET		\$ -	\$ 61,662.37	\$ 61,662.37	80,828.45	\$ (19,166.08)	-31.08%

**North Bay Water Reuse Authority
Project Cost Summary
as of June 30, 2021**

TOTAL FY 20/21 PROJECT COSTS											
Project	Consultant	Original Budget	Carryover	Total Budget	Original Contract	Amend	Total Contract	Uncommitted	Total Expenses in FY 20/21	Remaining	% Avail.
Planning, Engineering and Funding Management	Brown & Caldwell	-	155,987.54	155,987.54					73,226.07	82,761.47	53.06%
Program Development and Federal/State Advocacy	TBD	-	54,238.10	54,238.10					-	54,238.10	100.00%
Program Management	Weir Technical Services	-	24,922.45	24,922.45					16,200.00	8,722.45	35.00%
SCWA Administration	SCWA	-	63,258.47	63,258.47					71,963.24	(8,704.77)	-13.76%
TOTAL BUDGET		\$ -	\$ 298,406.56	\$ 298,406.56	\$ -	\$ -	\$ -	\$ -	161,389.31	\$ 137,017.25	45.92%
Phase 1											
Project	Consultant	Original Budget	Carryover	Total Budget	Original Contract	Amend	Total Contract	Uncommitted	Total Expenses in FY 20/21	Remaining	% Avail.
Grant Applications and Management	Brown & Caldwell	-	30,442.26	30,442.26					3,534.00	26,908.26	88.39%
TOTAL BUDGET		\$ -	\$ 30,442.26	\$ 30,442.26	\$ -	\$ -	\$ -	\$ -	\$ 3,534.00	\$ 26,908.26	0.00%
Phase 2 - Support											
Project	Consultant	Original Budget	Carryover	Total Budget	Original Contract	Amend	Total Contract	Uncommitted	Total Expenses in FY 20/21	Remaining	% Avail.
Program Development	TBD	-	18,920.55	18,920.55					-	18,920.55	100.00%
Federal Advocacy	TBD	-	17,817.55	17,817.55					-	17,817.55	100.00%
State Advocacy	TBD	-	17,500.00	17,500.00					-	17,500.00	100.00%
TOTAL BUDGET		\$ -	\$ 54,238.10	\$ 54,238.10	\$ -	\$ -	\$ -	\$ -	-	\$ 54,238.10	100.00%
¹ Contract amendment for extension through end of FY 18/19											
Phase 2 - Feasibility Study											
Project	Consultant	Original Budget	Carryover	Total Budget	Original Contract	Amend	Total Contract	Uncommitted	Total Expenses in FY 20/21	Remaining	% Avail.
Engineering Tasks 1 & 5: Mtgs, Admin, Grant Admin and Outreach	Brown & Caldwell	-	62,506.92	62,506.92					31,193.12	31,313.80	50.10%
Engineering: Task 2 Feasibility Study	Brown & Caldwell	-	22,025.65	22,025.65					19,365.69	2,659.96	12.08%
Engineering Tasks 3 & 4 : Environmental and Financial Capability	Brown & Caldwell	-	41,012.71	41,012.71					19,133.26	21,879.45	53.35%
Administration - Grants and EIR/EIS	SCWA	-	26,518.55	26,518.55					7,334.79	19,183.76	72.34%
TOTAL BUDGET		\$ -	\$ 152,063.83	\$ 152,063.83	\$ -	\$ -	\$ -	\$ -	\$ 77,026.86	\$ 75,036.97	49.35%
Joint Use											
Project	Consultant	Original Budget	Carryover	Total Budget	Original Contract	Amend	Total Contract	Uncommitted	Total Expenses in FY 20/21	Remaining	% Avail.
Program Management	Weir Technical Services	-	24,922.45	24,922.45					16,200.00	8,722.45	35.00%
Administration	SCWA	-	36,739.92	36,739.92					64,628.45	(27,888.53)	-75.91%
TOTAL BUDGET		\$ -	\$ 61,662.37	\$ 61,662.37	\$ -	\$ -	\$ -	\$ -	80,828.45	\$ (19,166.08)	-31.08%

**North Bay Water Reuse Authority
Project Cost Summary
as of June 30, 2021**

Agreement Rollovers From 19/20 Budget											
Project	Consultant	FY 19/20 Budget	Carryover For FY 19/20	Total Budget	Total Expenses (In Prior Years)	Amend	Remaining Amount	Uncommitted (expired) Amount	Total Expenses in FY 19/20	Remaining	% Avail.
Phase 1:											
Grant Applications and Management - B&C	Brown & Caldwell	-	34,784.26	34,784.26	-	-	-	-	4,342.00	30,442.26	87.52%
Program Development	TBD	-	-	-	-	-	-	-	-	-	0.00%
Federal Advocacy	TBD	-	-	-	-	-	-	-	-	-	0.00%
Phase 2 - Support											
Program Development	TBD	15,000.00	3,920.55	18,920.55	-	-	-	-	-	18,920.55	100.00%
State Advocacy	TBD	17,500.00	317.55	17,817.55	-	-	-	-	-	17,817.55	100.00%
Federal Advocacy	TBD	17,500.00	-	17,500.00	-	-	-	-	-	17,500.00	100.00%
Phase 2 - Feasibility Study											
Engineering Tasks 1 & 5: Mtgs, Admin, Grant Admin and Outreach	Brown & Caldwell	-	104,438.43	104,438.43	-	-	-	-	41,931.51	62,506.92	59.85%
Engineering: Task 2 Feasibility Study	Brown & Caldwell	-	36,905.40	36,905.40	-	-	-	-	14,879.75	22,025.65	59.68%
Engineering Tasks 3 & 4 : Environmental and Financial Capability	Brown & Caldwell	-	50,954.21	50,954.21	-	-	-	-	9,941.50	41,012.71	80.49%
SCWA Administration - Grants and EIR/EIS	SCWA	45,000.00	4,963.62	49,963.62	-	-	-	-	23,446.07	26,517.55	53.07%
Joint Use											
Program Management	Weir Technical Services	-	39,742.96	39,742.96	-	-	-	-	14,820.51	24,922.45	62.71%
SCWA Administration	SCWA	32,500.00	51,544.96	84,044.96	-	-	-	-	47,305.04	36,739.92	113.05%
TOTAL BUDGET		\$ 127,500.00	\$ 327,571.94	\$ 455,071.94	\$ -	\$ -	\$ -	\$ -	\$ 156,666.38	\$ 298,405.56	65.57%

Total FY20/21 Budget for all Phases	-
Rollover From Prior Years	298,406.56
Total	298,406.56

Expenses Incurred in FY 20/21 (Including budget for rollover amounts)	161,389.31
Amount Remaining	137,017.25
Unbudgeted Expenses (Discretionary)	-

Total Charges to NBWR FY 20/21 **\$161,389.31**

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.

2020/21 Budget Allocations + Amendments

Phase 1 Support											
	Total Budget	LGVSD	Napa SD	Novato SD	SVCSD	SCWA	NMWD	Napa County	Petaluma	MMWD	American Canyon
<i>MOU Percent for Phase 1</i>		7.239%	31.894%	8.611%	27.473%	3.572%	17.640%	3.571%	0.000%	0.000%	0.000%
Grant Applications and Management	\$ -	-	-	-	-	-	-	-	-	-	-
Program Development	\$ -	-	-	-	-	-	-	-	-	-	-
Federal Advocacy	\$ -	-	-	-	-	-	-	-	-	-	-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Phase 2 Support											
Shared on the Basis of Phase 2 Project Cost in Feasibility Study	Total Budget	LGVSD	Napa SD	Novato SD	SVCSD	SCWA	NMWD	Napa County	Petaluma	MMWD	American Canyon
<i>Percent for Phase 2 Support</i>		0.000%	14.286%	14.286%	14.286%	14.286%	0.000%	0.000%	14.286%	14.286%	14.286%
Program Development	\$ -	-	-	-	-	-	-	-	-	-	-
Federal Advocacy	\$ -	-	-	-	-	-	-	-	-	-	-
State Advocacy	\$ -	-	-	-	-	-	-	-	-	-	-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Phase 2 Feasibility Study - Two Years											
Shared on the Basis of Phase 2 Project Cost in Feasibility Study	Total Budget	LGVSD	Napa SD	Novato SD	SVCSD	SCWA	NMWD	Napa County	Petaluma	MMWD	American Canyon
<i>Percent for Phase Engineering mtgs, etc.</i>		0.000%	14.286%	14.286%	14.286%	14.286%	0.000%	0.000%	14.286%	14.286%	14.286%
Engineering Tasks 1 & 5: Mtgs, Admin, Grant Admin and Outreach	\$ -	-	-	-	-	-	-	-	-	-	-
<i>Percent for Phase 2 Feasibility Study</i>		0.000%	30.303%	21.212%	9.091%	6.061%	0.000%	0.000%	21.212%	3.030%	9.091%
Engineering: Task 2 Feasibility Study	\$ -	-	-	-	-	-	-	-	-	-	-
<i>Percent for Phase 2 EIR/EIS & Financial Cap</i>		0.000%	4.225%	8.198%	4.784%	9.962%	0.000%	0.000%	44.009%	10.355%	15.936%
Engineering Tasks 3 & 4 : Environmental and Financial Capability	\$ -	-	-	-	-	-	-	-	-	-	-
<i>Percent for Phase 2 SCWA</i>		0.000%	6.059%	14.286%	14.286%	14.286%	0.000%	0.000%	14.286%	14.286%	14.286%
SCWA Administration - Grants and EIR/EIS	\$ -	-	-	-	-	-	-	-	-	-	-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Joint Use											
Shared on the Basis of Phase 2 Project Cost in Feasibility Study	Total Budget	LGVSD	Napa SD	Novato SD	SVCSD	SCWA	NMWD	Napa County	Petaluma	MMWD	American Canyon
<i>Percent for Joint Use</i>		10.000%	10.000%	10.000%	10.000%	10.000%	10.000%	10.000%	10.000%	10.000%	10.000%
Program Management	\$ -	-	-	-	-	-	-	-	-	-	-
SCWA Administration	\$ -	-	-	-	-	-	-	-	-	-	-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Summary per Agency											
Agency	Total Budget	LGVSD	Napa SD	Novato SD	SVCSD	SCWA	NMWD	Napa County	Petaluma	MMWD	American Canyon
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Associate Member Contributions	\$ 5,000
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Total Billable	\$ 5,000
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North Bay Water Reuse Authority
July 1, 2020 to Date Transaction Summary
as of June 30, 2021
PHASE 1

Item No. 9.d

Date	Description	Amount			Las Gallinas	Napa	Novato	SVCSD	SCWA	North Marin Water Dist.	Napa County
7/1/2020	Beginning Balance	139,046.47	b		15,129.39	50,079.58	13,386.66	23,377.96	5,118.71	31,177.35	5,118.82
10/20/2020	Brown and Caldwell -11381004	(532.50)	p	bc3	(38.55)	(169.84)	(45.85)	(146.29)	(19.02)	(93.93)	(19.02)
2/3/2021	Brown and Caldwell -11394884	(213.00)	p	bc3	(15.42)	(67.93)	(18.34)	(58.52)	(7.61)	(37.57)	(7.61)
6/30/2021	Brown and Caldwell -11412156	(426.00)	p	bc3	(30.84)	(135.87)	(36.68)	(117.03)	(15.22)	(75.15)	(15.21)
6/30/2021	Brown and Caldwell -11413141	(2,362.50)	p	bc3	(171.02)	(753.50)	(203.43)	(649.05)	(84.39)	(416.75)	(84.36)
Current NBWRA Balance		\$ 135,512.47			\$ 14,873.56	\$ 48,952.44	\$ 13,082.36	\$ 22,407.07	\$ 4,992.47	\$ 30,553.95	\$ 4,992.62
PENDING				bc3	-	-	-	-	-	-	-
Projected Balance		\$ 135,512.47			\$ 14,873.56	\$ 48,952.44	\$ 13,082.36	\$ 22,407.07	\$ 4,992.47	\$ 30,553.95	\$ 4,992.62
					10.98%	36.12%	9.65%	16.54%	3.68%	22.55%	3.68%

Current NBWRA Reconciliation				Current NBWRA Phase 1 Support Reconciliation by Entity						
Beginning Balance	139,046.47	b		15,129.39	50,079.58	13,386.66	23,377.96	5,118.71	31,177.35	5,118.82
Deposits	-	d		-	-	-	-	-	-	-
Interest Earnings	-	i		-	-	-	-	-	-	-
Payments	(3,534.00)	p		(255.83)	(1,127.14)	(304.30)	(970.89)	(126.24)	(623.40)	(126.20)
Total:	135,512.47			14,873.56	48,952.44	13,082.36	22,407.07	4,992.47	30,553.95	4,992.62

