



**SPECIAL NOTICE REGARDING
CORONAVIRUS DISEASE 2019 (COVID-19)
AND PARTICIPATION IN PUBLIC MEETINGS**

On March 4, 2020, Governor Newsom declared a State of Emergency resulting from the threat of COVID-19. On September 16, 2021, Governor Newsom signed Assembly Bill No. 361 into law. Assembly Bill No. 361 amends Government Code section 54953(e) by adding provisions for remote teleconferencing participation in meetings by members of a legislative body, without the requirements of Government Code section 54953(b)(3), subject to the existence of certain conditions. The San Bernardino Valley Municipal Water District adopted a resolution determining, by majority vote, that, as a result of the declared State of Emergency, a meeting in person would present imminent risks to the health or safety of attendees. Accordingly, it has been determined that all Board and Workshop meetings of the San Bernardino Valley Municipal Water District will be held pursuant to the Brown Act and will be conducted via teleconference. There will be no public access to the meeting venue.

REGULAR MEETING OF THE BOARD OF DIRECTORS
TUESDAY, JANUARY 18, 2022 – 2:00 P.M.

PUBLIC PARTICIPATION

Public participation is welcome and encouraged. You may participate in the January 18, 2022, meeting of the San Bernardino Valley Municipal Water District online and by telephone as follows:

Dial-in Info: (877) 853 5247 US Toll-free
Meeting ID: 684 456 030
PASSCODE: 3802020

<https://sbvmwd.zoom.us/j/684456030>

If you are unable to participate online or by telephone, you may also submit your comments and questions in writing for the District’s consideration by sending them to comments@sbvmwd.com with the subject line “Public Comment Item #” (insert the agenda item number relevant to your comment) or “Public Comment Non-Agenda Item”. Submit your written comments by 6:00 p.m. on Monday, January 17, 2022. All public comments will be provided to the President and may be read into the record or compiled as part of the record.

IMPORTANT PRIVACY NOTE: Participation in the meeting via the Zoom app is strongly encouraged. Online participants MUST log in with a Zoom account. The Zoom app is a free download. Please keep in mind: (1) This is a public meeting; as such, the virtual meeting information is published on the World Wide Web and available to everyone. (2) Should you participate remotely via telephone, your telephone number will be your “identifier” during the meeting and available to all meeting participants; there is no way to protect your privacy if you elect to call in to the meeting.



SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT
380 E. Vanderbilt Way, San Bernardino, CA 92408

REGULAR MEETING OF THE BOARD OF DIRECTORS

AGENDA

2:00 PM Tuesday, January 18, 2022

CALL TO ORDER/PLEDGE OF ALLEGIANCE/ROLL CALL

1) PUBLIC COMMENT

Any person may address the Board on matters within its jurisdiction.

2) APPROVAL OF MINUTES

2.1 January 4, 2022, Meeting (Page 4)
[BOD Minutes 010422](#)

3) PRESENTATIONS

3.1 Summary of 2021 District Accomplishments

4) DISCUSSION AND POSSIBLE ACTION ITEMS

4.1 Consider Approval of Resolution No. 1142 Adopting the Yucaipa Subbasin Groundwater Sustainability Plan as a Member of the Yucaipa Sustainable Groundwater Management Agency (Page 19)

[Staff Memo - Consider Approval of Resolution No. 1142 Adopting the Yucaipa Subbasin Groundwater Sustainability Plan as a Member of the Yucaipa Sustainable Groundwater Management Agency](#)

[Executive Summary from the Yucaipa SGMA GSP](#)

[Resolution No. 1142 - Groundwater Sustainability Plan](#)

4.2 Consider a Contract with Dudek to Prepare the 2022 Annual Report for the Yucaipa Sustainable Groundwater Management Agency (Page 40)

[Staff Memo - Consider a contract with Dudek to Prepare the 2022 Annual Report for the Yucaipa Sustainable Groundwater Management Agency](#)

[Dudek Proposal to Prepare 2022 Annual Report for the Yucaipa Subbasin](#)

- 4.3 Consider Contract with Innovative Federal Strategies for Consulting and Strategic Advocacy Services(Page 51)
[Staff Memo - Consider Contract with Innovative Federal Strategies for Consulting and Strategic Advocacy Services](#)
[IFS Consulting Services Agreement](#)
- 4.4 Consider Resolution No. 1143 Declaring District's Property APN: 016809107 Exempt Surplus Land(Page 70)
[Staff Memo - Consider Resolution No. 1143 Declaring District's Property APN: 016809107 Exempt Surplus Land](#)
[Vicinity Map for APN: 016809107](#)
[Resolution No. 1143 Declaring Districts Property APN: 016809107 Exempt Surplus Land](#)

5) REPORTS (Discussion and Possible Action)

- 5.1 State Water Project Report(Page 75)
[State Water Project Report for January 2022](#)
[Sites Passes Important Proposition 1 Milestone](#)
[Sites Status Update from Joint Reservoir Committee & Authority Board Agenda Packet.pdf](#)
[Correcting the Record on Sites Reservoir](#)
- 5.2 Directors' Report of Activities(Page 84)
[SBVMWD Director Fees and Expenses paid in December 2021](#)
[Director Botello Activity Report - December](#)
[Director Harrison Activity Report - December](#)
[Director Hayes Activity Report - December](#)
[Director Kielhold Activity Report - December](#)
[Director Longville Activity Report - December](#)
- 5.3 General Counsel Report
- 5.4 SAWPA Meeting Report
- 5.5 Operations Report(Page 91)
[Operations Report - December 2021](#)
- 5.6 Treasurer's Report(Page 97)
[Treasurer's Report - December 2021](#)

6) FUTURE BUSINESS

7) ANNOUNCEMENTS

- 7.1 List of Announcements (Page 110)
[List of Announcements 011822](#)

8) CLOSED SESSION

- 8.1 Conference with Real Property Negotiators - Pursuant to Government Code Section 54956.8
- Property APN 016809107

Agency negotiator: Heather Dyer, Wen Huang
Negotiating parties: City of Redlands - Under negotiation: Price and terms of payment.

8.2 Conference with Real Property Negotiators

Property: Southern California Edison East End Hydroelectric Generation Plants

Agency negotiator: Heather Dyer, Wen Huang

Negotiating parties: Southern California Edison Company

Under negotiation: Price and terms of payment

8.3 Conference with Legal Counsel - Existing Litigation - (Paragraph (1) of subdivision (d) of Section 54956.9) Name of case: In re BlueTriton Brands, Inc. (successor by name change to Nestle Waters North America, Inc.) on draft Cease and Desist Order, pending before State Water Resources Control Board Administrative Hearings Office

9) ADJOURNMENT

PLEASE NOTE:

Materials related to an item on this Agenda submitted to the Board after distribution of the agenda packet are available for public inspection in the District's office located at 380 E. Vanderbilt Way, San Bernardino, during normal business hours. Also, such documents are available on the District's website at www.sbvmd.com subject to staff's ability to post the documents before the meeting. The District recognizes its obligation to provide equal access to those individuals with disabilities. Please contact Melissa Zoba at (909) 387-9228 two working days prior to the meeting with any special requests for reasonable accommodation.

**MINUTES
OF
THE
REGULAR BOARD MEETING
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT**

January 4, 2022

Directors Present: Gil J. Botello, T. Milford Harrison, June Hayes, Paul R. Kielhold, and Susan Longville (3:07 p.m.).

Directors Absent: None.

Staff Present:

Heather Dyer, MS, MBA – Chief Executive Officer/General Manager
 Joanna Gibson, MS – Executive Director Upper SAR Habitat Conservation Program
 Wen Huang -- Deputy General Manager/Chief Engineer
 Jose Macedo, ML, CPT-P (USA Retired) – Chief of Staff/Clerk of the Board
 Cindy Saks, CPA – Deputy General Manager/Chief Financial Officer
 Bob Tincher, PE, MS – Deputy General Manager/Chief Water Resources Officer
 Melissa Zoba, MBA, MPA – Chief Information Officer

Dan Borrell – Manager of Geospatial Services
 Kristeen Farlow, MPA – Strategic Communications Manager
 Adekunle Ojo, MPA – Water Resources Manager
 Kai Palenscar, Ph.D. – Environmental Compliance Program Manager

Scott Heil, Varner & Brandt, District Counsel

Members of the Public in Attendance:

Benjamin Kelly, Western Heights Water Company
 Brian Dickinson, City of Colton
 Ron Coats, East Valley Water District
 Kelly Malloy, East Valley Water District
 Melody McDonald, San Bernardino Valley Water Conservation District
 David E. Raley, San Bernardino Valley Water Conservation District
 Doug Brown, Stradling Yocca Carlson & Rauth
 Jonathan Guz, Stradling Yocca Carlson & Rauth
 Joseph Zoba, Yucaipa Valley Water District
 Nyles O’Harra, Yucaipa Valley Water District
 Lonni Granlund, Yucaipa Valley Water District
 Joyce McIntire, Yucaipa Valley Water District
 Madeline Blua, Yucaipa Valley Water District
 Jennifer Ares, Yucaipa Valley Water District

Josh Swift, Fontana Water Company
 Tarlan Alikhanzadeh, Fieldman, Rolapp & Associates
 Lora Carpenter, Fieldman, Rolapp & Associates
 Larry Smith

The regular meeting of the Board of Directors was called to order by President Kielhold at 2:00 p.m. Vice President Hayes led the Pledge of Allegiance. A quorum was noted present by roll call.

All actions taken by the Board at the meeting will be conducted by a roll-call vote.

Agenda Item 1. Public Comment

President Kielhold stated that any member of the public wishing to make any comments to the Board may do so. There was no public comment.

Audience attendance will be recorded in the minutes based on registration information generated in the teleconference or by stating their name during this time.

Agenda Item 2. Approval of Minutes of the December 7, 2021 Board meeting.

The minutes of the December 7, 2021 Regular Board meeting were approved by the following roll-call vote:

MOVED: Botello	SECONDED: Harrison	APPROVED: 4-0
AYES:	Botello, Harrison, Hayes, Kielhold	
NOES:	None	
ABSTAIN:	None	
ABSENT:	Longville	

Agenda Item 3. Discussion and Possible Action Items

3.1) Consider Agreement for Untreated State Water Project Deliveries to Fontana Water Company Chief Executive Officer/General Manager Heather Dyer presented the proposed agreement to facilitate delivery of State Water Project (SWP) water to Fontana Water Company (FWC) to serve the demands of Valley District customers. The arrangement was developed, she said, between FWC and the District and is consistent with the terms of the 2019 Settlement Agreement, the State Water Contract, and Valley District's Resolution 888.

Since the 2019 settlement, she explained, Valley District has delivered 3,650 acre-feet per year (AFY) via groundwater extraction from the Lytle Creek Basin. To improve the

reliability of water deliveries, FWC requested to purchase State Project Water (SPW) as allowable through the Fontana settlement and Resolution 888.

A rate of sale consistent with constraints and opportunities was developed, Ms. Dyer stated. Fontana will pay an initial rate of \$457.80 per acre-foot (af) for SPW delivered to Valley District customers within Fontana’s service area. This is in accordance with Valley District Resolution 888 as a special contractual agreement under Section 4.04, Subpart D and subject to an increase each calendar year indexed to the percentage increases in Metropolitan Water District’s (MWD) Tier 1 untreated SWP rate, Dyer continued. The maximum amount of SPW delivered by Valley District to Fontana at this rate is 3,650 acre-feet per year. Based on availability, projected proceeds for the sale would be an additional \$1.4 million in 2022. FWC will be able to buy extra water from Valley District but it would be sold at the higher out-of-district rate and based on availability, Ms. Dyer stressed.

District Special Counsel Meredith Nikkel developed the Agreement jointly with FWC counsel and it has been approved and countersigned by FWC, Dyer stated.

Josh Swift of the Fontana Water Company thanked the Board for this opportunity, and Ms. Dyer and Deputy General Manager/Chief Engineer Wen Huang for their complex work on this great outcome.

The Board of Directors authorized the CEO/General Manager to execute the Agreement for untreated State Water Project deliveries to Fontana Water Company by the following roll-call vote:

MOVED: Botello	SECONDED: Hayes	APPROVED: 4-0
AYES:	Botello, Harrison, Hayes, Kielhold	
NOES:	None	
ABSTAIN:	None	
ABSENT:	Longville	

3.2) Consider Third Amendment to the Reimbursement Agreement with East Valley Water District for Construction of Facilities Included in the Regional Recycled Water System. Chief Executive Officer/General Manager Heather Dyer reminded the Board the original reimbursement agreement was put in place to construct regional recycled water facilities intended to recharge groundwater using treated wastewater. Today’s amendment, she said, concerns construction of Weaver Basins and the Regional Recycled Water Pipeline (RRWP) for conveyance to Weaver.

Ms. Dyer gave a brief overview of the larger project including connections to the City of San Bernardino’s wastewater treatment plant to bring water up into the Weaver Basins, project milestones, and amendments.

The Amendment No. 3 cost totals \$37,650,000, of which \$3,350,000 is a contingency cost controlled by Valley District, she reported. It is an important part of Valley District's climate resilience strategy, as recycled water is the most drought-proof local supply, she added. This also supports Valley District's Local Resource Investment Program (LRIP) in which capital improvements are incentivized for retail agencies to create recycled water.

The cost is partly included in the approved FY 2021-22 General Fund budget, Ms. Dyer continued. The balance of the cost will be included in the FY 2022-23 General Fund budget for consideration by the Board. Calculations for the facilities cost of that water over the next 50 years (the expected service life of the facilities) is about \$110 per af, she explained, which is still a good value for a reliable, drought-proof, climate resilient water source.

East Valley Water District (EVWD) would construct the Weaver Basins and the RRWP, Ms. Dyer explained. The RRWP would connect to the San Bernardino Treatment System and the Sterling Natural Resources Center.

This amendment, Ms. Dyer continued, had been reviewed by the Regional Recycled Water ad hoc committee on November 8, 2021, discussed at Board workshops on November 18, 2021, and December 14, 2021, and was recommended to be forwarded to the full Board for consideration.

Ms. Dyer commented that this project has come a long way from its beginnings in 2015 where there were competing recycled water projects and individual recharge facilities. Valley District has turned those into a regional effort, building the facilities, receiving recycled water from multiple agencies, and putting it in the ground, bringing long-term value to the region as a reliable groundwater supply.

Vice President Hayes indicated support for the project but expressed concern regarding increasing costs.

Vice President Hayes stated, though she has never been in support of progressive design-build without a maximum cost, she believed the project should go forward. She stated she would vote against it on principle, but indicated support for the project, Sterling Natural Resource Center, and groundwater.

Director Harrison opined the project is essential and is a step forward to provide water needed by District customers. He pointed out that Valley District is supplying \$59 million but EVWD is providing \$200 million. Valley District is enhancing the project by making sure the product goes underground into the Basin as sustainable water and not down the Santa Ana River as originally thought, he asserted. This is where a majority of effort should be focused, he added.

Director Botello shared that his previous questions have been satisfactorily addressed and that this innovative project meets Valley District's original intent of providing safe, plentiful water. He added that, upon joining the Board, one of his priorities was to provide water infrastructure for conveyance throughout the valley and this meets that priority.

Director Botello reminded the Board that it would be prudent and advantageous for the Board to meet with the EVWD Board to work out such details as pipeline maintenance after its completion.

In response to President Kielhold, Deputy General Manager/Chief Engineer Wen Huang advised that there will be close to \$2 million remaining in the budget related to the Amendment No. 2 due to the pipeline to Redlands not being constructed.

President Kielhold pointed out that several reimbursement agreements in the LRIP program predate his service on the Board and that many previous projects may not have been done per preferences of the current Board. He opined that it is the completion of the project that accomplishes Valley District's goal, not how a project is started. The Weaver Basins are a goal of Valley District that would be worthwhile regardless of the involvement of another district, and pipelines are a necessary part of that, he stated

The Board of Directors authorized the CEO / General Manager to execute the Third Amendment to the Reimbursement Agreement with East Valley Water District by the following roll-call vote:

MOVED: Harrison	SECONDED: Botello	APPROVED: 3-1
AYES:	Botello, Harrison, Kielhold	
NOES:	Hayes	
ABSTAIN:	None	
ABSENT:	Longville	

3.3 Consider Resolution No. 1141 Creating a Joint Powers Authority in Cooperation with the Yucaipa Valley Water District. Chief Executive Officer/General Manager Heather Dyer reminded the Board of the discussion at the December 14, 2021 Engineering workshop She explained that Yucaipa Valley Water District (YVWD) has requested that Valley District consider forming a joint powers authority (JPA) that would form the YVWD Financing Authority. The JPA would enable the YVWD to refinance its outstanding loans for capital infrastructure into a single combined debt with better terms. It also better positions YVWD to take advantage of new funding opportunities such as the Environmental Protection Agency (EPA) Water Infrastructure Finance and Innovation Act (WIFIA) program in progress, she added.

The JPA agreement, she said, would assign all debt, repayment and risk including the debt liability and risk associated with the infrastructure they build solely to the YVWD.

Ms. Dyer advised that at the December workshop, the Board made several requests which have been incorporated:

1. That Valley District have three directors to serve on the JPA Board to facilitate differing viewpoints
2. Language clarifying and strengthening that the JPA can only be amended if both agency boards approve it; the JPA Board alone cannot change the agreement

There is no financial obligation by Valley District for participating, Ms. Dyer asserted. Valley District's real interest lies in helping one of its retail agencies to secure better financing terms to reduce the cost to customers and to be better positioned to build future infrastructure bringing value to the whole region and watershed program.

Resolution No. 1141 authorizing the execution and delivery of a Joint Exercise of Powers Agreement to create the Yucaipa Valley Water District (YVWD) Financing Authority, a Joint Powers Authority was adopted by the following roll-call vote:

MOVED: Hayes	SECONDED: Harrison	APPROVED: 4-0
AYES:	Botello, Harrison, Hayes, Kielhold	
NOES:	None	
ABSTAIN:	None	
ABSENT:	Longville	

RESOLUTION NO. 1141

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE
SAN BERNARDINO VALLEY MUNICIPAL WATER
DISTRICT AUTHORIZING THE EXECUTION AND
DELIVERY OF A JOINT EXERCISE OF POWERS
AGREEMENT TO CREATE THE YUCAIPA VALLEY
WATER DISTRICT FINANCING AUTHORITY AND
AUTHORIZING CERTAIN OTHER MATTERS IN
CONNECTION THEREWITH**

(See Resolution Book)

3.4 Consider Authorizing an Agreement with AECOM for a Tunneling Feasibility Study for Foothill Pipeline Crossing at City Creek Project. Chief Executive Officer/General Manager Heather Dyer pointed to the eroding City Creek Channel in the City of Highland where the 78-inch Foothill Pipeline crosses approximately 10 inches underneath. Emergency repairs have been made, most recently in 2011, to prevent further exposure by major storm events. She described the risk due to the lowering of the

creek bed over time. Analysis indicates potential scouring depths of 25 to 80 feet, she cautioned. Although the U.S. Army Corps of Engineers is planning some mitigation, staff believes this work cannot wait for their action.

A Request for Proposal (RFP) was released for the feasibility study of constructing a new 700-foot-long tunnel approximately 70 to 100 feet deep to replace the exposed pipe segment and protect it for the long term. Dyer reported that AECOM's proposal with a fee of \$435,000 was selected as the best with the lowest cost.

President Kielhold disclosed that he contacted the references given in AECOM's proposal.

The Board of Directors authorized the CEO/General Manager to execute a professional services agreement with AECOM in the amount of \$435,000 to complete a Tunneling Feasibility Study for Foothill Pipeline Crossing at City Creek Project by the following roll-call vote:

MOVED: Botello	SECONDED: Hayes	APPROVED: 4-0
AYES:	Botello, Harrison, Hayes, Kielhold	
NOES:	None	
ABSTAIN:	None	
ABSENT:	Longville	

3.5 Consider ICF Contract Amendment for Upper SAR Habitat Conservation Plan.

Chief Executive Officer/General Manager Heather Dyer reminded the Board that the Upper Santa Ana River Habitat Conservation Plan (USARHCP) is a collaborative effort by 11 local water agencies to permit all water infrastructure projects over the next 50 years. It is a comprehensive environmental compliance program, covering about 22 different species, she said, and named several of its 100 projects.

This would be the 14th amendment to the ICF USARHCP contract, Ms. Dyer explained. She summarized the prior amendments which address interdependent activities including design for all mitigation requirements, habitat conservation planning, and aquatic resources permitting. Amendment No. 14 should facilitate completion of the project, she said.

The budget augmentation requested is \$199,973 to be used for response to the comments received on the Draft Environmental Impact Report (DEIR), to make necessary changes based on the comments to finalize the HCP document, and to complete a National Environmental Policy Act (NEPA) document required by the US Fish and Wildlife Service (USFWS) for issuance of the incidental take permit.

The total HCP planning cost, she said, is about \$3.3 million, which appears to fall at the lower end of the cost range for a plan of this size and complexity. She noted that the

agencies' cost will be \$2.7 million after application of the \$635,345 grant from the USFWS received in 2015. Ms. Dyer recalled that Executive Director Upper SAR Habitat Conservation Program Joanna Gibson had noted that, in sum, including all grant money received there is about six million additional for implementation or mitigation costs.

In total, Ms. Dyer opined, this is forward-thinking and strategic plan in its implementation to enable partners to build projects.

The fiscal impact, Dyer continued, is \$199,973. Valley District's portion is \$79,989 (40 percent) with \$119,984 shared among the other ten HCP partners. It is included in the FY 2021/2022 budget, she noted.

Ms. Dyer replied to Director Harrison that the agency must respond to several California Environmental Quality Act (CEQA) comment letters and changes to the HCP are based on the responses received from the agencies.

The Board of Directors authorized the CEO / General Manager to execute an amendment to the existing ICF Jones & Stokes contract in the amount of \$199,972.85 for additional work necessary to complete the Upper Santa Ana River Habitat Conservation Plan documents by the following roll-call vote:

MOVED: Botello	SECONDED: Harrison	APPROVED: 4-0
AYES:	Botello, Harrison, Hayes, Kielhold	
NOES:	None	
ABSTAIN:	None	
ABSENT:	Longville	

3.6 Consider a Consulting Agreement with Scheevel Engineering to Design and Construct Native Fish Habitat Enhancement Structures in the Santa Ana River.

Chief Executive Officer/General Manager Heather Dyer described the project and explained that there is opportunity to enhance habitat by increasing the velocity of water around the structures and scouring out the sand to expose gravel and cobble where the Santa Ana Sucker spawns and feeds.

Ms. Dyer reminded the Board that the reason for building the habitat is due to the proposal to reduce the year-round base flow of the Santa Ana River by about 30 percent through the recycled water projects. In order to get projects approved and permitted (due to the presence of endangered fish) mitigation measures are needed to create more habitat with less water. She described the project and indicated the timeline is for Fall 2022 after the endangered bird season. Valley District is functioning as lead agency for these projects, but costs will be passed on to EVWD as part of their mitigation costs for the SNRC.

The financial impacts of planning, design construction, and monitoring of the nodes will total \$267,200, Ms. Dyer advised. Also requested is direction to proceed with

environmental permit application fees, encroachment fees, and the CEQA completion at about \$10,000, she said.

The Board of Directors authorized the CEO / General Manager to execute an agreement with Scheevel Engineering in the amount of \$267,200 and to execute and submit the required environmental and encroachment permit applications necessary to complete the project by the following roll-call vote:

MOVED: Hayes	SECONDED: Botello	APPROVED: 4-0
AYES:	Botello, Harrison, Hayes, Kielhold	
NOES:	None	
ABSTAIN:	None	
ABSENT:	Longville	

3.7 Consider Entering Into a Professional Consulting Services Agreement for the Redistricting of Division Boundaries. Chief Executive Officer/General Manager Heather Dyer reminded the Board of the requirement to examine the populations within division boundaries in relation to the 2020 U.S. Census. On November 5, 2021, staff released an RFP for redistricting services and at the December 14th Engineering Workshop staff presented the two proposals received.

