



NORTH BAY WATER REUSE PROGRAM

Expanding Water Supplies with Regional Reuse



BOARD OF DIRECTORS MEETING

AGENDA

**Monday, February 28, 2022
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/84884419245>

Meeting ID: 848 8441 9245

One tap mobile +16699009128, 84884419245# US (San Jose)

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

Meeting ID: 848 8441 9245

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)

**Action
Pages 4 – 7**

5. Board Meeting Minutes of November 29, 2021 (2 minutes)

(The Board will consider approving the minutes from the November 29, 2021 Board meeting.)

**Action
Page 8**

6. Election of Officers (5 minutes)

(The Board will elect a Chair and Vice Chair for 2022.)

**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

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| Information and Action
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Pages 10 - 65

Pages 66 - 72 | 7. Report from the Chair (5 minutes)
(The Chair will report on items of interest to the Board.)

7.a Report from the Technical Advisory Committee (10 minutes)
(The Board will review the Report on the TAC meetings of January 11 and February 2, 2022 and consider recommendations from the TAC moving forward.)

7.b Consultant Progress Reports (5 minutes)
(The Board will review the consultant progress reports for the periods November 2021 - January 2022.) |
| Action
Page 73 | 8. Authorization for Sonoma Water to Submit a Funding Application to USBR on Behalf of Phase 2 Participating Agencies (5 minutes)
(The Board will consider authorizing Sonoma Water to submit a funding application to USBR on behalf of Phase 2 Participating Agencies.) |
| Action
Page 74 | 9. 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 Occurs First (2 minutes)
(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
Pages 75 - 91 | 10. Financial Reports for the Fiscal Year Ending June 30, 2022 (5 minutes)
(The Board will review the Financial Reports for Fiscal Years Ending June 30, 2021 and June 30, 2021.) |
| Information
Pages 92 - 109 | 11. Update on Napa Valley Drought Contingency Plan (15 minutes)
(The Board will receive a report on the status of the Napa Valley Drought Contingency Plan.) |
| Information
Pages 110 - 111 | 12. Status of Phase 1 Reconciliation and Closeout Activities (5 minutes)
(The Board will be updated on Phase 1 status of reconciliation and closeout activities.) |
| Action
Page 112 | 13. Approval of Fiscal Year 2021/22 Budget Amendment
(The Board will consider approving a budget amendment for FY2021/22.) |
| Discussion
Page 113 | 14. Status of Phase 2 (10 minutes)
(The Board will be updated on the status of the Phase 2 EIR/EIS including possibly adding additional projects.) |
| Discussion
Page 114 | 15. Items for the Next Agenda (5 minutes)
(The Board will consider items for the next Agenda.) |
| Discussion | 16. 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.) |
| | 17. Adjournment (1 minute) |

**Next Board Meeting
To be announced**

(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
November 29, 2021
DRAFT**

1. Call to Order

Chair Rabbitt called the meeting to order at 9:33 a.m. on Monday, November 29, 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/84458034981>.

2. Roll Call

PRESENT:	David Rabbitt, Chair	Sonoma Water
	Jack Baker	North Marin Water District
	Brian Barnacle	City of Petaluma
	Rabi Elias	Las Gallinas Valley Sanitary District
	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
	Richard Thomasser	Napa County
	Pierre Washington	City of American Canyon

ABSENT: TAC members filled in for Napa County and Novato Sanitary District

OTHERS

PRESENT:	Chuck Weir, Program Manager	Weir Technical Services
	Kevin Booker	Sonoma Water
	Lorenzo Cordova	Marin County
	Grant Davis	Sonoma Water
	Jason Farnsworth	City of Petaluma
	Jim Grossi	North Marin Water District
	Rene Guillen	Brown & Caldwell
	Pam Jeane	Sonoma Water
	Nicole McGloin	Sonoma Water
	Drew McIntyre	North Marin Water District
	Mark Millan	Data Instincts
	Carmen Morales	Sonoma Water
	Jim O'Toole	ESA
	Andy Rogers	North Bay Watershed Association
	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 July 26, 2021.

On a motion by Director Gorin, seconded by Director Rodoni, the minutes of the July 26, 2021, meeting were unanimously approved by the Board by a roll call vote.

6. Report from the Chair**6.a Report from the Technology Committee**

The Program Manager provided a summary of the recent TAC meetings. The TAC met on October 20 and 21, 2021. Two meetings need to be held since there was not a single date when all members could participate. The content of the meetings was the same although the discussion was specific to the member agencies participating in each meeting. During the two meetings, the TAC discussed the following topics:

- History of the NBWRA Technical Advisory Committee (TAC)
- Direction to the TAC from the September 27, 2021 Board meeting
- Summary of the Survey and County Meetings
- Overview of potential Resilience Areas for NBWRA focus
- Potential Federal Funding
- Specific questions for discussion of each Resilience Area (Interest/Projects/Partners/Funding)
 - Resilience Arena 1, Continued Recycled Water Support
 - Resilience Arena 2, Potable Reuse Assessments
 - Resilience Arena 3, Coordinated Drought Contingency Planning
 - Resilience Arena 4, Seal Level Rise Adaptation
- TAC Operation Moving Forward

A PowerPoint presentation was used to assist in the discussion of the above topics. TAC members described the interest of each of their agencies in the four resilience arenas. In terms of moving forward, the TAC concluded that in order to efficiently address the four resilience arenas the TAC needed to be reestablished to review issues and provide recommendations to the Board. Drew McIntyre spoke in support of having the TAC operate as it did in the past.

Based on the results of the TAC meetings, four possible recommendations were provided to the Board for consideration

1. Request that the Board formally reestablish the TAC to review issues and provide recommendations to agency boards and the NBWRA Board.
2. Have the TAC elect a Chair and Vice Chair to be responsible for running TAC meetings and reporting to the Board.

3. Set up a schedule through 2022 for both the Board and TAC with the TAC meeting before Board meetings.
4. The consultant team offer its assistance to the TAC (and ultimately to the Board) in terms of preparing TAC agendas, reports and recommendations for Board consideration.

On a motion by Director Baker, seconded by Director Gibson, the recommendations 1 - 4 listed above were unanimously approved by the Board by a roll call vote.

6.b Recognition to Rabi Elias for Service on the NBWRA Board of Directors

The Board reviewed Director Elias's service to NBWRA for the last eight years and to the local community for more than twenty five years. Board members thanked Director Elias for his efforts on regional water recycling projects, drought contingency plans, and his forward thinking. Director Elias thanked the Board and staff and indicated that he may attend future NBWRA meetings as a member of the public.

7. Review of the Memorandum of Understanding

The Program Manager provided a brief review of the Memorandum of Understanding (MOU), including: history, purpose, objectives, Board and TAC, Phase 1, Phase 2, cost sharing, membership types, and fees. Board members were supportive of making necessary changes to the MOU to account for the new resilience arenas and well as the possible addition of new members provided that would not reduce the possibility of obtaining funding for current members. Jim O'Toole noted that has not been a problem in the past. This was an information item only requiring no action by the Board.

8. Future Direction and Next Steps for NBWRA

This topic was discussed under the Report from the TAC. Grant Davis noted that it would be good to receive a report from Napa County on their drought contingency plan, which was a result of funding obtained by NBWRA and transferred to Napa County. This was an information item only requiring no action by the Board.

9. 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 Occurs First

The Board discussed the issue of remote meetings and agreed that remote meetings are preferable as attendees do not have to spend time driving to the meeting and it reduces the carbon footprint of the meetings. On a motion by Director Gorin, seconded by Director Baker to approve the 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 Occurs First was unanimously approved by a roll call vote.

10. Consultant Progress Reports

The Board reviewed the consultant progress reports for the period September - October 2021. This was an information item only requiring no action by the Board.

11. Financial Reports for Fiscal Year Ending June 30, 2022.

The Board reviewed the financial reports and noted that expenses were tracking normally and that funds for the consultants were running low. This was an information item only, requiring no action by the Board.

12. 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 an email with the draft *Final Project Report for the North Bay Water Reuse Program, Phase 1*, along with *Attachment A*, which contains descriptions of each of the projects was sent to the main contacts at each agency on November 17, 2021 asking for comments, clarifications, and visual aids for the final report. Feedback from the agencies is requested by Friday, December 10, 2021. Drew McIntyre asked about the email and requested that it be resent. In addition to the final report for USBR, the Phase 1 closeout process will include the final reconciliation and cost reallocation. This was an information item only requiring no action by the Board.

13. Status of Phase 2

At the present time there are no changes to the status of Phase 2.

14. Items for the Next Agenda

Items for the next Agenda include a report and recommendations from the TGAC, regular reports, Phase 1 and Phase 2 Status Reports, funding opportunities for Phase 2 projects, and the Water Bond Status.

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

There were no comments from the Chair, Board or Member Agencies.

16. Adjournment

Chair Rabbitt adjourned the meeting at 10:25 a.m. The next meeting will be Monday, February 28, 2022, at 9:30 a.m. via Zoom.

Minutes approved by the Board _____

Charles V. Weir
Program Manager

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Agenda Explanation
North Bay Water Reuse Authority
Board of Directors
February 28, 2022

ITEM NO. 6.ELECTION OF OFFICERS

Action Requested

Elect a Chair and Vice Chair for 2022.

Summary

Sonoma County Supervisor David Rabbitt is the current Chair and Napa County Supervisor Belia Ramos is the Vice Chair.

Recommendation

Elect a Chair and Vice Chair for 2022 as required by the Memorandum of Understanding.

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Agenda Explanation
North Bay Water Reuse Authority
Board of Directors
February 28, 2022

ITEM NO. 7 REPORT FROM THE CHAIR

Action Requested

Two actions are requested:

1. Approve authorization for Sonoma Water to submit a Funding Application to USBR on behalf of Phase 2 participating agencies. Refer to Agenda Item No. 8
2. The Board should determine the date(s) for the next meeting(s).

Summary

The Chair will report on items of interest to the Board. This includes the following items:

Item No. 7.a, Report from the Technical Advisory Committee.

Item No. 7.b, Consultant Progress Reports

The next Board meeting has not yet been scheduled pending budget issues, TAC meetings and recommendations to the Board, and future direction for NBWRA. The TAC has set a regularly scheduled meeting for the first Thursday of the month from 2:00 to 3:00 p.m. through the rest of 2022. If there is no business or issues for the TAC to consider the meeting for that month will be cancelled. The Board may want to consider scheduling meetings for the rest of 2022. In keeping with Board practice to meet the last Monday of the month, options for the next Board meeting include the following:

March 28, 2022

April 25, 2022

May 23, 2022 (May 30 is Memorial Day)

Recommendations

1. Approve Agenda Item No. 8, Authorization for Sonoma Water to submit a funding application to USBR on behalf of Phase 2 participating agencies.
2. Determine the date(s) for the next meeting(s).

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Agenda Explanation
 North Bay Water Reuse Authority
 Board of Directors
 February 28, 2022

ITEM NO. 7.a REPORT FROM THE TECHNICAL ADVISORY COMMITTEE

Action Requested

Approve Agenda Item No. 8, as recommended by the TAC, Authorization for Sonoma Water to submit a funding application to USBR on behalf of Phase 2 participating agencies.

Summary

The TAC met on January 11, and February 2, 2022. The agenda packets and meeting minutes for each meeting are attached for the Board's review. The February 2, 2022 minutes are still draft. As can be seen from the minutes, Tim Healy, Napa Sanitation District, was elected Chair and Pam Jeane, Sonoma Valley County Sanitation District, was elected Vice Chair.

January 11, 2022 Meeting.

The TAC discussed the potential for duplicative efforts between NBWRA and the North Bay Watershed Association (NBWA) and recommended a meeting between the two organizations to discuss opportunities for collaboration and to ensure efforts are not duplicated. One of the TAC's recommendations was to have the consultant team prepare a one-page summary of NBWRA to be shared with NBWA to allow some graphics to be prepared to assist in the discussion for the Joint Meeting.

The TAC also discussed the first two of the four resilience arenas: recycled water, and potable reuse. The TAC reviewed the status of Phase 2 and noted that a USBR funding opportunity will be released shortly. The TAC agreed to update their project descriptions to assist in and application for funding.

The TAC also discussed a draft potable reuse study as noted in the minutes. The TAC agreed to continue discussing this issue as a routine item in future agendas. Discussion on two additional resilience arenas: coordinated drought response planning and sea level rise adaptation were deferred to the next meeting. The TAC agreed to schedule their next meeting for early February, pending the results of a Doodle Poll.

February 2, 2022

The TAC continued the discussion on the NBWRA/NBWA issue and reviewed the draft one-page summary document outlining NBWRA's History, Purpose, Objectives, Membership, Governance, Projects, Potential New Resilience Arenas, and Strengths. The TAC made several suggestions for improving the document, which were made and shared after the meeting. A copy of the version that was sent to NBWA is attached for the Board's review.

The TAC discussed the other two resilience arenas. The TAC suggested that Napa County provide a summary of their Drought Contingency Plan to the NBWRA Board. This item is included in the Agenda as Item No. 11, Update on Napa Valley Drought Contingency Plan

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Agenda Explanation
North Bay Water Reuse Authority
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February 28, 2022

(DCP). The topic of DCPs will be included as a standard item in future TAC and Board meetings. Sea level rise was also discussed with no specific action. The TAC also discussed other possible resilience arenas and funding opportunities as outlined by WateReuse.

The TAC discussed the updates to Phase 2 projects and the recently announced funding opportunity from USBR. As an action item the TAC unanimously approved recommending to the Board that they authorize Sonoma Water to submit an application to USBR on behalf of the Phase 2 agencies.

Recommendation

The TAC recommends that the NBWRA Board approve Item No. 8, Authorization for Sonoma Water to submit a funding application to USBR on behalf of Phase 2 participating agencies.

Attachments

1. January 11, 2022 TAC agenda packet and approved minutes.
2. February 2, 2022 GTAC agenda packet and draft minutes.
3. One Page summary of NBWRA sent to NBWA.

Board Item No. 7.a

NORTH BAY WATER REUSE AUTHORITY TECHNICAL ADVISORY COMMITTEE

Tuesday, January 11, 2022

Agenda

10:00 AM

Zoom Meeting: <https://us02web.zoom.us/j/89329710788>

	1.		Call to Order and Self Introductions
	2.	Action	Approval of Agenda
	3.		Public Comments
Page 2	4.	Information	Summary of Direction from the NBWRA Board
Page 3	5.	Action	TAC Organization – Selection of a Chair and Vice Chair
Page 4	6.	Discussion	Activities of NBWRA and NBWA – Potential Duplicative Efforts
Pages 5 – 7	7.	Discussion	TAC Recommendations on Resilience Arenas <ul style="list-style-type: none">• Recycled Water• Potable Reuse• Coordinated Drought Response• Sea Level Rise Adaptation
Page 8	8.	Action	TAC Reports to the Board on Item No. 7, Resilience Arenas
Pages 9 – 10	9.	Discussion	Other Possible Resilience Arenas and Funding Opportunities
	10.	Action	Next Meeting

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Agenda Explanation
North Bay Water Reuse Authority
Technical Advisory Committee
January 11, 2022

ITEM NO. 4 SUMMARY OF DIRECTION FROM NBWRA BOARD

Action Requested

None at this time.

Summary

At the November 29, 2021 Board meeting, the Board discussed the TAC and concluded that the TAC needs to be active in reviewing issues and bringing recommendations to the Board. Recommendations would include projects, budgets, cost sharing, and MOU modifications.