Current NBWRA Obligations							% Spent
Vendor	Encumbrances		Paid to date	Adjustments	Balance	Expires	
Grant Applications and Management - (B&C: FY 14/15 - 16/17)	30,442.26	bc3	3,534.00		26,908.26		11.61%
Grant Applications and Management - (B&C: FY 17/18)	-						
Program Development - (B&A: FY 17/18)	-						
Federal Advocacy (TFG sub) - (B&A: FY 17/18)	-						
Total	30,442.26		3,534.00	-	26,908.26		11.61%

Carryover from Last FY

North Bay Water Reuse Authority
July 1, 2020 to Date Transaction Summary
as of June 30, 2021
PHASE 2

Item No. 9.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>	<u>American Canyon</u>
Phase 2 - Support										
7/1/2020	Beginning Balance	62,225.21 b	647.63	8,835.96	8,834.96	8,835.96	8,839.85	8,835.96	9,021.26	8,373.63
	Current NBWRA Phase 2 - Support Balance \$	62,225.21	\$ 647.63	\$ 8,835.96	\$ 8,834.96	\$ 8,835.96	\$ 8,839.85	\$ 8,835.96	\$ 9,021.26	\$ 8,373.63
	PENDING									
	Projected NBWRA Phase 2 - Support Balance \$	62,225.21	\$ 647.63	\$ 8,835.96	\$ 8,834.96	\$ 8,835.96	\$ 8,839.85	\$ 8,835.96	\$ 9,021.26	\$ 8,373.63
			1.04%	14.20%	14.20%	14.20%	14.21%	14.20%	14.50%	13.46%
Current NBWRA Phase 2 - Support Reconciliation Totals			Current NBWRA Phase 2 - Support Reconciliation by Entity							
	Beginning Balance	62,225.21 b	647.63	8,835.96	8,834.96	8,835.96	8,839.85	8,835.96	9,021.26	8,373.63
	Deposits	- d	-	-	-	-	-	-	-	-
	Interest Earnings	- i	-	-	-	-	-	-	-	-
	Payments	- p	-	-	-	-	-	-	-	-
	Total \$	62,225.21	\$ 647.63	\$ 8,835.96	\$ 8,834.96	\$ 8,835.96	\$ 8,839.85	\$ 8,835.96	\$ 9,021.26	\$ 8,373.63
Current NBWRA Phase 2 - Support Obligations										
	<u>Vendor</u>	<u>Encumbrances</u>	<u>Paid to date</u>	<u>Adjustments</u>	<u>Balance</u>	<u>Expires</u>	<u>% Spent</u>			
	Phase 2 - Support									
	Program Development - (B&A: FY 18/19)	18,920.55	ba1-pd	-	18,920.55		0.00%	Carryover from Last FY		
	Federal Advocacy (TFG sub) - (B&A: FY 18/19)	17,817.55	ba1-fa	-	17,817.55		0.00%	Carryover from Last FY		
	State Advocacy (TFG sub) - (B&A: FY 18/19)	17,500.00	ba1-sa	-	17,500.00		0.00%			
	Program Development - (TBD FY 19/20 - 20/21)	-	ba2-pd	-	-		#DIV/0!			
	Federal Advocacy (TFG sub) - (TBD FY 19/20 - 20/21)	-	ba2-fa	-	-		#DIV/0!			
	State Advocacy (TFG sub) - (TBD FY 19/20 - 20/21)	-	ba2-sa	-	7,987.11		#DIV/0!			
	Subtotal \$	54,238.10		-	7,987.11	\$ 54,238.10	0.00%			

Item No. 9.d

9/21/2021

North Bay Water Reuse Authority
July 1, 2020 to Date Transaction Summary
as of June 30, 2021
PHASE 2

Item No. 9.d

Date	Description	Amount		Las Galinas	Napa	Novato	SVCSD	SCWA	City of Petaluma	Marin Muni Water Dist.	American Canyon			
Phase 2 - Feasibility Study														
Engineering: Task 2 Feasibility Study														
7/1/2020	Beginning Balance	22,025.65	b	-	6,674.44	4,672.30	2,002.17	1,334.44	4,672.30	667.83	2,002.17			
10/20/2020	Brown and Caldwell -11385747	(2,556.00)	p	bc4	-	(774.54)	(542.18)	(232.37)	(154.91)	(77.45)	(232.37)			
10/22/2020	Brown and Caldwell -11382713	(1,537.50)	p	bc4	-	(465.91)	(326.13)	(139.77)	(93.20)	(46.59)	(139.77)			
12/1/2020	Brown and Caldwell -11388160	(3,359.63)	p	bc4	-	(1,018.07)	(712.64)	(305.42)	(203.64)	(101.80)	(305.42)			
1/5/2021	Brown and Caldwell -11390745	(236.25)	p	bc4	-	(71.59)	(50.11)	(21.48)	(14.32)	(50.11)	(7.16)			
3/8/2021	Brown and Caldwell -11398397	(2,300.81)	p	bc4	-	(697.21)	(488.05)	(209.17)	(139.45)	(69.71)	(209.17)			
5/13/2021	Brown and Caldwell -11399733	(1,371.00)	p	bc4	-	(415.45)	(290.82)	(124.64)	(83.10)	(290.82)	(41.54)			
5/25/2021	Brown and Caldwell -11405467	(7,152.50)	p	bc4	-	(2,167.42)	(1,517.19)	(650.23)	(433.51)	(1,517.19)	(216.72)			
5/25/2021	Brown and Caldwell -11408519	(852.00)	p	bc4	-	(258.18)	(180.73)	(77.46)	(51.64)	(180.73)	(25.82)			
Current NBWRA Phase 2 - Engineering Task 2 Feasibility Study Balance				\$	2,659.96	\$	-	\$ 806.07	\$ 564.45	\$ 241.63	\$ 160.67	\$ 564.45	\$ 81.04	\$ 241.63
PENDING					-		-		-		-		-	
Projected NBWRA Phase 2 - Engineering Task 2 Feasibility Study Balance				\$	2,659.96	\$	-	\$ 806.07	\$ 564.45	\$ 241.63	\$ 160.67	\$ 564.45	\$ 81.04	\$ 241.63
							0.00%	30.30%	21.22%	9.08%	6.04%	21.22%	3.05%	9.08%
Current NBWRA Phase 2 Feasibility Study Eng Task 2 Reconciliation Totals														
Beginning Balance	22,025.65	b	-	6,674.44	4,672.30	2,002.17	1,334.44	4,672.30	667.83	2,002.17				
Deposits	-	d	-	-	-	-	-	-	-	-				
Interest Earnings	-	i	-	-	-	-	-	-	-	-				
Payments	(19,365.69)	p	-	(5,868.37)	(4,107.85)	(1,760.54)	(1,173.77)	(4,107.85)	(586.79)	(1,760.54)				
Total				\$	2,659.96	\$	-	\$ 806.07	\$ 564.45	\$ 241.63	\$ 160.67	\$ 564.45	\$ 81.04	\$ 241.63
Current NBWRA Phase 2 - Feasibility Study: Engineering Task 2 Obligations														
Vendor		Encumbrances		Paid to date		Adjustments		Balance		Expires		% Spent		
Phase 2 - Feasibility Study														
Engineering: Task 2 Feasibility Study:														
Brown & Caldwell: (FY 14/15 - 16/17)										#DIV/0!		Carryover from Last FY		
Brown & Caldwell: (FY 18/19)				22,025.65		bc3				0.00%		Carryover from Last FY		
Brown & Caldwell: (FY 19/20 - 20/21)				22,025.65		bc4		19,365.69		2,659.96		87.92%		
Subtotal				\$ 22,025.65		\$ 19,365.69		\$ -		\$ 2,659.96		87.92%		

Item No. 9.d

9/21/2021

North Bay Water Reuse Authority
July 1, 2020 to Date Transaction Summary
as of June 30, 2021
PHASE 2

Item No. 9.d

Date	Description	Amount		Las Galinas	Napa	Novato	SVCSD	SCWA	City of Petaluma	Marin Muni Water Dist.	American Canyon
Phase 2 - Feasibility Study											
SCWA Administration - Grants and EIR/EIS:											
7/1/2020	Beginning Balance	26,518.55	b	-	400.07	1,049.07	(486.93)	1,843.85	17,164.07	2,018.21	4,530.21
8/4/2020	Salary/Assn Chgs Applied - N2	(1,060.42)	p a7	-	(151.49)	(151.49)	(151.49)	(151.49)	(151.49)	(151.49)	(151.49)
9/3/2020	Salary/Assn Chgs Applied - N2	(384.64)	p a7	-	(54.95)	(54.95)	(54.95)	(54.95)	(54.95)	(54.95)	(54.95)
10/30/2020	Salary/Assn Chgs Applied - N2	(1,153.47)	p a7	-	(164.78)	(164.78)	(164.78)	(164.79)	(164.78)	(164.78)	(164.78)
11/17/2020	Salary/Assn Chgs Applied - N2	(431.48)	p a7	-	(61.64)	(61.64)	(61.64)	(61.64)	(61.64)	(61.64)	(61.64)
11/17/2020	Salary/Assn Chgs Applied - N5	(578.95)	p a7	-	(82.71)	(82.71)	(82.69)	(82.71)	(82.71)	(82.71)	(82.71)
12/1/2020	Salary/Assn Chgs Applied - N2	(384.84)	p a7	-	(54.98)	(54.98)	(54.98)	(54.96)	(54.98)	(54.98)	(54.98)
12/10/2020	Salary/Assn Chgs Applied - N2	(460.79)	p a7	-	(65.83)	(65.83)	(65.83)	(65.81)	(65.83)	(65.83)	(65.83)
12/23/2020	Salary/Assn Chgs Applied - N2	(486.90)	p a7	-	(69.56)	(69.56)	(69.56)	(69.54)	(69.56)	(69.56)	(69.56)
2/18/2021	Salary/Assn Chgs Applied - N5	(96.55)	p a7	-	(13.79)	(13.79)	(13.79)	(13.81)	(13.79)	(13.79)	(13.79)
3/18/2021	Salary/Assn Chgs Applied - N5	(482.70)	p a7	-	(68.96)	(68.96)	(68.96)	(68.94)	(68.96)	(68.96)	(68.96)
4/16/2021	Salary/Assn Chgs Applied - N2	(304.94)	p a7	-	(43.56)	(43.56)	(43.56)	(43.54)	(43.56)	(43.56)	(43.56)
4/29/2021	Salary/Assn Chgs Applied - N2	(203.32)	p a7	-	(29.05)	(29.05)	(29.05)	(29.03)	(29.05)	(29.05)	(29.05)
4/29/2021	Salary/Assn Chgs Applied - N5	(592.05)	p a7	-	(84.58)	(84.58)	(84.58)	(84.58)	(84.58)	(84.58)	(84.58)
4/29/2021	Salary/Assn Chgs Applied - N2	(406.66)	p a7	-	(58.10)	(58.10)	(58.08)	(58.08)	(58.10)	(58.10)	(58.10)
6/30/2021	Salary/Assn Chgs Applied - N2	(307.08)	p a7	-	(43.87)	(43.87)	(43.87)	(43.85)	(43.87)	(43.87)	(43.87)
Current NBWRA Phase 2 - SCWA Administration and EIR/EIS \$ 19,183.76				\$ -	\$ (647.78)	\$ 1.22	\$ (1,534.78)	\$ 796.19	\$ 16,116.22	\$ 970.36	\$ 3,482.36
PENDING											
Projected NBWRA Phase 2 - SCWA Administration and EIR/EIS \$ 19,183.76				\$ -	\$ (647.78)	\$ 1.22	\$ (1,534.78)	\$ 796.19	\$ 16,116.22	\$ 970.36	\$ 3,482.36
				0.00%	-3.38%	0.01%	-8.00%	4.15%	84.01%	5.06%	18.15%
Current NBWRA Phase 2 Feasibility Study SCWA Administration - Grants and EIR/EIS Reconciliation Totals											
Beginning Balance		26,518.55	b	-	400.07	1,049.07	(486.93)	1,843.85	17,164.07	2,018.21	4,530.21
Deposits		-	d	-	-	-	-	-	-	-	-
Interest Earnings		-	i	-	-	-	-	-	-	-	-
Payments		(7,334.79)	p	-	(1,047.85)	(1,047.85)	(1,047.85)	(1,047.66)	(1,047.85)	(1,047.85)	(1,047.85)
Total		\$ 19,183.76		\$ -	\$ (647.78)	\$ 1.22	\$ (1,534.78)	\$ 796.19	\$ 16,116.22	\$ 970.36	\$ 3,482.36
Current NBWRA Phase 2 - Feasibility Study: SCWA Administration - Grants and EIR/EIS Obligations											
Phase 2 - Feasibility Study											
SCWA Administration - Grants and EIR/EIS:											
SCWA: (FY 18/19)											
		-	a5	-	-	-	-	0.00%	Carryover from Last FY		
	SCWA: (FY 19/20)	-	a6	-	-	-	-	0.00%	Carryover from Last FY		
	SCWA: (FY 20/21)	26,518.55	a7	7,334.79	19,183.76	-	-	27.66%	Carryover from Last FY		
Subtotal		\$ 26,518.55		\$ 7,334.79	\$ -	\$ 19,183.76	-	27.66%			
Phase 2 Feasibility Study Balance Totals											
Current NBWRA Phase 2 - Feasibility Study Balance		75,036.97		-	6,110.30	6,834.33	4,232.72	7,598.34	30,778.81	7,793.00	11,689.45
Projected NBWRA Phase 2 - Feasibility Study Balance		75,036.97		-	6,110.30	6,834.33	4,232.72	7,598.34	30,778.81	7,793.00	11,689.45
*Projected Balance includes all pending transactions											