Staff recommends Redistricting Insights (RI) for a total cost of \$30,000 based on their experience, team size, interview performance, and cost, Ms. Dyer reported.

Analysis would begin immediately upon approval with the first public hearing, "Introduction to the Redistricting Process," at the January 11, 2022 Engineering Workshop. Redistricting submittals are due to the County Registrar of Voters by April 17, 2022, she emphasized. RI has assured that the timing constraints can be met, she noted.

Director Harrison inquired about composing of draft maps prior to RI's discussion with Board members. Ms. Dyer explained that RI's recommendation is to have two public hearings as workshop discussions with Director participation, one to happen immediately due to time constraints, then preparation of draft maps, followed by another consultation with the Board, then a second public hearing where draft maps are publicly discussed.

Chief Information Officer Melissa Zoba confirmed and added that a third hearing would be held to finalize the maps.

Vice President Hayes opined that she likes the idea of hearing from the public first as it decreases the possibility of directors being accused of adapting maps to their advantage.

Director Botello agreed with Director Hayes that everything should be transparent. He said he was uncomfortable with the consultant having individual conversations with Board members. He noted that staff did not recommend any optional services as part of the professional consulting services agreement and supported moving forward.

The Board of Directors authorized the CEO / General Manager to execute a consulting services agreement with Redistricting Insights in the amount of \$30,000 for the redistricting of Division boundaries by the following roll-call vote:

MOVED: Hayes	SECONDED: Botello	APPROVED: 4-0
AYES:	Botello, Harrison, Hayes, Kielhold	
NOES:	None	
ABSTAIN:	None	
ABSENT:	Longville	

3.8 Consider Amendment No. 2 with Water Systems Consulting, Inc., for the Strategic Communications and Engagement Plan. Chief Executive Officer/General Manager Heather Dyer reminded the Board of consideration of several levels of branding effort and the direction for brand revive. The effort would include five staff work sessions and five Board workshops over approximately six months. A full rebrand can be considered if later desired, she noted.

Ms. Dyer reviewed the project and deliverable “Brand Guidebook” for a cost of \$60,440. This is a big step, and should be long-lasting, Dyer noted. The District’s legal team is still investigating the complexities, requirements, and constraints of a name change, and answer should be available for the first workshop, she advised.

In response to Director Harrison, Ms. Dyer reported that legal counsel has advised that at this time, it is not possible to change the District’s name; however, staff is double-checking.

Director Botello asked if this amount is in addition to that previously approved. Ms. Dyer said it incorporates the previous \$9,000 for the brand refresh level. Director Botello indicated preference to hold the workshops in person, but noted the limitations given COVID-19, and suggested postponing the activity.

The Board of Directors authorized the CEO / General Manager to execute Amendment No. 2 to the Strategic Communications and

Engagement Plan Agreement with Water Systems Consulting, Inc., in the amount of \$64,440 for the completion of a District brand update by the following roll-call vote:

MOVED: Harrison	SECONDED: Hayes	APPROVED: 4-0
AYES:	Botello, Harrison, Hayes, Kielhold,	
NOES:	None	
ABSTAIN:	None	
ABSENT:	Longville	

3.9 Consider Revised Organization Chart and Salary Schedule, January 2022.

CEO/General Manager Heather Dyer explained the recommendations of staff regarding addition of one Lead Water Systems Operator and to begin recruitment immediately for the position along with the previously approved Principal Engineer position. The fiscal impact is \$345,000 per year inclusive of salary and benefits.

She emphasized the needed assistance for Mr. Huang, given the tremendous amount of work coming due to the WIFIA program and infrastructure to be built. The additional assistance in the Operations Department is part of the succession planning effort, she noted, and the new hire will work with the new human resources staff member regarding the safety and risk management program.

Director Harrison asked about contracting with the San Bernardino Valley Conservation District for maintenance of the basins; Ms. Dyer assured that it has been discussed and will be examined in the long term.

The Board of Directors approved the proposed organizational chart and salary schedule which includes one additional Lead Water Systems Operator position, and directed staff to begin recruitment immediately for this position along with the previously approved Principal Engineer position by the following roll-call vote:

MOVED: Botello	SECONDED: Hayes	APPROVED: 4-0
AYES:	Botello, Harrison, Hayes, Kielhold	
NOES:	None	
ABSTAIN:	None	
ABSENT:	Longville	

Director Longville joined the meeting at 3:07 p.m.

3.10 Consider Resolution No. 1140 authorizing the San Bernardino Valley Municipal Water District to conduct remote meetings for the period January 4, 2022, through February 2, 2022.

MOVED: Harrison	SECONDED: Hayes	APPROVED: 5-0
AYES:	Botello, Harrison, Hayes, Kielhold, Longville	
NOES:	None	
ABSTAIN:	None	
ABSENT:	None	

Resolution No. 1140

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT PROCLAIMING A LOCAL EMERGENCY, RATIFYING THE PROCLAMATION OF A STATE OF EMERGENCY BY GOVERNOR GAVIN NEWSOM ON MARCH 4, 2020, AND AUTHORIZING REMOTE TELECONFERENCE MEETINGS OF THE LEGISLATIVE BODIES OF SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT FOR THE PERIOD JANUARY 4, 2022, THROUGH FEBRUARY 2, 2022, PURSUANT TO BROWN ACT PROVISIONS.

(See Resolution Book)

Agenda Item 4. REPORTS (Discussion and Possible Action Items)

4.1 General Counsel Report: None.

4.2 SAWPA Meeting Report. Vice President Hayes reported on the following items at the December 21, 2021 Santa Ana Watershed Project Authority Commission meeting:

The Commission received the following reports:

- Fiscal Year 2020-2021 Audit report
- Update on cloud seeding

The January 4, 2022 Santa Ana Watershed Project Authority Commission meeting was canceled.

4.3 Board of Directors' Workshop - Policy - December 9, 2021. No oral report was given as a written report was included in the Board packet. The report was received without changes.

MOVED: Hayes	SECONDED: Botello	APPROVED: 5-0
AYES:	Botello, Harrison, Hayes, Kielhold, Longville	
NOES:	None	
ABSTAIN:	None	
ABSENT:	None	

4.4 Board of Directors' Workshop - Engineering - December 14, 2021. No oral report was given as a written report was included in the Board packet. The report was received without changes.

MOVED: Hayes	SECONDED: Kielhold	APPROVED: 5-0
AYES:	Botello, Harrison, Hayes, Kielhold, Longville	
NOES:	None	
ABSTAIN:	None	
ABSENT:	None	

4.5 Board of Directors' Workshop - Resources - December 16, 2021. No oral report was given as a written report was included in the Board packet. The report was received without changes.

MOVED: Longville	SECONDED: Kielhold	APPROVED: 5-0
AYES:	Botello, Harrison, Hayes, Kielhold, Longville	
NOES:	None	
ABSTAIN:	None	
ABSENT:	None	

4.6 Treasurer's Report.

The Board approved the following expenses for the month of November 2021: The State Water Contract Fund \$2,407,114.34, Devil Canyon / Castaic Fund \$104,811.00, and General Fund \$2,513,234.18 by the following roll-call vote:

MOVED: Harrison	SECONDED: Hayes	APPROVED: 5-0
AYES:	Botello, Harrison, Hayes, Kielhold, Longville	
NOES:	None	
ABSTAIN:	None	
ABSENT:	None	

4.7 Directors' Report of Activities.

Director Botello reported that he attended:

- Dec. 17 – Climate Center webinar

Director Harrison reported that he attended:

- Dec. 8 – San Bernardino Valley Water Conservation District
- Dec. 13 – Association of San Bernardino County Special Districts
- Dec. 15 – WIFIA meeting

Director Longville reported that she attended:

- Dec. 8 – Administrative Hearing Officers meeting over Strawberry Creek
- Dec. 10 – Infrastructure Funding Alliance Board

Vice President Hayes reported that she attended:

- West Valley Water District meeting
- Webinar on cloud seeding by Zev Leven – Karlsruhe Institute of Technology

President Kielhold reported no activities.

Agenda Item 5. Future Business.

Vice President Hayes requested an update on the next step on the Strategic Plan. Ms. Dyer advised there is a workshop scheduled for February 23 regarding strategic goals and action plan development.

Agenda Item 6. Announcements. None.

Agenda Item 7. Closed Session. District Counsel Scott Heil introduced the Closed Session items. President Kielhold adjourned the meeting to Closed Session at 3:21 p.m.

7.1 Conference with Real Property Negotiators

Pursuant to Government Code Section 54956.8

Property APNs 0140-143-47, 0140-143-05, 0140-143-04, 0140-143-52, 0140-143-41 and 0140-143-55

Agency negotiator: Heather Dyer, Wen Huang

Negotiating parties: Mandeep Mann
 Under negotiation: Price and terms of payment

7.2 Conference with Real Property Negotiators

Pursuant to Government Code Section 54956.8
 Property APNs 0140-143-47, 0140-143-05, 0140-143-04, 0140-143-52, 0140-143-41 and 0140-143-55
 Agency negotiator: Heather Dyer, Wen Huang
 Negotiating parties: Elrada LLC
 Under negotiation: Price and terms of payment

President Kielhold returned the meeting to Open Session at 3:46 p.m. District Counsel Scott Heil reported that direction was given to negotiators and there was no reportable action taken.

Agenda Item 8. Adjournment.

The meeting was adjourned at 3:49 p.m. by the following roll-call vote:

MOVED: Hayes	SECONDED: Botello	APPROVED: 5-0
AYES:	Botello, Harrison, Hayes, Kielhold, Longville	
NOES:	None	
ABSTAIN:	None	
ABSENT:	None	

<p>APPROVAL CERTIFICATION I hereby certify to approval of the foregoing Minutes of San Bernardino Valley Municipal Water District.</p> <p>_____</p> <p>Secretary</p> <p>Date _____</p>

Respectfully submitted,

Lynda J. Kerney
 Contract Assistant



DATE: January 18, 2022

TO: Board of Directors

FROM: Heather Dyer, CEO/General Manager
Matthew Howard, Water Resources Senior Planner

SUBJECT: Consider Approval of Resolution No. 1142 Adopting the Yucaipa Subbasin Groundwater Sustainability Plan as a Member of the Yucaipa Sustainable Groundwater Management Agency

Staff Recommendation:

Staff recommends the Board approve Resolution No. 1142 supporting the adoption of the Yucaipa Subbasin Groundwater Sustainability Plan (GSP) as a Member of the Yucaipa Sustainable Groundwater Management Agency (Yucaipa SGMA).

Summary

This item was discussed at the Engineering Workshop on January 11, 2022. Those Board members in attendance asked that it be placed on a future Board of Directors agenda for consideration. Staff is recommending that the Board consider the GSP for the Yucaipa Subbasin, which is due to the Department of Water Resources (DWR) by January 31, 2022; the Yucaipa SGMA Board of Directors adoption hearing is scheduled for January 26, 2022. The GSP was developed by the Yucaipa SGMA over the past three years and includes the development of a groundwater flow model by the United States Geological Survey, sustainable management actions, infiltration studies at 11 locations throughout the Yucaipa Subbasin, dedicated data management system, and a roadmap to maintain sustainability.

The Executive Summary is attached, which includes information pertinent to the Valley District Board's consideration. The full GSP is available for review on the Yucaipa SGMA website at <https://yucaipasgma.org>.

Background

The Sustainable Groundwater Management Act (SGMA) went into effect on January 1, 2015 by identifying and prioritizing groundwater basins throughout the State of California as medium, high, and critically over drafted. SGMA calculated the priority of groundwater basins by metrics such as public supply well density, reliance on groundwater, and population growth. For each of these classified and basins, a Groundwater Sustainability Agency is required to be established and to prepare a GSP. The Yucaipa Subbasin is only subbasin that is classified as high priority by SGMA within the Valley District service area.

On June 22, 2017, Valley District joined the City of Redlands, San Geronio Pass Water Agency, South Mesa Water Company, South Mountain Water Company, Western Heights Water Company, the City of Yucaipa and the Yucaipa Valley Water District to form the Yucaipa SGMA. Further, the Yucaipa SGMA is required to submit a GSP by January 31, 2022.

Even before SGMA was enacted, Valley District was working collaboratively with the water agencies and San Bernardino County to develop a groundwater management plan, now referred to as a GSP under SGMA, for the Yucaipa Subbasin. The following work has been completed, or is currently in progress, that will benefit the GSP:

- Determination of the safe yield and basin capacity (2013)
- Calculation of the change in groundwater storage and identification of potential groundwater recharge sites (2014)
- Preliminary field evaluation of recharge potential using exploratory borings (2014)
- Field recharge testing (2018)
- Modeling to calculate the total volume in storage for the Yucaipa Basin and Subbasins (Geoscience, 2021)
- Development of Data Management System (Dudek, 2021)
- Development of a groundwater flow model for the Yucaipa Subbasin area (USGS, 2021, nearing completion), funded by DWR and Valley District

The GSP establishes the Management Actions to be implemented by the Yucaipa SGMA to maintain sustainability for the Yucaipa Subbasin to be in effect at the adoption of the GSP scheduled for January 26, 2022. The GSP will be submitted to DWR by January 31, 2022.

The Yucaipa SGMA held two community engagement meetings to actively facilitate discussions and comments from the public. The first community engagement meeting was held via Zoom on

April 28, 2021. The second was held at the Yucaipa Performing Arts Center on November 16, 2021. Both community engagement meetings were successful in receiving comments and feedback from the public on the draft GSP. The public comment period from November 3, 2021 to December 3, 2021 provided the public and interested stakeholders the opportunity to comment on the Draft GSP all comments that were received during the public comment period have been addressed in the Draft GSP.

Fiscal Impact:

There is no fiscal impact associated with this item for your consideration today.

Attachments:

Executive Summary from the Yucaipa SGMA GSP

Resolution No. 1142 – Groundwater Sustainability Plan

Executive Summary

ES-1 Introduction

The Yucaipa Groundwater Sustainability Agency (GSA), acting as the GSA for the Yucaipa Subbasin (Plan Area, Subbasin), developed this Groundwater Sustainability Plan (GSP) in compliance with the 2014 Sustainable Groundwater Management Act (SGMA) (California Water Code Section 10720–10737.8, et seq.) and the California Department of Water Resources (DWR) GSP Regulations (23 CCR, Section 350 et seq.). The Yucaipa Subbasin lies within the Upper Santa Ana River Basin Hydrologic Region (DWR basin number 8-002.07) and underlies an area of approximately 25,300 acres under portions of the cities of Calimesa, Redlands, and Yucaipa, as well as unincorporated San Bernardino and Riverside Counties.

DWR designated the Yucaipa Subbasin a high priority basin based primarily on its reliance on groundwater for water supply. However, this Subbasin is not in a state of critical overdraft. Under SGMA, GSAs “have the responsibility for adopting a Plan that defines the basin setting and establishes criteria that will maintain or achieve sustainable groundwater management” (California Water Code, Section 350.4[e]). The requirement of the GSP is to maintain or achieve sustainable groundwater management in the Yucaipa Subbasin by 2042.

Nine local agencies entered into a Memorandum of Agreement (MOA) in 2017 to form the Yucaipa GSA. The local agencies included South Mesa Water Company, South Mountain Water Company, Western Heights Water Company, and Yucaipa Valley Water District, collectively referred to herein as the “Water Purveyors”; the Cities of Calimesa, Redlands, and Yucaipa, collectively referred to herein as the “Municipalities”; and San Bernardino Valley Municipal Water District and San Geronimo Pass Water Agency, collectively referred to herein as the “Regionals.” The County of Riverside and the County of San Bernardino, collectively referred to as the “Counties,” are stakeholders. The City of Calimesa submitted a written Notice of Withdrawal dated November 19, 2018, and the Yucaipa GSA subsequently acknowledged the withdrawal of the City of Calimesa from the Yucaipa GSA at the January 23, 2019, GSA Board meeting. The City of Calimesa is now considered a stakeholder in the Plan Area.

A number of water resources monitoring and management programs have been implemented throughout the Plan Area by several Yucaipa GSA member agencies and stakeholders seeking to maintain and/or enhance water resources management in the region, and to comply with state and federal laws applicable to water supply, water quality, watershed health and/or wildlife habitat. These programs will be integral in the sustainable management of groundwater in the Plan Area.

The Southern California Association of Governments (SCAG) maintains a land use dataset that combines regional data from general plans, specific plans, zoning codes, and existing land use. The SCAG dataset includes land use designations for the Plan Area and San Timoteo Wash Watershed for years 1990, 1993, 2001, 2005, 2012 and 2016. The predominant land use types in the Plan Area from 1990 to 2016 include Vacant and Undeveloped or Protected Land and Single Family Residential, which combined, made up 82% of the Plan Area in 1990 and 70% of the Plan Area in 2016. The primary land use changes within the Plan Area from 1990 to 2016 include a decrease in Vacant and Undeveloped or Protected Land (19% decrease) and an increase in Single Family Residential (10% increase) and Open Space and Recreation (7% increase). Rural Residential, Facilities, and to a lesser extent, Commercial, Office, and Industrial, and Multi-Family Residential have increased since 1990, while Agriculture land use has decreased.

Water resources utilized in the Plan Area include local groundwater produced from the principal aquifer in the Yucaipa Subbasin, imported State Water Project (SWP) water from the San Bernardino Valley Municipal Water District and San Gorgonia Pass Water Agency, surface water diverted from Oak Glen Creek, recycled water from the Henry N. Wochholz Regional Water Reclamation Facility (WRWRF), and captured stormwater at the Oak Glen Creek spreading basins (and Wilson Creek basins during significant runoff events). Beneficial uses of groundwater include municipal and domestic supply, industrial and commercial, agricultural and environmental uses. YVWD diverts surface water from Oak Glen Creek and Birch Creek to the Oak Glen Filtration Plant (OGFP) located in the Oak Glen subbasin. Recycled water produced from the WRWRF is served to YVWD customers via the recycled water distribution system for irrigation purposes only, or discharged to San Timoteo Creek at a point upstream of the Yucaipa Subbasin.

Land use in the Yucaipa Subbasin in 2016 was 42% residential (single-family, rural, and multi-family), 8% facilities and commercial/industrial, 8% open space and recreational, 7% agricultural, and the remaining 35% vacant and undeveloped land. The 2015 RUWMP noted that approximately 96% of the water served by YVWD is for residential use. Approximately 2.4% is for commercial, institutional and industrial use, with another 1.4% used for irrigation purposes. Groundwater dependent ecosystems (GDEs) are the primary environmental users of groundwater in the Subbasin. The discharge of recycled water to San Timoteo Creek helps sustain the GDEs downstream of the WRWRF outfall. GDEs located in the upper elevations in the Oak Glen subarea and in the lower region of the Live Oak subarea are currently considered to be dependent on shallow groundwater.

ES-2 Basin Setting

The Yucaipa Subbasin (DWR Basin Number 8-2.07) comprises an eastern portion of the Upper Santa Ana Valley Groundwater Basin. The Subbasin is bounded to the north and northeast by the San Andreas Fault Zone and the San Bernardino Mountains, to the east by the Yucaipa Hills, to the south by San Timoteo Wash and the San Timoteo Badlands, and to the west by the Crafton Hills and the San Bernardino Basin Area. The Yucaipa Subbasin is overlain by the Yucaipa plain, a gently sloping area of unconsolidated deposits of late Pleistocene and Holocene sediments originating from the surrounding mountains and hills. The Yucaipa Subbasin ranges in elevation from 1,300 feet above NAVD88 to approximately 5,100 feet above NAVD88.

The bottom of the Yucaipa Subbasin consists of crystalline bedrock. Overlying the bedrock are late Pleistocene to Holocene deposits of alluvial sediments originating from the surrounding Crafton Hills, San Bernardino Mountains, and Yucaipa Hills. The deeper sedimentary deposits consist of units representing the San Timoteo Formation, the Sedimentary deposits of Live Oak Canyon, and surficial materials. The primary water-bearing formations in the Yucaipa Subbasin that form the principal aquifer are the Sedimentary deposits of Live Oak Canyon and the San Timoteo Formation.

ES-2.1 Precipitation and Surface Water

The Yucaipa Subbasin lies within the San Timoteo Wash watershed. The primary surface water drainage features are Wilson Creek, Oak Glen Creek, Yucaipa Creek and San Timoteo Creek. The headwaters for Wilson Creek and Oak Glen Creek originate in the San Bernardino Mountains. Yucaipa Creek begins in the Yucaipa Hills and flows east to west out of Wildwood Canyon. San Timoteo Creek is the major drainage feature in the San Timoteo Wash watershed. It enters the Yucaipa Subbasin at the southern end of the Live Oak subarea and runs approximately 3.5 miles before exiting the Plan Area. San Timoteo Creek is tributary to the Santa Ana River.

Stream flow near the upper reaches of Wilson Creek and Oak Glen Creek may be diverted to the Wilson Creek spreading basins and the Oak Glen spreading basins, respectively. The Wilson Creek spreading basins are used for the infiltration of imported SWP water and stormwater. The Oak Glen Creek spreading basins were designed to reduce flooding downstream of Bryant Street, collect debris and sediment in the basins to improve downstream water quality, enhance groundwater recharge by capturing stormwater runoff, and provide additional open space and habitat.

The San Bernardino County Flood Control District (SBCFCD), a division of the Department of Public Works, installed a network of climate stations throughout San Bernardino County to collect precipitation, stream flow and temperature data. Mean annual precipitation per water year (WY; defined as the 12-month period between October 1 and September 30 of the following calendar year) ranged from 11.15 inches in the Crafton subarea to 24.50 inches in the Triple Falls Creek subarea. The weighted mean annual precipitation across the Plan Area is 15.86 inches based on precipitation data collected at the 17 SBCDPW climate stations from the 1953 WY to the 2018 WY.

Periods of above or below average precipitation affect the volume of water that naturally recharges the groundwater aquifer underlying the Plan Area. To characterize the effects of total water year precipitation on local groundwater supplies and demands, and the volume of groundwater in storage, the precipitation measurements were categorized into six water year types. Water year type was characterized by normalizing measured water year precipitation by the long-term water-year precipitation averages measured at each of the 17 SBCFCD climate stations in the Subbasin. The normalized water year precipitation measurements were then categorized into the following water year types:

1. Critically Dry: < 50% of the long-term precipitation mean
2. Dry: $\geq 50\%$, but < 75% of the long-term precipitation mean
3. Below Normal: $\geq 75\%$, but < 90% of the long-term precipitation mean
4. Normal: $\geq 90\%$, but < 110% of the long-term precipitation mean
5. Above Normal: $\geq 110\%$, but < 150% of the long-term precipitation mean
6. Wet: $\geq 150\%$ of the long-term precipitation mean

ES-2.2 Hydrogeological Conceptual Model

The Yucaipa Subbasin exists in a “right-step-over” zone between the active San Andreas and San Jacinto Fault Zones. The Yucaipa Plain lies between these two fault systems and comprises an extensive deposition of Quaternary sediments originating from the San Bernardino Mountains and Yucaipa Hills. The “right-step-over” zone created by the lateral displacement along the San Andreas and San Jacinto Fault Zones created a series of northeast-southwest trending normal-slip faults. Displacement along these faults, in turn, created drop-down structures that filled in with Quaternary alluvial sediments.