The Board approved the following Recommendations:

- Request the Board to formally reestablish the TAC to review issues and provide recommendations to agency boards and the NBWRA Board.
- Have the TAC elect a Chair and Vice Chair to be responsible for running TAC meetings and reporting to the Board.
- Set up a schedule through 2022 for both the Board and TAC with the TAC meeting before Board meetings.
- The consultant team offer its assistance to the TAC (and ultimately to the Board) in terms of preparing TAC agendas, reports and recommendations for Board consideration.

Recommendation

It is recommended that the TAC discuss organization moving forward and select a Chair and Vice Chair as noted in Item No. 5.

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Agenda Explanation
North Bay Water Reuse Authority
Technical Advisory Committee
January 11, 2022

ITEM NO. 5 TAC ORGANIZATION – SELECTION OF A CHAIR AND VICE CHAIR

Action Requested

Select a Chair and Vice Chair.

Summary

One of the approved recommendations from the Board from the November 29, 2021 meeting was to have the TAC elect a Chair and Vice Chair to be responsible for running TAC meetings and reporting to the Board. In 2016, the Chair was Tim Healy, Napa Sanitation District, and the Vice Chair was Pam Jeane, Sonoma Valley County Sanitation District.

Recommendation

It is recommended that the TAC discuss and select a Chair and Vice Chair for moving forward.

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Agenda Explanation
 North Bay Water Reuse Authority
 Technical Advisory Committee
 January 11, 2022

ITEM NO. 6 ACTIVITIES OF NBWRA AND NBWA – POTENTIAL DUPLICATIVE EFFORTS

Action Requested

Discuss the roles and responsibilities of NBWRA and NBWA and determine how to avoid duplicative efforts.

The November 5, 2021 summary of the North Bay Watershed Association Board meeting included the following:

NBWA convened a Regional Leaders/General Managers meeting on October 28, 2021, launching development of a Regional One Water Drought Project Strategy and Funding Initiative

Broadly beneficial goal of identifying and executing creative and strategic one water solutions that prepare the North Bay for the next drought by prioritizing and implementing projects

Summary Outline Notes:

One Water portfolio approach for the north bay

- *Organized by scale and types of projects*
- *Coordinate/bundle climate adaptation projects*
- *Distinguish missions & align NBWA/NBWRA initiatives*

Support development and completion of regional feasibility studies

- *Flood/Stormwater and water supply*
- *Indirect and Direct Potable Reuse (IPR/DPR)*
- *Aquifer Storage and Recovery (ASR)*

Convene land use agencies and water/wastewater service agencies

- *Strategize for expanded housing mandates*
- *Land use/housing nexus for infrastructure improvements and water delivery*

Outreach

- *Empowering people to understand ways to contribute at home and at work*

Many of the agencies and attendees participate in both NBWRA and NBWA, and since the topics overlap, there is the potential for duplicative efforts, which might delay progress as well as cost more than is necessary to achieve desired goals. The TAC should discuss this issue and develop a recommendation for the Board to consider at its February 28, 2022 meeting.

Recommendation

Provide a recommendation for the NBWRA Board to avoid duplicative efforts with NBWA.

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Agenda Explanation
North Bay Water Reuse Authority
Technical Advisory Committee
January 11, 2022

ITEM NO. 7 TAC RECOMMENDATIONS ON RESILIENCE ARENAS**Action Requested**

Consider recommendations for the NBWRA Board on the four resilience arenas moving forward.

Summary

As a reminder, copied below is a brief description of the four resilience areas from the November 29, 2021 Board meeting:

- 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

For Recycled Water, the Phase 2 project is essentially ready to go pending direction from the TAC and Board. There is adequate funding available to complete the environmental documentation and to submit an application for Title 16 Funding.

For Potable Reuse, please refer to the draft outline of an NBWRA Potable Reuse Regional Study that was prepared by Dawn Taffler, Kennedy Jenks Consultants. A regional potable reuse study would be timely given the results of the survey as well as the drought conditions that have been impacting all NBWRA member agencies.

Outlines for other region or subregional resilience arena efforts can be developed by the consultant team based on recommendations from the TAC and Board.

Recommendation

The TAC should discuss the Potable Reuse Regional Study outline and consider recommendations for that study as well as other resilience arena projects for the Board as noted in Agenda Item No. 8. In addition, the TAC should consider a recommendation for

NBWRA Potable Reuse Regional Study

Development of a NBWRA Potable Reuse Regional Study (Study) would be a regional effort to study potable reuse opportunities in the North Bay. The NBWRA Member Agencies first came together in 2002 to develop a program that used a multiple-benefit approach to identify how to best serve the region's urban, agricultural and environmental needs using non-potable recycled water. This Study would similarly explore opportunities on how to best augment potable supplies with purified water through a Potable Reuse Program.

Together, the NBWRA Member Agencies have recognized that regional collaboration offers opportunities to address multiple water supply and wastewater challenges, while realizing the benefits of shared infrastructure, asset recovery, economies of scale, and a more competitive strategy to pursue funding, in addition to enhancing regional self-reliance through integrated water management.

Objective of Study: to identify existing and in-progress potable reuse concepts being explored independently by NBWRA Agencies and explore regional potable reuse concepts that could realize multiple benefits.

Goal of Study: through collaborative screening and ranking process, to identify regional potable reuse concepts and provide the NBWRA Agencies with sufficient information to determine the next steps for viable projects of interest and an overarching outreach message to communicate with the public.

Scope of Work – High Level Outline

Task	Description	Deliverables	Input Needed
Task 1. Prior and Current Studies	Identify existing and in-progress studies by NBWRA agencies related to potable reuse. Identify synergies between studies.	Summary table of studies (e.g. objectives, level of effort, source supply, type/place of use)	NBWRA agencies provide relevant studies and updates of ongoing studies in progress.
Task 2. Supply and Demands	Summarize available ww/rw supplies and potable demands for NBWRA agencies	Summary table/map and supply and demands.	UWMP tables supplemented by other data (if needed).
Task 3. Regulatory Overview	Describe multi-barrier approach to reuse and existing regs for IPR/DPR	Summary of regulatory requirements, incl. treatment, discharge requirements, and institutional agreements	NBWRA Agencies identify/provide applicable permits and agreements.
Task 4. Potable Reuse Concepts	Describe local and regional IPR/DPR concepts at a high level (considerations, not conveyance)	Summary tables/maps identifying key components of concepts	NBWRA Agencies identify preferred local projects from prior/ongoing studies. Charrette to identify potential regional concepts.

Task	Description	Deliverables	Input Needed
Task 5. Screening Approach	Two step approach to (1) screen concepts to create alternatives (2) score, weight and rank alternatives	Summary tables: criteria to screen concepts, alternatives for further evaluation, criteria to score, weight and rank alternatives	Workshops to discuss criteria development, screening outcomes for concepts and alternatives for further analysis.
Task 5. Regional Alternative Evaluation	Identify key infrastructure, conveyance and environmental considerations for regional alternatives.	Summarize facilities, benefits and limitations	Workshop to discuss facility preferences, benefits and limitations
Task 6. Preliminary Costs	Prepare concept level costs for all alternatives.	Table/Graphs illustrating capital, O&M and annualized unit costs.	Cost input from NBWRA Agencies, recent bids, and cost data from prior/ongoing studies.
Task 7. Regional Alternative Ranking	Apply criteria to score, weight and rank alternatives. Potential next steps to further explore most viable options.	Ranking matrix with sensitivity analysis. Road map with triggers to initiate next steps. Potential schedule for potable reuse implementation for top ranked alternatives.	Workshops to discuss scoring, weighting and ranking of regional alternatives. (A preferred alternative may not be identified at this stage).
Task 8. Path to Public Support	Overview of available resources and strategies for public outreach	Framework for regional public outreach and communication	NBWRA Agencies share existing outreach strategies. Workshop to solicit input on regional messaging and strategy
Task 9. NBWRA Potable Reuse Regional Study	Document work from Tasks 1-8, including a summary of technical, financial, institutional findings and next steps	Admin Draft, Draft and Final Report.	NBWRA Agencies review and provide consolidated comments
Task 10. Meetings	Regular check in meetings with TAC, agency specific meetings for local alternatives, NBWRA board meetings to present outcomes	Meeting materials, including agendas, presentations, and minutes	NBWRA Agencies attend and contribute at meetings
Task 11. Project Management and QA/QC	Setup, invoicing, internal coordination	Status reports and monthly invoice	

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Agenda Explanation
North Bay Water Reuse Authority
Technical Advisory Committee
January 11, 2022

ITEM NO. 8 TAC REPORTS TO THE BOARD ON ITEM NO. 7, RESILIENCE AREAS**Action Requested**

The TAC should discuss the process for providing recommendation to the Board regarding resilience arena projects.

Summary

Since it has been several years since the TAC provided recommendations to the Board, the TAC should discuss the process for moving forward. The consultant team can provide draft reports for the TAC to consider, but the actual reporting should come from the TAC. A draft Potable Reuse Regional Study was discussed in the last agenda item and it could serve as a test case for moving forward. The TAC may decide to recommend other potential studies and projects as well. This could also include moving forward with Phase 2.

Recommendation

It is recommended that the TAC provide a recommendation to the Board on the Potable Reuse Regional Study, Phase 2, as well as other resilience arena studies and projects.

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Agenda Explanation
North Bay Water Reuse Authority
Technical Advisory Committee
January 11, 2022

ITEM NO. 9 OTHER POSSIBLE RESILIENCE ARENAS AND FUNDING OPPORTUNITIES

Action Requested

None at this time.

Summary

The state and federal governments are actively trying to make funds available for a variety of water related projects. Many of these have been discussed in recent Board and TAC meetings. On January 4, 2022 DWR sent an email describing six federal and state grant-related opportunities with DWR and other agencies. These included the following:

1. California Hazard Mitigation Grant Program Notice of Funding Opportunity <https://www.caloes.ca.gov/RecoverySite/Documents/HMGP%20NOFO%20-%202012.14.21.pdf>
2. The Department of Water Resources (DWR) is pleased to release the final 2021 SGMA Implementation Guidelines (2021 Guidelines) and Proposal Solicitation Package (PSP). The two documents can be located on the SGM Grant Program's website at www.water.ca.gov/sgmgrants.
3. Regional Integrated Science and Assessments (RISA) and Adaptation Sciences (AdSci)FY2022 Notice of Funding Opportunity [Notice of Funding Opportunity \(PDF\)](#)
4. California Hazard Mitigation Grant Program Notice of Funding Opportunity <https://www.caloes.ca.gov/RecoverySite/Documents/HMGP%20NOFO%20-%202012.14.21.pdf>
5. The California Department of Transportation (Caltrans) developed the Clean California Local Grant Program as part of a two-year program through which approximately \$296 million in funds will go to local communities to beautify and improve local streets and roads, tribal lands, parks, pathways, and transit centers to clean and enhance public spaces. Through the combination of adding beautification measures and art in public spaces along with the removal of litter and debris, this effort will enhance communities and improve spaces for walking and recreation. View the [Clean California Local Grant Program Factsheet \(PDF\)](#) and <https://cleancalifornia.dot.ca.gov/local-grants/workshops-milestones> for more information.
6. California Grants Portal
Sign up to receive information about newly added state grant opportunities delivered to your inbox. <https://www.grants.ca.gov/subscribe-to-updates/>

In addition, there may be funding available from CalRecycle for agencies interested in codigestion of food waste.

The message from all of this is that there is money available and NBWRA and its member agencies could be well positioned for regional projects.

Page 2

Agenda Explanation
North Bay Water Reuse Authority
Technical Advisory Committee
January 11, 2022

Recommendation

None at this time.

Board Item No. 7.a

**North Bay Water Reuse Authority
Technical Advisory Committee
Zoom Meeting Minutes
January 11, 2022
Approved February 2, 2022**

1. Call to Order and Self Introductions

The Technical Advisory Committee (TAC) meeting was called to order at 10:06 a.m. on Tuesday, January 11, 2022. The meeting was a Zoom meeting only and attendees participated via the following link: <https://us02web.zoom.us/j/89329710788>

Committee Members Present

Cristopher Bolt	City of Petaluma
Grant Davis	Sonoma Water
Tim Healy	Napa Sanitation District
Pam Jeane	Sonoma Valley County Sanitation District
Sandeep Karkal	Novato Sanitary District
Liz Lewis	Marin County
Drew McIntyre	North Marin Water District
Paul Sellier	Marin Municipal Water District

Others Present

Member Agencies

Kevin Booker	Sonoma Water
Jason Farnsworth	City of Petaluma
Brad Sherwood	Sonoma Water
Jake Spaulding	Sonoma Water
Tony Williams	North Marin Water District

Consultant Team

Chuck Weir, Program Manager	Weir Technical Services
Rene Guillen	Brown & Caldwell
Mark Millan	Data Instincts
Jim O'Toole	ESA
Mike Savage	Brown and Caldwell
Dawn Taffler	Kennedy Jenks

2. Approval of the Agenda

The Agenda was approved.

3. Public Comments

There were no public comments.

4. Summary of Direction from the NBWRA Board

The Program Manager provided a summary of the action taken by the Board regarding the TAC at the November 29, 2021 Board meeting. Items approved by the Board included the following:

Board Item No. 7.a

- Board formally reestablished the TAC to review issues and provide recommendations to agency boards and the NBWRA Board.
- Have the TAC elect a Chair and Vice Chair to be responsible for running TAC meetings and reporting to the Board.
- Set up a schedule through 2022 for both the Board and TAC with the TAC meeting before Board meetings.
- The consultant team offer its assistance to the TAC (and ultimately to the Board) in terms of preparing TAC agendas, reports and recommendations for Board consideration.

This was an information item only, requiring no action by the TAC.

5. TAC Organization – Selection of a Chair and Vice Chair

The Program Manager noted that the last time the TAC met formally was in 2016 and that Tim Healy was the Chair and Pam Jeane was the Vice Chair. Drew McIntyre suggested that both Tim Healy and Pam Jeane be asked to return to their position. Both individuals stated that they were willing to serve. A motion by Drew McIntyre, seconded by Grant Davis, to elect Tim Healy as the Chair and Pam Jeane as the Vice Chair was unanimously approved by the TAC by a roll call vote.

6. Activities of NBWRA and NBWA – Potential Duplicative Efforts

At this point Chair Healy ran the meeting with assistance from the Consultant team. As noted in the NBWA meeting summary from November 5, 2021, NBWA recognizes the potential for duplication between the two organizations. The summary included the following bullet point: Distinguish missions & align NBWA/NBWRA initiatives. TAC members described their experiences with both organizations and noted that both provide useful services to their members. NBWA focuses on watershed issues but is looking to use the “One Water” approach that was discussed by NBWRA several years ago. NBWRA is focused on obtaining for its member agencies projects. The prospect of a meeting with the NBWRA Program Manager, NBWA Executive Director, the Chairs of NBWA and NBWRA, and the TAC Chair was discussed. The NBWA Executive Director has indicated that he would welcome a meeting between the two organizations. It was suggested by Mark Millan that each organization should prepare a one page document summarizing goals, mission, and strengths, would help focus discussion in a meeting. The goal of such a meeting would be to discuss common interests, how we can best collaborate, and make sure we do not duplicate efforts.

A motion by Pam Jeane, seconded by Paul Sellier to schedule a Zoom meeting between NBWRA and NBWA was unanimously approved by the TAC by a roll call vote. Included as part of the motion was the preparation of the one page document and attendance at the meeting would include: Chuck Weir, Andy Rogers (NBWA Executive Director), Jack Gibson (NBWA Chair), David Rabbitt (NBWRA Chair), Tim Healy (NBWRA TAC Chair), Pam Jeane (NBWRA TAC Vice Chair) and lead technical staff from NBWA. NBWRA representatives would then provide a report to the TAC, such that the TAC could provide a recommendation to the NBWRA Board at the February 28, 2022 meeting.