North Bay Water Reuse Authority
July 1, 2020 to Date Transaction Summary
as of June 30, 2021
PHASE 2

Item No. 9.d

Date	Description	Amount	Las Galinas	Napa	Novato	SVCSD	SCWA	City of Petaluma	Marin Muni Water Dist.	American Canyon	
Summary											
Phase 2 Support & Feasibility Study Balance Totals											
Current NBWRA Phase 2 Balance			137,262.18	647.63	14,946.26	15,669.29	13,068.68	16,438.19	39,614.77	16,814.26	20,063.08
Projected NBWRA Phase 2 Balance			137,262.18	647.63	14,946.26	15,669.29	13,068.68	16,438.19	39,614.77	16,814.26	20,063.08
Current NBWRA Phase 2 - Support & Feasibility Study Reconciliation Totals											
Beginning Balance		214,289.04	b d i p	647.63	27,611.09	26,849.68	21,248.56	25,022.07	57,646.99	24,886.30	30,376.72
Deposits		-		-	-	-	-	-	-	-	-
Interest Earnings		-		-	-	-	-	-	-	-	-
Payments		(77,026.86)		-	(12,664.83)	(11,180.39)	(8,179.88)	(8,583.88)	(18,032.22)	(8,072.04)	(10,313.64)
Totals		137,262.18		647.63	14,946.26	15,669.29	13,068.68	16,438.19	39,614.77	16,814.26	20,063.08
NBWRA Phase 2 - Support & Feasibility Study Total Obligations											
Vendor			Encumbrances		Paid to date	Adjustments	Balance	Expires	% Spent		
Phase 2 - Support & Feasibility Study Totals											
Program Development - (B&A: FY 18/19)			18,920.55	ba1-pd	-	-	18,920.55		0.00%		
Federal Advocacy (TFG sub) - (B&A: FY 18/19)			17,817.55	ba1-fa	-	-	17,817.55		0.00%		
State Advocacy (TFG sub) - (B&A: FY 18/19)			17,500.00	ba1-sa	-	-	17,500.00		0.00%		
Program Development - (TBD FY 19/20)			-	ba2-pd	-	-	-		0.00%		
Federal Advocacy (TFG sub) - (TBD FY 19/20)			-	ba2-fa	-	-	-		0.00%		
State Advocacy (TFG sub) - (TBD FY 19/20)			-	ba2-sa	-	-	-		0.00%		
Brown & Caldwell: (FY 14/15 - 16/17)			-	bc3	-	-	-		0.00%		
Brown & Caldwell: (FY 17/18)			-	bc4	-	-	-		0.00%		
Brown & Caldwell: (FY 18/19)			125,545.28	bc5	69,692.07	-	31,313.80		55.51%		
SCWA: (FY 18/19)			-	a5	-	-	-		0.00%		
SCWA: (FY 19/20)			-	a6	-	-	-		0.00%		
SCWA: (FY 20/21)			26,518.55	a7	7,334.79	-	19,183.76		27.66%		
Subtotal			\$ 206,301.93		\$ 77,026.86	\$ -	\$ 104,735.66		37.34%		
*Projected Balance includes all pending transactions											

North Bay Water Reuse Authority
July 1, 2020 to Date Transaction Summary
as of June 30, 2021
JOINT USE

Item No. 9.d

Date	Description	Amount	Las Gallinas	Napa	Novato	SVCSD	SCWA	North Marin Water Dist.	Napa County	City of Petaluma	Marin Muni Water Dist.	American Canyon
7/1/2020	Beginning Balance	69,244.66	6,230.62	9,480.62	9,480.62	9,480.62	9,480.49	9,480.62	9,480.62	5,770.75	179.85	179.85
8/4/2020	Salary/Assn Chgs Applied	(1,251.88) p a7	(125.19)	(125.19)	(125.19)	(125.19)	(125.17)	(125.19)	(125.19)	(125.19)	(125.19)	(125.19)
8/7/2020	Salary/Assn Chgs Applied	(2,410.55) p a7	(241.06)	(241.06)	(241.06)	(241.06)	(241.01)	(241.06)	(241.06)	(241.06)	(241.06)	(241.06)
8/17/2020	Weir Technical Services SCWA_07-20	(1,080.00) p w4	(108.00)	(108.00)	(108.00)	(108.00)	(108.00)	(108.00)	(108.00)	(108.00)	(108.00)	(108.00)
8/21/2020	Salary/Assn Chgs Applied	(1,606.34) p a7	(160.63)	(160.63)	(160.63)	(160.63)	(160.63)	(160.63)	(160.63)	(160.63)	(160.63)	(160.63)
9/3/2020	Salary/Assn Chgs Applied	(3,498.77) p a7	(349.88)	(349.88)	(349.88)	(349.88)	(349.85)	(349.88)	(349.88)	(349.88)	(349.88)	(349.88)
9/10/2020	Weir Technical Services SCWA_08-20	(800.00) p w4	(80.00)	(80.00)	(80.00)	(80.00)	(80.00)	(80.00)	(80.00)	(80.00)	(80.00)	(80.00)
9/17/2020	Salary/Assn Chgs Applied	(1,994.85) p a7	(199.49)	(199.49)	(199.49)	(199.49)	(199.44)	(199.49)	(199.49)	(199.49)	(199.49)	(199.49)
10/1/2020	Salary/Assn Chgs Applied	(411.28) p a7	(41.13)	(41.13)	(41.13)	(41.13)	(41.11)	(41.13)	(41.13)	(41.13)	(41.13)	(41.13)
10/15/2020	Salary/Assn Chgs Applied	(911.41) p a7	(91.14)	(91.14)	(91.14)	(91.14)	(91.15)	(91.14)	(91.14)	(91.14)	(91.14)	(91.14)
10/16/2020	Weir Technical Services SCWA_09-20	(520.00) p w4	(52.00)	(52.00)	(52.00)	(52.00)	(52.00)	(52.00)	(52.00)	(52.00)	(52.00)	(52.00)
10/23/2020	County Counsel	(552.00) p a7	(55.20)	(55.20)	(55.20)	(55.20)	(55.20)	(55.20)	(55.20)	(55.20)	(55.20)	(55.20)
10/30/2020	Salary/Assn Chgs Applied	(1,684.73) p a7	(168.47)	(168.47)	(168.47)	(168.47)	(168.50)	(168.47)	(168.47)	(168.47)	(168.47)	(168.47)
11/9/2020	Weir Technical Services SCWA_10-20	(2,760.00) p w4	(276.00)	(276.00)	(276.00)	(276.00)	(276.00)	(276.00)	(276.00)	(276.00)	(276.00)	(276.00)
11/17/2020	Salary/Assn Chgs Applied	(2,783.21) p a7	(278.32)	(278.32)	(278.32)	(278.32)	(278.33)	(278.32)	(278.32)	(278.32)	(278.32)	(278.32)
12/1/2020	Salary/Assn Chgs Applied	(1,991.33) p a7	(199.13)	(199.13)	(199.13)	(199.13)	(199.16)	(199.13)	(199.13)	(199.13)	(199.13)	(199.13)
12/10/2020	Salary/Assn Chgs Applied	(1,148.46) p a7	(114.85)	(114.85)	(114.85)	(114.85)	(114.81)	(114.85)	(114.85)	(114.85)	(114.85)	(114.85)
12/23/2020	Salary/Assn Chgs Applied	(857.54) p a7	(85.75)	(85.75)	(85.75)	(85.75)	(85.75)	(85.75)	(85.75)	(85.75)	(85.75)	(85.75)
1/5/2021	Weir Technical Services SCWA_11-20	(280.00) p w4	(28.00)	(28.00)	(28.00)	(28.00)	(28.00)	(28.00)	(28.00)	(28.00)	(28.00)	(28.00)
1/8/2021	Salary/Assn Chgs Applied	(339.42) p a7	(33.94)	(33.94)	(33.94)	(33.94)	(33.96)	(33.94)	(33.94)	(33.94)	(33.94)	(33.94)
1/22/2021	Salary/Assn Chgs Applied	(482.01) p a7	(48.20)	(48.20)	(48.20)	(48.20)	(48.21)	(48.20)	(48.20)	(48.20)	(48.20)	(48.20)
2/4/2021	Salary/Assn Chgs Applied	(2,074.70) p a7	(207.47)	(207.47)	(207.47)	(207.47)	(207.47)	(207.47)	(207.47)	(207.47)	(207.47)	(207.47)
2/18/2021	Salary/Assn Chgs Applied	(3,276.67) p a7	(327.67)	(327.67)	(327.67)	(327.67)	(327.64)	(327.67)	(327.67)	(327.67)	(327.67)	(327.67)
2/22/2021	Weir Technical Services SCWA_12-20	(80.00) p w4	(8.00)	(8.00)	(8.00)	(8.00)	(8.00)	(8.00)	(8.00)	(8.00)	(8.00)	(8.00)
2/22/2021	Weir Technical Services SCWA_1-21	(600.00) p w4	(60.00)	(60.00)	(60.00)	(60.00)	(60.00)	(60.00)	(60.00)	(60.00)	(60.00)	(60.00)
3/18/2021	Salary/Assn Chgs Applied	(831.35) p a7	(83.136)	(83.136)	(83.136)	(83.136)	(83.135)	(83.136)	(83.136)	(83.136)	(83.136)	(83.136)
3/24/2021	Weir Technical Services SCWA_2-21	(2,040.00) p w4	(204.00)	(204.00)	(204.00)	(204.00)	(204.00)	(204.00)	(204.00)	(204.00)	(204.00)	(204.00)
4/6/2021	Salary/Assn Chgs Applied	(755.22) p a7	(75.52)	(75.52)	(75.52)	(75.52)	(75.52)	(75.52)	(75.52)	(75.52)	(75.52)	(75.52)
4/15/2021	Weir Technical Services SCWA_3-21	(1,120.00) p w4	(112.00)	(112.00)	(112.00)	(112.00)	(112.00)	(112.00)	(112.00)	(112.00)	(112.00)	(112.00)
4/16/2021	Salary/Assn Chgs Applied	(2,281.98) p a7	(228.20)	(228.20)	(228.20)	(228.20)	(228.20)	(228.20)	(228.20)	(228.20)	(228.20)	(228.20)
4/29/2021	Salary/Assn Chgs Applied	(7,971.18) p a7	(797.12)	(797.12)	(797.12)	(797.12)	(797.12)	(797.12)	(797.12)	(797.12)	(797.12)	(797.12)
5/12/2021	Salary/Assn Chgs Applied	(3,793.08) p a7	(379.31)	(379.31)	(379.31)	(379.31)	(379.31)	(379.31)	(379.31)	(379.31)	(379.31)	(379.31)
5/18/2021	Weir Technical Services SCWA_4-21	(2,800.00) p w4	(280.00)	(280.00)	(280.00)	(280.00)	(280.00)	(280.00)	(280.00)	(280.00)	(280.00)	(280.00)
6/1/2021	Salary/Assn Chgs Applied	(5,524.45) p a7	(552.45)	(552.45)	(552.45)	(552.45)	(552.45)	(552.45)	(552.45)	(552.45)	(552.45)	(552.45)
6/10/2021	Salary/Assn Chgs Applied	(3,590.65) p a7	(359.07)	(359.07)	(359.07)	(359.07)	(359.07)	(359.07)	(359.07)	(359.07)	(359.07)	(359.07)
6/10/2021	Weir Technical Services SCWA_5-21	(1,400.00) p w4	(140.00)	(140.00)	(140.00)	(140.00)	(140.00)	(140.00)	(140.00)	(140.00)	(140.00)	(140.00)
6/25/2021	Salary/Assn Chgs Applied	(3,118.41) p a7	(311.84)	(311.84)	(311.84)	(311.84)	(311.84)	(311.84)	(311.84)	(311.84)	(311.84)	(311.84)
6/30/2021	Weir Technical Services SCWA_6-21	(2,720.00) p w4	(272.00)	(272.00)	(272.00)	(272.00)	(272.00)	(272.00)	(272.00)	(272.00)	(272.00)	(272.00)
6/30/2021	Salary/Assn Chgs Applied	(2,004.74) p a7	(200.47)	(200.47)	(200.47)	(200.47)	(200.47)	(200.47)	(200.47)	(200.47)	(200.47)	(200.47)
Current NBWRA Balance \$ (11,583.79)			\$ (1,852.24)	\$ 1,397.76	\$ 1,397.76	\$ 1,397.76	\$ 1,397.69	\$ 1,397.76	\$ 1,397.76	\$ (2,312.11)	\$ (7,903.01)	\$ (7,903.01)
PENDING			-	-	-	-	-	-	-	-	-	-
Projected Balance \$ (11,583.79)			\$ (1,852.24)	\$ 1,397.76	\$ 1,397.76	\$ 1,397.76	\$ 1,397.69	\$ 1,397.76	\$ 1,397.76	\$ (2,312.11)	\$ (7,903.01)	\$ (7,903.01)
			15.99%	-12.07%	-12.07%	-12.07%	-12.07%	-12.07%	-12.07%	19.96%	68.22%	68.22%