The geologic units defined within the Yucaipa Subbasin are Mesozoic and older crystalline bedrock, the Plio-Pleistocene San Timoteo Formation, and the Quaternary Sedimentary Deposits of Live Oak Canyon and surficial alluvial deposits. The crystalline bedrock provides the base for the sedimentary deposits in the Yucaipa Subbasin. The San Timoteo Formation and the Sedimentary Deposits of Live Oak Canyon define the principal aquifer in the Yucaipa Subbasin. The primary use of groundwater produced from the principal aquifer is for municipal water supply. The Yucaipa Subbasin is divided into nine hydrogeologic subareas based on the apparent influences of faults (both mapped and inferred) on groundwater flow.

San Timoteo Creek conveys surface water out of the Plan Area and is tributary to the Santa Ana River. Surficial soils mapped in the Plan Area indicate that the surface water drainages are underlain by highly permeable loamy sand with relatively high infiltration rates; thereby, indicating that leakage from stream flow is a major contributor to groundwater recharge. Geologic cross-sections provide scaled details of the physical features that influence groundwater flow and provide a visual approximation of the storage capacity of the Subbasin.

ES-2.3 Current and Historical Groundwater Conditions

Current Groundwater Elevations

The current condition for groundwater levels in the Yucaipa Subbasin is represented by static water levels measured in September 2018. The 2018 WY was characterized as a “dry” water year type. The preceding 2017 WY was characterized as an “above normal” water year type with precipitation ranging from 14.42 inches at SBCFCD station 3023 to 21.49 inches at SBCFCD station 3126A.

Static groundwater levels measured in September 2018, which represents the current water year low, ranged from 1,723.93 feet above NAVD88 at well WHWC-11 in the Western Heights subbasin to 3,331.80 feet above NAVD88 at well YVWD-14 in the Oak Glen subbasin. In general, groundwater flowed from the northeast to the southwest in the Yucaipa Subbasin. Static groundwater levels measured in March 2018 represent the current water year high. Groundwater levels ranged from 1,743.93 feet above NAVD88 at WHWC-11 to 3,297.90 feet above NAVD88 at YVWD-14.

Historical Groundwater Elevations

The earliest groundwater elevation data was collected in the 1920s. The first recorded static groundwater elevation was at YVWD-37 at 2,556 feet above NAVD88 in April 1921. This well is located in the northern part of the Crafton subarea. Historically, groundwater elevations in the Yucaipa Subbasin have ranged from 1,350.63 feet above NAVD88 in the Live Oak subarea to 3,355.80 feet above NAVD88 in the Oak Glen subarea.

In the 50-year historical period from 1966 to 2016, the highest static groundwater elevations (i.e., historical high) observed in the Calimesa, Wilson Creek and Gateway subareas occurred in the spring of 1988. Static groundwater elevations in the Subbasin ranged from 3,165.89 feet above NAVD88 at YVWD-13 in the Oak Glen subarea to 1,793.70 feet above NAVD88 at WHWC-02A in the Western Heights subarea. The hydraulic gradient in the principal aquifer in the spring of 1988 was 0.0448 feet/foot. The groundwater flow direction was to the southwest at an azimuth of 239 degrees.

The lowest groundwater elevations (i.e., historical low) observed in the Subbasin occurred in the Fall of 2007. The historical low in groundwater elevations occurred right before the marked increase in SWP water imported into the Subbasin by YVWD in the 2007 WY, and subsequent decline in groundwater production from 13,000 acre-feet per year (AFY) in the 2007 WY to 10,000 AFY in the 2009 WY. Static groundwater elevations in the Subbasin ranged from 3,346.50 feet above NAVD88 at YVWD-13 in the Oak Glen subarea to 1,728.90 feet above NAVD88 at WHWC-14 in the Western Heights subarea. The hydraulic gradient in the principal aquifer in Fall 2007 was 0.049 feet/foot. The groundwater flow direction was to the southwest at an azimuth of 232 degrees.

Groundwater in Storage

GSSI (2021) conducted a study to estimate the volume of groundwater in storage at the end of the 2016 WY. GSSI (2021) used the integrated Santa Ana River (SAR) numerical model as a tool to estimate the volume in storage. The SAR model includes the full alluvial thickness of the Subbasin, in that the bottom of the SAR model is defined by the contact between bedrock and the overlying alluvium. The estimated volume of groundwater in storage in the Yucaipa Subbasin at the end of the 2016 WY was 2,233,000 acre-feet (AF).

Groundwater Quality

The Regional Water Quality Control Board (RWQCB) Santa Ana Region recognized in the 1975 and 1983 Basin Plans that the most serious water quality issue to the Santa Ana River Basin “was the buildup of dissolved minerals, or salts, in the ground and surface waters” (RWQCB 2019). The historical use of water for irrigation purposes, particularly for citrus that demanded large volumes of applied water, was a main contributor to increasing concentrations of TDS and nitrate. The RWQCB (2019) recognized the need to implement salt and nutrient management plans to control the salt and nutrient loading to the basin.

The 2004 Basin Plan update included the creation of new groundwater management zones (GMZs) and set “maximum benefit” objectives for TDS and nitrate-nitrogen in the Chino North, Cucamonga, San Jacinto Upper Pressure, Yucaipa, Beaumont and San Timoteo GMZs. The majority of the Yucaipa Subbasin is within the Yucaipa GMZ, with part of the lower sections in the Beaumont and San Timoteo GMZs. In 2014, the Regional Board adopted order number R8-2014-0005, an amendment to the Basin Plan that revised the maximum benefit commitments in the Yucaipa, San Timoteo and Beaumont GMZs.

The implementation of reverse-osmosis treatment at the YVWD WRWRF facility has reduced the TDS concentration in recycled water to an average of <300 mg/L. YVWD is serving some recycled water to its customers, with plans to increase the usage of recycled water, for irrigation purposes. The application of recycled water for irrigation purposes has not increased TDS concentrations in the principal aquifer. Nitrate concentrations observed in the Subbasin have, in general, remained steady at <10 mg/L after agricultural practices in the Plan Area decreased significantly after the 1970s and septic systems were replaced with sanitary sewer services in the 1980s, with the exception of the Western Heights subarea. There are no TDS or nitrate water quality issues that may affect the long-term supply and beneficial uses of groundwater produced from the principal aquifer.

Land Subsidence

Historical records of land subsidence in the Plan Area do not indicate that land subsidence resulted from past groundwater production from the principal aquifer. Land subsidence was attributed to past tectonic activity associated with movement along the San Andreas and San Jacinto Fault Zones. Land subsidence data obtained from the SGMA Data Portal (State of California 2021) indicated a range of subsidence for the Plan Area from 0.0 feet to 0.054 feet, or 0.65 inches, from June 2015 to October 1, 2018. This does not constitute a significant and unreasonable vertical displacement of land surface that “substantially interferes with surface land uses and may lead to undesirable results,” (23 California Code of Regulations 354.28 (c) (5)).

Because the minimum thresholds established in this GSP are based on groundwater elevations at or below the historical low groundwater elevations observed in the Plan Area, there exists the potential for land subsidence to occur should groundwater levels fall below the historical lows over a long period. Subsidence related to declining

groundwater levels as a result of groundwater withdrawals cannot be directly measured in the Plan Area, so the minimum thresholds established for the chronic lowering of groundwater levels will be used as a surrogate for direct measurements of land subsidence. Should groundwater levels fall below the historical lows and persist at such a level for more than 12 months, then the Yucaipa GSA will refer to the InSAR data set included in the SGMA Data Portal and periodically obtain future data to compare to the baseline dataset compiled from June 2015 to October 1, 2018.

Groundwater – Surface Water Connections

Wilson Creek, Oak Glen Creek, and Yucaipa Creek are the major surface water drainages in the Yucaipa Subbasin that may have a hydrologic connection with the underlying principal aquifer. However, no direct investigations have been conducted to characterize the relationship between surface water flows in these drainages with the underlying groundwater. Groundwater elevation data collected at wells located near these drainages indicated depths-to-water greater than 200 feet below ground surface (bgs). Shallow observation wells installed adjacent to San Timoteo Creek indicated that San Timoteo Creek was a gaining stream upstream of its confluence with Yucaipa Creek and the reach downstream of Alessandro Road was characterized as a losing stream. The best available estimates for groundwater-surface water connections derive from the preliminary U.S. Geological Survey integrated hydrological numerical model. The numerical model simulates the amount of runoff originating from precipitation over the San Timoteo Wash watershed and computes leakage from flows in the creeks to the underlying aquifer.

Groundwater Dependent Ecosystems

GDEs in the Plan Area were characterized by reviewing the NCCAG dataset alongside measured groundwater elevations, aerial photographs, and Landsat data analyzed by The Nature Conservancy. The Nature Conservancy used Landsat data to calculate historical variations in the Normalized Derived Vegetation Index (NDVI) and Normalized Derived Moisture Index (NDMI). The Nature Conservancy calculated average values of NDVI and NDMI between July 9 and September 7 of each year to estimate vegetation health during the driest period of the year, when the overlying habitats are most likely to depend on groundwater. GDEs were identified adjacent to San Timoteo Creek, Oak Glen Creek and Wildwood Canyon Creek. The habitats located along Oak Glen Creek, Wildwood Canyon Creek, and San Timoteo Creek consist of coast live oak (*Quercus agrifolia*), riparian mixed hardwood, Fremont cottonwood (*Populus fremontii*), and willow (*Salix* spp.).

ES-2.4 Water Budget

A historical water budget was prepared for the 50-year period starting in water year 1965 and ending water year 2014 (October 1, 1965, to September 30, 2014). Current conditions in the Subbasin were characterized by quantifying the water budget for the period from the 2015 WY through 2018 WY (October 1, 2014, to September 30, 2018). Three future scenarios were assessed to characterize projected conditions in the Subbasin. These scenarios characterize projected water budgets for the period extending from the 2019 WY through the 2069 WY (October 1, 2018, to September 30, 2069). Individual components of the water budget are described in units of acre-feet (AF) or acre-feet per year (AFY).

Estimates of the individual water budget components for the historical and current conditions in the Basin are based on simulation results from the Yucaipa Integrated Hydrologic Model (YIHM). The YIHM is an integrated surface water and groundwater numerical model developed by the U.S. Geological Survey to simulate the effects of native and non-native water supplies and demands on groundwater conditions across the entire Yucaipa Valley watershed. Individual water budget components were extracted from the YIHM based on the B118 boundary for the Yucaipa Subbasin.

ES-2.5 Management Areas

In order to sustainably manage the groundwater resources of the Yucaipa Subbasin, the Subbasin was divided into four management areas. The boundaries of the management areas were based on the geologic structures (i.e., faults, hydraulic barriers) that influence groundwater flow and defined the hydrogeologic subareas in the Subbasin, the distribution of water supply wells by the different water purveyors, and the identification and location of GDEs in the Subbasin. The geologic structures, or faults and hydraulic barriers, that influence groundwater flow across them (e.g., the Chicken Hill Fault and South Mesa Barrier) are effective boundaries to establish management areas as groundwater production on one side of the structure will not significantly affect groundwater levels at wells located on the other side. Each management area was assigned minimum thresholds and measurable objectives that will define sustainability within their individual boundaries.

The following management areas, listed in order from the highest to lowest along the hydraulic gradient in the Subbasin, are based on the geologic structures that defined the hydrogeologic subareas in the Subbasin, the distribution of public water supply wells, and presence of GDEs:

1. North Bench Management Area
2. Calimesa Management Area
3. Western Heights Management Area
4. San Timoteo Management Area

ES-3 Sustainable Management Criteria

The goal is to manage groundwater resources for sustainable, long-term use in the Yucaipa Subbasin. Long-term sustainable management includes:

- Maintaining sufficient groundwater in storage to allow for ongoing groundwater production that meets the operational demands of South Mesa, South Mountain, WHWC and YVWD and private well users, and the regulatory commitments established in the Plan Area.
- Ensuring that groundwater production does not result in significant and unreasonable loss of GDEs.

The sustainability goal for the Plan Area was developed using historical groundwater elevations, groundwater in storage, and the identification of GDEs in the Plan Area. The importation of SWP water into the Subbasin in 2003 has provided a supplemental source of water, which led to a reduction in groundwater production in the Yucaipa Subbasin. This supplemental source of water, which averaged approximately 8,000 AFY since 2008, has led to an average reduction in groundwater production by 3,000 AFY. Consequently, groundwater levels have recovered between 50 feet in the Calimesa Management Area and 200 feet in the North Bench Management Area in the past 10 years, with the volume of groundwater in storage in the Subbasin increasing by approximately 18,000 AF. The cessation of the decline in groundwater levels observed from 1997 to 2007, and observed storage increase over the last 10 years, indicates that the Yucaipa GSA member agencies have been managing the groundwater resource sustainably.

ES-3.1 Undesirable Results

Under SGMA, undesirable results occur when groundwater conditions in the Plan Area cause significant and unreasonable effects to any of the six sustainability indicators:

- Chronic Lowering of Groundwater Levels
- Reduction of Groundwater Storage
- Degraded Water Quality
- Land Subsidence
- Depletions of Interconnected Surface Water
- Seawater Intrusion

The four sustainability indicators that do apply to the Yucaipa Subbasin, and which will be used to evaluate sustainable management in the Subbasin, include (1) chronic lowering of groundwater levels, (2) reduction of groundwater storage, (3) land subsidence, and (4) interconnected surface water. Minimum thresholds and measurable objectives were defined for each of these four sustainability indicators, where applicable, for the four management areas. A minimum threshold represents a condition in the management area when undesirable results are experienced. A measurable objective represents a condition when the groundwater resource is managed sustainably and no undesirable results are experienced.

For the North Bench, Calimesa and Western Heights management areas, the minimum thresholds and measurable objectives are based on historical lows in groundwater in storage and drought buffers that the Yucaipa GSA identified as providing operational flexibility before undesirable results are experienced. For the San Timoteo Management Area, the minimum threshold and measurable objective are based on shallow groundwater levels that sustain GDEs (along San Timoteo Creek and potential GDEs along Yucaipa Creek).

The following minimum thresholds and measurable objectives established for each management area are applicable for these sustainability indicators: chronic lowering of groundwater levels, reduction of groundwater storage, land subsidence, and depletion of interconnected surface water. Degraded water quality and seawater intrusion are not applicable in the Subbasin.

North Bench Management Area: The current volume of groundwater in storage in the North Bench Management Area is 255,000 AF. The minimum threshold is established at the historical low for groundwater in storage at 220,000 AF. The top of the drought buffer is at a volume in storage of 230,000 AF, 10,000 AF above the minimum threshold. This represents the measurable objective and provides operational flexibility to implement management actions and/or programs to prevent undesirable results when groundwater conditions decline below the minimum threshold. Groundwater conditions are defined by static groundwater levels measured at 8 wells, or representative monitoring points, in the management area. Specific groundwater elevations were defined at each representative monitoring point (RMP) that represent the minimum threshold (220,000 AF) and measurable objective (230,000 AF). Monitoring of groundwater elevations at the RMPs will provide a spatial and temporal characterization of groundwater conditions to help guide management actions to sustainably managed the Subbasin.

Calimesa Management Area: The current volume of groundwater in storage in the Calimesa Management Area is 800,400 AF. The minimum threshold is established at the bottom of a drought buffer at 772,700 AF. The measurable objective was established at the historical low volume in storage of 798,700 AF, which is

26,000 AF above the minimum threshold and represents the beginning of the drought buffer. Groundwater conditions are defined by static groundwater levels measured at 13 RMPs in the management area. Specific groundwater elevations were defined at each RMP that represent the minimum threshold (772,700 AF) and measurable objective (798,700 AF). Monitoring of groundwater elevations at the RMPs will provide a spatial and temporal characterization of groundwater conditions to help guide management actions to sustainably managed the Subbasin.

Western Heights Management Area: The current volume of groundwater in storage in the Calimesa Management Area is 800,400 AF. A drought buffer was defined from the historical low in the volume of groundwater in storage at 408,800 AF to 398,800 AF. The minimum threshold is established at 398,800 AF, the bottom of the drought buffer. The measurable objective is established at a volume in storage of 408,800 AF. Groundwater conditions are defined by static groundwater levels measured at 7 RMPs in the management area. Specific groundwater elevations were defined at each RMP that represent the minimum threshold (398,800 AF) and measurable objective (408,800 AF). Monitoring of groundwater elevations at the RMPs will provide a spatial and temporal characterization of groundwater conditions to help guide management actions to sustainably managed the Subbasin.

San Timoteo Management Area: A minimum threshold for this management area was established for the GDEs identified along San Timoteo Creek. At this time, no sustainability criteria are established for the other sustainability indicators because there are no existing municipal water supply wells that extract groundwater from the principal aquifer. If a water purveyor plans to install and operate a municipal water supply well and produce from the principal aquifer, then the water purveyor must investigate the potential influences of pumping from the principal aquifer on the shallow groundwater table sustaining the GDEs identified along San Timoteo Creek and the potential GDEs identified along Yucaipa Creek upstream of its confluence with San Timoteo Creek. Additionally, the average long-term groundwater production from the principal aquifer in the San Timoteo Management Area will be held at or below the estimated sustainable yield of 325 AFY.

The undesirable result identified for the San Timoteo Management Area is the condition when the shallow groundwater table sustaining the GDEs falls below 30 feet bgs as a result of groundwater production from the principal aquifer. A measurable objective of 20 feet bgs for the shallow groundwater table was defined and provides a reasonable margin of operational flexibility under adverse conditions by allowing for changes to groundwater production (if demonstrated to influence shallow groundwater) or the implementation of projects and/or programs to prevent groundwater levels falling below 30 feet bgs. Groundwater conditions are defined by static groundwater levels measured at six RMPs in the management area.

ES-3.2 Monitoring Network

The objective of a monitoring network is to track and monitor parameters that demonstrate “short-term, seasonal, and long-terms trends in groundwater and related surface conditions, and yield representative information about groundwater conditions as necessary to evaluate Plan implementation” (23 CCR, Section 354.34). To accomplish this objective, the monitoring network must be capable of the following:

- Monitoring changes in groundwater and surface water conditions that may impact the beneficial uses or users of groundwater
- Monitoring groundwater conditions relative to the sustainable management criteria
- Quantifying annual changes in water budget components

Groundwater Monitoring

The groundwater monitoring network includes 76 wells. Groundwater elevation data is collected at 72 of these wells; water quality data is collected at 40 of these wells; and groundwater production data is collected at 31 wells. Groundwater elevation and groundwater production data is collected on a monthly basis by the water purveyors. Groundwater quality data is collected quarterly to annually by the water purveyors. Four of the municipal wells in the monitoring network are located outside the Plan Area and supply water to the Subbasin. This water supply is characterized as an imported groundwater supply to the Subbasin. The majority of the wells are municipal supply and monitoring wells; however, the network does include two irrigation wells operated by South Mountain.

Surface Water Monitoring

The SBCFCD manages five stream gauges within the Plan Area. Two stream gauges are located on Yucaipa Creek, one is located on Wilson Creek upstream of the confluence with Oak Glen Creek, and two stream gages are located on Oak Glen Creek upstream of its confluence with Yucaipa Creek. These stream gauges record mean daily flow rates. These stations were designed to measure peak flow events and, therefore, do not accurately measure flow outside of those peak events. SBCFCD has confidence in measurements collected at the two farthest downstream gauging stations in the Subbasin. The Yucaipa GSA will evaluate the feasibility of installing new gauging stations, if funding becomes available, or work with SBCFCD to improve the existing stations to more accurately measure stream flows in the Subbasin. Stream flow measurements are recognized as a data gap in this GSP.

Precipitation

Precipitation is monitored at 17 precipitation stations managed by SBCFCD within the Plan Area and three National Oceanographic and Atmospheric Administration stations with one in the Plan Area, one in the City of Redlands, and one in Beaumont. Daily precipitation is recorded at these stations, which provides adequate temporal resolution to evaluate short-term and seasonal impacts of precipitation on groundwater conditions in the Plan Area. The longest continuous records of daily precipitation have been measured at two SBCFCD climate stations dating back to 1932. The lengths of these records, plus long-term records for other stations, are adequate to evaluate long-term trends in precipitation within the Plan Area.

Monitoring Protocols

Monitoring protocols have been established in this GSP for the collection of groundwater elevation, groundwater production, and groundwater quality data at all wells in the Subbasin (and for those outside the Subbasin that provide water to it) to ensure a consistent recording of information to accurately represent groundwater conditions and effectively evaluate the sustainable management of the groundwater resource.

Monitoring Network Improvements

The Yucaipa GSA is required to review and evaluate the monitoring network for the Plan Area during every 5-year assessment of this GSP. Specifically, “each agency shall identify data gaps wherever the basin does not contain a sufficient number of monitoring sites, does not monitor sites at a sufficient frequency, or utilizes monitoring sites that are unreliable, including those that do not satisfy minimum standards of the monitoring network adopted by the Agency,” (23 California Code of Regulations Section 354.38). While the existing monitoring

network satisfies the requirements to “demonstrate short-term, seasonal, and long-term trends in groundwater and related surface conditions” (23 California Code of Regulations Section 354.34), there are improvements that can be made to improve local spatial coverage. Future improvements to the monitoring network have been identified for the following:

- Stream flow gauging
- Information on private well users
- Spatial and temporal gaps in groundwater level measurements

ES-4 Projects and Management Actions

Future projections using the YIHM with groundwater production constrained to the estimated sustainable yield of 10,980 AFY indicate that the Subbasin will not experience undesirable results over the 50-year planning and implementation period. The simulated Future Baseline with Climate Change II scenario indicated that conditions in the Calimesa Management Area may decline below the measurable objective and trend toward the minimum threshold at the end of the 50-year planning and implementation period. Under such conditions, the Yucaipa GSA has defined management actions that will be implemented to prevent undesirable results.

The management actions described are not currently necessary to achieve sustainability in the Plan Area, which has experienced rising groundwater levels and increased groundwater in storage since 2008. They would be implemented, as necessary, to respond to declining conditions that deviate from the future predictions by the YIHM.

Currently, no new projects have been identified as necessary to achieve groundwater sustainability in the Plan Area during the 50-year planning and implementation period. Member agencies of the Yucaipa GSA have constructed spreading basins and stormwater capture basins, and are in the process of designing and constructing new ones, to enhance recharge to the Subbasin thereby reducing dependence on imported water.

ES-4.1 Management Action No. 1

Management Action No 1: Reduce Net Use of Groundwater When Groundwater Levels Decline Below Measurable Objectives

The drought buffers established for the North Bench, Calimesa and Western Heights management areas provide operational flexibility to implement management actions when groundwater conditions decline below their respective measurable objectives. The following management action will prevent undesirable results related to the chronic lowering of groundwater levels, reduction in groundwater storage, and land subsidence for these three management areas. The management action implemented when groundwater levels decline below the measurable objective for the San Timoteo management area will prevent significant and unreasonable effects resulting in a loss in surface water interconnected with shallow groundwater that sustain GDEs.

If groundwater elevations decline below the measurable objective levels established at 50% or more of the RMPs for two consecutive years in a management area, then the net use of groundwater in that management area will be reduced by a minimum 5% (Calimesa and Western Heights management areas) to 25% (North Bench management area) of the estimated sustainable yield for that management area. Groundwater elevations below the measurable objectives fall within drought buffers established in the North Bench, Calimesa and Western Heights management

areas. Reductions in the net use of groundwater in the Calimesa and Western Heights management areas are based on a tier structure that incrementally increases the reduction in groundwater use should groundwater elevations continue to decline.

If groundwater elevations decline below the minimum threshold levels established at 50% or more of the RMPs for two consecutive years in a management area, then the net use of groundwater in that management area will be reduced by a minimum 15% (Western Heights management area) to 35% (North Bench management area) of the estimated sustainable yield for that management area.