Board Item No. 7.a

7. TAC Recommendations on Resilience Arenas

The current four resilience arenas were summarized:

- 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

The TAC discussed the status of Phase 2 projects. Existing consultant budgets will support the submittal of one application for Title 16 funding. If USBR approved the application additional steps are needed to fully qualify for the funding. Jim O'Toole shared his screen to show proposed tasks and budget to meet all NEPA requirements if an application was approved:

- 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

Rene Guillen also noted that some minor modification of the projects might be possible which would revise the cost sharing. The TAC asked about the current project descriptions that have been approved by USBR. It was determined that the projects should be reviewed and updated such that the application that is submitted will have the best chance of success.

It was also noted that there may be funds available from Phase 1 once the true up is completed. Phase 1 agencies participating in Phase 2 could use those funds to help with the costs for the Phase 2 tasks noted above.

Following additional discussion, Rene Guillen and Jim O'Toole were asked to send the USBR letter approving \$83.2M for Phase 2 projects as well as the project descriptions. Member agencies were asked to review the descriptions and provide feedback within two weeks.

Rene Guillen indicated that from the time of application submittal to receipt of funding is currently approximately one year. It is acceptable for construction to occur on projects prior to receipt of funding as long as the application has been approved.

Board Item No. 7.a

An anticipated future recommendation from the TAC to the Board would be to apply for Title 16 funding for Phase 2 projects at the next funding opportunity, and modification of consultant budgets to accommodate completion of the required NEPA tasks listed above.

The TAC also discussed the draft Potable Reuse Study prepared by Dawn Taffler. She provided an overview of the study and noted it would take approximately 18 months to complete. No specific costs have yet been applied to the study pending direction from the TAC and Board. The TAC discussed the timing of such a study considering other efforts underway by Napa Sanitation District, City of American Canyon, and City of Napa. Other discussion included the value of a small demonstration project and public education efforts for elected officials and the public. A full scale potable reuse project would take eight to ten years to completed, so it would be valuable to begin the process of considering a regional study. There was no specific action on this item.

Although there was no action by the TAC, it was agreed to schedule another meeting in early February 2022 to continue the discussion on Phase 2 as well as review the two resilience arenas not discussed today, drought response and sea level rise. Following that meeting recommendations to the Board may be developed.

8. TAC Reports to the Board on Item No. 7, Resilience Arenas

The TAC Agenda and minutes will be included in the next Board packet. At this time, there are no specific recommendations to the Board on the resilience arenas.

9. Other Possible Resilience Arenas and Funding Opportunities

Due to time constraints other possible issues and funding opportunities were not discussed in detail. The TAC noted a list of various funding opportunities from Department of Water Resources and CalRecycle. The take home message is that there is substantial funding for projects for NBWRA member agencies at both a federal and state level and NBWRA needs to be well positioned to submit applications for funding for projects that benefit the member agencies.

This was an information item only requiring no action by the TAC

10. Next Meeting

The Program Manager will contact TAC members and set up a meeting in early February 2022. There being no further business, Chair Healy adjourned the meeting at 11:50 a.m.

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Board Item No. 7.a

NORTH BAY WATER REUSE AUTHORITY TECHNICAL ADVISORY COMMITTEE

Wednesday, February 2, 2022

Agenda

1:00 PM

Zoom Meeting: <https://us02web.zoom.us/j/83918415597>

	1.		Call to Order and Self Introductions
	2.	Action	Approval of Agenda
	3.		Public Comments
Pages 2 – 5	4.	Action	TAC Meeting Minutes of January 11, 2022
Page 6	5.	Discussion	Meeting Between NBWRA and NBWA to Avoid Duplicative Efforts - Status Report
Page 7 – 11	6.	Discussion	TAC Recommendations on Resilience Arenas <ul style="list-style-type: none">• Recycled Water (Discussed on January 11, 2022)• Potable Reuse (Discussed on January 11, 2022)• Coordinated Drought Response• Sea Level Rise Adaptation
Page 12	7.	Action	TAC Reports to the Board on Item No. 6, Resilience Arenas
Pages 13 – 32	8.	Discussion	Other Possible Resilience Arenas and Funding Opportunities
Page 33	9.	Discussion	Phase 2 Updates to Project Descriptions and Application for Title XVI Funding Opportunity
	10.	Action	Next Meeting
	11.		Adjournment

**North Bay Water Reuse Authority
Technical Advisory Committee
Zoom Meeting Minutes
January 11, 2022**

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The TAC also discussed the draft Potable Reuse Study prepared by Dawn Taffler. She provided an overview of the study and noted it would take approximately 18 months to complete. No specific costs have yet been applied to the study pending direction from the TAC and Board. The TAC discussed the timing of such a study considering other efforts underway by Napa Sanitation District, City of American Canyon, and City of Napa. Other discussion included the value of a small demonstration project and public education efforts for elected officials and the public. A full scale potable reuse project would take eight to ten years to completed, so it would be valuable to begin the process of considering a regional study. There was no specific action on this item.

Although there was no action by the TAC, it was agreed to schedule another meeting in early February 2022 to continue the discussion on Phase 2 as well as review the two resilience arenas not discussed today, drought response and sea level rise. Following that meeting recommendations to the Board may be developed.

8. TAC Reports to the Board on Item No. 7, Resilience Arenas

The TAC Agenda and minutes will be included in the next Board packet. At this time, there are no specific recommendations to the Board on the resilience arenas.

9. Other Possible Resilience Arenas and Funding Opportunities

Due to time constraints other possible issues and funding opportunities were not discussed in detail. The TAC noted a list of various funding opportunities from Department of Water Resources and CalRecycle. The take home message is that there is substantial funding for projects for NBWRA member agencies at both a federal and state level and NBWRA needs to be well positioned to submit applications for funding for projects that benefit the member agencies.

This was an information item only requiring no action by the TAC

10. Next Meeting

The Program Manager will contact TAC members and set up a meeting in early February 2022. There being no further business, Chair Healy adjourned the meeting at 11:50 a.m.

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Page 1

Agenda Explanation
North Bay Water Reuse Authority
Technical Advisory Committee
February 2, 2022

ITEM NO. 5 Meeting Between NBWRA and NBWA to Avoid Duplicative Efforts - Status Report

Action Requested

None at this time.

Summary

At the January 11, 2022 TAC meeting it was agreed that a meeting between NBWRA and NBWA leadership would be beneficial to avoid duplication of efforts. The meeting would include:

NBWRA: Chair Rabbitt, TAC Chair Healy, TAC Vice Chair Jeane, and Program Manager Weir

NBWA: Chair Jack Gibson and Executive Director Andy Rogers.

Chuck Weir and Andy Rogers met on January 28, 2022 to develop an agenda and plans for the meeting. A report on the meeting will be provided to the TAC.

Recommendation

None at this time.

Page 1

Agenda Explanation
North Bay Water Reuse Authority
Technical Advisory Committee
February 2, 2022

ITEM NO. 6 TAC RECOMMENDATIONS ON RESILIENCE ARENAS**Action Requested**

Consider recommendations for the NBWRA Board on the four resilience arenas moving forward.

Summary

As a reminder, copied below is a brief description of the four resilience areas from the November 29, 2021 Board meeting:

- 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

For Recycled Water, the Phase 2 project is essentially ready to go pending direction from the TAC and Board. There is adequate funding available to complete the environmental documentation and to submit an application for Title 16 Funding. Please refer to Agenda item No. 9 for additional information.

For Potable Reuse the TAC discussed at the January 11, 2022 meeting a draft outline of an NBWRA Potable Reuse Regional Study that was prepared by Dawn Taffler, Kennedy Jenks Consultants. A regional potable reuse study would be timely given the results of the survey as well as the drought conditions that have been impacting all NBWRA member agencies.

The two resilience arenas, Coordinated Drought Response Planning and Sea Level Rise Adaptation, which were not discussed on January 11, 2022 will be discussed at the February 2, 2022 meeting. To assist in the discussion the applicable pages from the November 29, 2021 Board meeting are attached.

Recommendation

The TAC should discuss the Coordinated Drought Response Planning and Sea Level Rise Adaptation resilience arenas and possibly review the Recycled Water and Potable Reuse arenas and consider recommendations for the February 28, 2022 Board meeting.

Resilience Arena 3 – Coordinated Drought Contingency Planning

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)



Page 1

Agenda Explanation
North Bay Water Reuse Authority
Technical Advisory Committee
February 2, 2022

ITEM NO. 7 TAC REPORTS TO THE BOARD ON ITEM NO. 6, RESILIENCE AREAS

Action Requested

The TAC should discuss recommendations for the February 28, 2022 Board meeting.

Summary

This item is a placeholder to allow the TAC to develop reports and recommendations for the Board. The next Board meeting is February 28, 2022. The agenda packet should be sent no later than February 21, 2022 to allow the TAC time to discuss with their individual Board members prior to the Board meeting.

Recommendation

It is recommended that the TAC provide a recommendation to the Board on the resilience arenas as well as Phase 2.

Page 1

Agenda Explanation
North Bay Water Reuse Authority
Technical Advisory Committee
February 2, 2022

ITEM NO. 8 OTHER POSSIBLE RESILIENCE ARENAS AND FUNDING OPPORTUNITIES

Action Requested

None at this time.

Summary

At the January 11, 2022 TAC meeting several other possible funding opportunities were reviewed. Recently WaterReuse discussed funding opportunities, including:

Water Recycling Funding Program (WRFP)
Clean Water State Revolving Fund (CWSRF)
Drinking Water State Revolving Fund (DWSRF)

A copy of the PowerPoint used in the discussion is attached for the TAC's information. Additional information can be provided upon request.

Recommendation

None at this time.

CA: HOW THE INFRASTRUCTURE INVESTMENT AND JOBS ACT AND CALIFORNIA STATE WATER RECYCLING FUNDING CAN HELP YOUR COMMUNITY ADVANCE WATER REUSE

MIKE DOWNEY, STATE WATER RESOURCES CONTROL
BOARD

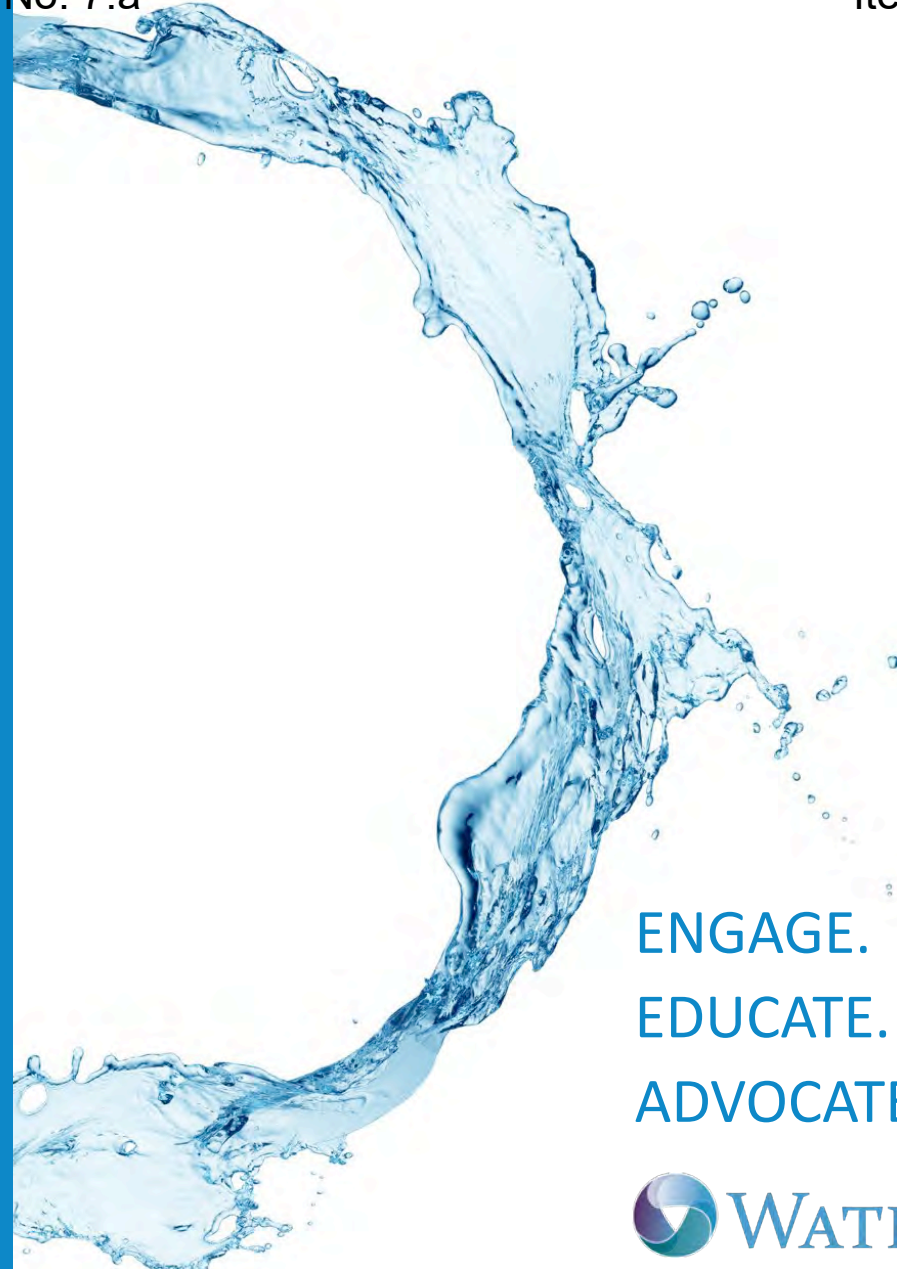
AMANDA ERATH, BUREAU OF RECLAMATION, U.S.
DEPARTMENT OF INTERIOR

GREG FOGEL, WATEREUSE ASSOCIATION

JANUARY 26, 2022

Board Item No. 7.a

Item No. 8



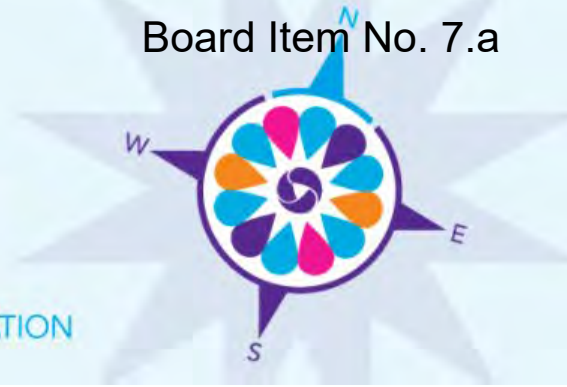
ENGAGE.
EDUCATE.
ADVOCATE.



2022 WaterReuse SYMPOSIUM

IN COLLABORATION WITH THE WATER RESEARCH FOUNDATION

Board Item No. 7.a



Item No. 8

SHAPING OUR PAST & CHARTING OUR FUTURE

MARCH 6-9, 2022 • SAN ANTONIO

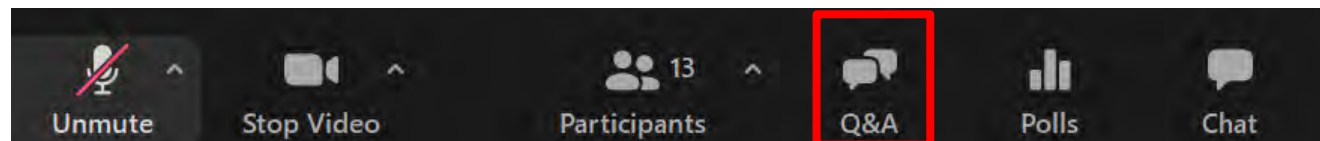
Register Today!