Current NBWRA Reconciliation			Current NBWRA Joint Use Reconciliation by Entity									
Beginning Balance	-	b	-	-	-	-	-	-	-	-	-	-
Deposits	-	d	-	-	-	-	-	-	-	-	-	-
Interest Earnings	-	i	-	-	-	-	-	-	-	-	-	-
Payments	(80,828.45)	p	(8,082.86)	(8,082.86)	(8,082.86)	(8,082.86)	(8,082.80)	(8,082.86)	(8,082.86)	(8,082.86)	(8,082.86)	(8,082.86)
Total:	(80,828.45)		(8,082.86)	(8,082.86)	(8,082.86)	(8,082.86)	(8,082.80)	(8,082.86)	(8,082.86)	(8,082.86)	(8,082.86)	(8,082.86)

Current NBWRA Obligations							
Vendor	Encumbrances		Paid to date	Adjustments	Balance	Expires	% Spent
Program Mangement - (Weir : FY 14/15 - 16/17)	-	w3	-	-	-		0.00% Carryover from Last FY
Program Mangement - (Weir : FY 17/18 - 20/21)	24,922.45	w4	16,200.00	-	8,722.45		65.00% Carryover from Last FY
SCWA Administration - (SCWA : FY 17/18)	-	a4	-	-	-		0.00% Carryover from Last FY
SCWA Administration - (SCWA : FY 18/19)	-	a5	-	-	-		0.00%
SCWA Administration - (SCWA : FY 19/20)	-	a6	-	-	-		0.00%
SCWA Administration - (SCWA : FY 20/21)	36,739.92	a7	64,628.45	-	(27,888.53)		175.91% Carryover from Last FY
Total	61,662.37		80,828.45	-	(19,166.08)	-	131.08%

North Bay Water Reuse Authority
July 1, 2020 to Date Transaction Summary
as of June 30, 2021
Discretionary

Item No. 9.d

<u>Date</u>	<u>Description</u>	<u>Amount</u>	
7/1/2020	Beginning Balance	51,639.50	b
6/30/2021	Marin County Associate Member Fee	5,000.00	d
6/30/2021	Marin County Associate Member Fee	10,000.00	d
			p
Current NBWRA Balance		66,639.50	
PENDING			

Projected Balance	66,639.50
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Current NBWRA Reconciliation		
Beginning Balance	51,639.50	b
Deposits	15,000.00	d
Interest Earnings	-	i
Payments	-	p
Balance	66,639.50	

<u>Combined</u>	<u>Marin Muni</u>	<u>City of</u>
	<u>Water Dist.</u>	<u>American Canyon</u>
51,639.50	21,884.62	15,000.00
5,000.00		
10,000.00		
-		
66,639.50	21,884.62	15,000.00
-		
66,639.50	21,884.62	15,000.00
	Marin County	AM

Current NBWRA Joint Use Reconciliation by Entity				
51,639.50	21,884.62	20,000.00		15,000.00
15,000.00	-	-	-	-
-	-	-	-	-
-	-	-	-	-
66,639.50	21,884.62	20,000.00		15,000.00

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

**Interest
North Bay Water Reuse Authority
as of June 30, 2021**

FY2013/2014

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

FY2014/2015

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

FY2015/2016

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

FY2016/2017

Period	Date Posted	Amount
1st Quarter	10/14/2016	\$ 4,111.97
2nd Quarter	1/13/2017	\$ 5,277.04
3rd Quarter	4/14/2017	\$ 5,383.46
4th Quarter	7/14/2017	\$ 5,766.27
Total		\$ 20,538.74

FY2017/2018

Period	Date Posted	Amount
1st Quarter	10/17/2017	\$ 5,909.98
2nd Quarter	1/12/2018	\$ 7,669.67
3rd Quarter	4/13/2018	\$ 6,628.28
4th Quarter	7/13/2018	\$ 6,146.03
Total		\$ 26,353.96

Interest
North Bay Water Reuse Authority
as of June 30, 2021
FY2018/2019

Period	Date Posted	Amount
1st Quarter	10/15/2018	\$ 5,512.88
2nd Quarter	1/15/2019	\$ 6,454.76
3rd Quarter	4/12/2019	\$ 7,728.98
4th Quarter	7/12/2019	\$ 7,205.96
Total		\$ 26,902.58

FY2019/2020

Period	Date Posted	Amount
1st Quarter	10/11/2019	\$ 6,387.63
2nd Quarter	1/10/2020	\$ 5,694.80
3rd Quarter	4/9/2020	\$ 5,477.49
4th Quarter	7/15/2020	\$ 4,828.69
Total		\$ 22,388.61

FY2020/2021

Period	Date Posted	Amount
1st Quarter	10/13/2020	\$ 3,246.60
2nd Quarter	1/15/2021	\$ 2,101.72
3rd Quarter	4/13/2021	\$ 1,746.08
4th Quarter	6/30/2021	\$ 1,335.66
Total		\$ 8,430.06

Balance

	Amount
	\$ 129,158.74
Transfer to JU	\$ (60,000.00)
Total	\$ 69,158.74

North Bay Water Reuse Authority

September 21, 2021

Consultant Cost Tracking

Fiscal Year 2021/22

	Jul-21	8/1/20201	Sep-21	FY2020/21 Total	Approved FY2020/21	FY2021/22 YTD	Approved FY2021/22	Prior FY Carryover	Total Available	Amount Remaining
Phase 1 Support										
Grant Applications & Management - B&C	-	-	-	3,534	-	-	-	26,909	26,909	26,909
Total Costs for Phase 1 Support	-	-	-	3,534	-	-	-	26,909	26,909	26,909

Phase 2 Support										
Program Development				-	-	-	-	18,921	18,921	18,921
Federal Advocacy				-	-	-	-	17,818	17,818	17,818
State Advocacy				-	-	-	-	17,500	17,500	17,500
Total Costs for Phase 2 Support	-	-	-		-	-		54,238	54,238	54,238

Phase 2 Feasibility Study										
Engineering Tasks 1 & 5: Mtgs, Admin, Grant Admin, Outreach - B&C	4,104	-	-	31,193	-	4,104	-	31,314	31,314	27,210
Engineering Task 2 Feasibility Study - B&C	1,181	-	-	19,366	-	1,181	-	2,660	2,660	1,479
Engineering Tasks 3 & 4, Environmental & Financial Capability - B&C	-	-	-	19,133	-	-	-	21,879	21,879	21,879
SCWA Administration - Grants and EIR/EIS - SCWA	-	232	-	7,335	-	232	-	19,184	19,184	18,952
Total Costs for Study	5,285	232	-	77,027	-	5,517	-	75,037	75,037	69,520
Total Costs for Phase 2	5,285	232	-	87,332	-	5,517	-			123,758

Joint Use										
Program Management - Weir	2,680	1,080	-	16,200	-	3,760	10,000	8,972	18,972	15,212
Engineering Task 7, Additional Services	-	-	-	-	-	-	60,000	-	60,000	60,000
SCWA Administration	1,122	7,802	-	64,628	-	8,924	40,000	(27,889)	12,111	3,188
Total Costs for Joint Use	3,802	8,882	-	80,828	-	12,684	110,000	(18,916)	91,084	78,400

Total Costs										
Planning, Engineering, and Funding Management - B&C	5,285	-	-	73,226	-	5,285	60,000	82,762	82,762	77,477
Program Development and Federal/State Advocacy	-	-	-	-	-	-	-	54,238	54,238	54,238
Program Management - Weir	2,680	1,080	-	16,200	-	3,760	10,000	8,972	8,972	5,212
SCWA Administration	1,122	8,034	-	71,963	-	9,155	-	45,533	45,533	36,378
Total Costs for NBWRA	9,087	9,114	-	161,389	-	18,201	70,000	191,506	191,506	173,305

**North Bay Water Reuse Authority
Project Cost Summary
as of August 31, 2021**

TOTAL FY 21/22 PROJECT COSTS							
Project	Consultant	FY 20/21 Budget Carryover	FY 20/21 Additional Budget	Total	Total Expenses in FY 21/22	Remaining Funds	Percent Remaining
Planning, Engineering and Funding Management	Brown & Caldwell	82,761.47	60,000.00	142,761.47	-	142,761.47	100.00%
Program Development and Federal/State Advocacy	B&A/TBD	54,238.10	-	54,238.10	-	54,238.10	100.00%
Program Management	Weir Technical Services	8,722.45	-	8,722.45	2,680.00	6,042.45	69.27%
SCWA Administration	SCWA	(8,704.77)	40,000.00	31,295.23	9,155.47	22,139.76	70.74%
TOTAL BUDGET		\$ 137,017.25	\$ 100,000.00	\$ 237,017.25	11,835.47	\$ 225,181.78	95.01%
Phase 1							
Project	Consultant	FY 20/21 Budget Carryover	FY 20/21 Additional Budget	Total	Total Expenses in FY 21/22	Remaining Funds	Percent Remaining
Grant Applications and Management	Brown & Caldwell	26,908.26	-	26,908.26	-	26,908.26	100.00%
TOTAL BUDGET		\$ 26,908.26	\$ -	\$ 26,908.26	\$ -	\$ 26,908.26	0.00%
Phase 2 - Support							
Project	Consultant	FY 20/21 Budget Carryover	FY 20/21 Additional Budget	Total	Total Expenses in FY 21/22	Remaining Funds	Percent Remaining
Program Development	TBD	18,920.55	-	18,920.55	-	18,920.55	100.00%
Federal Advocacy	TBD	17,817.55	-	17,817.55	-	17,817.55	100.00%
State Advocacy	TBD	17,500.00	-	17,500.00	-	17,500.00	100.00%
TOTAL BUDGET		\$ 54,238.10	\$ -	\$ 54,238.10	-	\$ 54,238.10	100.00%
Phase 2 - Feasibility Study							
Project	Consultant	FY 20/21 Budget Carryover	FY 20/21 Additional Budget	Total	Total Expenses in FY 21/22	Remaining Funds	Percent Remaining
Engineering Tasks 1 & 5: Mtgs, Admin, Grant Admin and Outreach	Brown & Caldwell	31,313.80	-	31,313.80	-	31,313.80	100.00%
Engineering: Task 2 Feasibility Study	Brown & Caldwell	2,659.96	-	2,659.96	-	2,659.96	100.00%
Engineering Tasks 3 & 4 : Environmental and Financial Capability	Brown & Caldwell	21,879.45	-	21,879.45	-	21,879.45	100.00%
SCWA Administration - Grants and EIR/EIS	SCWA	19,183.76	-	19,183.76	231.97	18,951.79	98.79%
TOTAL BUDGET		\$ 43,723.17	\$ -	\$ 43,723.17	\$ 231.97	\$ 74,805.00	171.09%
Joint Use							
Project	Consultant	FY 20/21 Budget Carryover	FY 20/21 Additional Budget	Total	Total Expenses in FY 21/22	Remaining Funds	Percent Remaining
Program Management	Weir Technical Services	8,722.45	-	8,722.45	2,680.00	6,042.45	69.27%
Engineering Task 7: Additional Services - BC	Brown & Caldwell	-	60,000.00	60,000.00	8,923.50	51,076.50	85.13%
SCWA Administration	SCWA	(27,888.53)	40,000.00	12,111.47	8,923.50	3,187.97	26.32%
TOTAL BUDGET		\$ (19,166.08)	\$ 100,000.00	\$ 80,833.92	20,527.00	\$ 60,306.92	74.61%