The net reductions in groundwater use may be achieved by either reducing groundwater production, artificially recharging the aquifer with supplemental water, using supplemental water for in lieu use, enacting water conservation programs and/or other programs that result in a net reduction of groundwater use, or any combination of these actions that result in a net reduction of groundwater use by the required reduction amount stipulated in this management action for a management area. Groundwater production may increase when groundwater levels recover to a higher tier in the drought buffer or rise above the measurable objective for two consecutive years. If the management action is implemented and conditions do not improve over a 5-year evaluation period, then the Yucaipa GSA will reevaluate and, possibly, recalibrate the YIHM to improve the accuracy of the model in estimating the sustainable yield and predicting future conditions.

For the San Timoteo Management Area, six RMPs were identified to characterize shallow groundwater elevations and evaluate whether groundwater production from the principal aquifer will cause significant and unreasonable effects on the interconnection between surface water and groundwater. GDEs have been identified along the reach of San Timoteo Creek in the Plan Area. If groundwater levels decline at 50% or more of the RMPs below 20 feet bgs for two consecutive years, then the Yucaipa GSA will investigate to confirm that the decline in the water table is a result of groundwater production from the principal aquifer. This may include observing groundwater levels at the RMPs and measuring stream flow when the principal aquifer well(s) is operating, or designing and implementing an aquifer test to confirm the influence of groundwater production from the principal aquifer on stream flow and the groundwater table. If an aquifer test is conducted and confirms the influence of production from the principal aquifer on the surface water/groundwater interconnection and a subsequent drawdown of the water table, then production from the principal aquifer will be reduced to the extent that it no longer causes a significant and unreasonable effect.

ES-4.2 Management Action No. 2

Management Action No. 2: Sustainable Yield Pumping Allocations and Groundwater Replenishment

At the adoption of the GSP, groundwater sustainable yield pumping allocations will be assigned to YVWD and private water users in the North Bench Management Area, to South Mountain, South Mesa, YVWD and private water users in the Calimesa Management Area, and to WHWC in the Western Heights management area. No sustainable yield pumping allocations were assigned in the San Timoteo management area at this time because the Yucaipa GSA needs to confirm the location and volume of private pumping from the principal aquifer and determine whether sustainable yield pumping allocations are appropriate to manage groundwater production in this management area.

The pumping allocations are designed to regulate the annual volume of groundwater produced by each groundwater user per water year and maintain the total groundwater produced at or below the estimated sustainable yields for these management areas. As an incentive to manage groundwater production at or below the sustainable yield

pumping allocation, a groundwater user may earn pumping credits in the amount of the sustainable yield pumping allocation less the groundwater pumped.

The Yucaipa GSA will apply a 5-year rolling pumping credit system to keep account of the pumping credits earned by each groundwater user, meaning pumping credits that are earned and not used after 5 years will be lost. Pumping credits, if available, may be used to offset the volume of groundwater produced in excess of the sustainable yield pumping allocation to the extent that the credits equal the pumping exceedance. Any remaining deficit will be charged a replenishment fee. The replenishment fee will be equivalent to the volume of groundwater that exceeds the sustainable yield pumping allocation multiplied by the rate per AF to purchase supplemental water at San Bernardino Valley Municipal Water District or San Gorgonia Pass Water Agency rates for imported SWP water. The supplemental water may be used to artificially recharge a management area, or as in lieu use to offset the pumping exceedance. Any pumping credits remaining will carry over into the next water year under the 5-year rolling pumping credit system.

The assessment for pumping credits will begin with the 2022 WY. The volume of water pumped per user will be accounted for on a monthly basis beginning October 1, 2021. Pumping credits will be earned by users that pump less than their respective sustainable yield pumping allocations for the 2022 WY. Pumping credits cannot be transferred or sold to another entity within a given management area or with the Subbasin. The sustainable yield pumping allocations will be reassessed during every periodic evaluation when the water budget analysis is updated and the sustainable yield reevaluated.

ES-4.3 Management Action No. 3

Management Action No. 3: Surplus Supplemental Water Spreading

Surplus supplemental water, which is not associated with Management Action #2, and discharged to a spreading basin to facilitate the artificial recharge of the Subbasin will have a separate accounting by the Yucaipa GSA. The surplus supplemental water will be accessible to the water purveyor that purchased the water and percolated it at a spreading basin. This water will be available to help offset production exceedances above the sustainable yield pumping allocations instead of pumping credits earned via Management Action #2.

ES-4.4 Projects

Currently, the Plan Area is not experiencing undesirable results with regard to the chronic lowering of groundwater elevations, reduction of groundwater in storage, land subsidence, and depletion of surface water as a result of groundwater production from the principal aquifer that threatens GDEs. The importation of SWP water as a supplemental source of water, both as direct use and through artificial recharge in the various spreading basins, has allowed the Yucaipa GSA member agencies to reduce groundwater production in the North Bench, Calimesa and Western Heights management areas to levels below their respective estimated sustainable yields. Groundwater production by private well owners in the San Timoteo management area has not caused significant and unreasonable effects related to the sustainability indicators per SGMA. The Subbasin is currently managed sustainably.

Management actions were defined to achieve sustainable management of the groundwater resources in the Plan Area should groundwater elevations decline below measurable objectives. These actions will be implemented when groundwater levels decline to the drought buffers established for the North Bench, Calimesa and Western Heights management areas. The drought buffers provide operational flexibility for the Yucaipa GSA to implement these management actions and/or other programs to prevent undesirable results.

Some of the member agencies of the Yucaipa GSA have constructed stormwater capture basins to enhance recharge to the Subbasin. The Wilson Creek and Oak Glen Creek basins are designed to capture stormwater, but are primarily used to artificially recharge the Subbasin using surplus SWP water delivered by the SWP East Branch Extension. These basins are included in the YIHM to simulate their contributions to recharge to the Subbasin. The Wilson Creek and Oak Glen Creek basins have contributed an average 1,900 AFY and 170 AFY, respectively, since 2011. The other existing stormwater capture basins are estimated to capture approximately 1,800 AFY. These projects provide additional benefits including improving water quality in surface waters by reducing stormwater runoff volumes and providing wildlife habitat.

The Yucaipa GSA identified proposed projects that have been designed, permitted, and are undergoing development or will in the near future. These include the Wilson Creek III Basins, the Pendleton Avenue Low Water Crossing, and the Upper Wildwood Creek Basin. The projects funded by the City of Yucaipa (with major funding also provided by SBVMWD for the Wilson III Basins) are designed to capture stormwater flows and enhance recharge to the Subbasin. The estimated average annual recharge contribution is approximately 1,500 AF. These basins will be located in the North Bench management area. These planned basins were not included in the future water budget analyses for the North Bench management area using the YIHM, because the North Bench management area is not projected to experience undesirable results over the 50-year planning and implementation horizon. However, these planned projects will provide additional opportunities to capture and recharge stormwater flows, thereby reducing the reliance on imported water to meet the basin measurable objectives.

ES-5 Plan Implementation

Upon adoption of this GSP by the Yucaipa GSA, the primary activities associated with implementing the GSP include administrative duties by the member agencies of the Yucaipa GSA, the management of data collection, data validation, and analysis to evaluate conditions in the Subbasin, the preparation and submittal of annual reports and periodic evaluations, with associated data, to DWR, and an assessment of conditions in the Subbasin and determination if management actions need to be implemented. During the initial 5-year period after the GSP is adopted, the Yucaipa GSA will evaluate options to address data gaps, and conduct feasibility studies to evaluate the effectiveness of potential spreading basins and other programs that would maintain or achieve sustainability in the Subbasin.

RESOLUTION NO. 1142

RESOLUTION OF THE BOARD OF DIRECTORS OF THE SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT AS A MEMBER OF THE YUCAIPA SUSTAINABILITY GROUNDWATER MANAGEMENT AGENCY TO ADOPT THE GROUNDWATER SUSTAINABILITY PLAN FOR THE YUCAIPA SUBBASIN (BASIN NO. 8-002.07)

WHEREAS, on September 16, 2014, Governor Jerry Brown signed into law Senate Bills 1168 and 1319, and Assembly Bill 1739, collectively known as the Sustainable Groundwater Management Act ("SGMA"), codified in certain provisions of the California Government Code, including commencing with Section 65350.5, and codified in Part 2.74 of Division 6 of the California Water Code, commencing with Section 10720, and amending other provisions of the California Government Code and California Water Code; and,

WHEREAS, SGMA went into effect on January 1, 2015; and,

WHEREAS, various clarifying amendments to SGMA were signed into law in 2015, including Senate Bills 13 and 226, and Assembly Bills 617 and 939, which were codified in part in California Water Code Section 10723.6(a), authorizing a combination of local agencies to form a Groundwater Sustainability Agency ("GSA") pursuant to a joint powers agreement, a memorandum of agreement, or other legal agreement; and, California Water Code Section 10723.6(b), authorizing water corporations regulated by the California Public Utilities Commission and mutual water companies to participate in a GSA through a memorandum of agreement or other legal agreement; and,

WHEREAS, the legislative intent and effect of SGMA, as set forth in California Water Code Section 10720.1, includes the following: (1) to provide for the sustainable management of groundwater basins; (2) to enhance local management of groundwater consistent with rights to use or store groundwater and Section 2 of Article X Water of the California Constitution, and to preserve the security of water rights in the state to the greatest extent possible consistent with the sustainable management of groundwater; (3) to establish minimum standards for sustainable groundwater management; (4) to provide local groundwater agencies with the authority and the technical and financial assistance necessary to sustainably manage groundwater; (5) to avoid or minimize subsidence; (6) to improve data collection and understanding about groundwater; (7) to increase groundwater storage and remove impediments to recharge; (8) to manage groundwater basins through the actions of local governmental agencies to the greatest extent feasible, while minimizing state intervention to only when necessary to ensure that local agencies manage groundwater in a sustainable manner; and (9) to provide a more efficient and cost-effective groundwater adjudication process that protects water rights, ensures due process, prevents unnecessary delay, and furthers the objectives of SGMA; and,

WHEREAS, SGMA affords GSAs specific powers to manage groundwater in addition to existing legal authorities, which powers may be used to provide the maximum degree of local control and flexibility consistent with the sustainability goals of SGMA; and,

WHEREAS, SGMA includes several un-codified findings by the California Legislature, including the determination that the people of the state have a primary interest in the

protection, management, and reasonable beneficial use of the water resources of the state, both surface and underground, and that the integrated management of the state's water resources is essential to meeting its water management goals; and,

WHEREAS, the Yucaipa Subbasin ("SUBBASIN") is identified by the California Department of Water Resources Bulletin 118 as Sub-basin No. 8-002.07 of the Upper Santa Ana Valley Groundwater Basin, and is designated by the California Department of Water Resources ("DWR") as a high-priority basin; and,

WHEREAS, California Water Code Section 10720.7 requires the SUBBASIN, as a high-priority basin that is not designated by DWR as being subject to critical conditions of overdraft, to be managed by a Groundwater Sustainability Plan ("GSP") by January 31, 2022; and,

WHEREAS, South Mesa Water Company ("SOUTH MESA"), South Mountain Water Company ("SOUTH MOUNTAIN"), Western Heights Water Company ("WHWC") and Yucaipa Valley Water District ("YVWD"), herein collectively referred to as the "WATER PURVEYORS"; and the City of Calimesa ("CALIMESA"), the City of Redlands ("REDLANDS") and the City of Yucaipa ("YUCAIPA"), herein collectively referred to as the MUNICIPALITIES"; and the San Bernardino Valley Municipal Water District ("SBVMWD") and the San Gorgonio Pass Water Agency ("SGPWA"), herein collectively referred to as the "REGIONALS", entered into a Memorandum of Agreement ("MOA") in June 2017 to form a GSA called the Yucaipa Sustainability Groundwater Management Agency ("YUCAIPA-SGMA"), and,

WHEREAS, each of the above-described entities is individually referred to as a "PARTY" and are collectively referred to as the "PARTIES". SOUTH MESA, SOUTH MOUNTAIN and WHWC are collectively referred to as the "MUTUALS"; and, the PARTIES other than the MUTUALS are collectively referred to as the "LOCAL AGENCIES," and,

WHEREAS, The County of Riverside ("RIVERSIDE") and the County of San Bernardino ("SAN BERNARDINO"), collectively referred to as the "COUNTIES," are stakeholders but not PARTIES in the YUCAIPA-SGMA, and,

WHEREAS, CALIMESA submitted a written Notice of Withdrawal dated November 19, 2018 and the Yucaipa-SGMA subsequently acknowledged the withdrawal of CALIMESA from the Yucaipa-SGMA at the January 23, 2019 YUCAIPA-SGMA Board meeting, and,

WHEREAS, the LOCAL AGENCIES have water supply, water management, and/or land use responsibilities for their respective jurisdictional areas overlying the SUBBASIN and are local agencies as defined by SGMA in California Water Code Section 10721(n), and thus each is authorized by SGMA to form a GSA; and,

WHEREAS, the LOCAL AGENCIES' individually have jurisdictional and/or service areas within and their collective jurisdictional areas and/or service areas that cover the entirety of the SUBBASIN, with no gaps in coverage; and,

WHEREAS, the WATER PURVEYORS, including the MUTUALS, produce

groundwater and provide water service within the SUBBASIN; and,

WHEREAS, the REGIONALS are State Water Contractors, and have the rights and duties of such, including for the delivery of State Water Project Water within the SUBBASIN; and,

WHEREAS, the PARTIES have worked with local stakeholders and interested parties in the SUBBASIN that are not PARTIES in YUCAIPA-SGMA to carry out the policy, purposes, and requirements of SGMA in the SUBBASIN; and,

WHEREAS, the YUCAIPA-SGMA has developed a GSP for the SUBBASIN as required by SGMA; and,

WHEREAS, the YUCAIPA-SGMA has provided the public notices required by Water Code section 10727.8, including a Public Outreach and Engagement Plan, informing the public on how to participate in the development of the GSP; and,

WHEREAS, the YUCAIPA-SGMA has held numerous public meetings where elements of the GSP for the SUBBASIN have been presented and discussed, and where the general public has been provided the opportunity to comment on the various elements of the GSP; and,

WHEREAS, due to the COVID-19 pandemic and Executive Order N-29-20 that suspended the requirement to hold public meetings at physical locations, the YUCAIPA-SGMA held online public meetings and provided details in the public notices informing the public how to participate in the online meetings; and,

WHEREAS, the YUCAIPA-SGMA has received written public comments on the various elements of the GSP, which have been reviewed and commented on, where and as appropriate, as part of the GSP; and,

WHEREAS, the YUCAIPA-SGMA announced a community engagement meeting (i.e., public hearing) for November 16, 2021, as required by Water Code section 10728.4 for the purposes of considering public comments before adopting a GSP for the SUBBASIN; and,

WHEREAS, the GSP for the Subbasin contains all the elements required by Water Code sections 10727.2 and 10727.4; and,

WHEREAS, after its filing with DWR, the GSP for the Subbasin will be subject to a further public review period, and will undergo review by DWR for a period not exceeding two years; and,

WHEREAS, the GSP for the SUBBASIN will be subject to further updating during the DWR review period, and periodically thereafter via annual reports due every April 1 and evaluation reports at least every 5 years or when the GSP is amended; and,

WHEREAS, it is now necessary and appropriate for the Board of Directors to consider the adoption of the GSP for the sustainable management of the SUBBASIN, and

authorizes the adoption of the GSP for the sustainable management of the SUBBASIN and directs the YUCAIPA-SGMA to file the GSP with DWR no later than the date required by SGMA; NOW, THEREFORE,

NOW THEREFORE BE IT RESOLVED, by the Board of Directors of the San Bernardino Valley Municipal Water District as follows:

1. The above Recitals are true and correct.
2. The GSP for the SUBBASIN is approved.
3. The San Bernardino Valley Municipal Water District hereby authorizes the adoption of the GSP for the SUBBASIN and directs the YUCAIPA-SGMA to file the GSP with DWR no later than January 31, 2022, as required by SGMA.
4. The General Manager and Agency Counsel are hereby authorized and directed to take such other and further actions as may be necessary or appropriate to implement the intent and purposes of this resolution.

PASSED, APPROVED AND ADOPTED on this 18th day of January 2022.

Paul R. Kielhold, President

ATTEST:

Heather P. Dyer, Secretary



DATE: January 18, 2022

TO: Board of Directors

FROM: Heather Dyer, CEO/General Manager
Matthew Howard, Water Resources Senior Planner

SUBJECT: Consider a contract with Dudek to Prepare the 2022 Annual Report for the Yucaipa Sustainable Groundwater Management Agency

Staff Recommendations:

Authorize the General Manager to execute a contract with Dudek to prepare the 2022 Annual Report for the Yucaipa Sustainable Groundwater Management Agency (Yucaipa SGMA).

Summary

This item was discussed at the Engineering Workshop on January 11, 2022. Those Board members in attendance asked that it be placed on a future Board of Directors agenda for consideration. The annual report is a regulatory requirement, and it is due to the California Department of Water Resources by April 1, 2022. Valley District is the acting contracting agency on behalf of the Yucaipa SGMA. Staff proposes a contract with Dudek to prepare the 2022 annual report from the Yucaipa SGMA with a total cost of \$27,320. Valley District will invoice the other Yucaipa SGMA agencies for a total of \$27,320 resulting in Valley District's net contribution being \$1,708.

Background

One of the requirements of the Sustainable Groundwater Management Act (SGMA) is to prepare and submit an annual report to the Department of Water Resources (DWR) by April 1st of each year following the adoption of the GSP. This first annual report for the Yucaipa SGMA will include information collected from the 2018-19 water year to the 2020-21 water year. This information will include groundwater elevations, groundwater production, groundwater quality, quantity of surface water supply, and an estimate of annual change in storage. The annual report will also include a description of the progress in implementing the GSP, including any necessary management

actions and/or projects that were implemented to maintain sustainability. The information required for the first annual report will be provided by the Yucaipa SGMA parties through the Yucaipa SGMA Data Management System. Upon completion of the first annual report, the Yucaipa SGMA parties will be provided the opportunity to review and comment on the draft annual report prior to submittal to DWR by April 1, 2022.

Dudek is the consultant contracted to prepare the GSP, therefore this proposal was requested by the Yucaipa SGMA and presented at the Yucaipa SGMA Board Meeting on October 27, 2021. The proposal was unanimously approved by the Yucaipa SGMA Board. The Yucaipa SGMA Memorandum of Agreement proportioned 75% of costs to the retail water agencies (South Mesa Water Company, South Mountain Water Company, Western Heights Water Company and Yucaipa Valley Water District) with the remaining 25% shared equally amongst the regional water agencies and municipalities (San Bernardino Valley Municipal Water District, San Geronio Pass Water Agency, City of Redlands and the City of Yucaipa), which Valley Districts percentage of this contract amendment is 6.25% of the total cost.

Fiscal Impact:

The net fiscal impact to Valley District is \$1,708. However, as the contracting agency, Valley District needs to execute the proposed contract with Dudek for the entire, additional amount of \$27,320. This item was included in the approved FY 2021-22 General Fund Budget.

Attachments:

Dudek's Proposal to Prepare 2022 Annual Report for the Yucaipa Subbasin

September 24, 2021

Yucaipa Sustainable Groundwater Management Agency
c/o San Bernardino Valley Municipal Water District
380 East Vanderbilt Way
San Bernardino, California 92408

Subject: Proposal to Prepare 2022 Annual Report for the Yucaipa Subbasin

Dear Yucaipa-SGMA Member Agencies:

Dudek is pleased to present this scope of work and fee to the Yucaipa Sustainable Groundwater Management Agency (Yucaipa-SGMA) to prepare the first annual report for the Yucaipa Subbasin following the adoption of the Groundwater Sustainability Plan (GSP). Per Subarticle 7 of Article 5 of the California Code of Regulations Division 2 Chapter 1.5 (23 CCR §356.2), each Groundwater Sustainability Agency (GSA) is required to submit an annual report by April 1 of each year following the adoption of a GSP. In summary, the first annual report for the Yucaipa Subbasin will include information collected from the 2018-2019 water year (WY) to the 2020-2021 WY. This information will include groundwater elevation, groundwater production, groundwater quality, an accounting of surface water supply, and an estimate of the annual change in storage since the 2018-2019 WY. This data will also be uploaded (if not already) to the Data Management System developed for the Yucaipa GSP.

The annual report will also include a description of the progress in implementing the GSP, including any management actions and/or projects that were implemented to achieve or maintain sustainability. The volume of groundwater pumped per user will be compared to their respective sustainable yield pumping allocations to determine if pumping credits were earned or used, and whether supplemental water was used to directly recharge the aquifer. The accounting of pumping credits and supplemental water that directly recharges the aquifer will help determine if a management action is required.

The following scope of work and fee details the tasks Dudek will undertake to prepare and submit to DWR an annual report that is compliant with the requirements under the Sustainable Groundwater Management Act (SGMA).

1 Scope of Work

Task 1 Groundwater Evaluations

Task 1.1 Update Groundwater Elevation Hydrographs

Static groundwater elevation data measured at the 76 wells identified in the monitoring network in the GSP will be updated for 2019, 2020 and 2021. The observed groundwater elevation data will be compared to the simulated hydraulic heads (i.e., groundwater elevation) projected by the United States Geological Survey's (USGS) Yucaipa Integrated Hydrologic Model (YIHM) used to predict groundwater conditions in the Yucaipa Subbasin

during the development of the GSP. In addition to the static groundwater elevation, the status of the well at the time of measurement will be reported and any issues regarding access to the well, modifications made to the well that affect the method for measuring the groundwater elevation, will be included in the report. This task will also identify the seasonal high and low groundwater elevations observed in the 2019, 2020 and 2021 water years.

Fee for Task 1.1 \$2,210.00

Task 1.2 Update Water Year-Types

The monthly precipitation data collected at the 17 San Bernardino County Flood Control District (SBCFCD) climatic stations located throughout the Subbasin, plus monthly precipitation data collected at three National Oceanic and Atmospheric Administration (NOAA) climatic stations will be compiled and analyzed to characterize the water year-types for the 2019 WY (October 1, 2018 to September 30, 2019), 2020 WY and 2021 WY. Any new climatic stations installed in the Subbasin since the adoption of the GSP will be assessed and included in the climate network.

A figure identifying the water year-types beginning in 1953 (Figure 2-3 in Chapter 2 of the GSP) will be updated to include the latest three years. Additionally, the monthly precipitation data will be used to update the cumulative departure from mean monthly precipitation chart (Figure 2-2 in Chapter 2 of the GSP) to update the precipitation trends observed since the early 1960s. These two updated figures will be included in the annual report.

Fee for Task 1.2 \$1,930.00

Task 1.3 Plan View Maps of Seasonal Highs and Lows

Plan view maps depicting static groundwater elevations and the hydraulic gradient across the Yucaipa Subbasin will be prepared for the seasonal highs and lows observed in the 2019, 2020 and 2021 water years. The figures will be prepared similarly to Figures 2-29 and 2-30 in Chapter 2 of the GSP that depicted the seasonal low and high, respectively, for the 2018 WY. Each plan view map will include the measured groundwater elevation at the 76 wells in the monitoring network (if available) and indicate the direction of groundwater flow.

Fee for Task 1.3 \$4,110.00

Task 1.4 Update Groundwater Production Database

Groundwater production data will be collected and compiled to report the annual volume of groundwater extracted by the active water supply wells in the Subbasin, and wells located outside the Subbasin that pump water into the Subbasin. The annual groundwater production data will be included in the groundwater elevation hydrographs, where applicable, to demonstrate the influence of pumping on groundwater elevations. The annual production will be compared to the sustainable yield pumping allocations assigned to each water purveyor. This analysis will determine if a water purveyor earned pumping credits or will be charged a replenishment fee depending on the volume extracted versus the sustainable yield pumping allocation. A summary of this analysis and accounting for each water purveyor will be included in tabular form in the annual report.