- Join us March 6-9 to learn more about water reuse policies and regulations.
- Check out symposium [website](#) for more information.



A Few Notes Before We Start...

- Today's webcast is scheduled for 60 minutes.
- There is one (1) Professional Development Hour (PDH) available for this webcast. Please email the PDH form (afurneaux@watereuse.org)
- Please type questions for the presenters into the Q&A box located at the bottom of your screen.



Title XVI

Water Reclamation and Reuse Projects

Eligible Project Types

- Projects that reclaim and/or reuse municipal, industrial, and agricultural wastewater; or impaired ground and surface waters.

Funding

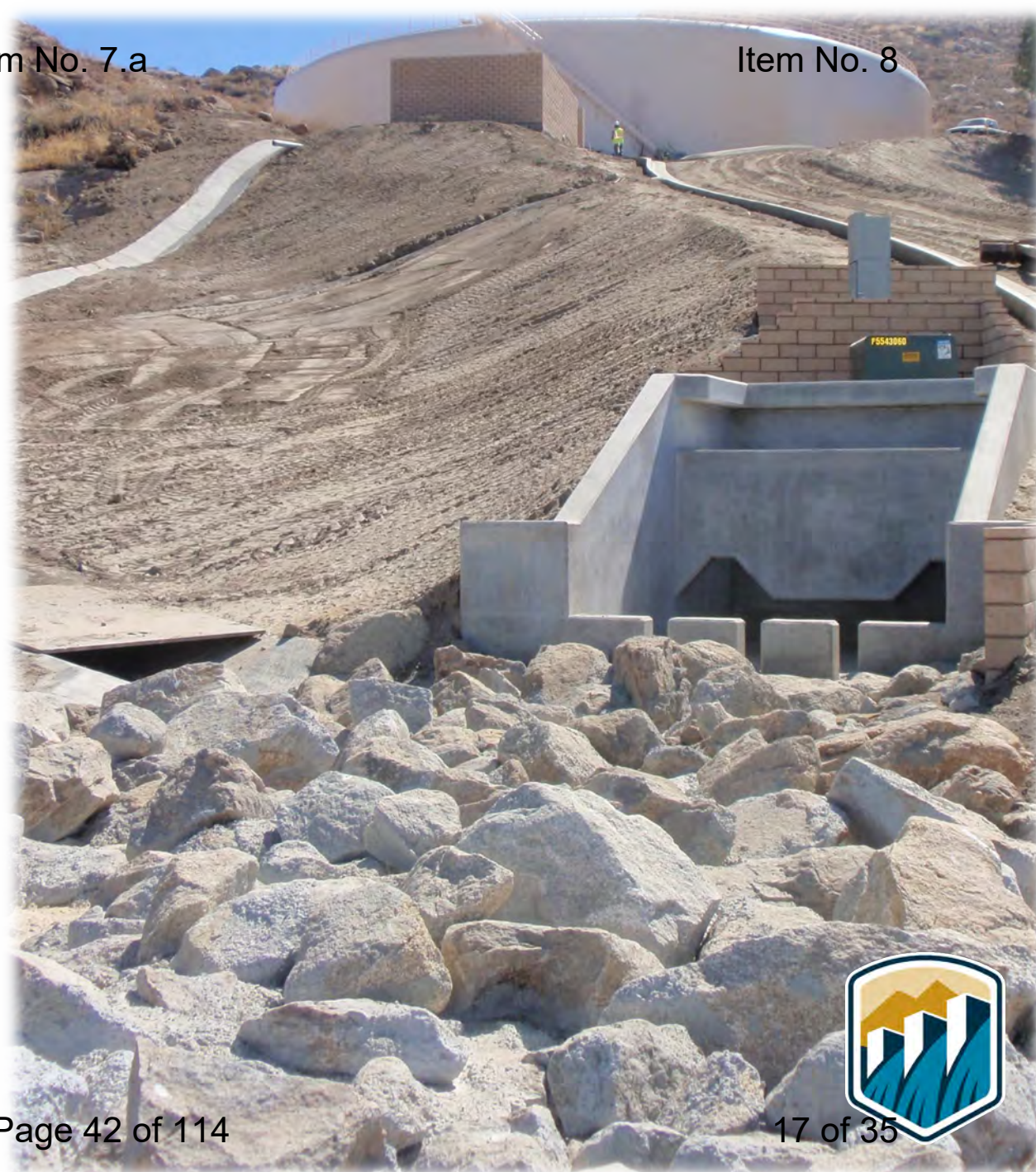
- Maximum Federal cost share is 25% of the total project cost, up to \$30 million
- 75% non-Federal cost share required

Funding

• \$550.0M

Section

• 40901(4), 40905



Water Desalination

Eligible Project Types

- Ocean or brackish water desalination projects

Funding

- Maximum Federal cost share is 25% of the total project cost, up to \$30 million
- 75% non-Federal cost share required

Funding

• \$250.0M

Section

• 40901(5) and 40908

Board Packet Page 43 of 114

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Current Funding Opportunities

- Three funding opportunities are currently open
- Applications are due on March 15, 2022
- 25% of the cost of work planned before September 30 ,2025
- Must have submitted a feasibility study to Reclamation by January 14, 2022 to be eligible
- FY 2022 Bipartisan Infrastructure Law funding
 - Title XVI - \$245 million
 - Desalination - \$15 million



Large Scale Water Recycling

Eligible Entity

- States, Indian Tribes, municipalities, irrigation districts, wastewater districts, or other organizations with water or power delivery authority

Eligible Projects

- Reclaim and reuse municipal, industrial, domestic, or agricultural wastewater; or impaired groundwater or surface water
- Total project cost of \$500 million or more
- Located in a Reclamation state

Funding

- 75% non-Federal cost share required

Funding

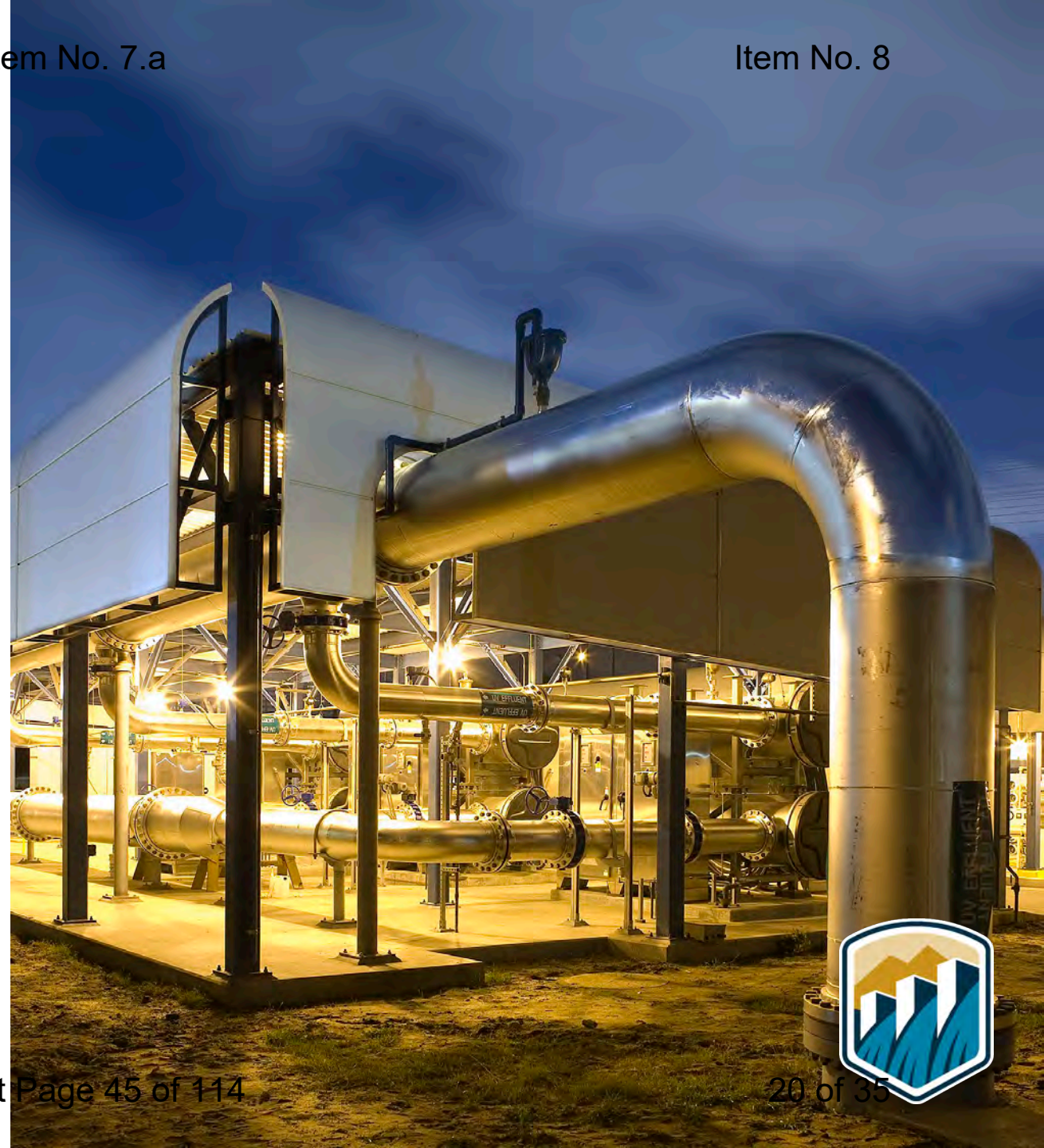
• \$450.0M

Section

• 40901(4), 40905

Board Packet Page 45 of 114

20 of 35





New State and Federal Infrastructure Funding for California



Presented By:
Mike Downey, Supervising Engineer

Overview

- Funding Programs
- Eligible Projects
- Current/Recent Funding
- State Infrastructure Funding
- Federal Infrastructure Funding
- How to Apply
- Stay Involved
- Contact Information

Funding Programs

SWRCB funding programs for Water Recycling projects:

- **Water Recycling Funding Program (WRFP)**
 - Recycled water treatment and distribution projects
 - Periodic state bond funds and CWSRF loans
- **Clean Water State Revolving Fund (CWSRF)**
 - Wastewater infrastructure and water quality projects
 - Recently \$600M per year funding capacity
- **Drinking Water State Revolving Fund (DWSRF)**
 - Drinking water projects with priority on public health
 - Recently \$300M per year funding capacity

Eligible Projects

- Eligible applicants include: Local Public Agencies, public utilities, federally and non-federally recognized Native American tribes on the Native American Heritage Commission's list.
- Water recycling construction projects must offset or augment state or local fresh water supplies.
- Construction of recycled water treatment facilities, storage facilities, pumping facilities, groundwater recharge facilities, and recycled water distribution systems, including onsite improvements.

Available WRFP Funds

	Prop 1	Prop 68	
	All types	Non-DAC	SDAC
Starting Balance	\$312,500,000	\$24,000,000	\$16,000,000
Encumbered to projects	(\$297,145,626)	(\$13,368,750)	\$0
Committed Projects*	(\$15,354,375)	(\$10,631,250)	(\$16,000,000)
Amount remaining	\$0	\$0	\$0

* Projects on current year Fundable List

2021 State Budget Water Board Allocations

Board Item No. 7.a

Item No. 8

Allocation (Millions)	Project Type
\$650	Wastewater projects (CWSRF Application) <i>*priority to septic-to-sewer conversions</i>
\$650	Drinking water projects (DWSRF Application) <i>*priority to disadvantaged communities (DACs)</i>
\$100	Per-and polyfluoroalkyl substances (PFAS) support for water systems
\$350	Groundwater cleanup and water recycling projects
\$20	Mexico border rivers

Bipartisan Infrastructure Law (BIL) — CA SRF Estimates FY 22-26 (Millions)

Board Item No. 7.a

Item No. 8

	DWSRF	CWSRF	Totals
Any Project (Subject to Future Appropriation)	\$ 1,318	\$ 1,025	\$ 2,344
Any Project (Appropriated)	\$ 1,054	\$ 819	\$ 1,874
Emerging Contaminants (Appropriated)	\$ 360	\$ 70	\$ 430
Lead Service Line Replacement (Appropriated)	\$ 1,350		\$ 1,350
Totals	\$ 4,082	\$ 1,915	\$ 5,998

How to Apply

- Financial Assistance Application Submittal Tool (FAAST)
<https://faast.waterboards.ca.gov/>
- Construction Application Information
https://www.waterboards.ca.gov/water_issues/programs/grants_loans/srf/srf_forms.html
- WRFPP Planning Grant Application Information
https://www.waterboards.ca.gov/water_issues/programs/grants_loans/water_recycling/facilitiesplan.shtml
 - 50% up to \$150,000 grant for Non-DAC
 - 100% up to \$150,000 grant for DAC/SDAC

Stay Involved

State Infrastructure Funding (Groundwater Cleanup & Water Recycling)

- February 2, 2022 – Stakeholder Meeting
- April 2022 – Workshop

Federal Infrastructure Funding (SRF)

- April/May 2022 – Draft 2022/23 Intended Use Plans
- May 2022 – IUP Workshop

Contact Information

DFA Web Page

https://www.waterboards.ca.gov/water_issues/programs/grants_loans/

Email Subscription Lists

https://www.waterboards.ca.gov/resources/email_subscriptions/

Water Recycling Funding Program (WRFP)

Sunny Kals, Senior Engineer

Sandeep.Kals@waterboards.ca.gov

Clean Water SRF, Drinking Water SRF, WRFP

Mike Downey, Supervising Engineer

Michael.Downey@waterboards.ca.gov



Questions?



Question & Answer

Page 1

Agenda Explanation
North Bay Water Reuse Authority
Technical Advisory Committee
February 2, 2022

ITEM NO. 9 PHASE 2 UPDATES TO PROJECT DESCRIPTIONS AND APPLICATION FOR TITLE XVI FUNDING OPPORTUNITY

Action Requested


The TAC should consider a recommendation for the February 28, 2022 Board meeting, including authorization to submit an application for Title XVI funding for Phase 2 Projects.

Summary

After the January 11, 2022 TAC meeting, Rene Guillen sent the following email to TAC members requesting updates to the project descriptions:

Hello Everyone,

Thank you all for attending today's call. Per our discussion on continued recycled water support, I went ahead and saved a copy of the updated Phase 2 Feasibility Study in the folder linked below.

Updated Phase 2 Feasibility Study:  <https://brwncald-my.sharepoint.com/:b:/p/rguillen/EWMT2vBk-ZRlrjb6ivLZ51oBsnvofyrpVgB3qBxupvnXXw?e=Dq0lhK>

As a reminder, 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.*

*Please take a look at your agency's Phase 2 projects (see Section 5) and let us know if these projects are implementation ready or have already been implemented. Don't worry if some of the listed projects have had minor changes/updates, Reclamation allows for some changes as projects transition from feasibility to implementation. If, however, there are Phase 2 projects that have experienced substantial changes or you have projects not included in the current program, please let us know. Once we've gathered feedback from everyone, we'll be better equipped to develop a strategy to try to get these projects implemented. **Please complete your review and provide input by Monday, January 24.***

Thanks in advance for your help on this.

Over the next several days, updates were provided by Novato San, Petaluma, and Sonoma Water.