**North Bay Water Reuse Authority
Project Cost Summary
as of August 31, 2021**

TOTAL FY 21/22 PROJECT COSTS											
Project	Consultant	Carryover Budget	2021/22 Additional Budget	Total Budget	Original Contract	Amend	Total Contract	Uncommitted	Total Expenses in FY 20/21	Remaining	% Avail.
Planning, Engineering and Funding Management	Brown & Caldwell	82,761.47	60,000.00	142,761.47					-	142,761.47	100.00%
Program Development and Federal/State Advocacy	TBD	54,238.10	-	54,238.10					-	54,238.10	100.00%
Program Management	Weir Technical Services	8,722.45	-	8,722.45					2,680.00	6,042.45	69.27%
SCWA Administration	SCWA	(8,704.77)	40,000.00	31,295.23					9,155.47	22,139.76	70.74%
TOTAL BUDGET		\$ 137,017.25	\$ 100,000.00	\$ 237,017.25	\$ -	\$ -	\$ -	\$ -	11,835.47	\$ 225,181.78	95.01%
Phase 1											
Project	Consultant	Carryover Budget	2021/22 Additional Budget	Total Budget	Original Contract	Amend	Total Contract	Uncommitted	Total Expenses in FY 20/21	Remaining	% Avail.
Grant Applications and Management	Brown & Caldwell	26,908.26	-	26,908.26					-	26,908.26	100.00%
TOTAL BUDGET		\$ 26,908.26	\$ -	\$ 26,908.26	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 26,908.26	0.00%
Phase 2 - Support											
Project	Consultant	Carryover Budget	2021/22 Additional Budget	Total Budget	Original Contract	Amend	Total Contract	Uncommitted	Total Expenses in FY 20/21	Remaining	% Avail.
Program Development	TBD	18,920.55	-	18,920.55					-	18,920.55	100.00%
Federal Advocacy	TBD	17,817.55	-	17,817.55					-	17,817.55	100.00%
State Advocacy	TBD	17,500.00	-	17,500.00					-	17,500.00	100.00%
TOTAL BUDGET		\$ 54,238.10	\$ -	\$ 54,238.10	\$ -	\$ -	\$ -	\$ -	-	\$ 54,238.10	100.00%
¹ Contract amendment for extension through end of FY 18/19											
Phase 2 - Feasibility Study											
Project	Consultant	Carryover Budget	2021/22 Additional Budget	Total Budget	Original Contract	Amend	Total Contract	Uncommitted	Total Expenses in FY 21/22	Remaining	% Avail.
Engineering Tasks 1 & 5: Mtgs, Admin, Grant Admin and Outreach	Brown & Caldwell	31,313.80	-	31,313.80					-	-	0.00%
Engineering: Task 2 Feasibility Study	Brown & Caldwell	2,659.96	-	2,659.96					-	-	0.00%
Engineering Tasks 3 & 4 : Environmental and Financial Capability	Brown & Caldwell	21,879.45	-	21,879.45					-	-	0.00%
Administration - Grants and EIR/EIS	SCWA	19,183.76	-	19,183.76					231.97	18,951.79	98.79%
TOTAL BUDGET		\$ 75,036.97	\$ -	\$ 75,036.97	\$ -	\$ -	\$ -	\$ -	\$ 231.97	\$ 18,951.79	25.26%
Joint Use											
Project	Consultant	Carryover Budget	2021/22 Additional Budget	Total Budget	Original Contract	Amend	Total Contract	Uncommitted	Total Expenses in FY 21/22	Remaining	% Avail.
Program Management	Weir Technical Services	8,722.45	-	8,722.45					2,680.00	6,042.45	69.27%
Engineering Task 7: Additional Services	Brown & Caldwell	-	60,000.00	60,000.00					-	60,000.00	100.00%
Administration	SCWA	(27,888.53)	40,000.00	12,111.47					8,923.50	3,187.97	26.32%
TOTAL BUDGET		\$ (19,166.08)	\$ 100,000.00	\$ 80,833.92	\$ -	\$ -	\$ -	\$ -	11,603.50	\$ 69,230.42	85.65%

**North Bay Water Reuse Authority
Project Cost Summary
as of August 31, 2021**

Agreement Rollovers From 20/21 Budget											
Project	Consultant	FY 19/20 Budget	Carryover For FY 19/20	Total Budget	Total Expenses (In Prior Years)	Amend	Remaining Amount	Uncommitted (expired) Amount	Total Expenses in FY 19/20	Remaining	% Avail.
Phase 1:											
Grant Applications and Management - B&C	Brown & Caldwell	-	30,442.26	30,442.26	-	-	-	-	3,534.00	26,908.26	88.39%
Program Development	TBD	-	-	-	-	-	-	-	-	-	0.00%
Federal Advocacy	TBD	-	-	-	-	-	-	-	-	-	0.00%
Phase 2 - Support											
Program Development	TBD	-	18,920.55	18,920.55	-	-	-	-	-	18,920.55	100.00%
State Advocacy	TBD	-	17,817.55	17,817.55	-	-	-	-	-	17,817.55	100.00%
Federal Advocacy	TBD	-	17,500.00	17,500.00	-	-	-	-	-	17,500.00	100.00%
Phase 2 - Feasibility Study											
Engineering Tasks 1 & 5: Mtgs, Admin, Grant Admin and Outreach	Brown & Caldwell	-	62,506.92	62,506.92	-	-	-	-	31,193.12	31,313.80	50.10%
Engineering: Task 2 Feasibility Study	Brown & Caldwell	-	22,025.65	22,025.65	-	-	-	-	19,365.69	2,659.96	12.08%
Engineering Tasks 3 & 4 : Environmental and Financial Capability	Brown & Caldwell	-	41,012.71	41,012.71	-	-	-	-	19,133.26	21,879.45	53.35%
Engineering Task 7: Additional Services	Brown & Caldwell	-	-	-	-	-	-	-	-	-	0.00%
SCWA Administration - Grants and EIR/EIS	SCWA	-	26,518.55	26,518.55	-	-	-	-	7,334.79	19,183.76	72.34%
Joint Use											
Program Management	Weir Technical Services	-	24,922.45	24,922.45	-	-	-	-	16,200.00	8,722.45	35.00%
SCWA Administration	SCWA	-	36,739.92	36,739.92	-	-	-	-	64,628.45	(27,888.53)	-75.91%
TOTAL BUDGET		\$ -	\$ 298,406.56	\$ 298,406.56	\$ -	\$ -	\$ -	\$ -	\$ 161,389.31	\$ 137,017.25	45.92%
Rollover From Prior Years			137,017.25								
Total FY21/22 Budget for all Phases			100,000.00								
Total			237,017.25								
Expenses Incurred in FY 20/21 (Including budget for rollover amounts)			11,835.47								
Amount Remaining			225,181.78								
Unbudgeted Expenses (Discretionary)			-								
Total Charges to NBWR FY 20/21			\$11,835.47								

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.

2021/22 Budget Allocations + Amendments

Phase 1 Support												
	Carry Over Budget	2021/22 Additional Budget	LGVSD	Napa SD	Novato SD	SVCSD	SCWA	NMWD	Napa County	Petaluma	MMWD	American Canyon
MOU Percent for Phase 1			7.239%	31.894%	8.611%	27.473%	3.572%	17.640%	3.571%	0.000%	0.000%	0.000%
Grant Applications and Management	\$ 26,908.26									-	-	-
Program Development	\$ -		-	-	-	-	-	-	-	-	-	-
Federal Advocacy	\$ -		-	-	-	-	-	-	-	-	-	-
Total	\$ 26,908.26	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Phase 2 Support												
Shared on the Basis of Phase 2 Project Cost in Feasibility Study	Carry Over Budget	2021/22 Additional Budget	LGVSD	Napa SD	Novato SD	SVCSD	SCWA	NMWD	Napa County	Petaluma	MMWD	American Canyon
Percent for Phase 2 Support			0.000%	14.286%	14.286%	14.286%	14.286%	0.000%	0.000%	14.286%	14.286%	14.286%
Program Development - TBD	\$ 18,920.55		-	-	-	-	-	-	-	-	-	-
Federal Advocacy - TBD	\$ 17,817.55		-	-	-	-	-	-	-	-	-	-
State Advocacy - TBD	\$ 17,500.00		-	-	-	-	-	-	-	-	-	-
Total	\$ 54,238.10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

\$ -

Phase 2 Feasibility Study - Two Years												
Shared on the Basis of Phase 2 Project Cost in Feasibility Study	Carry Over Budget	2021/22 Additional Budget	LGVSD	Napa SD	Novato SD	SVCSD	SCWA	NMWD	Napa County	Petaluma	MMWD	American Canyon
Percent for Phase Engineering mtgs, etc.			0.000%	14.286%	14.286%	14.286%	14.286%	0.000%	0.000%	14.286%	14.286%	14.286%
Engineering Tasks 1 & 5: Mtgs, Admin, Grant Admin and Outreach	\$ 31,313.80		-	-	-	-	-	-	-	-	-	-
Percent for Phase 2 Feasibility Study			0.000%	30.303%	21.212%	9.091%	6.061%	0.000%	0.000%	21.212%	3.030%	9.091%
Engineering: Task 2 Feasibility Study	\$ 2,659.96		-	-	-	-	-	-	-	-	-	-
Percent for Phase 2 EIR/EIS & Financial Cap			0.000%	4.225%	8.198%	4.784%	9.962%	0.000%	0.000%	44.009%	10.355%	15.936%
Engineering Tasks 3 & 4 : Environmental and Financial Capability	\$ 21,879.45		-	-	-	-	-	-	-	-	-	-
Percent for Phase 2 SCWA			0.000%	6.059%	14.286%	14.286%	14.286%	0.000%	0.000%	14.286%	14.286%	14.286%
SCWA Administration - Grants and EIR/EIS	\$ 19,183.76		-	-	-	-	-	-	-	-	-	-
Total	\$ 75,036.97	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Joint Use												
Shared on the Basis of Phase 2 Project Cost in Feasibility Study	Carry Over Budget	2021/22 Additional Budget	LGVSD	Napa SD	Novato SD	SVCSD	SCWA	NMWD	Napa County	Petaluma	MMWD	American Canyon
Percent for Joint Use			10.000%	10.000%	10.000%	10.000%	10.000%	10.000%	10.000%	10.000%	10.000%	10.000%
Program Management	\$ 8,722.45											
Engineering Task 7: Additional Services - BC	\$ -	\$ 60,000.00	6,000.00	6,000.00	6,000.00	6,000.00	6,000.00	6,000.00	6,000.00	6,000.00	6,000.00	6,000.00
SCWA Administration	\$ (27,888.53)	\$ 40,000.00	4,000.00	4,000.00	4,000.00	4,000.00	4,000.00	4,000.00	4,000.00	4,000.00	4,000.00	4,000.00
Total	\$ (19,166.08)	\$ 100,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00

Summary per Agency												
Agency	Carry Over Budget	Total Budget	LGVSD	Napa SD	Novato SD	SVCSD	SCWA	NMWD	Napa County	Petaluma	MMWD	American Canyon
Total	\$ 137,017	\$ 100,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000

Associate Member Contributions	\$ 5,000
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Total Billable	\$ 105,000
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North Bay Water Reuse Authority
July 1, 2021 to Date Transaction Summary
as of August 31, 2021
PHASE 1

Item No. 9.i

<u>Date</u>	<u>Description</u>	<u>Amount</u>	<u>Las Gallinas</u>	<u>Napa</u>	<u>Novato</u>	<u>SVCSD</u>	<u>SCWA</u>	<u>North Marin Water Dist.</u>	<u>Napa County</u>
7/1/2021	Beginning Balance	135,512.47 b	14,559.24	47,567.60	12,708.46	21,214.19	4,837.38	29,788.03	4,837.57
			-	-	-	-	-	-	-
			-	-	-	-	-	-	-
			-	-	-	-	-	-	-
			-	-	-	-	-	-	-
	Current NBWRA Balance \$	135,512.47	\$ 14,559.24	\$ 47,567.60	\$ 12,708.46	\$ 21,214.19	\$ 4,837.38	\$ 29,788.03	\$ 4,837.57
	PENDING	bc3	-	-	-	-	-	-	-
	Projected Balance \$	135,512.47	\$ 14,559.24	\$ 47,567.60	\$ 12,708.46	\$ 21,214.19	\$ 4,837.38	\$ 29,788.03	\$ 4,837.57
			10.74%	35.10%	9.38%	15.65%	3.57%	21.98%	3.57%

Current NBWRA Reconciliation			Current NBWRA Phase 1 Support Reconciliation by Entity						
Beginning Balance	135,512.47	b	14,559.24	47,567.60	12,708.46	21,214.19	4,837.38	29,788.03	4,837.57
Deposits	-	d	-	-	-	-	-	-	-
Interest Earnings	-	i	-	-	-	-	-	-	-
Payments	-	p	-	-	-	-	-	-	-
Total:	135,512.47		14,559.24	47,567.60	12,708.46	21,214.19	4,837.38	29,788.03	4,837.57