Fee for Task 1.4 \$1,370.00

Task 1.5 Update Groundwater Quality Database

This task includes updating the GSP groundwater quality database with data collected for the Maximum Benefits Monitoring Program, and will include a review of groundwater monitoring reports uploaded to the Santa Ana River Regional Water Quality Control Board's (Water Board) GeoTracker website for the sites identified in the GSP as active remediation sites in the Subbasin. Groundwater quality hydrographs presented in the GSP will be updated with data from the 2018-2019 water year to the 2020-2021 water year. These hydrographs will include updated data for concentrations of nitrate (as nitrogen) and total dissolved solids.

Fee for Task 1.5 \$1,090.00

Task 1 Deliverables

- Groundwater Elevation hydrographs for the 76 wells in the GSP monitoring network
- Groundwater Quality hydrographs showing concentrations of nitrate (as nitrogen) and TDS in groundwater
- Groundwater production table summarizing the volume of groundwater produced for each groundwater user
- Updated figure showing the historical water year-types beginning with the 1953 water year (Figure 2-3 in Chapter 2 of the GSP)
- Plan view maps showing groundwater elevation contours in the Yucaipa Subbasin for the following seasonal highs and lows:
 - Spring 2019
 - Fall 2019
 - Spring 2020
 - Fall 2020
 - Spring 2021
 - Fall 2021

Total Fee for Task 1 \$10,710.00

Task 2 Surface Water Supply

Task 2.1 Update State Water Project Water Importation

An accounting of the volume of State Water Project (SWP) water imported into the Subbasin will be included in the annual report. The volume of SWP water directed to Yucaipa Valley Water District's Yucaipa Valley Water Filtration Facility (YVWFF) and SWP water that was discharged to the Wilson Creek and Oak Glen Creek spreading basins will be reported with an update to Figure 2-21 of Chapter 2 of the GSP.

Fee for Task 2.1 \$1,635.00

Task 2.2 Update Surface Water Diversions

This task will include an update to the volume of surface water diverted from 2019 to 2021 for consumptive use in the Subbasin. Dudek understands that YVWD-25 is the diversion point for surface water flows in Oak Glen Creek. Water produced by this well will be tabulated and used to update Figure 2-21 of Chapter 2 of the GSP.

Fee for Task 2.2\$685.00

***Total Fee for Task 2*..... \$2,320.00**

Task 3 Change in Groundwater in Storage

Task 3.1 Update YIHM

The annual change in groundwater in storage for the 2018-2019, 2019-2020, and 2020-2021 water years will be conducted using the YIHM. The YIHM will be updated with actual pumping information, climatic data and surface water discharged to spreading basins (and potentially storm water flows captured by storm water basins) from 2018 to 2021. An annual water budget analysis will be completed for each water year by identifying the components of inflows and outflows in the Subbasin and the four management areas. This task will also serve as an exercise in validating the YIHM by comparing simulated results to observed conditions since 2018. Validation is a process of evaluating the uncertainty of a numerical model and helps define the error in the results.

The estimated change in storage by the YIHM will be compared to the estimated change in storage in the Yucaipa Subbasin included in the *Change in Groundwater Storage for the San Bernardino, Rialto-Colton and Yucaipa Basin Areas* reports prepared by San Bernardino Valley Municipal Water District, and to observed groundwater level fluctuations since 2018. For example, if the YIHM simulates a decline in storage is this result supported by observed declines in groundwater levels?

Fee for Task 3.1 \$3,340.00

Task 3.2 Water Budget Analyses and Figure Updates

The estimated annual changes in storage by the YIHM will be used to update the following figures depicting the annual water budget analyses and changes in storage: Figure 2-62 (Yucaipa Subbasin), Figure 2-66 (North Bench Management Area), Figure 2-69 (Calimesa Management Area), Figure 2-71 (Western Heights Management Area), and Figure 2-73 (San Timoteo Management Area) in Chapter 2 of the GSP.

Fee for Task 3.2 \$2,580.00

***Total Fee for Task 3*..... \$5,920.00**

Task 4 Annual Report

Task 4.1 Prepare Draft Annual Report

Dudek will prepare a draft of the annual report for the Yucaipa-SGMA to review and provide comments. The draft report will include all required reporting sections listed in 23 CCR §356.2, including tables, figures, and appendices to support the findings in the annual report. The annual report will conclude with an assessment of the implementation of the GSP, addressing data gaps identified in the GSP, and a description summarizing whether any management actions were implemented and why. The report will also include an assessment of the monitoring network and will identify any modifications or issues that affect the collection of data and evaluation of conditions in the Subbasin.

Dudek anticipates providing a draft copy of the annual report to the Yucaipa-SGMA to review on March 4, 2022. Dudek anticipates two weeks for the Yucaipa-SGMA to review and provide comments; and two weeks for Dudek to address all comments and revise the draft annual report accordingly.

DWR has prepared Microsoft Excel data upload templates for GSA's to report basin wide groundwater extraction, surface water supplies, and total water use data. Dudek will utilize these templates to ensure that the data is reported consistently per the requirements by DWR and uploaded successfully to the Monitoring Network Module on their SGMA Portal (<https://sgma.water.ca.gov/portal/>).

There is no formal requirement per SGMA for the Yucaipa-SGMA to release a draft of an annual report for public review. Therefore, this task does not include the submittal of a draft of the annual report for public review.

Fee for Task 4.1 \$7,000.00

Task 4.2 Prepare Final Annual Report

The draft annual report will be revised per comments and suggested edits received by the Yucaipa-SGMA. A final version of the annual report will be prepared for submittal to DWR by April 1, 2022.

Fee for Task 4.2 \$1,370.00

Task 4 Deliverables

- Draft Annual Report to the Yucaipa-SGMA
- Final Annual Report for Submittal to DWR

Total Fee for Task 4 **\$8,370.00**

Schedule

The anticipated schedule for preparing the first annual report for the Yucaipa Subbasin follows:

- **December 2021** - Anticipated Start Date per authorization by the Yucaipa-SGMA to proceed

- **March 4, 2022** - Draft Annual Report to Yucaipa-SGMA to review and provide comments
- **March 7 – 18, 2022** – Review period for Yucaipa-SGMA
- **March 21 – 31, 2022** – Dudek to revise draft annual report per Yucaipa-SGMA comments
- **April 1, 2022** – Submit Final Annual Report to DWR with Excel Data templates

Fee Summary

The fee presented in this proposal will be charged on a time and materials basis in accordance with Dudek’s 2021 Standard Schedule of Charges. The time and materials fee provided in this proposal represents an estimate of the anticipated level of effort required to complete the tasks described in the proposal. Should the actual effort required to complete the tasks be less than anticipated, the amount billed will be less than the total fee. Conversely, should the actual effort to complete the proposed tasks be greater than anticipated, additional fee authorizations will be requested. No work in excess of the proposed fee or outside of the proposed scope of work will be performed without written authorization from the Yucaipa-SGMA.

TOTAL FEE..... \$27,320.00

Dudek appreciates the opportunity to present this proposal to prepare the first annual report for the Yucaipa Subbasin following the adoption of the GSP. We look forward to continuing our working relationship with the Yucaipa-SGMA and assisting the Yucaipa-SGMA in sustainably managing the Subbasin now and in to the future.

If you have any questions regarding this proposal, please call me at 760-415-9079 or email me at sstuart@dudek.com.

Sincerely,



Steven Stuart, PE C79764
Principal Hydrogeologist, Project Manager

Att.: *Table 1. Fee for 2022 Yucaipa GSP Annual Report*
Dudek 2021 Standard Schedule of Charges
cc: *Matt Howard, San Bernardino Valley Municipal Water District*

Attachment A

Table 1. Fee for the 2022 Yucaipa GSP Annual Report
Dudek 2021 Standard Schedule of Charges

TABLE I. FEE FOR 2022 YUCAIPA GSP ANNUAL REPORT
DUDEK FEE SCHEDULE

		<i>Team Member:</i>	Steven Stuart, PE	Trevor Jones, PhD	Xiomara Rosenblatt	TOTAL HOURS	LABOR COST	TOTAL
		<i>Project Team Role:</i>	Project Manager	Numerical Model	Hydrogeologist			
		<i>Labor Class:</i>	Principal Hydrogeologist II	Sr. Hydrogeologist I	Hydrogeologist II			
		<i>Billable Rate :</i>	\$265	\$190	\$140			
Task 1 - Groundwater Evaluations								
1-1	Update Groundwater Elevations	2		12	14	\$ 2,210	\$ 2,210	
1-2	Update Water Year-Types	2		10	12	\$ 1,930	\$ 1,930	
1-3	Plan View Maps of Seasonal Highs and Lows	6		18	24	\$ 4,110	\$ 4,110	
1-4	Update Groundwater Production	2		6	8	\$ 1,370	\$ 1,370	
1-5	Update Groundwater Quality	2		4	6	\$ 1,090	\$ 1,090	
	Subtotal Task 1	14		50	64	\$ 10,710	\$ 10,710	
Task 2 - Surface Water Supplies								
2-1	SWP Water Importation	3		6	9	\$ 1,635	\$ 1,635	
2-2	Surface Water Diversions	1		3	4	\$ 685	\$ 685	
	Subtotal Task 2	4		9	13	\$ 2,320	\$ 2,320	
Task 3 - Change in Groundwater in Storage								
3-1	Update YIHM	4	12		16	\$ 3,340	\$ 3,340	
3-2	Water Budget Analyses and Figure Updates	4	8		12	\$ 2,580	\$ 2,580	
	Subtotal Task 3	8	20		28	\$ 5,920	\$ 5,920	
Task 4 - Annual Report								
4-1	Draft Report and Address Comments	8	8	24	40	\$ 7,000	\$ 7,000	
4-2	Final Report	2		6	8	\$ 1,370	\$ 1,370	
	Subtotal Task 4	10	8	30	48	\$ 8,370	\$ 8,370	
Total Hours and Fee		36	28	89	153	\$27,320.00	\$27,320.00	

DUDEK

2021 STANDARD SCHEDULE OF CHARGES

ENGINEERING SERVICES

Project Director.....	\$295.00/hr
Principal Engineer III.....	\$275.00/hr
Principal Engineer II.....	\$265.00/hr
Principal Engineer I.....	\$255.00/hr
Program Manager.....	\$240.00/hr
Senior Project Manager.....	\$240.00/hr
Project Manager.....	\$235.00/hr
Senior Engineer III.....	\$230.00/hr
Senior Engineer II.....	\$220.00/hr
Senior Engineer I.....	\$210.00/hr
Project Engineer IV/Technician IV.....	\$200.00/hr
Project Engineer III/Technician III.....	\$190.00/hr
Project Engineer II/Technician II.....	\$175.00/hr
Project Engineer I/Technician I.....	\$160.00/hr
Senior Designer.....	\$180.00/hr
Designer.....	\$170.00/hr
Assistant Designer.....	\$165.00/hr
CADD Operator III.....	\$160.00/hr
CADD Operator II.....	\$150.00/hr
CADD Operator I.....	\$135.00/hr
CADD Drafter.....	\$125.00/hr
CADD Technician.....	\$115.00/hr
Project Coordinator.....	\$140.00/hr
Engineering Assistant.....	\$120.00/hr

ENVIRONMENTAL SERVICES

Project Director.....	\$245.00/hr
Senior Specialist IV.....	\$230.00/hr
Senior Specialist III.....	\$220.00/hr
Senior Specialist II.....	\$200.00/hr
Senior Specialist I.....	\$190.00/hr
Specialist V.....	\$180.00/hr
Specialist IV.....	\$170.00/hr
Specialist III.....	\$160.00/hr
Specialist II.....	\$145.00/hr
Specialist I.....	\$130.00/hr
Analyst V.....	\$120.00/hr
Analyst IV.....	\$110.00/hr
Analyst III.....	\$100.00/hr
Analyst II.....	\$90.00/hr
Analyst I.....	\$80.00/hr
Technician V.....	\$100.00/hr
Technician IV.....	\$90.00/hr
Technician III.....	\$80.00/hr
Technician II.....	\$70.00/hr
Technician I.....	\$60.00/hr
Compliance Monitor.....	\$95.00/hr

DATA MANAGEMENT SERVICES

GIS Programmer I.....	\$185.00/hr
GIS Specialist IV.....	\$160.00/hr
GIS Specialist III.....	\$150.00/hr
GIS Specialist II.....	\$140.00/hr
GIS Specialist I.....	\$130.00/hr
Data Analyst III.....	\$100.00/hr
Data Analyst II.....	\$90.00/hr
Data Analyst I.....	\$80.00/hr
UAS Pilot.....	\$100.00/hr

CONSTRUCTION MANAGEMENT SERVICES

Principal/Manager.....	\$195.00/hr
Senior Construction Manager.....	\$180.00/hr
Senior Project Manager.....	\$165.00/hr
Construction Manager.....	\$155.00/hr
Project Manager.....	\$145.00/hr
Resident Engineer.....	\$145.00/hr
Construction Engineer.....	\$140.00/hr
On-site Owner's Representative.....	\$140.00/hr
Construction Inspector III.....	\$130.00/hr
Construction Inspector II.....	\$120.00/hr
Construction Inspector I.....	\$110.00/hr
Prevailing Wage Inspector.....	\$135.00/hr

HYDROGEOLOGY/HAZWASTE SERVICES

Project Director.....	\$285.00/hr
Principal Hydrogeologist/Engineer II.....	\$265.00/hr
Principal Hydrogeologist/Engineer I.....	\$250.00/hr
Sr. Hydrogeologist IV/Engineer IV.....	\$235.00/hr
Sr. Hydrogeologist III/Engineer III.....	\$220.00/hr
Sr. Hydrogeologist II/Engineer II.....	\$205.00/hr
Sr. Hydrogeologist I/Engineer I.....	\$190.00/hr
Hydrogeologist VI/Engineer VI.....	\$180.00/hr
Hydrogeologist V/Engineer V.....	\$170.00/hr
Hydrogeologist IV/Engineer IV.....	\$160.00/hr
Hydrogeologist III/Engineer III.....	\$150.00/hr
Hydrogeologist II/Engineer II.....	\$140.00/hr
Hydrogeologist I/Engineer I.....	\$130.00/hr
Technician.....	\$100.00/hr

DISTRICT MANAGEMENT & OPERATIONS

District General Manager.....	\$195.00/hr
District Engineer.....	\$185.00/hr
Operations Manager.....	\$160.00/hr
District Secretary/Accountant.....	\$120.00/hr
Collections System Manager.....	\$135.00/hr
Grade V Operator.....	\$125.00/hr
Grade IV Operator.....	\$110.00/hr
Grade III Operator.....	\$100.00/hr
Grade II Operator.....	\$75.00/hr
Grade I Operator.....	\$70.00/hr
Operator in Training.....	\$65.00/hr
Collection Maintenance Worker.....	\$75.00/hr

CREATIVE SERVICES

3D Graphic Artist.....	\$180.00/hr
Graphic Designer IV.....	\$160.00/hr
Graphic Designer III.....	\$145.00/hr
Graphic Designer II.....	\$130.00/hr
Graphic Designer I.....	\$115.00/hr

PUBLICATIONS SERVICES

Technical Editor III.....	\$145.00/hr
Technical Editor II.....	\$130.00/hr
Technical Editor I.....	\$115.00/hr
Publications Specialist III.....	\$105.00/hr
Publications Specialist II.....	\$95.00/hr
Publications Specialist I.....	\$85.00/hr
Clerical Administration.....	\$90.00/hr

Forensic Engineering – Court appearances, depositions, and interrogatories as expert witness will be billed at 2.00 times normal rates.

Emergency and Holidays – Minimum charge of two hours will be billed at 1.75 times the normal rate.

Material and Outside Services – Subcontractors, rental of special equipment, special reproductions and blueprinting, outside data processing and computer services, etc., are charged at 1.15 times the direct cost.

Travel Expenses – Mileage at current IRS allowable rates. Per diem where overnight stay is involved is charged at cost

Invoices, Late Charges – All fees will be billed to Client monthly and shall be due and payable upon receipt. Invoices are delinquent if not paid within 30 days from the date of the invoice. Client agrees to pay a monthly late charge equal to 1% per month of the outstanding balance until paid in full.

Annual Increases – Unless identified otherwise, these standard rates will increase 3% annually.

The rates listed above assume prevailing wage rates does not apply. If this assumption is incorrect Dudek reserves the right to adjust its rates accordingly.



DATE: January 18, 2022

TO: Board of Directors

FROM: Heather Dyer, CEO/General Manager
Kristeen Farlow, Strategic Communications Manager

SUBJECT: Consider Contract with Innovative Federal Strategies for Consulting and Strategic Advocacy Services

Staff Recommendation

Staff recommends the Board authorize the CEO/General Manager to execute a professional services agreement with Innovative Federal Strategies for Consulting and Strategic Advocacy Services.

Summary

This item was discussed at the December 16, 2021, Policy Workshop and the Board Members present directed staff to place the item on an upcoming regular Board Meeting for consideration. Innovative Federal Strategies provides advocacy and coordination on our federal issues both in D.C. and at a local level with our members of Congress. Their work is of particular value in facilitating high level discussions and bill language related to the U.S. Army Corps of Engineers and Seven Oaks Dam. The total cost of these services is \$78,000 per year and would be applicable for a two-year period (January 2022 – December 2023).

Background

Valley District has contracted with Innovative Federal Strategies (IFS) for many years to support the District's federal legislative priorities and goals. IFS provides the District with updates and

reports on relevant legislation and policy efforts in Congress, advocates for programs and policy positions that support our priorities, implements congressional outreach campaigns, supports robust engagement across the federal network, and coordinates with national interest groups on the District's behalf. More recently, IFS helped position Valley District to play a larger role in decisions made on the federal level and has also led the coordination of meetings with the District's federal representatives. In 2021, IFS assisted with meeting coordination with the Army Corps of Engineers as well as District site tours with federal legislators.

During the term of the agreement, IFS will:

- Advocate for programs and positions that support the District's federal funding and policy priorities by:
 - Working with SBVMWD staff to develop legislative funding proposals for Community Project Funding/Congressionally Directed Spending.
 - Facilitating meetings with Members of Congress and their staff.
 - Coordinating with SBVMWD staff to host Members of Congress and their staff to see facilities and projects firsthand.
 - Developing strategies throughout the legislative process to address and advocate for the District's priorities.
 - Real-time tracking of legislation and amendments to legislation.
 - Identifying federal competitive grant funding opportunities through annual appropriations and/or supplemental infrastructure funding bills.
- Support robust engagement across federal agencies as appropriate.
- Coordinate with other advocacy organizations on issues of importance to the District by:
 - Coordinating separate meetings with Congressional officials while Board Members and staff are in Washington, D.C.
 - Serving on the government relations committee of the National Habitat Conservation Plan Coalition to advocate for funding and policy positions that would have a positive impact on the Upper Santa Ana River Habitat Conservation Plan.

Fiscal Impact

The fiscal impact of the proposed contract is \$78,000 per year for a two-year agreement. This amount is budgeted in the current fiscal year budget under the Consultants category (6360), line-item Federal Advocacy Services.

Attachments

IFS Consulting Services Agreement

CONSULTING SERVICES AGREEMENT

THIS CONSULTING SERVICES AGREEMENT (“*Agreement*”) is entered into as of January 18, 2022 (“*Effective Date*”), by and between San Bernardino Valley Municipal Water District, a municipal water district organized and operating under the Municipal Water District Law of 1911 (“*District*”), and Innovative Federal Strategies, an LLC (“*Consultant*”). District and Consultant are sometimes referred to herein collectively as “*Parties*” and individually as “*Party*.”

RECITALS

A. District is a public agency of the State of California and is in need of a qualified consultant to provide professional services for the following project:

JOB NAME: Consulting and Strategic Advocacy Services

JOB NUMBER: 1836

B. Consultant is duly licensed in the State of California and has the necessary qualifications to provide such professional services.

C. The Parties desire to enter into this Agreement for the purpose of setting forth the terms and conditions upon which Consultant will render such professional services to District.

NOW, THEREFORE, the Parties agree as follows:

ARTICLE I SCOPE OF SERVICES TO BE PERFORMED, TIME OF PERFORMANCE AND TERM

1.1 **Term.** The term (“*Term*”) of this Agreement shall commence on the Effective Date and shall automatically terminate upon earlier of: (a) December 31, 2023; or (b) the successful completion of Services (as defined below), unless earlier terminated.

1.2 **Scope of Services and Time of Performance.** During the Term of this Agreement, Consultant shall perform all services, and provide all materials, equipment, tools, labor, and expertise, necessary to furnish the professional services set forth in Consultant’s proposal in response to the RFP (“*Proposal*”), a true and correct copy of which is attached as *Exhibit “A”* hereto and incorporated herein by reference (collectively, “*Services*”). All Services shall be performed in accordance with the timeframes set forth in the Proposal.

1.3 **Task Orders.** From time to time, the Parties may make changes to or authorize certain work set forth in the scope of Services, including without limitation issuing additional instructions, requiring additional work, or deleting work previously ordered, by executing one or more task orders (each a “*Task Order*”). The provisions of this Agreement shall apply to all such Task Orders. The costs of each Task Order, or any modification of time for completion that might be required thereby, shall be mutually agreed upon in writing by District and Consultant before commencement of the work called for by such Task Order. A Task Order is a request for additional

Services and/or changes to Services, and shall not be effective unless and until accepted in writing by both Parties. Consultant shall be solely responsible for all costs and expenses associated with any additional Services, including additional Services already performed, that have not been specifically agreed upon in writing by Consultant and District. As used in this Agreement, the term “*Services*” shall include Services added, deleted, or modified by any Task Order.

1.4 Qualifications. Consultant represents and warrants to District that it has the qualifications, experience, licenses, and facilities necessary to properly perform the Services in a timely, competent, and professional manner.

1.5 Licenses. Consultant shall, in accordance with applicable laws and ordinances, obtain and maintain at its expense all permits and licenses necessary to accomplish the Services. Failure to maintain a required permit or license may result in immediate termination of this Agreement.

1.6 Standard of Care. Consultant shall perform all Services in accordance with generally accepted professional practices and principles and in a manner consistent with the level of care and competence ordinarily exercised by members of the profession currently practicing under similar conditions and in compliance with all federal, state, and local laws, rules, regulations, or ordinances applicable to the Services.

1.7 Relations with Construction Contractor. Consultant shall not directly or indirectly communicate with or consult with any construction or other District contractor utilized in the project, except in the presence of or with the specific written consent of the District.

1.8 Non-Exclusivity. District agrees that Consultant may perform services in matters that are not substantially related to the Services for people or entities that are or might be adverse to District. Subject to the restrictions of this Section 1.8 and Sections 3.2 and 3.3, Consultant will have no obligation to limit or restrict the assignment of its consultants, employees, and principals to other projects as a result of their performance of the Services.

ARTICLE II COMPENSATION AND EXPENSES

2.1 Compensation. As full and complete compensation for the Services to be rendered by Consultant, District shall pay Consultant for all Services performed pursuant to this Agreement, inclusive of subconsultants and miscellaneous expenses, in the amount and on the schedule set forth in the Proposal (“*Compensation*”), which amount shall not exceed seventy-eight thousand dollars (\$78,000) (“*Maximum Fee*”) per year. To the extent different payment terms are set forth in a Task Order that conflict with the general payment terms set forth in the Proposal, the terms in the Task Order shall control. Consultant acknowledges and agrees that in no event shall Consultant receive or have a claim of any kind for any payment in excess of the Maximum Fee for any work, including additional Services under any Task Order, performed under this Agreement, unless such amount exceeding the Maximum Fee is specifically approved in writing by District.