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Agenda Explanation
North Bay Water Reuse Authority
Technical Advisory Committee
February 2, 2022

On January 14, 2022 USBR released information on funding opportunities for water projects. The timing was excellent since NBWRA agencies were already in the process of updating their project descriptions for including them in an application for Title XVI funding. On January 18, 2022 Rene Guillen sent the following email regarding submitting an application for funding:

Hello Everyone,

Reclamation just released the attached funding opportunity this past Friday. As you review your Phase 2 projects, please let me know if your agency is ready and willing to submit a project. We need your responses this week. Based on the responses, I'll plan on scheduling a kickoff call early next week to get us moving on the application, which is due March 15.

Changes to the Grant Application Submitted in 2018

After reviewing the funding opportunity, I think we can leverage a substantial amount of information that was included in the 2018 application and update as necessary. Below I've highlighted some of the items we'll need to revise/update:

- *Confirm which agencies are interested in participating and identify which projects they would like to include*
- *Update Evaluation Criteria responses for the Program*
- *Update Evaluation Criteria Responses to address revisions between the 2018 and 2022 funding opportunity*
- *Update Budget Narrative*
- *Update the 424 forms*
- *Gather/update Letters of Support (including from the NBWRA)*
- *Resolutions*

Schedule

The grant application is due Tuesday, March 15. This means we'll have about 7 weeks to pull this together. We'll need to have everything wrapped up and over Kevin and Jake by Friday, March 11.

Please let me know if you have any questions.

Thanks,

An update on the status of responses from the member agencies will be provided at the TAC meeting.

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Agenda Explanation
North Bay Water Reuse Authority
Technical Advisory Committee
February 2, 2022

Recommendation

The TAC should consider a recommendation for the February 28, 2022 Board meeting, including authorization to submit an application for Title XVI funding for Phase 2 Projects.

Board Item No. 7.a

**North Bay Water Reuse Authority
Technical Advisory Committee
Zoom Meeting Minutes
February 2, 2022**

Draft

Approved _____

1. Call to Order and Self Introductions

Chair Healy called the Technical Advisory Committee (TAC) meeting to order at 1:03 p.m. on Wednesday, February 2, 2022. The meeting was a Zoom meeting only and attendees participated via the following link: <https://us02web.zoom.us/j/83918415597>.

Committee Members Present

Tim Healy, Chair	Napa Sanitation District
Pam Jeane, Vice Chair	Sonoma Valley County Sanitation District
Erik Brown	Novato Sanitary District
Grant Davis	Sonoma Water
Jason Farnsworth	City of Petaluma
Steve Lederer	Napa County
Drew McIntyre	North Marin Water District
Paul Sellier	Marin Municipal Water District

Others Present

Member Agencies

Kevin Booker	Sonoma Water
Akin Fayahun	City of Petaluma
Richard Thomasser	Napa County
Brad Sherwood	Sonoma Water
Jake Spaulding	Sonoma Water
Tony Williams	North Marin Water District

Consultant Team

Chuck Weir, Program Manager	Weir Technical Services
Rene Guillen	Brown & Caldwell
Mark Millan	Data Instincts
Jim O'Toole	ESA
Mike Savage	Brown and Caldwell
Dawn Taffler	Kennedy Jenks

2. Approval of the Agenda

The Agenda was approved with no changes.

3. Public Comments

There were no public comments.

Board Item No. 7.a

4. TAC Meeting Minutes of January 11, 2022

On a motion by Drew McIntyre, seconded by Paul Sellier, the January 11, 2022 minutes were unanimously approved.

5. Meeting Between NBWRA and NBWA to Avoid Duplicative Efforts

The Program Manager displayed a summary of his meeting with Andy Rogers, Executive Director NBWA. The meeting was very productive and a plan was developed to prepare graphics that highlight the opportunities for the two organizations to cooperate with each other. A meeting with the Chairs of each organization along with the NBWRA TAC Chair and Vice Chair is being planned for late February 2022. The Program Manager also displayed a 1-page summary of NBWRA that highlights NBWRA's History, Purpose, Objectives, Membership, Governance, Projects, Potential New Resilience Arenas, and Strengths. Much of the information comes from the Memorandum of Understanding. Chair Healy suggested adding information about state and federal funding that has been received as well as the fact that other projects have been able to piggyback on NBWRA's efforts making the Phase 1 projects greater than the \$100 million that was partially funded by Title XVI. The Program Manager stated that he would make those changes and share both documents with the TAC and that they should feel free to share with their Boards. This was an information item requiring no action by the TAC.

6. TAC Recommendations on Resilience Arenas

Having discussed Recycled Water and Potable Reuse at the January 11, 2022 meeting, the TAC discussed the Coordinated Drought Response and Sea Level Rise Adaptation resilience arenas.

Coordinate Drought Response

Rene Guillen discussed the pages in the packet relative to this topic. He noted that a typical Drought Contingency Plan (DCP) study would cost \$400,000, with 50% funding from USBR. If eight agencies participated the cost would be \$12,500 per year for two years that it would take to complete the study. Drew McIntyre noted that NBWRA was awarded funding a few years ago for a Sonoma and Marin study but since there was another study underway, the funds were transferred to Napa County with City of Napa as the lead agency. Following discussion, Rene Guillen indicated that he would work with Napa County participants to include a report for the Board at the February 28, 2022 meeting. Paul Sellier felt that it may be a little early for this. TAC members generally agreed that applying for funding would be a good idea, but it would be best to wait for the results of the Sonoma/Marin study to be completed to determine where additional study is needed. Rene Guillen indicated that agencies should be preparing to submit an application as soon as they could. Drew McIntyre suggested and the TAC agreed to include this topic as a regular agenda item in future TAC and Board agendas.

Sea Level Rise Adaptation

Jim O'Toole shared his screen to discuss this topic. FEMA has a Building Infrastructure and Communities (BRIC) grant program that will provide some funding for studies and significant funding for actual projects. Two potential studies exist: 1) regional plan for the North Bay and 2) local plan for Marin county agencies. Each study application would cost approximately \$50,000 with agency shares depending on the number of participating agencies. Tim Healy stated that Napa San is doing their own climate change adaptation study that would likely lead to project recommendations. He hoped that NBWRA and BRIs would be able to obtain future funding.

Board Item No. 7.a

This was an information item requiring no action by the TAC.

7. TAC Reports to the Board on Item No. 6, Resilience Arenas

Following discussion the TAC agreed that TAC agenda packets and minutes should be included as a report to the Board at the next meeting. The consultant team will prepare a narrative report on the TAC meetings, discussion, and recommendations for the Chair and Vice Chair to review for the Board meeting packet. The TAC was also encouraged to share this information with their individual Boards on a formal or informal basis depending on timing of their individual meetings.

8. Other Possible Resilience Arenas and Funding Opportunities

Recently the WaterReuse Association discussed funding opportunities, including:

- Water Recycling Funding Program (WRFP)
- Clean Water State Revolving Fund (CWSRF)
- Drinking Water State Revolving Fund (DWSRF)

The PowerPoint presentation used by WaterReuse was included in the packet. Mark Millan highlighted the key elements of potential funding opportunities. It was noted that member agencies will likely receive ongoing information on this from such organizations as CASA, ACWA, League of Cities, WaterReuse, and CSAC. The possibility of engaging the services of a funding expert is something NBWRA may want to consider in the future. Mark Millan also noted that the national WaterReuse organization is holding a conference in San Antonio, TX in March 2022. A main topic for the conference will be the various funding opportunities that are available for recycled water, particularly potable reuse. This was an information item requiring no action by the TAC.

9. Phase 2 Updates to Project Descriptions and Application for Title XVI Funding Opportunity

Following the January 11, 2022 meeting Rene Guillen sent an email to TAC members requesting updates to their project descriptions for a possible funding opportunity. Comments were received from Novato San, Petaluma, and Sonoma Water. A few days later USBR released information on Title XVI funding and Rene Guillen notified TAC members of this and requested commitment for an application. Petaluma and American Canyon responded affirmatively. The application is due March 15, 2022 and all information will need to be submitted by March 11. Submitting an application must be approved by the NBWRA Board.

A motion by Jason Farnsworth, seconded by Grant Davis to recommend to the Board that they authorize submitting an application to USBR on behalf of Phase 2 participating agencies was unanimously approved by a roll call vote.

10. Next Meeting

Following discussion the TAC agreed to schedule a monthly meeting on the 1st Thursday of the month from 2:00 – 3:00 p.m. through 2022. If there is no business for the TAC in any given month, the meeting can be cancelled.

Board Item No. 7.a

11. Adjournment

Mark Millan noted that Chris DeGabriele has been appointed acting General Manager for Las Gallinas Valley Sanitary District while the district conducts a search for a new General Manager.

There being no further business Chair Healy adjourned the meeting at 2:19 p.m.

C:\Users\chuck\Documents\Weir Technical Services\NBWRA\Agendas\2022\TAC_Feb_2022\2022_02_02_NBWRA_TAC_Minutes.docx

Board Item No. 7.a

North Bay Water Reuse Authority History, Purpose, Objectives, Membership, Governance, Projects, Potential New Resilience Arenas, Strengths

History. NBWRA operates under a Memorandum of Understanding (MOU) first established in 2008 and amended four times. Current MOU was approved in November 2017.

Purpose. The purpose of NBWRA is to provide recycled water for agricultural, urban, and environmental uses thereby reducing reliance on local and imported surface water and groundwater supplies and reducing the amount of treated effluent released to San Pablo Bay and its tributaries.

Objectives. NBWRA projects will promote the expanded beneficial use of recycled water in the North Bay Region to:

- (a) Offset urban and agricultural demands on surface water and groundwater supplies;
- (b) Enhance local and regional ecosystems;
- (c) Improve local and regional water supply reliability;
- (d) Maintain and protect public health and safety;
- (e) Promote sustainable practices;
- (f) Give top priority to local needs for recycled water, and
- (g) Implement recycled water facilities in an economically viable manner.

Membership. Current membership includes agencies in Napa, Sonoma, and Marin counties interested in water issues: Napa and Marin Counties, Sonoma Water, Las Gallinas Valley SD, Novato SD, Marin Municipal WD, North Marin WD, Cities of Petaluma and American Canyon, Sonoma Valley CSD, and Napa SD.

Governance. One elected official from each of the member agencies serves on the Board of Directors, which is responsible for approving budgets and contracts. NBWRA complies with the Brown Act. Sonoma Water serves as the administrative agency. A Technical Advisory Committee (TAC) provides technical input and recommendations to the individual agencies and the NBWRA Board for projects, budgets, cost sharing, and MOU modifications.

Projects. Phase 1 has been completed and included \$100 million (\$25 M in federal funds, \$7 million from ARRA and \$18 M from Title XVI) in recycled water projects. Other projects were leveraged through the completed EIR/EIS making the total value greater than \$100 million. Funding for a drought contingency plan was transferred to City of Napa for a study in that county. Phase 2 is underway and includes approximately \$80 million (Prop 1 Funding a portion) in recycled water and water related projects. Costs are shared on the basis of benefit to the members. There are different agencies participating in Phase 1 and Phase 2.

Potential New Resilience Arenas include: Continuing Recycled Water, Potable Reuse, Coordinated Drought Response Planning, and Sea Level Rise Adaptation. Considering a potable reuse pilot project. Adding new arenas will result in modifications to the MOU for purpose, objectives, membership, and cost sharing.

Strengths. Feasibility Studies, EIR/EIS studies, financial capability analyses, public outreach, administration and management of programs and projects, obtaining state and federal funding through Prop 1 and Title XVI, leveraging studies to obtain funding and complete projects not originally included in NBWRA programs. Currently looking at additional funding opportunities.

Page 1

Agenda Explanation
North Bay Water Reuse Authority
Board of Directors
February 28, 2022

ITEM NO. 7.b CONSULTANT PROGRESS REPORTS

Action Requested

None at this time.

Summary

The consultant progress reports include the following: B&C – October – December 2021, Weir – November and December 2021 and January 2022. The reports are attached for the Board’s review. The consultants will be available to answer any questions from the Board.

Recommendation

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

Attachments

Consultant Progress Reports.



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

ACTIVITIES OCTOBER 29, 2021 THROUGH NOVEMBER 25, 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.

TASK 2 TITLE XVI FEASIBILITY STUDY/REPORT

- Review potential additional projects for NBWRP.

TASK 3 ENVIRONMENTAL EVALUATION

- Reviewing environmental considerations for additional projects.

TASK 4 FINANCIAL CAPABILITIES DETERMINATION

- No Activity.

TASK 5 PHASE 2 GRANT APPLICATION AND MANAGEMENT

- No Activity.

TASK 6 PHASE 1 SERVICES

- No Activity.

TASK 7 ADDITIONAL SERVICES

- Participated in NBWRA Board meetings, presentations, and follow-up, strategy and working sessions, visioning group meetings, TAC meetings, and county meetings.
- Helped coordinate meetings with technical team to discuss approach to be used following discussion at the TAC and county meetings.
- Prepared materials and presentation to be used at meetings with technical team.
- Project maintenance activities.



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

ACTIVITIES NOVEMBER 26, 2021 THROUGH DECEMBER 30, 2021

TASK 1 WORKSHOPS/PUBLIC OUTREACH/MGT

1.1 Workshops

- Virtual meetings to prepare for TAC meetings.

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.

TASK 2 TITLE XVI FEASIBILITY STUDY/REPORT

- No Activity.

TASK 3 ENVIRONMENTAL EVALUATION

- No Activity.

TASK 4 FINANCIAL CAPABILITIES DETERMINATION

- No Activity.

TASK 5 PHASE 2 GRANT APPLICATION AND MANAGEMENT

- Grant Support - Review WaterSMART Environmental Water Resources NOFO for funding eligibility; prepare for and participate in team call regarding Las Gallinas FEMA and DWR funding opportunities.

TASK 6 PHASE 1 SERVICES

- No Activity.

TASK 7 ADDITIONAL SERVICES

- Participated in NBWRA Board meeting.
- Prepared materials and presentation to be used at meetings with technical team.
- Project maintenance activities.

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

**November 2021
Progress Report**

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

- Telecon with consultant regarding TAC meeting summary.
- Email review and response with member agency regarding MOU review at November Board meeting.
- Drafted TAC meetings summary and sent to consultant team for review. Revised same based on comments received. Drafted transmittal email and sent to consultants for review; revised based on comments received. Sent email with meetings summary to TAC.
- Drafted September 27, 2021 meeting minutes and sent to consultants and Agency for review; revised based on comments received.
- Finalized July 26, 2021 minutes and sent to outreach consultant for website posting.
- Email communication with consultants regarding Board agenda items. Drafted agenda and sent to consultant team for review; modified based on comments received. Sent agenda to Chair and Vice Chair for review. Email communication with Chair regarding length of meeting.
- Drafted agenda reports for November 29, 2021 Board meeting; revised based on comments received.
- Prepped for and hosted November 29, 2021 Zoom Board meeting.
- Set up Zoom meeting with consultants to plan for TAC meeting based on Board direction.
- Reviewed news articles from outreach consultant.
- Updated distribution lists.