Current 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>
Grant Applications and Management - (B&C: FY 14/15 - 16/17)						
Grant Applications and Management - (B&C: FY 17/18 - 21/22)	26,908.26	bc3	-	26,908.26		0.00%
Program Development - (B&A: FY 17/18)	-					
Federal Advocacy (TFG sub) - (B&A: FY 17/18)	-					
Total	26,908.26		-	53,816.52		0.00%

Carryover from Last FY

North Bay Water Reuse Authority
July 1, 2021 to Date Transaction Summary
as of August 31, 2021
PHASE 2

Item No. 9.i

Date	Description	Amount	Las Galinas	Napa	Novato	SVCSD	SCWA	City of Petaluma	Marin Muni Water Dist.	American Canyon
Phase 2 - Support										
7/1/2021	Beginning Balance	62,225.21 b	647.63	8,835.96	8,834.96	8,835.96	8,839.85	8,835.96	9,021.26	8,373.63
PENDING		Current NBWRA Phase 2 - Support Balance \$ 62,225.21	\$ 647.63	\$ 8,835.96	\$ 8,834.96	\$ 8,835.96	\$ 8,839.85	\$ 8,835.96	\$ 9,021.26	\$ 8,373.63
		Projected NBWRA Phase 2 - Support Balance \$ 62,225.21	\$ 647.63	\$ 8,835.96	\$ 8,834.96	\$ 8,835.96	\$ 8,839.85	\$ 8,835.96	\$ 9,021.26	\$ 8,373.63
			1.04%	14.20%	14.20%	14.20%	14.21%	14.20%	14.50%	13.46%
Current NBWRA Phase 2 - Support Reconciliation Totals			Current NBWRA Phase 2 - Support Reconciliation by Entity							
Beginning Balance	62,225.21 b	647.63	8,835.96	8,834.96	8,835.96	8,839.85	8,835.96	9,021.26	8,373.63	
Deposits	- d	-	-	-	-	-	-	-	-	
Interest Earnings	- i	-	-	-	-	-	-	-	-	
Payments	- p	-	-	-	-	-	-	-	-	
Total		\$ 62,225.21	\$ 647.63	\$ 8,835.96	\$ 8,834.96	\$ 8,835.96	\$ 8,839.85	\$ 8,835.96	\$ 9,021.26	\$ 8,373.63
Current NBWRA Phase 2 - Support Obligations										
Vendor		Encumbrances	Paid to date	Adjustments	Balance	Expires	% Spent			
Phase 2 - Support										
Program Development - (B&A: FY 18/19)		ba1-pd	-	-	-	#DIV/0!	Carryover from Last FY			
Federal Advocacy (TFG sub) - (B&A: FY 18/19)		ba1-fa	-	-	-	#DIV/0!	Carryover from Last FY			
State Advocacy (TFG sub) - (B&A: FY 18/19)		ba1-sa	-	-	-	#DIV/0!				
Program Development - (TBD FY 19/20 - 20/21)		ba2-pd	-	-	18,920.55	0.00%				
Federal Advocacy (TFG sub) - (TBD FY 19/20 - 20/21)		ba2-fa	-	-	17,817.55	0.00%				
State Advocacy (TFG sub) - (TBD FY 19/20 - 20/21)		ba2-sa	-	-	17,500.00	0.00%				
Subtotal		\$ 54,238.10	-	-	\$ 54,238.10	0.00%				

North Bay Water Reuse Authority
July 1, 2021 to Date Transaction Summary
as of August 31, 2021
PHASE 2

Item No. 9.i

Date	Description	Amount	Las Galinas	Napa	Novato	SVCSD	SCWA	City of Petaluma	Marin Muni Water Dist.	American Canyon
Phase 2 - Feasibility Study										
Engineering Tasks 1 & 5: Mtgs, Admin, Grant Admin and Outreach										
7/1/2021	Beginning Balance	31,313.80 b	-	4,475.19	4,474.19	4,474.19	4,468.18	4,473.19	4,474.43	4,474.43
			-	-	-	-	-	-	-	-
	Current NBWRA Phase 2 - Engineering Tasks 1 & 5: Mtgs, Admin, Grant Admin and Outreach Balance	\$ 31,313.80	\$ -	\$ 4,475.19	\$ 4,474.19	\$ 4,474.19	\$ 4,468.18	\$ 4,473.19	\$ 4,474.43	\$ 4,474.43
	PENDING									
		bc5	-	-	-	-	-	-	-	-
		bc5	-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-
	Projected NBWRA Phase 2 - Engineering Tasks 1 & 5: Mtgs, Admin, Grant Admin and Outreach Balance	\$ 31,313.80	\$ -	\$ 4,475.19	\$ 4,474.19	\$ 4,474.19	\$ 4,468.18	\$ 4,473.19	\$ 4,474.43	\$ 4,474.43
			0.00%	14.29%	14.29%	14.29%	14.27%	14.29%	14.29%	14.29%
Current NBWRA Phase 2 Feasibility Study Eng Tasks 1 & 5 Reconciliation Totals										
	Beginning Balance	31,313.80 b	-	4,475.19	4,474.19	4,474.19	4,468.18	4,473.19	4,474.43	4,474.43
	Deposits	- d	-	-	-	-	-	-	-	-
	Interest Earnings	- i	-	-	-	-	-	-	-	-
	Payments	- p	-	-	-	-	-	-	-	-
	Total	\$ 31,313.80	\$ -	\$ 4,475.19	\$ 4,474.19	\$ 4,474.19	\$ 4,468.18	\$ 4,473.19	\$ 4,474.43	\$ 4,474.43
Current NBWRA Phase 2 - Feasibility Study: Engineering Tasks 1 & 5 Obligations										
Vendor										
Encumbrances										
Phase 2 - Feasibility Study										
Engineering Tasks 1 & 5: Mtgs, Admin, Grant Admin and Outreach:										
	Brown & Caldwell: (FY 17/18)	- bc4	-	-	-	-	-	0.00%	Carryover from Last FY	
	Brown & Caldwell: (FY 18/19 - 21/22)	31,313.80 bc5	-	-	-	-	-	0.00%	Carryover from Last FY	
	Subtotal	\$ 31,313.80	\$ -	\$ -	\$ 31,313.80	\$ 31,313.80	\$ 31,313.80	0.00%		

North Bay Water Reuse Authority
July 1, 2021 to Date Transaction Summary
as of August 31, 2021
PHASE 2

Item No. 9.i

Date	Description	Amount	Las Galinas	Napa	Novato	SVCSD	SCWA	City of Petaluma	Marin Muni Water Dist.	American Canyon
Phase 2 - Feasibility Study										
Engineering: Task 2 Feasibility Study										
7/1/2021	Beginning Balance	2,659.96 b	-	806.07	564.45	241.63	160.69	564.45	81.04	241.63
	Current NBWRA Phase 2 - Engineering Task 2 Feasibility Study Balance	\$ 2,659.96	\$ -	\$ 806.07	\$ 564.45	\$ 241.63	\$ 160.69	\$ 564.45	\$ 81.04	\$ 241.63
	PENDING	-	-	-	-	-	-	-	-	-
		bc4	-	-	-	-	-	-	-	-
		bc4	-	-	-	-	-	-	-	-
		bc4	-	-	-	-	-	-	-	-
	Projected NBWRA Phase 2 - Engineering Task 2 Feasibility Study Balance	\$ 2,659.96	\$ -	\$ 806.07	\$ 564.45	\$ 241.63	\$ 160.69	\$ 564.45	\$ 81.04	\$ 241.63
			0.00%	30.30%	21.22%	9.08%	6.04%	21.22%	3.05%	9.08%
Current NBWRA Phase 2 Feasibility Study Eng Task 2 Reconciliation Totals										
	Beginning Balance	2,659.96 b	-	806.07	564.45	241.63	160.69	564.45	81.04	241.63
	Deposits	- d	-	-	-	-	-	-	-	-
	Interest Earnings	- i	-	-	-	-	-	-	-	-
	Payments	- p	-	-	-	-	-	-	-	-
	Total	\$ 2,659.96	\$ -	\$ 806.07	\$ 564.45	\$ 241.63	\$ 160.69	\$ 564.45	\$ 81.04	\$ 241.63
Current NBWRA Phase 2 - Feasibility Study: Engineering Task 2 Obligations										
Vendor										
Encumbrances										
Phase 2 - Feasibility Study										
Engineering: Task 2 Feasibility Study:										
Brown & Caldwell: (FY 14/15 - 16/17)										
Brown & Caldwell: (FY 18/19)										
Brown & Caldwell: (FY 19/20 - 20/21)										
	Subtotal	\$ 2,659.96	\$ -	\$ -	\$ -					

#DIV/0!
Carryover from Last FY
#DIV/0!
Carryover from Last FY
0.00%
Carryover from Last FY

North Bay Water Reuse Authority
July 1, 2021 to Date Transaction Summary
as of August 31, 2021
PHASE 2

Item No. 9.i

Date	Description	Amount	Las Galinas	Napa	Novato	SVCSD	SCWA	City of Petaluma	Marin Muni Water Dist.	American Canyon
Phase 2 - Feasibility Study										
Engineering: Tasks 3 & 4 Environmental and Financial Capability										
7/1/2021	Beginning Balance	21,879.45 b	-	1,476.82	1,794.47	1,051.68	2,173.33	9,624.95	2,267.17	3,491.03
Current NBWRA Phase 2 - Engineering Tasks 3 & 4 Environmental and Financial Capability Balance \$			\$ -	\$ 1,476.82	\$ 1,794.47	\$ 1,051.68	\$ 2,173.33	\$ 9,624.95	\$ 2,267.17	\$ 3,491.03
PENDING										
		bc6	-	-	-	-	-	-	-	-
		bc6	-	-	-	-	-	-	-	-
		bc6	-	-	-	-	-	-	-	-
Projected NBWRA Phase 2 - Engineering Tasks 3 & 4 Environmental and Financial Capability Balance \$			\$ -	\$ 1,476.82	\$ 1,794.47	\$ 1,051.68	\$ 2,173.33	\$ 9,624.95	\$ 2,267.17	\$ 3,491.03
			0.00%	6.75%	8.20%	4.81%	9.93%	43.99%	10.36%	15.96%
Current NBWRA Phase 2 Feasibility Study Eng Tasks 3 & 4 Reconciliation Totals										
Beginning Balance	21,879.45	b	-	1,476.82	1,794.47	1,051.68	2,173.33	9,624.95	2,267.17	3,491.03
Deposits	-	d	-	-	-	-	-	-	-	-
Interest Earnings	-	i	-	-	-	-	-	-	-	-
Payments	-	p	-	-	-	-	-	-	-	-
Total \$			\$ -	\$ 1,476.82	\$ 1,794.47	\$ 1,051.68	\$ 2,173.33	\$ 9,624.95	\$ 2,267.17	\$ 3,491.03
Current NBWRA Phase 2 - Feasibility Study: Engineering Tasks 3 & 4 Obligations										
Phase 2 - Feasibility Study										
Engineering: Tasks 3 & 4: Environmental and Financial Capability:										
Brown & Caldwell: (FY 14/15 - 16/17)										
			-	bc3	-	-	#DIV/0!	Carryover from Last FY		
Brown & Caldwell: (FY 18/19)				bc5	-	-	#DIV/0!	Carryover from Last FY		
Brown & Caldwell: (FY 20/21)			21,879.45	bc6	-	21,879.45	0.00%	Carryover from Last FY		
Subtotal \$			\$ 21,879.45		\$ -	\$ -	\$ 21,879.45	0.00%		

North Bay Water Reuse Authority
July 1, 2021 to Date Transaction Summary
as of August 31, 2021
PHASE 2