2.2 Billing Procedure. On or before the tenth (10th) day of each month, Consultant will submit to District an accurate and complete statement (“*Invoice*”) for Services actually performed

during the previous month and other amounts due under this Agreement. Each Invoice shall include, at a minimum: (a) District's job name; (b) District's job number; (c) Consultant's point of contact for billing questions; (d) basis of billing; (e) total contract value; (f) total billing to date; (g) amount remaining in contract; (h) estimated percentage of completion at time of billing; and (i) a summary of Services actually performed during the billing period. Each Invoice shall be supported by such data substantiating Consultant's right to payment as District may reasonably require.

2.3 Payment. District shall pay to Consultant within thirty (30) calendar days after receipt of an Invoice, or the resolution of any billing dispute, all undisputed amounts. District may withhold a portion of an Invoice because of defective Services not remedied or unsatisfactory prosecution of the Services by Consultant. District will release any withheld funds upon Consultant satisfactorily remedying the issue that resulted in the withholding. District will not pay late fees to Consultant on the compensation due Consultant under the terms of this Agreement. Payment of any Invoice shall not constitute acceptance of any Services completed by Consultant, and the making of final payment shall not constitute a waiver of any claims by District for any reason whatsoever.

2.4 Disputed Invoices. In the event District disputes an Invoice, District shall provide a written explanation of the dispute to Consultant within thirty (30) days after receiving the Invoice. District and Consultant shall cooperate to resolve any disputed amount. District shall not be penalized for any reasonable dispute and shall not be obligated to pay any amount in dispute until the dispute has been resolved.

2.5 Expenses. District must pre-approve in writing each reasonable and necessary expense for which Consultant intends to seek reimbursement, which expenses are directly related to the performance of the Services. If pre-approved, such expenses for reasonable and necessary travel, lodging, or miscellaneous expenses incurred in the performance of this Agreement will be reimbursed to Consultant in accordance with District's general reimbursement policy. Consultant shall submit an Invoice of all incurred expenses accompanied by reasonable supporting documentation or transaction receipts. Invoices that fail to include reasonable supporting documentation or receipts will not be honored and District will have no obligation of any kind to reimburse Consultant for unsupported expenses listed on such Invoices.

2.6 Taxes. Any Taxes imposed by governing taxing authorities with respect to the Services will be the responsibility of Consultant. "**Taxes**" shall mean all taxes imposed with respect to the provision of the Services and associated amounts payable with respect to the Services, whether denominated as sales taxes, gross receipts taxes, transaction privilege taxes, use taxes, excise taxes, or otherwise.

ARTICLE III WORK PRODUCT; CONFIDENTIAL INFORMATION

3.1 Project Data. Consultant shall be exclusively responsible for obtaining from the appropriate sources, persons or third parties, all data and information necessary for the proper, timely and complete performance and satisfaction of the Services.

3.2 Work Product. Upon completion or other termination of this Agreement, Consultant shall provide to District, and such other consultants approved by District, all papers, maps, models, designs, calculations, surveys, reports, data, notes, computer files, documents, drawings and other work product (collectively "**Work Product**") developed from or associated with the Services. Upon completion of the Services, Consultant shall provide one reproducible physical copy and one electronic copy of all final Work Product described in the Proposal, in forms acceptable to District. Consultant acknowledges that all Services performed or Work Product prepared for District by Consultant hereunder, including without limitation all data, calculations, reports, models, working notes, drawings, designs, improvements, trademarks, patents, copyrights (whether or not registered or patentable), and specifications developed or prepared by Consultant in connection with or related to such Services or Work Product shall become the sole and exclusive property of District, unless specifically otherwise agreed upon in writing by District and Consultant. Consultant hereby unconditionally assigns, transfers and conveys to District all rights, interests and claims of any kind related thereto, including copyright. Consultant shall promptly disclose such Work Product to District and, at the District's expense, perform all actions reasonably requested by District (whether during or after the Term) to establish and confirm such ownership (including, without limitation, executing any necessary assignments, consents, powers of attorney, and other instruments). Notwithstanding the preceding, all pre-existing intellectual property owned by Consultant which is incorporated in or utilized to develop the Services performed or Work Product prepared for District hereunder shall remain the sole and exclusive property of Consultant; provided, however, that Consultant grants to District a non-exclusive, perpetual, fully transferable, worldwide, royalty-free, limited license to use such pre-existing intellectual property in connection with such Services or Work Product. Consultant shall not be held liable for reuse of Work Product or modifications thereof by District or its representatives for any purpose other than the original intent of this Agreement, without written authorization of Consultant.

3.3 Confidential Information. Consultant acknowledges that during the Term it may receive or have access to certain information, observations, and data (including without limitation trade secrets, designs, ideas, products, research, software, financial data, and personal information) concerning the business or affairs of District which is designated as confidential or proprietary or should reasonably be understood to be confidential given the nature of the information and the circumstances surrounding its disclosure ("**Confidential Information**"). All Confidential Information is, and shall remain, the property of District. Consultant shall: (a) use all Confidential Information solely for the purpose of providing the Services described in this Agreement; (b) hold all Confidential Information in strict confidence; (c) protect all Confidential Information from dissemination to, and unauthorized access or use by, any third party, using the same level of care and discretion that it uses with its own similar information, which in no case will be less than commercially reasonable care; (d) restrict access to all Confidential Information to such of its personnel, agents, and/or subconsultants, if any, who have a need to have access in order to provide the Services and who are under obligations of confidentiality substantially similar to those in this Agreement; and (e) return or destroy all Confidential Information of the other Party in its possession upon termination or expiration of this Agreement and promptly confirm such return or destruction. Consultant shall not sell or make any unauthorized use of any Confidential Information.

**ARTICLE IV
BOOKS AND RECORDS**

4.1 Books and Records. Consultant shall keep and preserve for no less than four (4) years after the date of final billing or termination of this Agreement, whichever shall first occur, accurate and detailed records of all ledgers, books of account, invoices, vouchers, cancelled checks, and other documents or records evidencing or relating to the Services and disbursements charged to District under this Agreement (collectively, “**Books and Records**”). All Books and Records shall be maintained in accordance with generally accepted accounting principles and must be sufficiently complete and detailed so as to permit an accurate evaluation of the Services provided by Consultant under this Agreement. District and its agents shall be given full access to such Books and Records during normal business hours. District and its agents shall have the right to make copies of any of the said Books and Records.

4.2 Work Product Documentation. Consultant further agrees to maintain all design calculations and final Work Product on file in legible and readily accessible form. In addition to the requirements of Section 3.2, Consultant shall make copies of such material available to District, at District’s sole cost and expense, and Consultant shall not destroy the originals of such materials and items, including any additions, amendments or modification thereto, unless District fails to object to such destruction upon Consultant providing District with sixty (60) days advance written notice, indicating that such material is scheduled to be destroyed.

**ARTICLE V
INDEPENDENT CONTRACTOR**

5.1 Status. The Parties hereby acknowledge that in rendering the Services provided hereunder, Consultant shall be deemed to be an independent contractor and shall not be deemed in any way an agent, partner, or joint venturer of District. Consultant acknowledges and agrees that, as an independent contractor, it is solely responsible for the payment of any and all taxes and/or assessments imposed on account of payment to Consultant or the performance of Services by Consultant pursuant to this Agreement.

5.2 Agency Restrictions. Consultant understands and agrees that Consultant shall not represent itself to third parties to be the agent, employee, partner, or joint venturer of District. Furthermore, Consultant shall not make any statements on behalf of or otherwise purporting to bind the District in any contract or otherwise related agreement. Consultant further agrees and acknowledges that Consultant does not have the authority to and shall not sign any contract on behalf of District. Consultant shall not obligate District to do any other act that would bind District in any manner.

5.3 Further Assurances. Consultant shall furnish District with any documents or records that District reasonably believes necessary to properly and timely carry out the Services. District shall first tender written notice to Consultant regarding any documents or records that it reasonably believes necessary to properly carry out the Services. Consultant shall then have ten (10) days from the receipt of such notice to provide District with the requested documents or records.

ARTICLE VI TERMINATION

6.1 Termination. At any time during the Term of this Agreement, District may terminate this Agreement, in whole or in part, with or without cause, upon ten (10) working days' written notice to Consultant. Upon receipt of the termination notice, Consultant shall promptly discontinue Services except to the extent the notice otherwise directs. In the event District renders such written termination notice to Consultant, Consultant shall be entitled to compensation for all Services properly rendered prior to the effective date of the notice and all further Services set forth in the notice. District shall be entitled to reimbursement for any compensation paid in excess of Services properly rendered and shall be entitled to withhold compensation for defective Services or other damages caused by Consultant's work. Consultant acknowledges District's right to terminate this Agreement as provided in this Article VI, and hereby waives any and all claims for damages that might arise from District's termination of this Agreement. Consultant shall deliver to District and transfer title (if necessary) to all completed Work Product. District shall not be liable for any costs other than the charges or portions thereof which are specified herein. Consultant shall not be entitled to payment for unperformed Services, and shall not be entitled to damages or compensation for termination of Services.

ARTICLE VII CALIFORNIA LABOR CODE PROVISIONS FOR PUBLIC WORKS PROJECTS

7.1 Prevailing Wage Rates. Consultant is aware of the requirements of California Labor Code sections 1720 *et seq.* and 1770 *et seq.* (collectively, "***Prevailing Wage Laws***"), which require the payment of prevailing wage rates and the performance of other requirements on certain "public works" and "maintenance" projects. If the Services are being performed as part of an applicable "public works" or "maintenance" project, as defined by the Prevailing Wage Laws, and if the total compensation is \$1,000 or more, Consultant agrees to fully comply with such Prevailing Wage Laws, if applicable. Consultant shall indemnify, defend, and hold harmless District and its directors, officers, employees, and agents from any claims, liabilities, costs, fines, penalties, or interest arising out of any failure or alleged failure of Consultant or its subconsultants to comply with the Prevailing Wage Laws. It shall be mandatory upon the Consultant and all subconsultants to comply with all California Labor Code provisions, including without limitation prevailing wages, employment of apprentices, hours of labor, and debarment of contractors and subcontractors.

7.2 Registration. If the Services are being performed as part of an applicable "public works" or "maintenance" project, in addition to the foregoing, then pursuant to California Labor Code sections 1725.5 and 1771.1, Consultant and all subconsultants must be registered with the Department of Industrial Relations ("***DIR***"). Consultant shall maintain registration for the duration of this Agreement and require the same of any of its subconsultants. This Agreement may also be subject to compliance monitoring and enforcement by the DIR. Consultant shall have sole responsibility to comply with all applicable registration and labor compliance requirements, including the submission of payroll records directly to the DIR.

7.3 Labor Certification. By its signature hereunder, Consultant certifies that it is aware of the provisions of California Labor Code section 3700, which requires every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and Consultant agrees to comply with such provisions before commencing the performance of any Services.

ARTICLE VIII PROJECT MANAGEMENT

8.1 Consultant's Representative. Letitia H. White ("*Consultant's Representative*") is hereby designated as the principal and representative of Consultant authorized to act on its behalf with respect to the Services specified herein and to make all decisions in connection herewith. Consultant shall not substitute Consultant's Representative without first notifying District in writing of Consultant's intent. District shall have the right to review the qualifications of said substitute. If District determines said substitute Consultant's Representative is unacceptable, Consultant shall submit alternate candidates until District determines the substitute Consultant Representative is acceptable.

8.2 District's Representative. Kristeen Farlow ("*District's Representative*") is hereby designated to represent District and except as otherwise provided herein authorized to act on its behalf with respect to the Services specified herein and to make all decisions in connection therewith. District may substitute District's Representative at any time upon written notice to Consultant.

ARTICLE IX INDEMNIFICATION; LIMITATION OF LIABILITY

9.1 Indemnification. Consultant shall indemnify, defend, and hold harmless District and District's directors, officers, employees, representatives, agents, affiliates, subsidiaries, predecessors, successors, and assigns from and against any and all claims, demands, losses, costs, expenses, obligations, liabilities, damages, judgments, fines, penalties, and deficiencies, including attorneys' fees (collectively, "*Claims*"), arising out of or related to any acts or omissions, or goods, products, or services made, furnished, or otherwise provided, or alleged to be made, furnished, or otherwise provided, by Consultant or Consultant's employees, representatives, agents, subconsultants, contractors, subcontractors, suppliers, successors, permitted assigns, or anyone acting on behalf of Consultant in connection with the performance of the Services. Consultant's indemnification responsibility with respect to the Services shall exist and continue regardless of the extent to which District may have reviewed and approved the Services performed by Consultant, except that Consultant shall not be responsible for any Claim attributable to the Services to the extent such Claim is attributable to a decision made by District with respect to which Consultant and District have specifically agreed in writing that District shall be the responsible party. Consultant's indemnification obligations shall not be affected by any insurance provisions or limitations of liability contained in this Agreement. Consultant's indemnification obligations shall continue in full force and effect notwithstanding the completion, expiration, or other termination of this Agreement.

9.2 Limitation of Liability. DISTRICT'S CUMULATIVE AGGREGATE LIABILITY IN CONNECTION WITH THIS AGREEMENT, WHETHER ARISING UNDER CONTRACT OR BASED UPON A CLAIM OF STRICT LIABILITY, NEGLIGENCE, OR ANY OTHER TORT OR STATUTORY BASIS, SHALL BE LIMITED TO THE TOTAL PAYMENTS MADE BY DISTRICT TO CONSULTANT HEREUNDER DURING THE 12-MONTH PERIOD IMMEDIATELY PRECEDING THE EVENT UPON WHICH LIABILITY IS PREDICATED. IN NO EVENT WILL DISTRICT OR ANY OF ITS DIRECTORS, OFFICERS, EMPLOYEES, REPRESENTATIVES, AGENTS, OR AFFILIATES BE LIABLE FOR LOST PROFITS, LOST BUSINESS OPPORTUNITIES, LOST REVENUES, OR FOR EXEMPLARY, PUNITIVE, SPECIAL, INCIDENTAL, DELAY, INDIRECT, OR CONSEQUENTIAL DAMAGES OR THE LIKE, EACH OF WHICH IS HEREBY EXCLUDED BY AGREEMENT OF THE PARTIES REGARDLESS OF WHETHER SUCH DAMAGES WERE FORESEEABLE OR WHETHER DISTRICT HAS BEEN ADVISED OF THE POSSIBILITY THEREOF. THE PARTIES EACH ACKNOWLEDGE THAT THE FORGOING LIMITATION OF LIABILITY IS A MATERIAL CONDITION OF DISTRICT'S WILLINGNESS TO ENTER INTO THIS AGREEMENT, AND THAT DISTRICT WOULD NOT ENTER INTO THIS AGREEMENT BUT FOR SUCH LIMITATION.

ARTICLE X INSURANCE

10.1 Insurance. Consultant shall provide, pay for, and maintain in force at all times during the performance of the Services hereunder, the policies of insurance set forth below. Consultant shall provide original certificates of insurance and endorsements evidencing coverage on forms reasonably acceptable to District prior to commencing any Services under this Agreement and promptly upon request thereafter. The existence of the required insurance coverage under this Agreement shall not be deemed to satisfy, substitute for, or otherwise limit Consultant's indemnification obligations under this Agreement. Consultant acknowledges that the insurance coverage and the policy limits set forth in this Agreement constitute the minimum coverage and policy limits required.

(a) Commercial General Liability Insurance covering liabilities for death and personal injury, liabilities for loss of or damage to property, and contractual indemnity obligations with a combined single limit of \$1,000,000 per occurrence and \$2,000,000 in the aggregate.

(b) Automobile Liability Insurance for bodily injury or death and property damage, including coverage for owned, non-owned, leased, and hired auto, with a minimum \$1,000,000 per person and \$2,000,000 per occurrence.

(c) Workers' Compensation Insurance as required by applicable law.

(d) Employers' Liability Insurance with limits of at least \$1,000,000 per occurrence.

(e) Professional Liability Insurance/Errors and Omissions Liability Insurance appropriate to Consultant's profession, with limits of liability of not less than \$2,000,000 each claim/annual aggregate.

10.2 Policy Requirements. All insurance policies required pursuant to this Agreement shall:

(a) For all liability policies, include an additional insured endorsement at least as broad as ISO CG 2010 07 04 and consistent therewith naming as additional insureds “San Bernardino Valley Municipal Water District and its directors, officers, employees, representatives, agents, affiliates, subsidiaries, predecessors, successors, and assigns”.

(b) Be on an “occurrence” basis, not a “claims-made” basis. The foregoing policies must contain an aggregate limit not less than the occurrence limit. The required limits may be satisfied by a combination of a primary policy and an excess or umbrella policy.

(c) Be primary and non-contributory with any insurance programs carried by or available to District.

(d) Waive all rights of subrogation and contribution against District and its insurers.

(e) Provide that coverage shall not be revised, cancelled or reduced until at least thirty (30) days’ written notice of such revision, cancellation or reduction shall have been given to District. In the event any policies of insurance are revised, cancelled or reduced, Consultant shall prior to the revision, reduction or cancellation date, submit evidence of new insurance to District complying with this Agreement.

(f) Be issued by insurance companies which are qualified to do business in the State of California and which have a current rating of A-VIII or better in Best’s Insurance Report.

10.3 Subconsultant Insurance. In the event Consultant subcontracts any portion of its performance, the agreement between Consultant and the subconsultant shall require the subconsultant to carry the same policies of insurance that Consultant is required to maintain pursuant to this Agreement.

ARTICLE XI REPRESENTATIONS AND WARRANTIES

11.1 Representations and Warranties. Each Party represents and warrants the following:

(a) Such Party is duly organized, validly existing, and in good standing under the laws of its state of formation or incorporation and has all requisite power and authority to conduct the business with which it conducts and proposes to conduct.

(b) All action on the part of such Party necessary for the authorization, execution, delivery, and performance of this Agreement, and the consummation of the transactions contemplated herein, has been properly taken and obtained in compliance with applicable law.

(c) Such Party has not entered into nor will either enter into any agreement (whether written or oral) in conflict with this Agreement or which would prevent such Party from performing its obligations under this Agreement.

(d) Such Party has the contacts and expertise, and will reasonably allocate its financial and time resources on a best efforts basis to enable it to perform its obligations hereunder.

ARTICLE XII MISCELLANEOUS

12.1 Entire Agreement. This Agreement contains the entire understanding between the Parties, and supersedes any prior understanding and/or written or oral agreements between them, respecting the subject matter of this Agreement. There are no representations, agreements, arrangements, or understandings, oral or written, by and between the Parties relating to the subject matter of this Agreement that are not fully expressed herein.

12.2 Assignment. Consultant may not assign its rights and obligations hereunder, in part or in whole, without the prior written consent of District, which consent may be granted or withheld in District's sole discretion.

12.3 Succession. This Agreement shall be binding upon and inure to the benefit of the Parties named herein and their respective successors and permitted assigns.

12.4 No Third-Party Beneficiaries. This Agreement shall not confer any rights or remedies upon any person or entity other than the Parties and their respective successors and permitted assigns.

12.5 Headings. The section headings contained in this Agreement are inserted for convenience only and shall not affect in any way the meaning or interpretation of this Agreement.

12.6 Notices. Any notice to be given or to be served upon either Party hereto in connection with this Agreement must be in writing and shall be deemed to have been given and received: (a) when personally delivered; (b) two (2) days after it is sent by Federal Express or similar overnight courier, postage prepaid and addressed to the Party for whom it is intended, at that Party's address specified below; (c) three (3) days after it is sent by certified or registered United States mail, return receipt requested, postage prepaid and addressed to the Party for whom it is intended, at that Party's address specified below; or (d) as of the date of electronic mail transmission addressed to the Party for whom it is intended, at that Party's electronic mail address specified below, and provided that an original of such notice is also sent to the intended addressee by means described in clauses (a), (b), or (c) within two (2) business days after such transmission. Either Party may change the place for the giving of notice to it by thirty (30) days prior written notice to the other Party as provided herein.

If to District: San Bernardino Valley Municipal Water District
Attn: Kristeen Farlow
380 East Vanderbilt Way
San Bernardino, CA 92408
Telephone: (909) 387-9253
E-Mail: kristeenf@sbsvmwd.com

If to Consultant: Innovative Federal Strategies
Attn: Letitia White
511 C Street NE
Washington, DC 20001
Telephone: (202) 347-5990
E-Mail: lwhite@innofed.com

12.7 Governing Law; Venue. This Agreement shall be governed by and interpreted in accordance with the laws of the State of California, excluding any choice of law provision that would apply the laws of any other jurisdiction. The Superior Court of the State of California in and for San Bernardino County shall have exclusive jurisdiction to adjudicate any dispute arising out of or relating to this Agreement. Each Party hereby consents to the jurisdiction of such court and waives any right it may otherwise have to challenge the appropriateness of such forum, whether on the basis of the doctrine of forum *non conveniens* or otherwise.

12.8 Waivers. No waiver by any Party of any default, misrepresentation, or breach of warranty or covenant hereunder, whether intentional or not, shall be deemed to extend to any prior or subsequent default, misrepresentation, or breach of warranty or covenant hereunder or affect in any way any rights arising by virtue of any prior or subsequent occurrence.

12.9 Amendment. Except as expressly provided otherwise herein, this Agreement may not be modified, altered, or changed in any manner whatsoever except by a written instrument duly executed by authorized representatives of both Parties.

12.10 Severability. If any provision of this Agreement shall be deemed or held to be invalid or unenforceable for any reason, such provision shall be adjusted, if possible, rather than voided, so as to achieve the intent of the Parties to the fullest extent possible. In any event, such provision shall be severable from, and shall not be construed to have any effect on, the remaining provisions of this Agreement, which shall continue in full force and effect.

12.11 Time of the Essence. Time is of the essence in the performance of each and every provision or obligation of this Agreement as to which time is an element.

12.12 Release of Information and Advertising. Consultant shall not, without the prior written consent of District, make any news release or other public disclosure regarding this Agreement.

12.13 Construction. The Parties have participated jointly in the negotiation and drafting of this Agreement. In the event an ambiguity or question of intent or interpretation arises, this Agreement shall be construed as if drafted jointly by the Parties and no presumption or burden of

proof shall arise favoring or disfavoring any Party by virtue of the authorship of any of the provisions of this Agreement. Any reference to any federal, state, local, or foreign statute or law shall be deemed also to refer to all rules and regulations promulgated thereunder, unless the context requires otherwise. The word “including” shall mean including without limitation.

12.14 Attorneys’ Fees. If any legal action is necessary to enforce or interpret the terms of this Agreement, the prevailing Party shall be entitled to reasonable attorneys’ fees, reasonable expert witness fees, costs, and necessary disbursements in addition to any other relief to which that Party may be entitled.

12.15 Counterparts. This Agreement may be executed in any number of counterparts, each of which shall be deemed an original and all of which when taken together shall constitute one and the same instrument. Signatures may be delivered electronically or by facsimile and shall be binding upon the Parties as if they were originals.

[Signature Page Follows]

IN WITNESS WHEREOF, the Parties hereby execute this Agreement as of the Effective Date.

DISTRICT:

SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT

By: _____

Name: _Heather Dyer_____

Its: _CEO/General Manager_____

CONSULTANT:

INNOVATIVE FEDERAL STRATEGIES

By: _____

Name: _____

Its: _____

EXHIBIT "A"

INNOVATIVE FEDERAL STRATEGIES, LLC

Comprehensive Government Relations

December 6, 2021

Ms. Heather Dyer
General Manager
San Bernardino Valley Municipal Water District
380 East Vanderbilt Way
San Bernardino, CA 92408

Dear Heather,

In response to our recent conversation, I have prepared this renewal letter of retainer. We have been honored to represent the San Bernardino Valley Municipal Water District, and we look forward to continuing to work with the Board and staff to help you achieve your future goals. We are especially pleased that a number of Board members have made visiting Washington, DC a priority over the last several years in conjunction with national conferences where we've been able to schedule one-on-one meetings with Members of Congress and their staff.