2.2 Task 2: Financial Management

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

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

- Prepared and submitted October 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 (FY21/22)
Sonoma County Water Agency Project-Activity Code N0001D034

**December 2021
Progress Report**

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

- Email communication with consultant team regarding possible TAC meeting dates. Sent Doodle poll to TAC to select next meeting date. Set up Zoom meeting for TAC on January 11, 2021. Sent Outlook appointment for same and monitored responses.
- 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

- Prepared and submitted November 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 (FY21/22)
Sonoma County Water Agency Project-Activity Code N0001D034

**January 2022
Progress Report**

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

- Email communication with Member agency regarding meeting schedule for Board and TAC.
- Email communication with consultant team regarding NBWA, TAC meeting, and biosolids land application as a possible resilience arena.
- Email communication with consultant team regarding TDAC meeting, agenda items, funding opportunities, and related issues.
- Drafted January 11, 2022 TAC agenda and reports and sent to consultants for input. Revised based on comments received. Participated in consultant planning meeting for TAC meeting. Completed TAC agenda packet and distributed to TAC and consultants.
- Prepped for and hosted Zoom TAC meeting; recap meeting with consultants. Drafted TAC minutes and sent to consultant team for review. Revised based on comments received and sent to TAC for review.
- Initiated contact with NBWA regarding a joint meeting with the two Chairs and TAC Chair and Vice Chair. Additional email communication with Andy Rogers, NBWA. MS Teams meeting with Andy Rogers to develop plan for joint meeting. Prepared summary of meeting.
- Email communication with consultants regarding possible dates for next TAC meeting. Sent Doodle poll to TAC for same. Set up Zoom meeting for February 2, 2022; sent Outlook appointment and monitored responses.
- Drafted February 2, 2022 TAC agenda and reports and sent to TAC Chair and Vice Chair for review; sent same to consultants for input. Revised based on comments received. Completed TAC agenda packet and distributed to TAC and consultants. Sent meeting guidance notes to TAC Chair and Vice Chair and consultants.
- Monitored communications between consultant team and TAC members regarding updating project descriptions and interest in submitting an application for Title XVI funding.
- Downloaded Form 700 for 2021, modified first page for use by Board members, drafted email to Board members and alternates, and sent to Agency staff for review.
- 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

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

2.5 Task 5: Governance Issues

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

ITEM NO. 8 AUTHORIZATION FOR SONOMA WATER TO SUBMIT A FUNDING APPLICATION TO USBR ON BEHALF OF PHASE 2 PARTICIPATING AGENCIES

Action Requested

It is requested that the Board authorize Sonoma Water to submit a funding application to USBR on behalf of Phase 2 participating agencies.

Summary

On January 14, 2022 USBR released information on funding opportunities for water projects. The timing was excellent since NBWRA agencies were already in the process of updating their project descriptions for including them in an application for Title XVI funding. The application is due March 15, 2022. The application submitted in 2018 can be used as the basis for this new application. A substantial amount of information can be leveraged. Modifications and updates to the 2018 application will include the following:

- Confirm which agencies are interested in participating and identify which projects they would like to include
- Update Evaluation Criteria responses for the Program
- Update Evaluation Criteria Responses to address revisions between the 2018 and 2022 funding opportunity
- Update Budget Narrative
- Update the 424 forms
- Gather/update Letters of Support (including from the NBWRA)
- Resolutions

The completed packet will need to be completed and sent to Sonoma Water by Friday, March 11, 2022. At its meeting on February 2, 2022, the TAC recommended that the NBWRA Board take an action to authorize Sonoma Water to submit a funding application to USBR on behalf of Phase 2 participating agencies.

Recommendation

The TAC recommendation is for the Board to authorize Sonoma Water to submit a funding application to USBR on behalf of Phase 2 participating agencies.

Attachment

None

Page 1

Agenda Explanation
North Bay Water Reuse Authority
Board of Directors
February 28, 2022

ITEM NO. 9 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

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.

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 expired September 30, 2021. The legislature passed and the governor has signed AB361 which allows public agencies to continue to hold remote meetings 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 as 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

Page 1

Agenda Explanation
North Bay Water Reuse Authority
Board of Directors
February 28, 2022

ITEM NO. 10 FINANCIAL REPORTS FOR FISCAL YEAR ENDING 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, 2022:

- a. Consultant Cost Tracking for FY21/22 through January 2022
- b. FY2021/22 Monthly Project Cost Summary as of January 31, 2022
- c. FY2021/22 Budget Allocations as of January 31, 2021
- d. FY2021/22 Transaction Summaries for Phase 1, Phase 2, Joint Use, and Discretionary as of January 31, 2021
- e. 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. Costs for the Fiscal Year ending June 30, 2022 are also tracking normally at this time.

Recommendation

None at this time.

Attachments

Item Nos. 10a – e as described above.

North Bay Water Reuse Authority
 Consultant Cost Tracking
 Fiscal Year 2021/22

February 22, 2022

	Oct-21	Nov-21	Dec-21	Jan-22	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	-	5,387	-	26,909	26,909	21,522
Total Costs for Phase 1 Support	-	-	-	-	3,534	-	5,387	-	26,909	26,909	21,522
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	666	1,546	2,008	-	31,193	-	20,896	-	31,314	31,314	10,418
Engineering Task 2 Feasibility Study - B&C	-	354	-	-	19,366	-	2,261	-	2,660	2,660	399
Engineering Tasks 3 & 4, Environmental & Financial Capability - B&C	-	1,418	-	-	19,133	-	4,323	-	21,879	21,879	17,556
SCWA Administration - Grants and EIR/EIS - SCWA	-	-	-	-	7,335	-	842	-	19,184	19,184	18,342
Total Costs for Study	666	3,318	2,008	-	77,027	-	28,323	-	75,037	75,037	46,714
Total Costs for Phase 2	666	3,318	2,008	-	87,332	-	28,323	-			100,952
Joint Use											
Program Management - Weir	1,760	2,680	320	3,120	16,200	-	13,640	10,000	8,972	18,972	5,332
Engineering Task 7, Additional Services - B&C	4,080	7,954	1,944	-	-	-	13,977	60,000	-	60,000	46,023
SCWA Administration	4,951	1,977	4,441	-	64,628	-	27,237	40,000	(27,889)	12,111	(15,125)
Total Costs for Joint Use	10,791	12,610	6,706	3,120	80,828	-	40,877	110,000	(18,916)	91,084	36,230
Total Costs											
Planning, Engineering, and Funding Management - B&C	4,745	11,272	3,952	-	73,226	-	46,845	60,000	82,762	142,762	95,917
Program Development and Federal/State Advocacy	-	-	-	-	-	-	-	-	54,238	54,238	54,238
Program Management - Weir	1,760	2,680	320	3,120	16,200	-	13,640	10,000	8,972	18,972	5,332
SCWA Administration	4,951	1,977	4,441	-	71,963	-	28,079	-	45,533	45,533	17,454
Total Costs for NBWRA	11,456	15,928	8,713	3,120	161,389	-	88,564	70,000	191,506	261,506	172,941

**North Bay Water Reuse Authority
Project Cost Summary
as of January 31, 2022**

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	11,285.91	131,475.56	92.09%
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	10,000.00	18,722.45	10,200.00	8,522.45	45.52%
SCWA Administration	SCWA	(8,704.77)	40,000.00	31,295.23	28,078.86	3,216.37	10.28%
TOTAL BUDGET		\$ 137,017.25	\$ 110,000.00	\$ 247,017.25	49,564.77	\$ 197,452.48	79.93%
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	5,387.26	21,521.00	79.98%
TOTAL BUDGET		\$ 26,908.26	\$ -	\$ 26,908.26	\$ 5,387.26	\$ 21,521.00	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	1,085.71	30,228.09	96.53%
Engineering: Task 2 Feasibility Study	Brown & Caldwell	2,659.96	-	2,659.96	1,907.06	752.90	28.30%
Engineering Tasks 3 & 4 : Environmental and Financial Capability	Brown & Caldwell	21,879.45	-	21,879.45	2,905.88	18,973.57	86.72%
SCWA Administration - Grants and EIR/EIS	SCWA	19,183.76	-	19,183.76	842.14	18,341.62	95.61%
TOTAL BUDGET		\$ 43,723.17	\$ -	\$ 43,723.17	\$ 6,740.79	\$ 68,296.18	156.20%
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	10,000.00	18,722.45	10,200.00	8,522.45	45.52%
Engineering Task 7: Additional Services - BC	Brown & Caldwell	-	60,000.00	60,000.00	15,590.75	44,409.25	74.02%
SCWA Administration	SCWA	(27,888.53)	40,000.00	12,111.47	27,236.72	(15,125.25)	-124.88%
TOTAL BUDGET		\$ (19,166.08)	\$ 110,000.00	\$ 90,833.92	53,027.47	\$ 37,806.45	41.62%

**North Bay Water Reuse Authority
Project Cost Summary
as of January 31, 2022**

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					26,876.66	115,884.81	81.17%
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	10,000.00	18,722.45					10,200.00	8,522.45	45.52%
SCWA Administration	SCWA	(8,704.77)	40,000.00	31,295.23					28,078.86	3,216.37	10.28%
TOTAL BUDGET		\$ 137,017.25	\$ 110,000.00	\$ 247,017.25	\$ -	\$ -	\$ -	\$ -	\$ 65,155.52	\$ 181,861.73	73.62%
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					5,387.26	21,521.00	79.98%
TOTAL BUDGET		\$ 26,908.26	\$ -	\$ 26,908.26	\$ -	\$ -	\$ -	\$ -	\$ 5,387.26	\$ 21,521.00	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					1,085.71	(1,085.71)	-3.47%
Engineering: Task 2 Feasibility Study	Brown & Caldwell	2,659.96	-	2,659.96					1,907.06	(1,907.06)	-71.70%
Engineering Tasks 3 & 4 : Environmental and Financial Capability	Brown & Caldwell	21,879.45	-	21,879.45					2,905.88	(2,905.88)	-13.28%
Administration - Grants and EIR/EIS	SCWA	19,183.76	-	19,183.76					842.14	18,341.62	95.61%
TOTAL BUDGET		\$ 75,036.97	\$ -	\$ 75,036.97	\$ -	\$ -	\$ -	\$ -	\$ 6,740.79	\$ 12,442.97	16.58%
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	10,000.00	18,722.45					10,200.00	8,522.45	45.52%
Engineering Task 7: Additional Services	Brown & Caldwell	-	60,000.00	60,000.00					15,590.75	44,409.25	74.02%
Administration	SCWA	(27,888.53)	40,000.00	12,111.47					27,236.72	(15,125.25)	-124.88%
TOTAL BUDGET		\$ (19,166.08)	\$ 110,000.00	\$ 90,833.92	\$ -	\$ -	\$ -	\$ -	\$ 53,027.47	\$ 37,806.45	41.62%

**North Bay Water Reuse Authority
Project Cost Summary
as of January 31, 2022**

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 20/21	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	110,000.00
Total	247,017.25
Expenses Incurred in FY 20/21 (Including budget for rollover amounts)	65,155.52
Amount Remaining	181,861.73
Unbudgeted Expenses (Discretionary)	-

Total Charges to NBWR FY 20/21 **\$65,155.52**

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	\$ 10,000.00										
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)	\$ 110,000.00	\$ 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	\$ 110,000	\$ 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 January 31, 2022
PHASE 1

Item No. 10.d

<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
12/3/2021	Brown & Caldwell - 11419797	(2,008.13)	p	bc3	(145.37)	(640.47)	(172.92)	(551.69)	(71.73)	(354.23)	(71.71)
12/3/2021	Brown & Caldwell - 11422754	(3,379.13)	p	bc3	(244.62)	(1,077.74)	(290.98)	(928.35)	(120.70)	(596.08)	(120.67)
					-	-	-	-	-	-	-
					-	-	-	-	-	-	-
Current NBWRA Balance \$					14,169.25	45,849.39	12,244.56	19,734.15	4,644.95	28,837.72	4,645.19
PENDING					-	-	-	-	(0.01)	-	-
					-	-	-	-	0.01	-	-
					-	-	-	-	-	-	-
Projected Balance \$					14,169.25	45,849.39	12,244.56	19,734.15	4,644.95	28,837.72	4,645.19
					10.89%	35.23%	9.41%	15.17%	3.57%	22.16%	3.57%

Current NBWRA Reconciliation			
Beginning Balance	135,512.47	b	
Deposits	-	d	
Interest Earnings	-	i	
Payments	(5,387.26)	p	
Total:	130,125.21		

Current NBWRA Phase 1 Support Reconciliation by Entity						
14,559.24	47,567.60	12,708.46	21,214.19	4,837.38	29,788.03	4,837.57
-	-	-	-	-	-	-
-	-	-	-	-	-	-
(389.99)	(1,718.21)	(463.90)	(1,480.04)	(192.43)	(950.31)	(192.38)
14,169.25	45,849.39	12,244.56	19,734.15	4,644.95	28,837.72	4,645.19

Current NBWRA Obligations						
<u>Vendor</u>	<u>Encumbrances</u>		<u>Paid to date</u>	<u>Adjustments</u>	<u>Balance</u>	<u>% Spent</u>
Grant Applications and Management - (B&C: FY 17/18 - 21/22)	26,908.26	bc3	5,387.26		21,521.00	20.02%
Total	26,908.26		10,774.52	-	43,042.00	40.04%

Carryover from Last FY

North Bay Water Reuse Authority
July 1, 2021 to Date Transaction Summary
as of January 31, 2022
PHASE 2

Item No. 10.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										
7/1/2021	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
	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										
	Vendor	Encumbrances	Paid to date	Adjustments	Balance	Expires	% Spent			
	Phase 2 - Support									
	Program Development - (TBD FY 19/20 - 21/22)	18,920.55	ba2-pd	-	18,920.55		0.00%			
	Federal Advocacy (TFG sub) - (TBD FY 19/20 - 21/22)	17,817.55	ba2-fa	-	17,817.55		0.00%			
	State Advocacy (TFG sub) - (TBD FY 19/20 - 21/22)	17,500.00	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 January 31, 2022
PHASE 2

Item No. 10.d

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
12/3/2022	Brown & Caldwell - 11416652	(1,085.71) bc5	-	(155.10)	(155.10)	(155.10)	(155.10)	(155.10)	(155.10)	(155.10)
Current NBWRA Phase 2 - Engineering Tasks 1 & 5: Mtgs, Admin, Grant Admin and Outreach Balance \$			\$ -	\$ 4,320.09	\$ 4,319.09	\$ 4,319.09	\$ 4,313.08	\$ 4,318.09	\$ 4,319.33	\$ 4,319.33
PENDING										
		bc5	-	-	-	-	-	-	-	-
		bc5	-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-
Projected NBWRA Phase 2 - Engineering Tasks 1 & 5: Mtgs, Admin, Grant Admin and Outreach Balance \$			\$ -	\$ 4,320.09	\$ 4,319.09	\$ 4,319.09	\$ 4,313.08	\$ 4,318.09	\$ 4,319.33	\$ 4,319.33
			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 \$			\$ -	\$ 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 18/19 - 21/22)										
		31,313.80 bc5	1,085.71							
Subtotal \$			\$ 1,085.71	\$ -	\$ 30,228.09					
					\$ 31,313.80					
3.47% Carryover from Last FY										

North Bay Water Reuse Authority
July 1, 2021 to Date Transaction Summary
as of January 31, 2022
PHASE 2