Item No. 9.i

Date	Description	Amount	Las Galinas	Napa	Novato	SVCSD	SCWA	City of Petaluma	Marin Muni Water Dist.	American Canyon	
Phase 2 - Feasibility Study											
SCWA Administration - Grants and EIR/EIS:											
7/1/2021	Beginning Balance	19,183.76	b	-	(647.78)	1.22	(1,534.78)	796.16	16,116.22	970.36	3,482.36
8/4/2021	Salary/Assn Chgs Applied - N5	(231.97)	p a8	-	(33.14)	(33.14)	(33.14)	(33.13)	(33.14)	(33.14)	(33.14)
PENDING				-	(680.92)	(31.92)	(1,567.92)	763.03	16,083.08	937.22	3,449.22
Projected NBWRA Phase 2 - SCWA Administration and EIR/EIS				-	(680.92)	(31.92)	(1,567.92)	763.03	16,083.08	937.22	3,449.22
				0.00%	-3.59%	-0.17%	-8.27%	4.03%	84.86%	4.95%	18.20%
Current NBWRA Phase 2 Feasibility Study SCWA Administration - Grants and EIR/EIS Reconciliation Totals				Current NBWRA Phase 2 Feasibility Study SCWA Administration - Grants and EIR/EIS Reconciliation by Entity							
Beginning Balance		19,183.76	b	-	(647.78)	1.22	(1,534.78)	796.16	16,116.22	970.36	3,482.36
Deposits		-	d	-	-	-	-	-	-	-	-
Interest Earnings		-	i	-	-	-	-	-	-	-	-
Payments		(231.97)	p	-	(33.14)	(33.14)	(33.14)	(33.13)	(33.14)	(33.14)	(33.14)
Total		\$ 18,951.79		\$ -	\$ (680.92)	\$ (31.92)	\$ (1,567.92)	\$ 763.03	\$ 16,083.08	\$ 937.22	\$ 3,449.22
Current NBWRA Phase 2 - Feasibility Study: SCWA Administration - Grants and EIR/EIS Obligations											
Vendor		Encumbrances		Paid to date	Adjustments	Balance	Expires	% Spent			
Phase 2 - Feasibility Study											
SCWA Administration - Grants and EIR/EIS:											
SCWA: (FY 18/19)		-	a5	-	-	-	-	0.00%	Carryover from Last FY		
SCWA: (FY 19/20)		-	a6	-	-	-	-	0.00%	Carryover from Last FY		
SCWA: (FY 20/21)		-	a7	-	-	-	-	0.00%	Carryover from Last FY		
SCWA: (FY 21/22)		19,183.76	a8	231.97	-	18,951.79	-	1.21%			
Subtotal		\$ 19,183.76		\$ 231.97	\$ -	\$ 18,951.79	-	1.21%			
Phase 2 Feasibility Study Balance Totals											
Current NBWRA Phase 2 - Feasibility Study Balance				-	6,077.16	6,801.19	4,199.58	7,565.23	30,745.67	7,759.86	11,656.31
Projected NBWRA Phase 2 - Feasibility Study Balance				-	6,077.16	6,801.19	4,199.58	7,565.23	30,745.67	7,759.86	11,656.31
*Projected Balance includes all pending transactions											

North Bay Water Reuse Authority
July 1, 2021 to Date Transaction Summary
as of August 31, 2021
PHASE 2

Item No. 9.i

Date	Description	Amount	Las Galinas	Napa	Novato	SVCSD	SCWA	City of Petaluma	Marin Muni Water Dist.	American Canyon	
Summary											
Phase 2 Support & Feasibility Study Balance Totals											
Current NBWRA Phase 2 Balance			137,030.21	647.63	14,913.12	15,636.15	13,035.54	16,405.08	39,581.63	16,781.12	20,029.94
Projected NBWRA Phase 2 Balance			137,030.21	647.63	14,913.12	15,636.15	13,035.54	16,405.08	39,581.63	16,781.12	20,029.94
Current NBWRA Phase 2 - Support & Feasibility Study Reconciliation Totals				Current NBWRA Phase 2 - Support & Feasibility Study Reconciliation by Entity							
Beginning Balance		137,262.18	b	647.63	14,946.26	15,669.29	13,068.68	16,438.21	39,614.77	16,814.26	20,063.08
Deposits		-	d	-	-	-	-	-	-	-	-
Interest Earnings		-	i	-	-	-	-	-	-	-	-
Payments		(231.97)	p	-	(33.14)	(33.14)	(33.14)	(33.13)	(33.14)	(33.14)	(33.14)
Totals			137,030.21	647.63	14,913.12	15,636.15	13,035.54	16,405.08	39,581.63	16,781.12	20,029.94
NBWRA Phase 2 - Support & Feasibility Study Total Obligations											
Vendor		Encumbrances		Paid to date	Adjustments	Balance	Expires	% Spent			
Phase 2 - Support & Feasibility Study Totals											
Program Development - (B&A: FY 18/19)		-	ba1-pd	-	-	-		#DIV/0!			
Federal Advocacy (TFG sub) - (B&A: FY 18/19)		-	ba1-fa	-	-	-		#DIV/0!			
State Advocacy (TFG sub) - (B&A: FY 18/19)		-	ba1-sa	-	-	-		0.00%			
Program Development - (TBD FY 19/20)		18,920.55	ba2-pd	-	-	18,920.55		0.00%			
Federal Advocacy (TFG sub) - (TBD FY 19/20)		17,817.55	ba2-fa	-	-	17,817.55		0.00%			
State Advocacy (TFG sub) - (TBD FY 19/20)		17,500.00	ba2-sa	-	-	17,500.00		0.00%			
Brown & Caldwell: (FY 14/15 - 16/17)		-	bc3	-	-	-		#DIV/0!			
Brown & Caldwell: (FY 17/18)		-	bc4	-	-	-		0.00%			
Brown & Caldwell: (FY 18/19)		55,853.21	bc5	-	-	31,313.80		0.00%			
SCWA: (FY 18/19)		-	a5	-	-	-		#DIV/0!			
SCWA: (FY 19/20)		-	a6	-	-	-		#DIV/0!			
SCWA: (FY 21/22)		19,183.76	a8	231.97	-	18,951.79		1.21%			
Subtotal		\$ 129,275.07		\$ 231.97	\$ -	\$ 104,503.69		0.18%			
*Projected Balance includes all pending transactions											

North Bay Water Reuse Authority
July 1, 2021 to Date Transaction Summary
as of August 31, 2021
JOINT USE

Item No. 9.i

Date	Description	Amount	Las Gallinas	Napa	Novato	SVCSD	SCWA	North Marin Water Dist.	Napa County	City of Petaluma	Marin Muni Water Dist.	American Canyon
7/1/2021	Beginning Balance	(11,583.79) b	(1,852.24)	1,397.76	1,397.76	1,397.76	1,397.78	1,397.76	1,397.76	(2,312.11)	(7,903.01)	(7,903.01)
7/29/2021	Salary/Assn Chgs Applied	(1,121.69) p a7	(112.17)	(112.17)	(112.17)	(112.17)	(112.16)	(112.17)	(112.17)	(112.17)	(112.17)	(112.17)
8/4/2021	Salary/Assn Chgs Applied	(6,127.73) p a7	(612.77)	(612.77)	(612.77)	(612.77)	(612.80)	(612.77)	(612.77)	(612.77)	(612.77)	(612.77)
8/19/2021	Salary/Assn Chgs Applied	(1,674.08) p a7	(167.41)	(167.41)	(167.41)	(167.41)	(167.39)	(167.41)	(167.41)	(167.41)	(167.41)	(167.41)
8/23/2021	Weir Technical Services SCWA_7-21	(2,680.00) p w4	(268.00)	(268.00)	(268.00)	(268.00)	(268.00)	(268.00)	(268.00)	(268.00)	(268.00)	(268.00)
			-	-	-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-	-	-
Current NBWRA Balance \$ (23,187.29)			\$ (3,012.59)	\$ 237.41	\$ 237.41	\$ 237.41	\$ 237.43	\$ 237.41	\$ 237.41	\$ (3,472.46)	\$ (9,063.36)	\$ (9,063.36)
PENDING			-	-	-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-	-	-
Projected Balance \$ (23,187.29)			\$ (3,012.59)	\$ 237.41	\$ 237.41	\$ 237.41	\$ 237.43	\$ 237.41	\$ 237.41	\$ (3,472.46)	\$ (9,063.36)	\$ (9,063.36)
			12.99%	-1.02%	-1.02%	-1.02%	-1.02%	-1.02%	-1.02%	14.98%	39.09%	39.09%
Current NBWRA Reconciliation			Current NBWRA Joint Use Reconciliation by Entity									
Beginning Balance	(11,583.79)	b	(1,852.24)	1,397.76	1,397.76	1,397.76	1,397.78	1,397.76	1,397.76	(2,312.11)	(7,903.01)	(7,903.01)
Deposits	-	d	-	-	-	-	-	-	-	-	-	-
Interest Earnings	-	i	-	-	-	-	-	-	-	-	-	-
Payments	(11,603.50)	p	(1,160.35)	(1,160.35)	(1,160.35)	(1,160.35)	(1,160.35)	(1,160.35)	(1,160.35)	(1,160.35)	(1,160.35)	(1,160.35)
Total:	(23,187.29)		(3,012.59)	237.41	237.41	237.41	237.43	237.41	237.41	(3,472.46)	(9,063.36)	(9,063.36)
Current NBWRA Obligations												
Vendor	Encumbrances		Paid to date	Adjustments	Balance	Expires	% Spent					
Program Mangement - (Weir : FY 14/15 - 16/17)	-	w3	-	-	-	-	0.00%	Carryover from Last FY				
Program Mangement - (Weir : FY 17/18 - 20/21)	8,722.45	w4	2,680.00	-	6,042.45	-	30.73%	Carryover from Last FY				
SCWA Administration - (SCWA : FY 17/18)	-	a4	-	-	-	-	0.00%	Carryover from Last FY				
SCWA Administration - (SCWA : FY 18/19)	-	a5	-	-	-	-	0.00%					
SCWA Administration - (SCWA : FY 19/20 - 21/22)	(27,888.53)	a7	8,923.50	-	(36,812.03)	-	0.00%					
Total	(19,166.08)		11,603.50	-	(30,769.58)	-	-60.54%					

North Bay Water Reuse Authority
July 1, 2021 to Date Transaction Summary
as of August 31, 2021
Discretionary

Item No. 9.i

<u>Date</u>	<u>Description</u>	<u>Amount</u>	
7/1/2021	Beginning Balance	66,639.50	b

Current NBWRA Balance	66,639.50
<i>PENDING</i>	

Projected Balance	66,639.50
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Current NBWRA Reconciliation	
Beginning Balance	66,639.50
Deposits	-
Interest Earnings	-
Payments	-
Balance	66,639.50

Combined	Marin Muni Water Dist.	Marin County	City of American Canyon
66,639.50	21,884.62	20,000.00	15,000.00
-		15,000.00	
-			
66,639.50	-	35,000.00	15,000.00
-			
66,639.50	21,884.62	35,000.00	15,000.00
	MMWD	Marin County	AM

Current NBWRA Joint Use Reconciliation by Entity				
66,639.50	-	21,884.62	20,000.00	15,000.00
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
66,639.50	-	21,884.62	20,000.00	15,000.00

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>
<u>N/A</u>						
Total	-	-	-	-		
<u>Project</u>	<u>Unencumbered</u>	<u>Spent</u>	<u>Misc.</u>	<u>Balance</u>		<u>% Spent</u>
Admin Agency Services (Unallocated)	-	ua	-	-		0%
Admin Agency Services (Room Rental)	-	rr	-	-		0%
Federal Congressional Tour	-	ft	-	-		0%
State Congressional Tour	-	st	-	-		0%
Total	-		-	-		
Miscellaneous Expenses		m	-			
	<u>Scheduled costs</u>	<u>Expenses</u>	<u>Adjustments</u>	<u>Balance</u>		<u>% Spent</u>
Total	-	-	-	-		0%

**Interest
North Bay Water Reuse Authority
as of August 31, 2021**

FY2013/2014

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

FY2014/2015

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

FY2015/2016

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

FY2016/2017

Period	Date Posted	Amount
1st Quarter	10/14/2016	\$ 4,111.97
2nd Quarter	1/13/2017	\$ 5,277.04
3rd Quarter	4/14/2017	\$ 5,383.46
4th Quarter	7/14/2017	\$ 5,766.27
Total		\$ 20,538.74

FY2017/2018

Period	Date Posted	Amount
1st Quarter	10/17/2017	\$ 5,909.98
2nd Quarter	1/12/2018	\$ 7,669.67
3rd Quarter	4/13/2018	\$ 6,628.28
4th Quarter	7/13/2018	\$ 6,146.03
Total		\$ 26,353.96

Interest
North Bay Water Reuse Authority
as of August 31, 2021
FY2018/2019

Period	Date Posted	Amount
1st Quarter	10/15/2018	\$ 5,512.88
2nd Quarter	1/15/2019	\$ 6,454.76
3rd Quarter	4/12/2019	\$ 7,728.98
4th Quarter	7/12/2019	\$ 7,205.96
Total		\$ 26,902.58

FY2019/2020

Period	Date Posted	Amount
1st Quarter	10/11/2019	\$ 6,387.63
2nd Quarter	1/10/2020	\$ 5,694.80
3rd Quarter	4/9/2020	\$ 5,477.49
4th Quarter	7/15/2020	\$ 4,828.69
Total		\$ 22,388.61

FY2020/2021

Period	Date Posted	Amount
1st Quarter	10/13/2020	\$ 3,246.60
2nd Quarter	1/15/2021	\$ 2,101.72
3rd Quarter	4/13/2021	\$ 1,746.08
4th Quarter	6/30/2021	\$ 1,335.66
Total		\$ 8,430.06

Balance

	Amount
	\$ 129,158.74
Transfer to JU	\$ (60,000.00)
Total	\$ 69,158.74

ITEM NO. 10 FUTURE DIRECTION AND NEXT STEPS FOR NBWRA**Action Requested**

It is requested that the Board discuss the possible future direction for NBWRA and provide direction for the Technical Advisory Committee (TAC) and the technical team. It is also requested that the Chair authorize future TAC meetings to better evaluate each agencies interest in the issues that have been identified through the Board meetings for the last year and the three meetings held with the individual counties in June.