Innovative Federal Strategies is well suited to continue assisting the San Bernardino Valley Municipal Water District in efforts to track and report on relevant legislation and policy efforts in Congress, advocate for programs and policy positions that support your priorities, implement congressional outreach campaigns, support robust engagement across the federal ecosystem, and coordinate with national groups like the Association of California Water Agencies and the National Habitat Conservation Plan Coalition.

With over 150 years of combined federal service, our team is able to offer consulting and strategic advocacy services to a broadly diverse set of clients. We maintain outstanding awareness across a wide-range of germane federal agencies, topics, issues, and programs. We understand the nuanced, complex federal planning, programming, budgeting, contracting, and regulatory processes used throughout the Executive Branch.

During the term of our agreement, IFS will:

- Advocate for programs and positions that support SBVMWD's federal funding and policy priorities by:
 - Working with SBVMWD staff to develop legislative funding proposals for Community Project Funding/Congressionally Directed Spending (i.e. "earmarks");
 - Facilitating meetings with Members of Congress, their staff, and relevant professional staff;
 - Coordinating with SBVMWD staff to host Members of Congress and their staff to see facilities and projects firsthand;
 - Developing strategies throughout the legislative process to address and advocate for SBVMWD priorities;
 - Tracking in real-time legislation and amendments to legislation; and

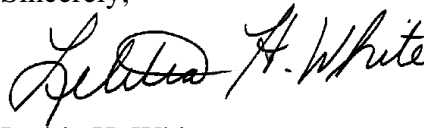
Innovative Federal Strategies LLC

- Identifying federal competitive grant funding opportunities through annual appropriations and/or supplemental infrastructure funding bills.
- Support robust engagement across federal agencies as appropriate.
- Coordinate with other advocacy organizations on issues of importance to SBVMWD by:
 - Coordinating separate meetings with Congressional officials while Board members and staff are in Washington, DC; and
 - Serving on the government relations committee of the National Habitat Conservation Plan Coalition to advocate for funding and policy positions that would have a positive impact on the Upper Santa Ana River Habitat Conservation Plan.

The new term of our contract will begin January 1, 2022 and continue through December 31, 2023. Innovative Federal Strategies will continue to provide weekly updates and monthly progress reports. Innovative Federal Strategies proposes a monthly retainer of \$6,500.00 and reimbursement for business related expenses, payable upon receipt of a monthly invoice. IFS will also comply with all relevant laws and regulations, including filing the required lobbying disclosure reports. Either party to this contract could terminate upon sixty days written notice.

If the foregoing terms and conditions accurately reflect your understanding of the relationship, please sign where indicated and return a copy to us. Again, Innovative Federal Strategies is honored to continue representing the San Bernardino Valley Municipal Water District and its interests.

Sincerely,



Letitia H. White
Principal

As an authorized agent of the San Bernardino Valley Municipal Water District, I agree to the terms laid out in the retainer agreement dated December 6, 2021. Under this retainer agreement, Innovative Federal Strategies will receive a monthly retainer of \$6,500.00 payable NET30 upon receipt of a monthly invoice, and reimbursement for customary business expenses, beginning January 1, 2022 and continuing through December 31, 2023.

Signature

Date

Printed Name



DATE: January 18, 2022

TO: Board of Directors

FROM: Heather Dyer, CEO/General Manager
Wen Huang, Chief Engineer/Deputy General Manager

SUBJECT: Consider Resolution No. 1143 Declaring District's Property APN: 016809107 Exempt Surplus Land

Staff Recommendation:

Adopt Resolution No. 1143 Declaring District's Property APN: 016809107 Exempt Surplus Land.

Background

As part of the 1996 Settlement with the Big Bear Municipal Water District, Valley District acquired two parcels along San Bernardino Avenue in the City of Redlands. Each parcel is approximately 50' by 50', or 2,500 square feet. The easterly parcel is to house the San Bernardino Avenue Well, which is still active and produces water to the City from time to time pursuant to the Redlands Agreement. The westerly parcel has been vacant since it was acquired by the District. There has not been any plan identified for future projects on this parcel. During the City's development of the Redlands Sports Park in mid-2000's, this westerly parcel was inadvertently incorporated into the area of the Park.

In order to facilitate a potential transfer of the parcel to the City, it is recommended that the Board of Directors adopt Resolution No. 1143 declaring this property is surplus and not necessary for Valley District's future use, and that the land may be transferred to the City of Redlands for its use in connection with the Redlands Sports Park, subject to approval of the Board of Directors. By adopting the resolution, the Board of Directors determines the following:

1. The land is surplus and is not necessary for the agency's use. In addition, the Board of Directors authorizes for the subsequent disposition or sale of the property in accordance with the surplus land provisions codified in Government Code section 54220 *et seq.*; and
2. The land is 'exempt surplus land', which is defined as "surplus land that a local agency is transferring to another local, state, or federal agency for the agency's use." (Gov't Code § 54221(f)(1)(D).)

Resolution No. 1143 was drafted by District House Counsel for consideration by the Board. Once the Board of Directors adopts the resolution, there are no further requirements for notifications or priorities in order to sell the property to the City of Redlands.

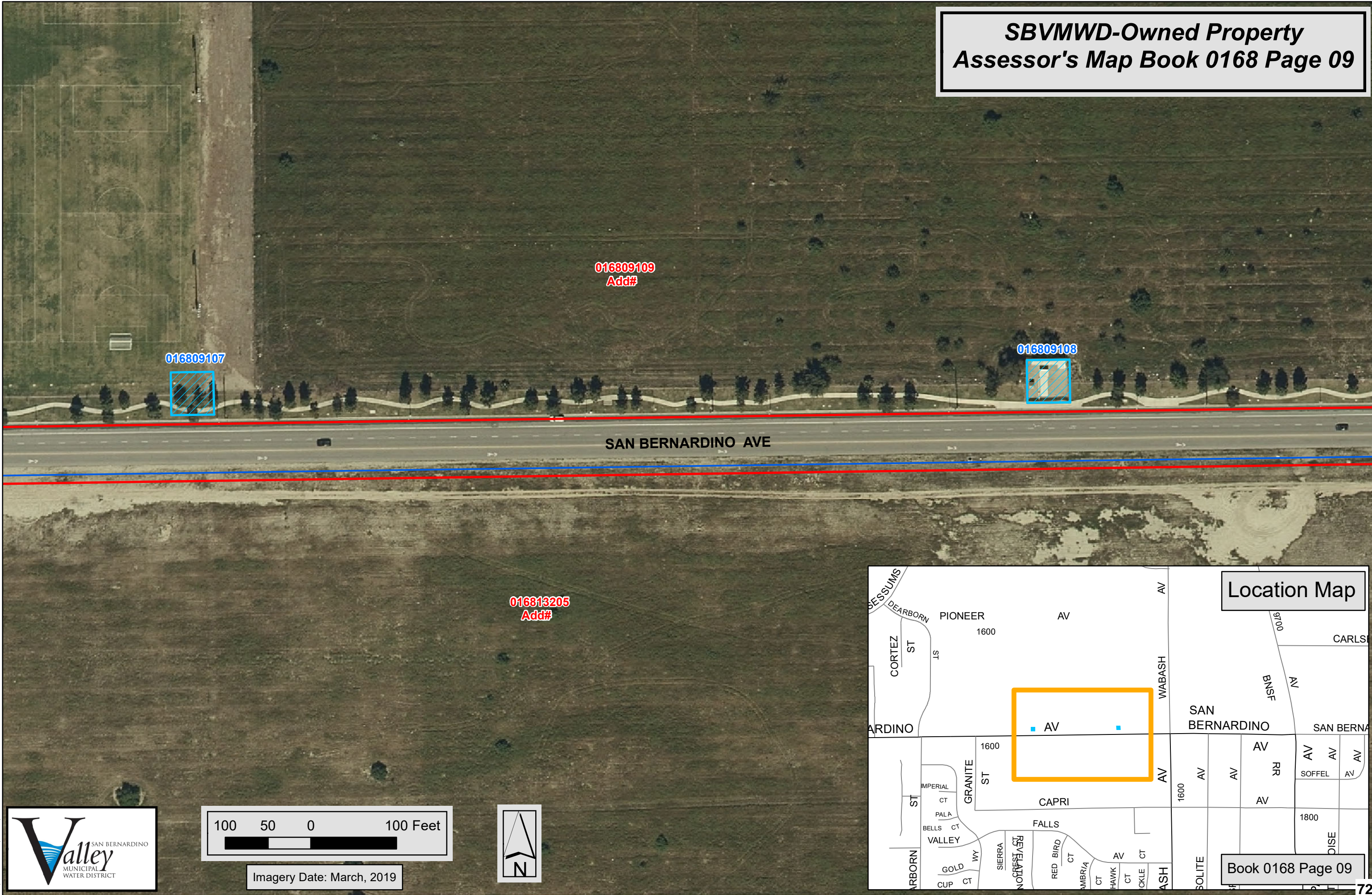
Fiscal Impact:

No fiscal impact for adopting this resolution.

Attachments:

1. Vicinity Map for APN: 016809107
2. Resolution No. 1143 Declaring District's Property APN: 016809107 Exempt Surplus Land

**SBVMWD-Owned Property
Assessor's Map Book 0168 Page 09**



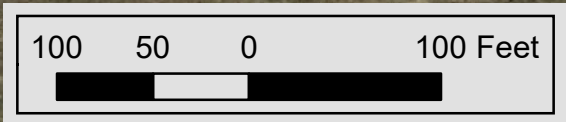
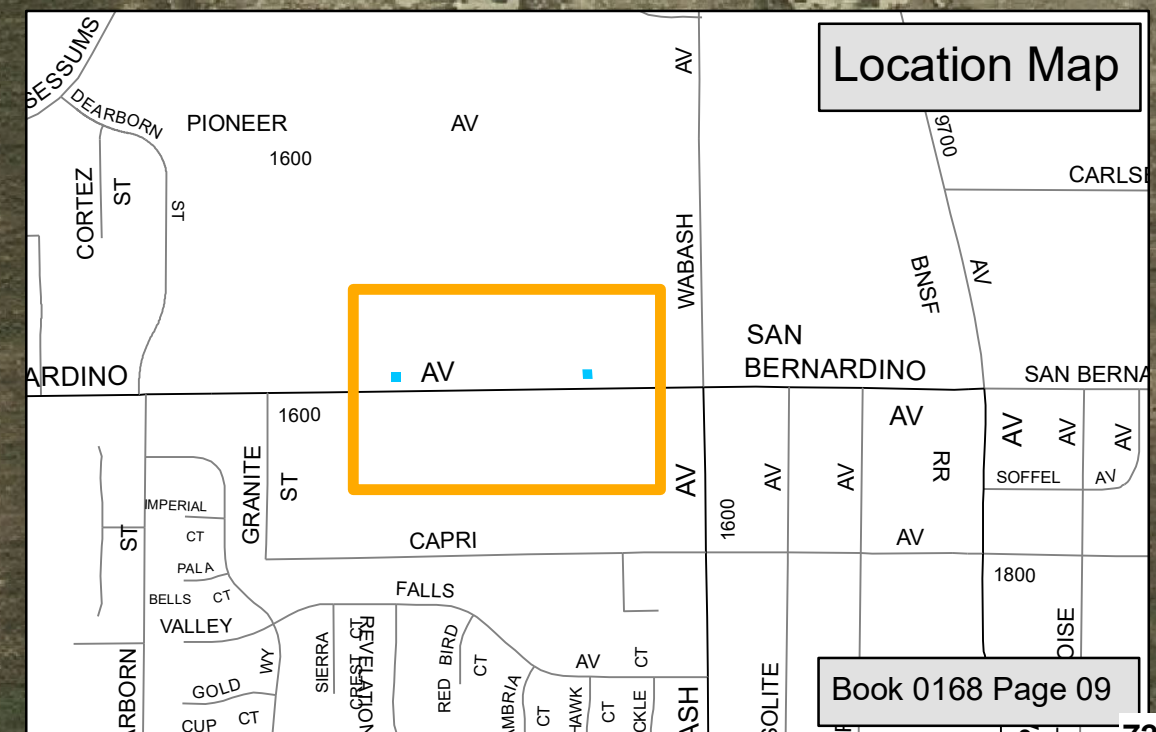
016809109
Add#

016809107

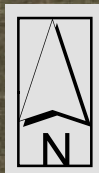
016809108

SAN BERNARDINO AVE

016813205
Add#



Imagery Date: March, 2019



Book 0168 Page 09

RESOLUTION NO. 1143

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT DECLARING CERTAIN REAL PROPERTY LOCATED WITHIN THE CITY OF REDLANDS EXEMPT SURPLUS LAND AND AUTHORIZING THE DISPOSITION OR SALE THEREOF.

WHEREAS, the San Bernardino Valley Municipal Water District (“*Valley District*”) owns approximately 2,500 square feet of real property located west of Wabash Avenue along the north side of San Bernardino Avenue (Assessor Parcel Number 0168-091-07) in the City of Redlands (“*City*”), hereafter referred to as “*Property*”; and

WHEREAS, the Property was acquired by Valley District as part of the 1996 Settlement with the Big Bear Municipal Water District; and

WHEREAS, since the property was acquired by Valley District, there has not been any plan identified for future projects on the Property by Valley District; and

WHEREAS, the Property is part of the City’s larger Redlands Sports Park and the City has improved the Property with concrete curb, gutter, sidewalk, and grass and trees; and

WHEREAS, when real property owned by Valley District is no longer necessary for Valley District’s use, Valley District may declare such property to be surplus land and authorize the subsequent disposition or sale of the property in accordance with the surplus land provisions codified in Government Code section 54220 *et seq.* (the “*Act*”); and

WHEREAS, Government Code section 54221 provides that surplus land that a local agency is transferring to another local agency for the agency’s use may be declared exempt surplus land; and

WHEREAS, Government Code section 54222.3 provides that the Act shall not apply to the disposal of exempt surplus land by a local agency;

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the San Bernardino Valley Municipal Water District as follows:

Section 1. Recitals. The Recitals set forth above are true and correct and are incorporated into this Resolution by this reference.

Section 2. Declaration of Exempt Surplus Land. The Board of Directors of Valley District hereby finds and determines that the Property is no longer necessary for Valley District’s use and authorizes that the Property may be disposed of or sold to the City of Redlands, and, therefore, declares the Property to be exempt surplus land as defined in Government Code section 54221.

Section 3. Exemption from CEQA. The Board of Directors of Valley District hereby finds and determines that the disposition or sale of the Property is exempt from the California Environmental Quality Act (“*CEQA*”) as CEQA Class 12 categorical exemption.

Section 4. This resolution shall be effective upon adoption by the Board of Directors of Valley District.

ADOPTED this _____ day of _____, 2022.

Paul R. Kielhold
President

Heather P. Dyer
Secretary



DATE: January 18, 2022
TO: Board of Directors
FROM: Bob Tincher, Chief Water Resources Officer/Deputy General Manager
SUBJECT: State Water Project Report

Staff Recommendation

Receive and file.

Summary

This month, the topics that staff would like to highlight for the Board are:

1. Local Hydrology
 - a. Our local hydrology is currently on a wet year trajectory. Staff will provide current data at the meeting.
2. State Water Project Hydrology
 - a. Rain and snowfall in northern California are currently tracking with a wet year trajectory. Staff will provide current data at the meeting.
3. 2022 State Water Project Allocation
 - a. The initial zero allocation has not yet been updated based upon the recent rain and snowfall. We expect to receive an updated allocation later this month. The allocation will be adjusted throughout the rainy season based on actual rainfall in northern California. The final allocation is issued in April.

4. Cooperative Agreement with the Regional Water Quality Control Board for SWP

Recharge

- a. Valley District is required to complete 20-year modeling projections for the impacts, if any, of recharging SWP water into the Valley District service area. These reports are required every 6 years. The report concludes that recharge of SWP water improves water quality in the Valley District service area which is consistent with the conclusion drawn in past reports. If the region adopts a salt and nutrient management plan, the reporting requirements in this agreement would be replaced by the requirements in the salt and nutrient management plan.

5. Sites Reservoir

- a. The Sites Project was not selected for a loan under the Water infrastructure Finance and Innovation Act (WIFIA). We have learned that this decision is due largely to the ongoing discussions between the Environmental Protection Agency (EPA) and Office of Management and Budget (OMB) regarding the possible participation of the federal government in the Sites Project. EPA is still very supportive of the project and continues to work with OMB to address their concerns so that the Sites Project can be invited to submit a WIFIA loan application.
- b. As part of the Water Storage and Investment Program (WISP), the California Water Commission voted to advance the Sites Reservoir Project which makes it eligible for \$800 million.
- c. The most recent Sites Reservoir status report is attached for your information.
- d. A 2017 petition containing inaccuracies about Sites Reservoir Project began recirculating in recent weeks. A majority of the signatures were gathered in response to an older version (2017) of the Sites Reservoir project. Numerous changes have been made over the past five years, including substantial and critical modifications to ensure the environment receives ample benefits. Many statements being made today are either based on the outdated information or are simply false. A summary of the false information and corresponding facts have been attached for your use and to share with any of your constituents that may receive the misinformation.

6. California Aqueduct Subsidence

- a. The California Department of Water Resources (DWR) announced that it has initiated a \$100 million funding program to restore conveyance capacity to key

portions of the California Aqueduct, the San Luis Canal, the Delta-Mendota Canal, and the Friant-Kern Canal that have been lost due to subsidence. While Senate Bill 559 (Hurtado), a bill to establish a funding mechanism for subsidence repairs, did not progress to a full vote of the legislature last session, the bill sponsors remain committed to ensuring funding is available to restore these facilities and will continue efforts to pass the legislation next session.

Fiscal Impact

None

Attachments

1. California Water Commission Announcement that Sites Reservoir Project is advancing
2. Sites status report
3. Sites Project response to false claims about the project

Four water storage projects pass important Proposition 1 milestone, continue to advance toward construction

Four groundwater storage and reservoir projects passed a key hurdle set forth in Proposition 1, the 2014 water bond, and were deemed feasible Wednesday by the



California Water Commission. This determination by Commissioners allows the four projects to remain eligible for funding under the \$2.7 billion Water Storage Investment Program (WSIP) created by Proposition 1. The local water districts backing the projects move next to permitting and other tasks that must be completed before they are eligible to receive their final funding awards from the Commission.

In other [Water Storage Investment Program](#) action on Wednesday, the Commission found that two proposed Central Valley water storage projects met certain requirements of Proposition 1 and would be eligible to apply to the WSIP to compete for available funding if the Commission decides to move forward with a second solicitation.

Proposition 1 – the Water Quality, Supply, and Infrastructure Improvement Act of 2014 – imposes a January 1, 2022, deadline for water storage project applicants to complete their feasibility studies, release a draft version of their environmental documents for public review, provide the Department of Water Resources director with documentation of commitments for at least 75 percent of the non-program funding, and have the California Water Commission find their projects feasible.

At the December 15 meeting, the Commissioners determined that the following projects were feasible: the Kern Fan Groundwater Storage Project, Pacheco Reservoir Expansion Project, Sites Project, and Willow Springs Water Bank Conjunctive Use Project.

The [Kern Fan Project](#) would develop a regional water bank to recharge and store up to 100,000 acre-feet of unallocated Article 21 water available from the State Water Project (SWP) operation in the Kern County Groundwater Sub-basin of the San Joaquin Valley Groundwater Basin. Recovery and use of the stored water would provide public benefits in the form of an emergency water supply, intermittent temporary wetland habitat, and pulse flows to aid Chinook salmon. Construction is expected to begin next year.

The [Pacheco Reservoir Expansion Project](#) would enlarge an existing reservoir located in southeast Santa Clara County from 6,000 to 140,000 acre-feet. Public benefits include year-round reservoir releases to Pacheco Creek to provide steelhead habitat, water deliveries to south-of-Delta refuges in below normal water years, and approximately 97,000 acre-feet to be available in response to a drought emergency, earthquake disruption, or Delta disruption. Construction is expected to begin in early 2025.

The [Sites Project](#) would construct a 1.5 million acre-foot off-stream surface storage reservoir in the Sacramento Valley west of the town of Maxwell. Public benefits include water deliveries to the

Sacramento National Wildlife Refuge Complex and to the Yolo Bypass to benefit Delta smelt, incidental storage to capture flood flows, and increased opportunities for recreation at the proposed Stone Corral and Peninsula Hills recreation areas. Construction is expected to begin mid-2024.

The [Willow Springs Water Bank Conjunctive Use Project](#) is proposed as a conjunctive use and reservoir reoperation project that would leverage 500,000 acre-feet of existing groundwater storage facilities and operate conjunctively with the SWP. Public benefits include pulse flows to increase emigration of juvenile Chinook salmon, and up to 215,000 acre-feet of water for emergencies such as a Delta disruption. Construction is expected to begin late 2022.

At the previous two Commission meetings, three other WSIP projects – the [Chino Basin Conjunctive Use Environmental Water Storage/Exchange Program](#), [Los Vaqueros Reservoir Expansion Project](#) and the [Harvest Water Program](#) – all met the statutory deadline and remain eligible for WSIP funding.

“I believe there is nothing more important right now than building out properly vetted water storage projects that will serve our state and its citizens for generations to come,” said Commission Vice-Chair Matt Swanson.

Beyond January 1, 2022, Proposition 1 requires each of the seven projects to meet four additional requirements before they can appear before the Commission for a final funding decision. The applicants must complete final environmental documents, enter contracts for the non-public benefit cost share, contract with other state agencies for the administration of public benefits, and complete all permits required to begin construction. Combined, the projects, if completed, would add 2.77 million acre-feet to California’s water storage capacity.

In January 2021, after one project applicant withdrew from the WSIP, the Commission announced that it would accept screening information for new water storage projects that could meet the requirements tied to the January 1, 2022, deadline in Proposition 1. That screening process closed in October. Two projects – the Stanislaus Regional Water Authority Regional Surface Water Supply Project and the Del Puerto Canyon Reservoir – submitted information. On December 15 both projects were deemed feasible by Commissioners, who also concluded that the projects will advance the long-term objectives to restore ecological health and water management for beneficial uses of the Delta. Thus the two projects would be eligible to apply to the WSIP to compete for available funding if the Commission decides to move forward with a second solicitation. Commissioners will weigh that decision at a future meeting.

###

The nine-member California Water Commission uses its public forum to explore water management issues from multiple perspectives and to formulate recommendations to advise the director of the California Department of Water Resources, and as appropriate, the California Natural Resources Agency, the Governor and Legislature on ways to improve water planning and management in response to California’s changing hydrology. For more information regarding the California Water Commission visit cwc.ca.gov.

Contact: Paul Cambra
(916) 873-5774
paul.cambra@cw.ca.gov

Table 1. Work Plan Key Deliverables				
Reporting Period: November 2021				
Deliverable	Start	Finish	Status	Notes, New Issues or Potential Impacts
Revised Draft EIR/EIS Project Description Chapter	1-Sep-20	28-Dec-20	●	
Revised Public Draft EIR/EIS	1-Sep-20	12-Nov-21	●	Document was completed and released for public review on November 12, 2021.
Summary Report for CWC	28-Sep-21	3-Dec-21	N/A	
Full Operations Analysis for RDEIR/SDEIS	1-Sep-20	12-Jan-21	●	Full operations analysis complete.
Term Sheets for Key Operational Agreements	1-Jan-20	31-Dec-21	●	Term sheets will be reflected in agreements to be developed during the Amendment 3 work period.
Operations Plan, Version 1	1-Jan-20	31-Dec-21	●	
Final Feasibility Report	20-May-21	5-Nov-21	●	Completed Final WSIP Feasibility Report and submitted to CWC staff on November 5, 2021. The Commission will consider determination of Project feasibility on December 15, 2021.
Water Right Application Advanced	1-Sep-20	Feb-22	●	Ongoing meetings and coordination, draft application underway. Schedule revised based on modeling revisions.
Biological Assessment	1-Oct-20	Mar-22	●	Schedule revised based on discussions with CDFW and Reclamation on diversions and exchanges.
Section 106 Programmatic Agreement	1-Sep-20	Mar-22	●	Ongoing meetings and coordination, draft PA under development.
ITP – Section 2081 Permit Construction Application	1-Sep-20	Dec-21	●	Application in final review and on schedule for a December 2021 submittal.
ITP – Section 2081 Permit Operations Application	1-Sep-20	Mar-22	●	Schedule revised based on discussions with CDFW and Reclamation on diversions and exchanges.
Clean Water Act 404/401 Applications	1-Sep-20	Mar-22	●	Schedule adjusted to reflect additional time for discussions on local facility approach. Ongoing joint meetings with SWRCB, RWQCB and USACE.
Summary Report for Early Mitigation / Geotech Mitigation	1-Sep-20	31-Dec-21	N/A	
Preliminary Hydraulics Model	20-May-21	16-Jul-21	●	Preliminary Hydraulic Models and analysis complete.
WIFIA Application	5-Jan-21	23-Jul-21	●	
Plan of Finance	1-Mar-21	22-Oct-21	●	Completed based on October RC/AB action and referenced with CWC Nov 5 submittal.