Item No. 10.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																					
7/1/2021	Beginning Balance	2,659.96	b	-	806.07	564.45	241.63	160.69	564.45	81.04	241.63										
12/3/2021	Brown & Caldwell - 11416652	(1,181.25)	p	-	(357.95)	(250.57)	(107.39)	(71.60)	(250.57)	(35.79)	(107.39)										
12/3/2021	Brown & Caldwell - 11422754	(725.81)	p	-	(219.94)	(153.96)	(65.98)	(43.99)	(153.96)	(21.99)	(65.98)										
Current NBWRA Phase 2 - Engineering Task 2 Feasibility Study Balance				\$	752.90	\$	-	\$	228.18	\$	159.92	\$	68.26	\$	45.10	\$	159.92	\$	23.26	\$	68.26
PENDING																					
Projected NBWRA Phase 2 - Engineering Task 2 Feasibility Study Balance				\$	752.90	\$	-	\$	228.18	\$	159.92	\$	68.26	\$	45.10	\$	159.92	\$	23.26	\$	68.26
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				(1,907.06)	p	-	(577.89)	(404.53)	(173.37)	(115.59)	(404.53)	(57.78)	(173.37)								
Total				\$	752.90	\$	-	\$	228.18	\$	159.92	\$	68.26	\$	45.10	\$	159.92	\$	23.26	\$	68.26
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 19/20 - 21/22)																					
				2,659.96	bc4	1,907.06	752.90	71.70%	Carryover from Last FY												
Subtotal				\$	2,659.96	\$	-	\$	-	\$	-	0.00%									

North Bay Water Reuse Authority
July 1, 2021 to Date Transaction Summary
as of January 31, 2022
PHASE 2

Item No. 10.d

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			
12/3/2021	Brown & Caldwell - 11419797	(2,905.88)	bc6	-	(196.29)	(238.22)	(139.02)	(289.51)	(1,278.85)	(300.90)	(463.08)			
Current NBWRA Phase 2 - Engineering Tasks 3 & 4 Environmental and Financial Capability Balance \$				\$	-	\$ 1,280.53	\$ 1,556.25	\$ 912.66	\$ 1,883.82	\$ 8,346.10	\$ 1,966.27	\$ 3,027.95		
PENDING														
			bc6	-	-	-	-	-	-	-	-			
			bc6	-	-	-	-	-	-	-	-			
			bc6	-	-	-	-	-	-	-	-			
Projected NBWRA Phase 2 - Engineering Tasks 3 & 4 Environmental and Financial Capability Balance \$				\$	-	\$ 1,280.53	\$ 1,556.25	\$ 912.66	\$ 1,883.82	\$ 8,346.10	\$ 1,966.27	\$ 3,027.95		
					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										
Deposits				-	d	-	1,476.82	1,794.47	1,051.68	2,173.33	9,624.95	2,267.17	3,491.03	
Interest Earnings				-	i	-	-	-	-	-	-	-	-	
Payments				-	p	-	-	-	-	-	-	-	-	
Total \$				21,879.45			\$ -	\$ 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														
Vendor				Encumbrances	Paid to date	Adjustments	Balance	Expires	% Spent					
Phase 2 - Feasibility Study														
Engineering: Tasks 3 & 4: Environmental and Financial Capability:														
Brown & Caldwell: (FY 20/21 - 21/22)				21,879.45	bc6	2,905.88	18,973.57	13.28%	Carryover from Last FY					
Subtotal \$				21,879.45		\$ 2,905.88	\$ -	\$ 18,973.57	13.28%					

North Bay Water Reuse Authority
July 1, 2021 to Date Transaction Summary
as of January 31, 2022
PHASE 2

Item No. 10.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:											
7/1/2021	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	-	(33.14)	(33.14)	(33.14)	(33.13)	(33.14)	(33.14)	(33.14)
9/15/2021	Salary/Assn Chgs Applied - N2	(610.17)	p	-	-	-	-	-	-	-	-
Current NBWRA Phase 2 - SCWA Administration and EIR/EIS \$ 18,341.62				\$ -	\$ (680.92)	\$ (31.92)	\$ (1,567.92)	\$ 763.03	\$ 16,083.08	\$ 937.22	\$ 3,449.22
PENDING											
Projected NBWRA Phase 2 - SCWA Administration and EIR/EIS \$ 18,341.62				\$ -	\$ (680.92)	\$ (31.92)	\$ (1,567.92)	\$ 763.03	\$ 16,083.08	\$ 937.22	\$ 3,449.22
				0.00%	-3.71%	-0.17%	-8.55%	4.16%	87.69%	5.11%	18.81%
Current NBWRA Phase 2 Feasibility Study SCWA Administration - Grants and EIR/EIS Reconciliation Totals											
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	(842.14)	p	-	(33.14)	(33.14)	(33.14)	(33.13)	(33.14)	(33.14)	(33.14)	
Total	\$ 18,341.62		\$ -	\$ (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 21/22)											
19,183.76 a8 842.14 18,341.62 4.39%											
Subtotal \$ 19,183.76 \$ 842.14 \$ - \$ 18,341.62 4.39%											
Phase 2 Feasibility Study Balance Totals											
Current NBWRA Phase 2 - Feasibility Study Balance 68,296.18 - 5,147.88 6,003.34 3,732.09 7,005.03 28,907.19 7,246.08 10,864.76											
Projected NBWRA Phase 2 - Feasibility Study Balance 68,296.18 - 5,147.88 6,003.34 3,732.09 7,005.03 28,907.19 7,246.08 10,864.76											
*Projected Balance includes all pending transactions											

North Bay Water Reuse Authority
July 1, 2021 to Date Transaction Summary
as of January 31, 2022
PHASE 2

Item No. 10.d

Date	Description	Amount	Las Galinas	Napa	Novato	SVCS	SCWA	City of Petaluma	Marin Muni Water Dist.	American Canyon.
Summary										
Phase 2 Support & Feasibility Study Balance Totals										
	Current NBWRA Phase 2 Balance	130,521.39	647.63	13,983.84	14,838.30	12,568.05	15,844.88	37,743.15	16,267.34	19,238.39
	Projected NBWRA Phase 2 Balance	130,521.39	647.63	13,983.84	14,838.30	12,568.05	15,844.88	37,743.15	16,267.34	19,238.39
Current NBWRA Phase 2 - Support & Feasibility Study Reconciliation Totals										
Beginning Balance	137,262.18	b d i p	647.63	14,946.26	15,669.29	13,068.68	16,438.21	39,614.77	16,814.26	20,063.08
Deposits	-		-	-	-	-	-	-	-	-
Interest Earnings	-		-	-	-	-	-	-	-	-
Payments	(2,749.20)		(611.03)	(437.67)	(206.51)	(148.72)	(437.67)	(90.92)	(206.51)	
Totals	134,512.98		647.63	14,335.23	15,231.62	12,862.17	16,289.49	39,177.10	16,723.34	19,856.57
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 - (TBD FY 19/20 - 21/22)	18,920.55	ba2-pd	-		18,920.55		0.00%			
Federal Advocacy (TFG sub) - (TBD FY 19/20 - 21/22)	17,817.55	ba2-fa	-		17,817.55		0.00%			
State Advocacy (TFG sub) - (TBD FY 19/20 - 21/22)	17,500.00	ba2-sa	-		17,500.00		0.00%			
Brown & Caldwell: (FY 18/19 - 21/22)	55,853.21	bc5	1,085.71		49,954.56		1.94%			
SCWA: (FY 21/22)	19,183.76	a8	842.14		18,341.62		4.39%			
Subtotal	\$ 129,275.07		\$ 1,927.85	\$ -	\$ 122,534.28		1.49%			
*Projected Balance includes all pending transactions										

North Bay Water Reuse Authority
July 1, 2021 to Date Transaction Summary
as of January 31, 2022
JOINT USE

Item No. 10.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
7/1/2021	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 a8	(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 a8	(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 a8	(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)
9/1/2021	Salary/Assn Chgs Applied	(1,855.10) p a8	(185.51)	(185.51)	(185.51)	(185.51)	(185.51)	(185.51)	(185.51)	(185.51)	(185.51)	(185.51)
9/15/2021	Salary/Assn Chgs Applied	(1,828.13) p a8	(182.81)	(182.81)	(182.81)	(182.81)	(182.84)	(182.81)	(182.81)	(182.81)	(182.81)	(182.81)
9/27/2021	Weir Technical Services SCWA_ 8-21	(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)
9/29/2021	Salary/Assn Chgs Applied	(3,260.58) p a8	(326.06)	(326.06)	(326.06)	(326.06)	(326.06)	(326.06)	(326.06)	(326.06)	(326.06)	(326.06)
10/15/2021	Salary/Assn Chgs Applied	(4,249.29) p a8	(424.93)	(424.93)	(424.93)	(424.93)	(424.92)	(424.93)	(424.93)	(424.93)	(424.93)	(424.93)
10/28/2021	Salary/Assn Chgs Applied	(701.95) p a8	(70.20)	(70.20)	(70.20)	(70.20)	(70.15)	(70.20)	(70.20)	(70.20)	(70.20)	(70.20)
10/29/2021	North Marin Water Distric Deposit	10,000.00 d						10,000.00				
11/10/2021	Weir Technical Services SCWA_ 9-21	(2,000.00) p w4	(200.00)	(200.00)	(200.00)	(200.00)	(200.00)	(200.00)	(200.00)	(200.00)	(200.00)	(200.00)
11/10/2021	American Canyon Deposit	10,000.00 d			10,000.00							10,000.00
11/10/2021	Novato Sani Deposit	10,000.00 d										
11/10/2021	Napa Sani Deposit	10,000.00 d		10,000.00								
11/10/2021	Salary/Assn Chgs Applied	(1,976.79) p a8	(197.68)	(197.68)	(197.68)	(197.68)	(197.67)	(197.68)	(197.68)	(197.68)	(197.68)	(197.68)
11/17/2021	City of Petaluma Deposit	10,000.00 d								10,000.00		
12/1/2021	Weir Technical Services SCWA_ 10-21	(1,760.00) p w4	(176.00)	(176.00)	(176.00)	(176.00)	(176.00)	(176.00)	(176.00)	(176.00)	(176.00)	(176.00)
12/6/2021	Salary/Assn Chgs Applied	(715.72) p a8	(71.57)	(71.57)	(71.57)	(71.57)	(71.59)	(71.57)	(71.57)	(71.57)	(71.57)	(71.57)
12/3/2021	Brown & Caldwell - 11416652	(3,018.50) p bc1	(301.85)	(301.85)	(301.85)	(301.85)	(301.85)	(301.85)	(301.85)	(301.85)	(301.85)	(301.85)
12/1/2021	LGVS D Deposit	10,000.00 d	10,000.00	-	-	-	-	-	-	-	-	-
12/3/2021	Brown & Caldwell - 11419797	(6,049.75) p bc1	(604.98)	(604.98)	(604.98)	(604.98)	(604.93)	(604.98)	(604.98)	(604.98)	(604.98)	(604.98)
12/3/2021	Brown & Caldwell - 11422754	(6,522.50) p bc1	(652.25)	(652.25)	(652.25)	(652.25)	(652.25)	(652.25)	(652.25)	(652.25)	(652.25)	(652.25)
12/8/2021	Salary/Assn Chgs Applied	(2,830.58) p a8	(283.06)	(283.06)	(283.06)	(283.06)	(283.04)	(283.06)	(283.06)	(283.06)	(283.06)	(283.06)
12/9/2021	SVCSD Deposit	10,000.00 d	-	-	-	10,000.00	-	-	-	-	-	-
12/9/2021	SCWA Deposit	10,000.00 d	-	-	-	-	10,000.00	-	-	-	-	-
12/27/2021	Salary/Assn Chgs Applied	(895.08) p a8	(89.51)	(89.51)	(89.51)	(89.51)	(89.49)	(89.51)	(89.51)	(89.51)	(89.51)	(89.51)
12/21/2021	Weir Technical Services SCWA_ 11-21	(1,202.45) p w4	(120.25)	(120.25)	(120.25)	(120.25)	(120.20)	(120.25)	(120.25)	(120.25)	(120.25)	(120.25)
12/21/2021	Weir Technical Services SCWA_ 11-21	(1,477.55) p w5	(147.76)	(147.76)	(147.76)	(147.76)	(147.71)	(147.76)	(147.76)	(147.76)	(147.76)	(147.76)
1/4/2022	MMWD Deposit	10,000.00 d	-	-	-	-	-	-	-	-	10,000.00	-
Current NBWRA Balance \$ 25,388.74			\$ 2,844.99	\$ 6,094.99	\$ 6,094.99	\$ 6,094.99	\$ 6,095.24	\$ 6,094.99	\$ (3,905.01)	\$ 2,385.12	\$ (3,205.78)	\$ (3,205.78)
PENDING												
2/3/2022	Weir Technical Services SCWA_ 12-21	(320.00) p w5	(32.00)	(32.00)	(32.00)	(32.00)	(32.00)	(32.00)	(32.00)	(32.00)	(32.00)	(32.00)
2/3/2022	Weir Technical Services SCWA_ 01-22	(3,120.00) p w5	(312.00)	(312.00)	(312.00)	(312.00)	(312.00)	(312.00)	(312.00)	(312.00)	(312.00)	(312.00)
Projected Balance \$ 21,948.74			\$ 2,500.99	\$ 5,750.99	\$ 5,750.99	\$ 5,750.99	\$ 5,751.24	\$ 5,750.99	\$ (4,249.01)	\$ 2,041.12	\$ (3,549.78)	\$ (3,549.78)
			11.39%	26.20%	26.20%	26.20%	26.20%	26.20%	-19.36%	9.30%	-16.17%	-16.17%

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	90,000.00 d		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
Interest Earnings	-		-	-	-	-	-	-	-	-	-	-
Payments	(53,027.47) p		(5,302.77)	(5,302.77)	(5,302.77)	(5,302.77)	(5,302.54)	(5,302.77)	(5,302.77)	(5,302.77)	(5,302.77)	(5,302.77)
Total:	25,388.74		2,844.99	6,094.99	6,094.99	6,094.99	6,095.24	6,094.99	(3,905.01)	2,385.12	(3,205.78)	(3,205.78)

Current NBWRA Obligations							% Spent	Carryover from Last FY
Vendor	Encumbrances	Paid to date	Adjustments	Balance	Expires			
Program Mangement - (Weir : FY 17/18 - 20/21)	8,722.45	w4 8,722.45		-		100.00%		
Program Mangement - (Weir : FY 21/22)	10,000.00	w5 1,477.55		8,522.45		14.78%		
SCWA Administration - (SCWA : FY 21/22)	12,111.47	a8 27,236.72		(15,125.25)		224.88%		
Additional Services - (Brown & Caldwell: FY 21/22)	60,000.00	bc1 15,590.75		44,409.25		25.98%		
Total	90,833.92	53,027.47	-	37,806.45		58.38%		

North Bay Water Reuse Authority
July 1, 2021 to Date Transaction Summary
as of January 31, 2022
Discretionary

Item No. 10.d

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

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 January 31, 2022**

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 January 31, 2022
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

FY2021/2021

Period	Date Posted	Amount
1st Quarter	10/12/2021	\$ 1,278.75
2nd Quarter	1/13/2022	\$ 1,227.50
3rd Quarter		
4th Quarter		
Total		\$ 2,506.25

Balance

		Amount
		\$ 131,664.99
Transfer to JU		\$ (60,000.00)
Transfer to JU FY21/22		\$ (10,000.00)
Total		\$ 61,664.99

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ITEM NO. 11 UPDATE ON NAPA VALLEY DROUGHT CONTINGENCY PLAN

Action Requested

None at this time.

Representatives from Napa Valley agencies and Brown & Caldwell have a prepared a presentation, copy attached, summarizing the status of the Napa Valley Drought Contingency Plan.

Recommendation

None at this time.

Attachment

Presentation on the Napa Valley Drought Contingency Plan.



Update for the North Bay Water Reuse Authority

Napa Valley Drought Contingency Plan

February 28, 2022

Meeting Agenda

- What is a Drought Contingency Plan?
- Overview of the Napa Valley DCP
 - Water Supply and Demand Analysis
 - Vulnerability Assessment
 - Mitigation and Response Actions
 - Administrative and Organizational Framework
- Next Steps for the DCP





What is a Drought Contingency Plan?