Summary

At the last meeting, the concept of **Resilience** was discussed. Resilience is often defined as being able to adapt well and bounce back quickly in times of stress. In the fields of **engineering** and **construction**, **resilience** is the ability to absorb or avoid damage without suffering complete failure and is an objective of design, maintenance and restoration for buildings and infrastructure, as well as communities. It is not just to be able to recover from threats and stresses, but rather to be able to perform as needed under a variety of conditions – and to respond appropriately to both disturbances and opportunities.

All of the interest areas identified by the Member Agencies, as well as the Phase 1 and Phase 2 recycled water programs implemented to date, increase and contribute to drought resilience, ecosystem resilience, and infrastructure resilience in the North Bay. As an organizing principle, resilience would allow the NBWRA to continue and broaden its objectives and funding opportunities beyond Reclamation's Title XIV Recycled Water Program. This pivot towards resilience would allow for additional funding opportunities currently available, such as FEMA and SWRCB funds, and would position the organization for future funding streams under the Biden Administration, including \$50 billion identified for infrastructure resilience.

NBWRA was able to submit a Letter of Interest to the California Office of Emergency Services for a FEMA Building Infrastructure and Communities (BRIC) grant for the North Bay Adaptation Plan. This submittal will be further described in the presentation.

The subgroup (technical team) has prepared the attached PowerPoint presentation to assist the Board in evaluating potential issues including Recycled Water, Potable Reuse, Coordinated Drought Response Planning, and Sea Level Rise Adaptation. The presentation includes suggested actions, funding opportunities, and a timeline for each of the issues.

Over the last year the Board has discussed these issues and progress is being made. However, since these issues are quite new to NBWRA as a whole, the technical team believes that it would benefit the process if the TAC were to review and thoroughly vet the issues and bring back recommendations, including a more detailed workplan and costs for the Board to consider at its

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next meeting. The subgroups expectation is that each TAC member would discuss the issues with their respective Boards prior to the next NBWRA Board meeting. The overall intent of this effort is to position NBWRA to apply for and successfully compete for funds that will be available through the State and Federal governments.

Recommendation

It is recommended that the Board discuss the probable future direction for NBWRA and provide direction for the technical team. It is also recommended that the Chair authorize TAC meetings to better evaluate each agency's interest in the issues that have been identified, discuss with their respective boards and provide recommendations for the NBWRA Board to consider at a future meeting.

Attachment

PowerPoint presentation, Next Steps for NBWRA

Next Steps for NBWRA

NBWRA Board Meeting
September 27, 2021



Summary of NBWRA Survey and County Meetings

- 💧 **Gathered good feedback and we believe there is an opportunity for NBWRA to provide value to the North Bay beyond recycled water**
- 💧 North Bay agencies all face common resiliency threats
 - Water supply/ drought, saline intrusion, sea level rise, changing regulations
- 💧 Through recycled water, NBWRA has successfully implemented a program for a more resilient local water supply
- 💧 Beyond recycled water, there is no framework for sub-regional resilience planning and implementation in the North Bay
- 💧 **Expanding the focus of NBWRA to a broader resilience planning approach increases funding source opportunities for the identified areas of interest**



Resilience Approach – Resilience Arenas

- 💧 **Resilience can be an organizing principle across all these areas of interest**
- 💧 Based on feedback, the following resilience arenas were identified:
 - **Recycled Water** – continue to support ongoing efforts to implement recycled water projects in the region
 - **Potable Reuse** – explore conjunctive use opportunities through the implementation of indirect and direct potable reuse
 - **Coordinated Drought Response Planning** – consider development of regional based drought response
 - **Sea Level Rise Adaptation** – identify strategies to mitigate the adverse effects of sea level rise to critical infrastructure in the region
- 💧 Using these resilience arenas as a basis, the technical team developed a conceptual workplan as outlined in the following slides for discussion



Biden Infrastructure Plan Includes Resiliency Funding

President Joe Biden has allocated
\$50 billion
 towards infrastructure resiliency to
 withstand climate disasters.
[Click here to read more.](#)

It's time to plan a more resilient future.

North Bay Water Resilience Agency



Transportation infrastructure **\$621 billion**

Highways, bridges and roads \$115B	Public transit \$85B	Passenger and freight rail \$80B
Electric vehicles \$174B		
Airports, water transit and ports \$42B		
Transportation inequities \$45B		
Infrastructure resiliency \$50B		
Other \$30B		



NORTH BAY WATER REUSE PROGRAM
Water Supply Reliability through Regional Reuse

Resilience Arena 1 – Continued Recycled Water Support

Suggested Action:

- 💧 Review and update environmental documentation and the Financial Capability Determination report to align with updates made to the Feasibility Study. Consider supplementing budget for future grant application response.

Funding Opportunities:

- 💧 The Phase 2 Program would continue to be funded through the WaterSMART Title XVI funding opportunities and the Prop 1 State funds.

Timeline:

- 💧 The Technical Team would like to move on this as soon as practicable. Need to have this documentation updated and ready to ensure potential implantation funding is not delayed.



Resilience Arena 1 – Continued Recycled Water Support (cont.)

Budget:

- 💧 Task 2 – Phase 2 Feasibility Study Report
 - \$20k for continued support as it pertains to any potential changes needed to the Feasibility Study
- 💧 Task 3: Phase 2 EIR/EIS
 - \$85K to update the EIR/EIS to align with the updated Feasibility Study
- 💧 Task 4 – Financial Capability Determination (FCD) Report
 - \$10k to update the FCD Report to align with updated Feasibility Study
- 💧 Task 5 – Phase 2 Construction Grant Application
 - \$80k to support the development of two additional grant applications

Summary per Agency											
Agency	Total Budget	LGVSD	Napa SD	Novato SD	SVCSD	SCWA	NMWD	Napa County	Petaluma	MMWD	American Canyon
Total	\$ 195,000	\$ -	\$ 23,906	\$ 23,459	\$ 17,792	\$ 22,105	\$ -	\$ -	\$ 57,479	\$ 21,872	\$ 28,386



Resilience Arena 2 – Potable Reuse Assessments

Proposed Action:

- 💧 Conduct preliminary assessments to identify potential purified water use opportunities. These initial assessments will help establish the basis for a future feasibility study if the assessments find viable alternatives.

Funding Opportunities:

- 💧 The SWRCB offers planning grants ranging from \$75k to \$150k. This could also be developed into a “Phase 3 Program” that would look to develop a Title XVI Feasibility Study with a focus on purified water opportunities.

Timeline:

- 💧 Given the focus of recent funding opportunities and ongoing drought conditions, the Technical team believes it would be wise to get started on these purified water assessments as soon as practicable to identify viable alternatives and further refine them if needed.



Resilience Arena 2 – Potable Reuse Assessments (cont.)

Budget:

- 💧 Assessments could be completed for approximately \$50k/each
- 💧 By Agency costs would depend on who ultimately decides to move forward with the assessments
- 💧 Examples include:
 - Marin Municipal Water District and Central Marin Sanitation Agency
 - North Marin Water District and Novato Sanitary District/ Las Gallinas Valley Sanitary District
 - City of Petaluma
 - Sonoma Water and Sonoma Valley County Sanitation District



Resilience Arena 3 – Coordinated Drought Contingency Planning ^{RG}

Proposed Action:

- 💧 Consider undertaking the development of a Sonoma/Marin County focused Drought Contingency Plan (DCP). These studies support collaborative planning efforts that use a proactive approach to build long-term resiliency to drought.

Funding Opportunities:

- 💧 DCPs are funded through Reclamation's WaterSMART Drought Response Program. These opportunities offer a 50/50 cost-share with local stakeholder contribution. Projects (i.e., Mitigation and Response Actions) identified in the DCP effort are eligible for implementation funding.

Timeline:

- 💧 Studies require interested parties prepare an application. If selected by Reclamation, the studies can take up to 2-years to complete.



Resilience Arena 3 – Coordinated Drought Response (cont.)

Budget:

💧 Studies cost approximately \$400,000

💧 Potential Study Partners:

- Sonoma Water
- City of Petaluma
- City of San Rafael
- City of Novato
- MMWD
- NMWD
- Marin County
- Novato SD
- LGVSD
- SVCSD

💧 Study Cost Share Needs:

- Project Budget: \$400,000
- Reclamation Funding: \$200,000
- Net Cost to Agencies: \$200,000

- Cost Per Agency for 2-year study: \$12,500/yr
 - Assumes 8 agency partners



Resilience Arena 4 – Sea Level Rise Adaptation

Proposed Action:

- 💧 Several vulnerability studies can be leveraged to complete adaptation plans and position for federal and state funding:
 - Long Term: North Bay Adaptation Plan based on Marin County Vulnerability Assessment
 - Near Term: LGVSD/ Marin County Adaptation Plan
 - Alternate: Marin County/ Novato San Deer Island

Funding Opportunities:

- 💧 Apply for FEMA Building Infrastructure and Communities (BRIC) grant
 - Up to \$500,000 with Cost share 75/25 (Federal/Non-Federal); with state match could be \$675,000
 - \$919M available for mitigation projects in national competition; call for applications annually
 - 36-month performance window

Timeline:

- 💧 Cal OES Letter of Interest submitted; grant application is due December 1, 2022



Resilience Arena 4 – Sea Level Rise Adaptation (cont.)

Budget:

- 💧 BRIC Application: North Bay Adaptation Plan Application: \$50,000
 - Cost per Agency: \$5,000 (assumes 10 NBWRA agency partners)
- 💧 Additional Opportunity: LGVSD/ Marin County Adaptation Plan Application: \$50,000
 - Cost per Agency: \$25,000 (assumes 2 NBWRA agency partners; Marin Co. Parks and San Rafael could also collaborate)



Potential Schedule

Project/Concept	Month																										
	2021			2022												2023											
	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
Continued Recycled Water Support																											
Update of EIR/EIS																											
Update FCD Report																											
Potential Grant Applications																											
Potable Reuse Assessments																											
Drought Contingency Plan																											
Sea Level Rise Adaptation																											
BRIC Grant Application																											
Adaptation Plans																											
*TAC and Board meetings would be scheduled as needed																											



Next Steps

Proposed Action:

- 💧 Technical team would like to meet with the TAC to further refine the proposed projects/concepts and associated funding opportunities/strategy. Based on input from the TAC, the technical team would then come back to the Board with:
 - Updated potential projects/concepts for the Board to review
 - Better describe tasks to consider, potential costs, and budget
 - Refined project profiles that would link projects/concepts with funding opportunities
 - Potential MOU modifications, other member agencies, or organizational changes



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ITEM NO. 11 STATUS OF PHASE 1 RECONCILIATION AND CLOSEOUT ACTIVITIES

Action Requested

None at this time

Summary

The final completion date for construction of Phase 1 projects is September 30, 2021. Currently, all funded Phase I projects are complete. Reconciliation and closeout are ongoing as Sonoma Water works on the project closeout report. The closeout will include the final reconciliation and cost reallocation as well as submittal of the project closeout report to USBR.

Recommendation

None at this time.

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ITEM NO. 12 STATUS OF PHASE 2

Action Requested

None at this time

Summary

The consultant team submitted the updated Phase 2 Feasibility Study to Reclamation for their review on May 10, 2021. The updated document integrated the new SVCSD and Petaluma projects into the existing Phase 2 Program. The new projects were integrated as follows:

- For SVCSD, the 8th Street East Pipeline was combined with the existing Napa Road Pipeline Project to create the new 8th Street East and Napa Road Pipeline Project.
- For the City of Petaluma, both the Maria Pipeline and Adobe Road Pipeline projects were integrated into the existing Agricultural Recycled Water Expansion Project.

On July 29, 2021, Kevin Booker received both a transmittal letter and an approval memorandum for the updated Phase 2 Feasibility Study from Reclamation. The updated Feasibility Study should allow the group to include the new projects in any future Title XVI grant application.

Recommendation

None at this time. This is an information item only.

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ITEM NO. 13 ITEMS FOR THE NEXT AGENDA

Action Requested

None at this time.

Summary

Items for the next Agenda include regular reports, Phase 1 Status Report and Closeout, Phase 2 Status Report, Water Bond Status, federal infrastructure bill status, continue the discussion of possible future projects and direction for NBWRA, and budget considerations.

Recommendation

None at this time.