Drought Contingency Plan

- Drought Contingency Plans address
 - How will we recognize the next drought in early stages
 - How will drought affect us
 - How can we protect ourselves from the next drought
- Drought Resiliency Projects
 - These projects are referred to as "mitigation actions" in the DCP
 - Are implemented to mitigate effects of drought



— BUREAU OF —
RECLAMATION

The Six Required Elements of a DCP

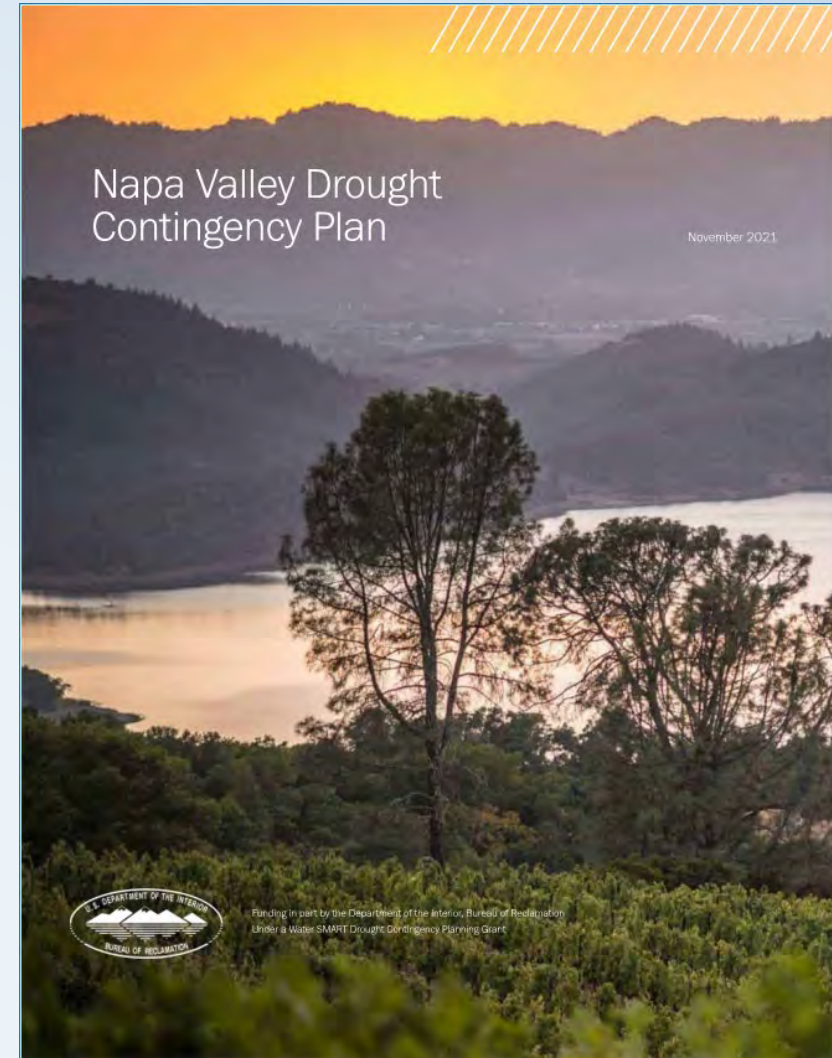
- **Drought Monitoring** – process for identifying drought
- **Vulnerability Assessment** – evaluate and assess the risks and impacts of drought
- **Mitigation Actions** – projects to built long term water supply resiliency
- **Response Actions** – projects/actions implemented during a drought to provide quick benefits
- **Operational and Administrative Framework** – who does what?
- **Plan Update Process** – process to keep DCP up to date



Overview of the Napa Valley DCP

The DCP: Addressing Regional Vulnerabilities

- Participating Agencies:
 - City of American Canyon
 - City of Calistoga
 - City of Napa
 - City of St. Helena
 - Napa County
 - Napa Sanitation District
 - Town of Yountville
- Funded in part by the U.S. Bureau of Reclamation
- Key elements:
 - Assesses vulnerability of supply sources
 - Proposes regional drought response actions and mitigation measures (i.e., projects)



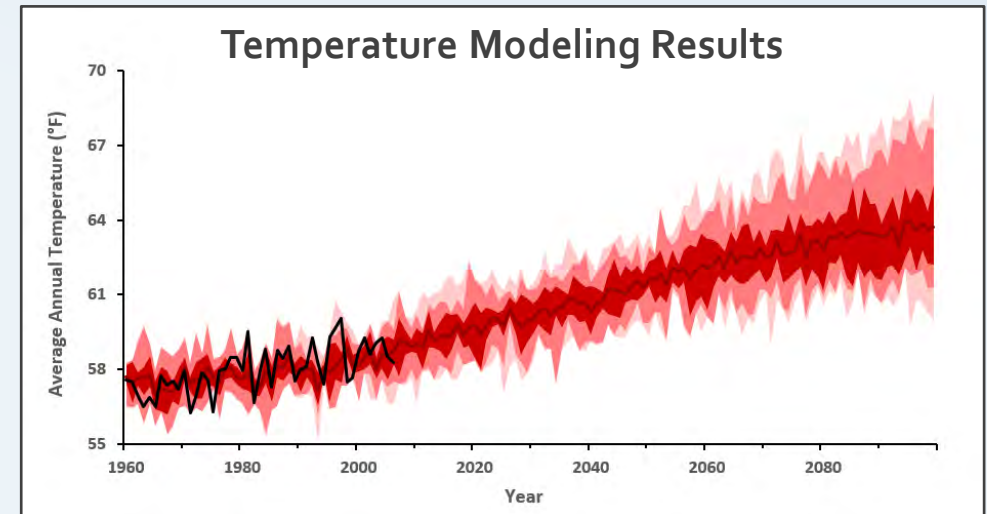
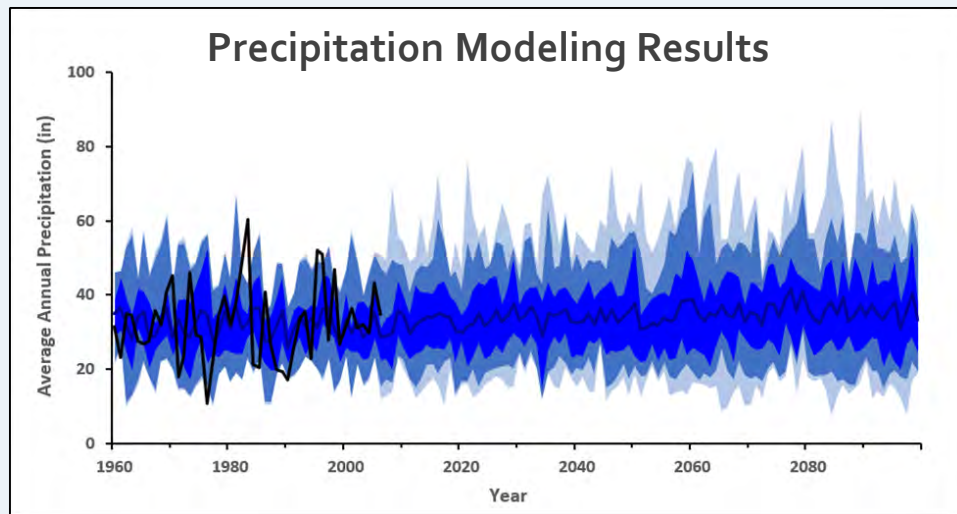
Water Supply and Demand Assessment

- Water supply and demand assessment identified a heavy reliance on limited number of supply sources
- **As a region, there is enough water supply across all year types**
 - *However, some municipalities face supply deficits during drought conditions*



Climate Change is also Considered

- High level assessment of climate change in the Napa Valley
- Climate Change is projected to make planning for water supply and demand imbalances even more challenging



Summary of Vulnerability Assessment

- There are different risks for different agencies, depending on the supply
- Each agency's level of exposure is dependent on their level of reliance on any one given supply source
- The likelihood of supply reduction is based on uncertainty factors and regional significance of each supply
- Mitigation and response actions (i.e., projects) focus on reducing consequence and/or reducing likelihood



Development of Mitigation and Response Actions

- The findings of the vulnerability assessment were critical to identify and develop potential Mitigation and Response actions (i.e., projects)
- Projects were broken out into one of two stages:
 - **Implementation Ready Projects** – well defined and physically implementable projects
 - **Planning Projects** – concept level projects or implementable studies
- DCP metrics were used to evaluate a total of 22 projects
 - List of projects included Groundwater Management, Conveyance, Storage, Treatment, and Operations type projects

Mitigation and Response Actions of Special Interest

Based on evaluation of project, DCP Task Force was interested in further examining three of the identified mitigation measures:

- **Sites Reservoir Allocation Purchase**

- Developed high level assessment of the opportunity and coordinated preliminary discussions between DCP agencies and the Sites Project Authority

- **Integrated Supply and Reservoir Operations Study**

- Identified projects that would help the region maximize and optimize the use of existing water supplies and developed concept of future study to further examine operational flexibilities and opportunities in the Napa Valley

- **Purified Water Assessment**

- Developed a high-level assessment that considers several alternatives for advancing potable reuse projects in the region and identifies areas that need to be further evaluated in a future feasibility study

Administrative and Organizational Framework

- Describes the Structure and Identifies who Implements the DCP Tasks
- Includes roles, responsibilities, and procedures necessary to:
 - Conduct drought monitoring
 - Initiate response actions, including emergency response actions
 - Initiate mitigation actions
 - Describe a process and schedule for monitoring, evaluating, and updating the DCP (generally every 5 years)
- **DCP Task Force plans on leveraging existing Water TAC to further advance plans, explore funding options, and study feasibility for the projects and programs described in this DCP**



DCP Development and Outcomes

- Detailed work plan that included a Communication and Outreach Plan
- Local Agency and Stakeholder Engagement
 - 9 DCP Task Force Meetings (includes worksession for Mitigation and Response Actions)
 - 6 Outreach Meetings (includes WICC and GSPAC presentation)
- DCP Summarized the results of the DCP Task Force's work:
 - Provided an overview of the region's water supply and demand conditions
 - Identified regional vulnerabilities to critical resources
 - Mitigation and Response Actions were evaluated and next steps for studies and projects were identified
 - A framework to support implementation of the various components of the DCP was developed

Next Steps for the DCP



- Finalize the DCP – draft document is currently being reviewed by Reclamation
- Work with the DCP Task Force to identify next potential steps for the Purified Water Assessment and Integrated Water Supply Study

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ITEM NO. 12 STATUS OF PHASE 1 RECONCILIATION AND CLOSEOUT ACTIVITIES

Action Requested

None at this time

Summary

Phase 1 projects received a \$25 million federal authorization by Congress in March 2009. USBR awarded the funds to NBWRA via two federal programs.

The first \$7.3M via the American Recovery and Reinvestment Act (ARRA). The ARRA projects and funding agreement were completed and closed out in 2012.

The remaining funds under the authorization were awarded to NBWRA via the Title XVI program between 2010 and 2021. A final Reimbursement Request Memo dated February 16, 2022, was recently submitted to USBR to officially close out the Title XVI funding agreement. The submittal included a Federal Financial Report, Final Project Report, Project Descriptions, and Maps and Photos for the 12 sub-projects that received funding which are listed below:

1. Novato South Service Area Recycled Water Project and Treatment Plant Expansion
(Las Gallinas Valley Sanitary District/Marin Municipal Water District)
2. Novato South Service Area Hamilton Field (Novato South) Phase 1a
(North Marin Water District/Las Gallinas Valley Sanitary District)
3. Novato South Service Area Hamilton Field (Novato South) Phase 1b
(North Marin Water District/Las Gallinas Valley Sanitary District)
4. Novato South Service Area Hamilton Field (Novato South) Phase 2
(North Marin Water District/Las Gallinas Valley Sanitary District)
5. Novato Central Service Area Pipeline Distribution Project and Norman Tank Project
(North Marin Water District)
6. Novato Central Service Area Recycled Water Facility Expansion
(Novato Sanitary District)
7. Novato North Service Area Recycled Water Treatment Facility Tertiary Upgrade, Pipelines, Booster Pump and Storage Tank
(North Marin Water District and Novato Sanitary District)

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8. Milliken-Sarco-Tulocay (MST) Recycled Water Pipeline Expansion, Treatment Capacity Increase, and Pump Station Modifications Project
(Napa Sanitation District)
9. Sonoma Valley Wastewater Treatment Plant Improvement Project (Pumping and Piping Upgrades)
(Sonoma Valley County Sanitation District)
10. Sonoma Valley 5th Street East Recycled Water Pipeline Project
(Sonoma Valley County Sanitation District)
11. Sonoma Valley McGill Recycled Water Pipeline Project
(Sonoma Valley County Sanitation District)
12. Napa Salt Marsh Restoration Pipeline Project
(Sonoma Valley County Sanitation District)

If the final report is approved by USBR, Sonoma Water will request the final payment for all remaining federal funds. The project would then be considered complete and the Phase 1 members can begin the final true up process.

Retention requirements for records: Please note that financial records, supporting documents, statistical records, and all other non-federal entity records pertinent to the federal award must be retained for a period of three years from the date of submission of the final expenditure report. While Sonoma Water has many of the records related to the sub-projects, all Phase 1 agencies should ensure they also retain adequate records for their own project in the event Phase 1 gets audited and we are asked to provide additional documentation.

Recommendation

None at this time.

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ITEM NO. 13 APPROVAL OF FISCAL YEAR 2021/22 BUDGET AMENDMENT**Action Requested**

That the Board approve the proposed Fiscal Year 2021/22 Budget Amendment allocating an additional \$35,000 in the Joint Use account to cover already incurred and expected future administrative costs for Sonoma Water's administrative tasks. Please note that this item was provided by Sonoma Water staff and has not been reviewed by the TAC.

Summary

The Board approved the Fiscal Year 2021/22 Budget at the April 19, 2021, meeting which included \$40,000 to replenish the funds available for Sonoma Water's administrative tasks. At the time of approval, the budget for FY2020/21 administration was overspent and the Board was informed that a portion of the approved budget would cover the existing shortfall. By 2020/21-year end, the shortfall was almost \$28,000. The result was only \$12,000 in new funding was available for 2021/22. The board item included a note that a budget amendment might be needed during the year if a new shortfall occurred.

At this time, the budget for administrative tasks is overspent by roughly \$15,000. Sonoma Water is requesting that the Board approve adding an additional \$35,000 (\$15,000 to cover the shortfall and \$20,000 for anticipated expenses through June 30, 2022). Sonoma Water recommends that the funds be pulled from accumulated interest in the account meaning no additional funding is needed from the member agencies.

Recommendation

It is recommended that the Board approve the FY2021/22 Budget Amendment.

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ITEM NO. 14 STATUS OF PHASE 2

Action Requested

None at this time. Note that the action to authorize Sonoma Water to submit a funding application to USBR on behalf of Phase 2 Participating Agencies was considered in Agenda Item No. 8.

Summary

Please refer to the Reports from the TAC, Item No. 7.a, and Agenda Item No. 8.

Recommendation

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

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ITEM NO. 15 ITEMS FOR THE NEXT AGENDA

Action Requested

None at this time.

Summary

Items for the next Agenda include regular reports, Report and Recommendations from the TAC, Phase 1 Status Report and Closeout, Phase 2 Status Report, Water Bond Status, federal infrastructure bill status.

Recommendation

None at this time.