● = On Track ● = Area of Potential Concern ● = Delayed ● = Completed



Response to claims made about Sites Reservoir

As some of you may know, a 2017 Change.org petition containing inaccuracies about Sites Reservoir Project began recirculating in recent weeks. While being promoted now, it is important to note that a majority of the signatures gathered were collected in response to a previous version (2017) of the Sites Reservoir proposal. Numerous, meaningful changes have been made to the proposed project over the past five years, including substantial and critical modifications to ensure the environment receives ample benefits from Sites. At the core of some of the criticisms in the petition are issues we at the Sites Project Authority and our participants care deeply about – environmental health, freshwater fish preservation, and preserving river water supplies. However, many statements being made today are either based on the outdated version of Sites Reservoir from 2017 or, are simply false.

It's critical for our participants to have factual, timely information on hand as Sites progresses and gains more attention. Below, we have prepared a summary of common misinformation about Sites, and responses that may assist in communicating to others about the 2022 proposed Sites Reservoir Project.

Is Sites Reservoir a private reservoir?

No. Sites Reservoir is funded 100% by local, state, and federal public dollars. There are environmental, recreational and flood control benefits – as well new dry year water supplies secured for public agency ratepayers throughout California. Participation in Sites is broad and diverse, including the Bureau of Reclamation, State of California, urban areas of Southern California and the Bay Area, as well as public irrigation districts in the Sacramento and San Joaquin Valley's.

Does Sites Reservoir need new Delta conveyance?

No. The project is not dependent on the construction of Delta tunnels. Sites Reservoir will function independently, with or without a new Delta conveyance system. The Draft Environmental Impact Report/Statement evaluates Sites Reservoir as a standalone project.

Has the Sites Project Authority consulted with Native American tribes during this process?

Yes. Both the Sites Project Authority and the Bureau of Reclamation have consulted and will continue to consult with recognized Native American tribes regarding impacts to Tribal people and resources. The Authority has reached out to over a dozen tribes under Assembly Bill 52 and is in ongoing consultation under AB 52 with several tribes.

Will the project harm fish species in the Sacramento-San Joaquin Delta?

No. Sites Reservoir does not threaten salmon and other fish. In fact, there are highly protective operating conditions in place that must be in place before diversions into Sites Reservoir can proceed, including adapting to evolving conditions. In addition, the intakes being used for diverting water into Sites Reservoir include state-of-the-art fish screens that are proven to be highly effective at protecting fish. And, the current proposed project includes more cold water for salmon in the driest years when it is needed most. Not only is no harm done, but

there is also a net benefit from this project to Sacramento River salmon, Delta smelt, and the Sacramento-San Joaquin Delta estuary.

Will Sites Reservoir will harm the environment?

Transformational projects of the magnitude and importance of Sites are not without tradeoffs. There are specific elements of the Project that are critical to enhancing environmental conditions. First, the State has made a large investment, through the 2014 passage of Proposition 1, to enhance their ability to support critical aquatic needs. Second, there are opportunities to partner with the State and Federal water projects in coordinated operations that will enhance fishery protections associated with their operations. Beyond these enhancements, the Project itself is being designed to avoid and lessen any environmental concerns and, when necessary, provide appropriate mitigation.

Will Sites Reservoir help increase water supplies in future droughts?

Yes. Sites Reservoir is an insurance policy for future droughts. Sites Reservoir does not rely on snowpack and if the scientific projections are correct about the impacts of climate change (i.e. California is expected to receive about the same annual precipitation that it currently does but more will come as rain instead of snow), then having Sites Reservoir will mean we can safely collect more water in the reservoir for use during future droughts.

Will Sites Reservoir divert water from the Sacramento River even during critically dry years?

It depends. Even during drier years there can be significant precipitation events that present conditions where water can be diverted safely from the river and placed in Sites Reservoir. All diversions will be subject to the highly protective operating conditions that are currently being proposed and will ultimately be permitted by State and Federal regulatory agencies for the Sites Reservoir Project.

Does Sites Reservoir guarantee water to participants?

Sites Reservoir is a beneficiary pays project, which means that the benefits of the project go to those paying. Each participant (including environmental uses) has control over their portion of the storage space and a proportionate share of the water diverted into Sites Reservoir. There is flexibility in the timing and uses of the water, including for the environment. The assurance of water being in the reservoir is largely the result of the individual participant decisions in their operations of their portion of the facility. This way, each member is assured to receive what they pay for in a way that works within and complements that member's water supply portfolio.

Is water from the project is too expensive?

The Sites Project Authority will continue to look at all options to ensure that the project is affordable to all participants. Affordability is essential, and the Project will only move forward if participants decide that it is affordable.



Director's Activity Report

Director's Name **Gil J. Botello (1 of 2- Amended)**

Month Reporting Activity **December 2021**

	Date	Meeting/Activity Description	Explanation Provide description of the meeting or activity and brief explanation on the benefits to the District and work of the Board by your attendance. <i>(Not required for Valley District meetings)</i>	Max 10/month	Travel Cost Estimate <i>(Staff)</i>
1	12/01/2021	Other		\$0	
2	12/02/2021	Other		\$0	
3	12/03/2021	Other		\$0	
4	12/04/2021	Other		\$0	
5	12/05/2021	Other		\$0	
6	12/06/2021	Other		\$0	
7	12/07/2021	Other		\$0	
8	12/07/2021	Other		\$0	
9	12/07/2021	Other		\$0	
10	12/08/2021	Other	IVDA	\$299	
11	12/09/2021	Other		\$0	
12	12/14/2021	Other		\$0	
13	12/14/2021	Other		\$0	
14	12/15/2021	Other		\$0	
15	12/15/2021	Other		\$0	
Total Requested Compensation				\$ 299.00	

The undersigned certifies that the claims hereby stated are for authorized activities as described in the District's approved Resolution establishing rules and procedures for compensation of Directors.

Date: **12/18/2021**

Signed: _____



Director's Activity Report

Month Reporting Activity December 2021

Director's Name **Gil J. Botello (2 of 2)**

Date	Meeting/Activity Description	Explanation	Max 10/month	Travel Cost Estimate (Staff)
1 12/16/2021	Workshop - Resources	Valley District	\$299	
2 12/17/2021	Other	The Climate Center Webinar (Maximizing Benefits from, Climate Investments)	\$299	
3 12/18/2021	Other		\$0	
4 12/19/2021	Other		\$0	
5 12/20/2021	Other		\$0	
6 12/06/2021	Other		\$0	
7 12/07/2021	Other		\$0	
8 12/07/2021	Other		\$0	
9 12/07/2021	Other		\$0	
10 12/08/2021	Other		\$0	
11 12/09/2021	Other		\$0	
12 12/14/2021	Other		\$0	
13 12/14/2021	Other		\$0	
14 12/15/2021	Other		\$0	
15 12/15/2021	Other		\$0	
Total Requested Compensation			\$ 598.00	

The undersigned certifies that the claims hereby stated are for authorized activities as described in the District's approved Resolution establishing rules and procedures for compensation of Directors.

Signed: _____ Date: **12/18/2021**



Director Request for Compensation & Public Disclosure Form

Director's Name **T. Milford Harrison**

Month Reporting Activity **DECEMBER, 2021**

Date	Meeting/Activity Description	Explanation Provide description of the meeting or activity and brief explanation on the benefits to the District and work of the Board by your attendance. (Not required for Valley District meetings)	Max 10/month	Travel Cost Estimate (Staff)
1	12/01/2021 ACWA Mtg	ACWA FALL CONFERENCE, PASADENA	\$299	
2	12/02/2021 ACWA Mtg	ACWA FALL CONFERENCE, PASADENA	\$299	
3	12/03/2021 Assigned Committee Mtg	NATIONAL HCP GOVT. RELATIONS COMMITTEE	\$299	
4	12/06/2021 Assigned Committee Mtg	BTAC COMMITTEE -- POSTED AGENDA	\$299	
5	12/07/2021 Valley District Board Mtg 1	POSTED AGENDA	\$299	
6	12/08/2021 SBV Water Conservation District Mtg	POSTED AGENDA	\$299	
7	12/09/2021 Workshop - Policy	POSTED AGENDA	\$299	
8	12/13/2021 CSDA Mtg	ASBCSD BOARD MEETING	\$299	
9	12/14/2021 Workshop - Engineering	POSTED AGENDA	\$299	
10	12/15/2021 Assigned Committee Mtg	WIFA -- POSTED AGENDA	\$299	
11	12/16/2021 Workshop - Resources	POSTED AGENDA	\$0	
12		Select from List	Per diem?	
13		Select from List	Per diem?	
14		Select from List	Per diem?	
15		Select from List	Per diem?	
Total Requested Compensation			\$ 2,990.00	\$ 0.00

The undersigned certifies that the claims hereby stated are for authorized activities as described in the District's approved Resolution establishing rules and procedures for compensation of Directors.

Digitally signed by T. MILFORD HARRISON
Date: 2020.12.07 15:01:29 -08'00'

T. MILFORD HARRISON

Signed:

Date: **12/30/2021**



Director's Activity Report

Month Reporting Activity December 2021

Director's Name JUNE HAYES

Date	Meeting/Activity Description	Explanation Provide description of the meeting or activity and brief explanation on the benefits to the District and work of the Board by your attendance. (Not required for Valley District meetings)	Max 10/month	Travel Cost Estimate (Staff)
1 12/07/2021	SAWPA Mtg		\$0	
2 12/07/2021	Valley District Board Mtg 1		\$299	
3 12/09/2021	Workshop - Policy		\$299	
4 12/14/2021	Workshop - Engineering		\$299	
5 12/16/2021	Workshop - Resources		\$299	
6 12/21/2021	SAWPA Mtg		\$0	
7 12/23/2021	Retail Agency Board Meeting	WWW	\$299	
8 12/28/2021	Other	webinar on cloud seeding by Zev Levin Karlsruhe Institute of Technology	\$299	
9	Select from List		Per diem?	
10	Select from List		Per diem?	
11	Select from List		Per diem?	
12	Select from List		Per diem?	
13	Select from List		Per diem?	
14	Select from List		Per diem?	
15	Select from List		Per diem?	
Total Requested Compensation			\$ 1,794.00	

The undersigned certifies that the claims hereby stated are for authorized activities as described in the District's approved Resolution establishing rules and procedures for compensation of Directors.

Digitally signed by June D Hayes
Date: 2021.12.31 12:05:29 -08'00'

Signed: June D Hayes Date: 12/31/2021



Director's Activity Report

Director's Name **Paul Kielhold** Month Reporting Activity **December 2021**

Date	Meeting/Activity Description	Provide description of the meeting or activity and brief explanation on the benefits to the District and work of the Board by your attendance. <i>(Not required for Valley District meetings)</i>	Max 10/month	Travel Cost Estimate <i>(Staff)</i>
1	12/01/2021 Other	USAR WIFA	\$299	
2	12/07/2021 Valley District Board Mtg 1		\$299	
3	12/08/2021 SBV Water Conservation District Mtg		\$299	
4	12/09/2021 Workshop - Policy		\$299	
5	12/13/2021 San Geronimo Pass Water Agency Mtg		\$299	
6	12/14/2021 Workshop - Engineering		\$299	
7	12/15/2021 Other	USAR WIFA	\$299	
8	12/16/2021 Workshop - Resources		\$299	
9	Select from List		Per diem?	
10	Select from List		Per diem?	
11	Select from List		Per diem?	
12	Select from List		Per diem?	
13	Select from List		Per diem?	
14	Select from List		Per diem?	
15	Select from List		Per diem?	
Total Requested Compensation			\$ 2,392.00	\$ 0.00

The undersigned certifies that the claims hereby stated are for authorized activities as described in the District's approved Resolution establishing rules and procedures for compensation of Directors.

Signed: Paul Kielhold Date: 12/24/2021



Director Request for Compensation & Public Disclosure Form

Month Reporting Activity 12/31/21

Director's Name Susan Longville

Date	Meeting/Activity Description	Explanation	Max 10/month	Travel Cost Estimate (Staff)
1 12/01/2021	ACWA Mtg	Virtual attendance ACWA Fall Conference	\$299	
2 12/02/2021	ACWA Mtg	Virtual attendance ACWA Fall Conference	\$299	
3 12/03/2021	Other	Virtual attendance at State Water Board Workshop on Methods Used to Evaluate Potential Impacts on Water Use Efficiency Standards on Local Wastewater Management, developed and natural parklands and urban	\$299	
4 12/07/2021	Valley District Board Mtg 1		\$299	
5 12/08/2021	Other	Virtual attendance at the SWRCB Administrative Hearings Office Pre-Hearing Conference on the proposed Cease and Desist Order (CDO) to Blue Triton in Strawberry Creek watershed	\$299	
6 12/10/2021	Other	Virtual attendance at Quarterly Board Meeting of the Infrastructure Financing Alliance	\$299	
7 12/14/2021	Workshop - Engineering		\$299	
8 12/16/2021	Assigned Committee Mtg	Headwaters Resiliency Partnership Committee Monthly Meeting	\$0	
9 12/09/2021	Workshop - Policy		\$299	
10 12/16/2021	Workshop - Resources		\$299	
11	Select from List		Per diem?	
12	Select from List		Per diem?	
13	Select from List		Per diem?	
14	Select from List		Per diem?	
15	Select from List		Per diem?	
Total Requested Compensation			\$ 2691.00	

The undersigned certifies that the claims hereby stated are for authorized activities as described in the District's approved Resolution establishing rules and procedures for compensation of Directors.

Signed: Date: 1-10-22



DATE: January 18, 2022
TO: Board of Directors
FROM: Matt Howard, Water Resources Senior Planner
SUBJECT: Operations Report for December 2021

ANNUAL SUPPLIES AND DELIVERIES AS OF DECEMBER 2021 (Acre-Feet)

<i>SUPPLY</i>	<i>AMOUNT (Acre-Feet)</i>	<i>DELIVERIES TO DATE</i>	<i>BALANCE</i>
Carryover	16,707	15,418	1,289
Table A	5,130	0	5,130
Yuba Accord	1,260	1,260	0
Subtotal SWP	23,097	16,678	6,419
TOTAL	23,097	16,678	6,419

MONTHLY DELIVERIES FOR DECEMBER 2021 (Acre-Feet)

<i>CUSTOMER</i>	<i>DELIVERY POINT</i>	<i>AMOUNT (Acre-Feet)</i>	<i>TOTAL WY21- 22 AMOUNT</i>
SBB - Groundwater Council	Sweetwater/Badger/Waterman/City Creek/Plant 134/Santa Ana Low/Mill Creek	0	0
SBB - Groundwater Council	Plant 134	0	0
West Valley Water District	Lytle Creek	0	126
Yucaipa Valley Water District	Yucaipa / Wilson	515	1,708
Bear Valley Mutual Water Company	Newport/ZT/Tres Lagos /BB/ SARC	40	688
SB County Regional Parks	Yucaipa Regional Park	33	88
Greenspot Mutual Water Company	Newport Turnout/ Tres Lagos	5	31
City of Redlands	SARC/Mill Creek	0	0
BLF Obligation - RHWC & Rialto	Waterman/Badger/Sweetwater	0	0
East Valley Water District	Plant 134 / North Fork	299	505
East Valley Water District	Santa Ana Low	0	0
San Bernardino City	Waterman/Badger/Sweetwater	0	0
Valley District	SARC/Mill Creek	0	0
Valley District	Sweetwater / Waterman	0	0
Valley District	Yucaipa / Wilson Basin	0	0
Storage		72	170
DECEMBER AND WY TOTALS		963	3,316

San Bernardino Basin Wells

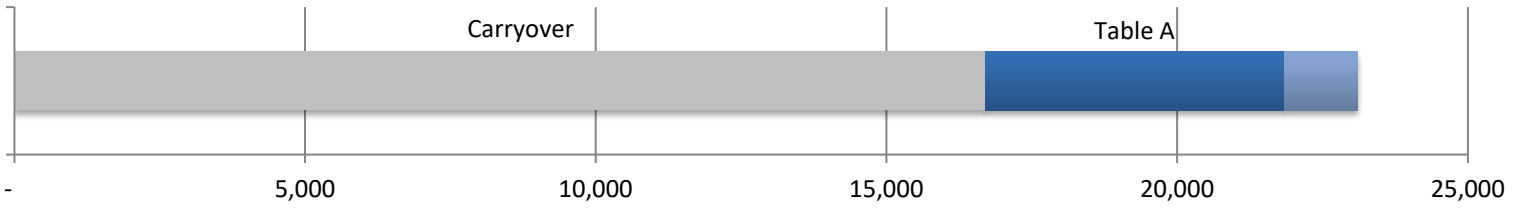
Valley District extracted 372 acre-feet of groundwater from the San Bernardino Basin at the Baseline Feeder Replacement wells for delivery to West Valley Water District, City of Rialto and 0 acre-feet delivered to City of Redlands from the San Bernardino Ave. Well.



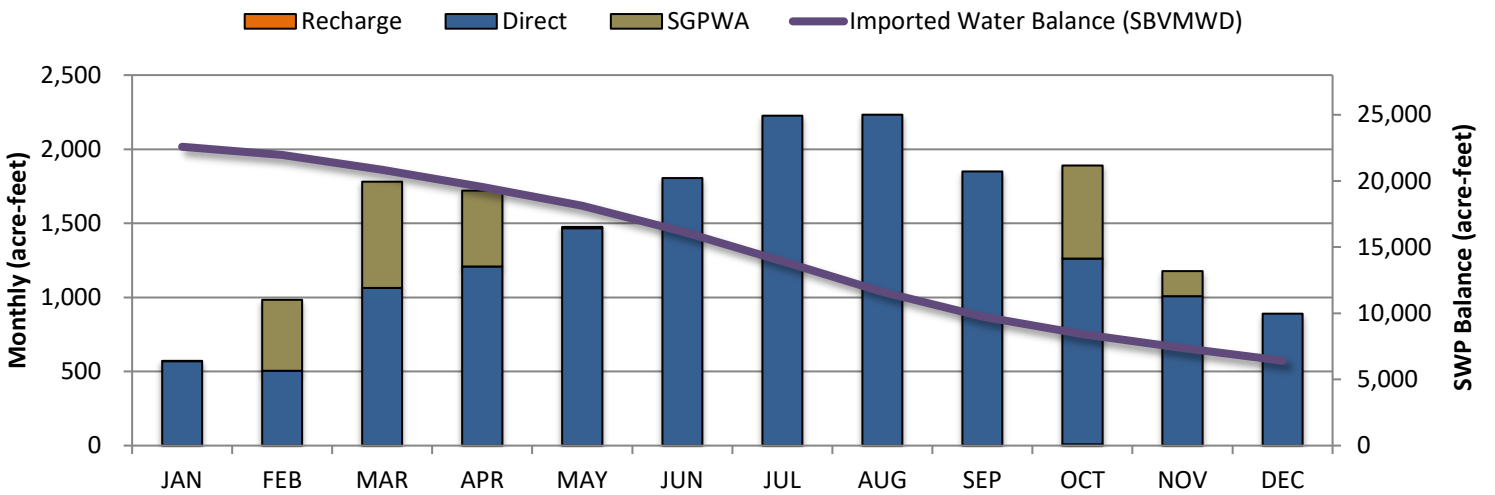
San Bernardino Valley Municipal Water District

Calendar Year 2021 -- Acre Feet

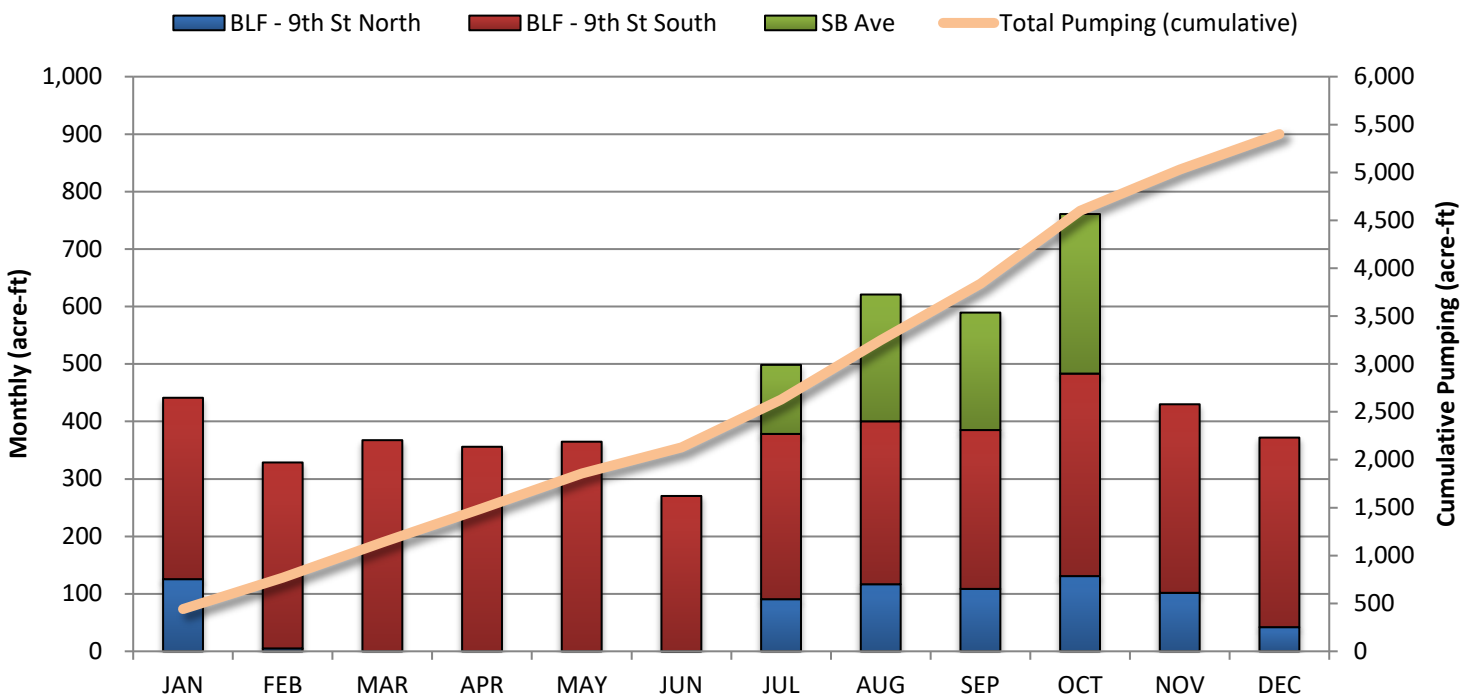
IMPORTED WATER SUPPLY PORTFOLIO



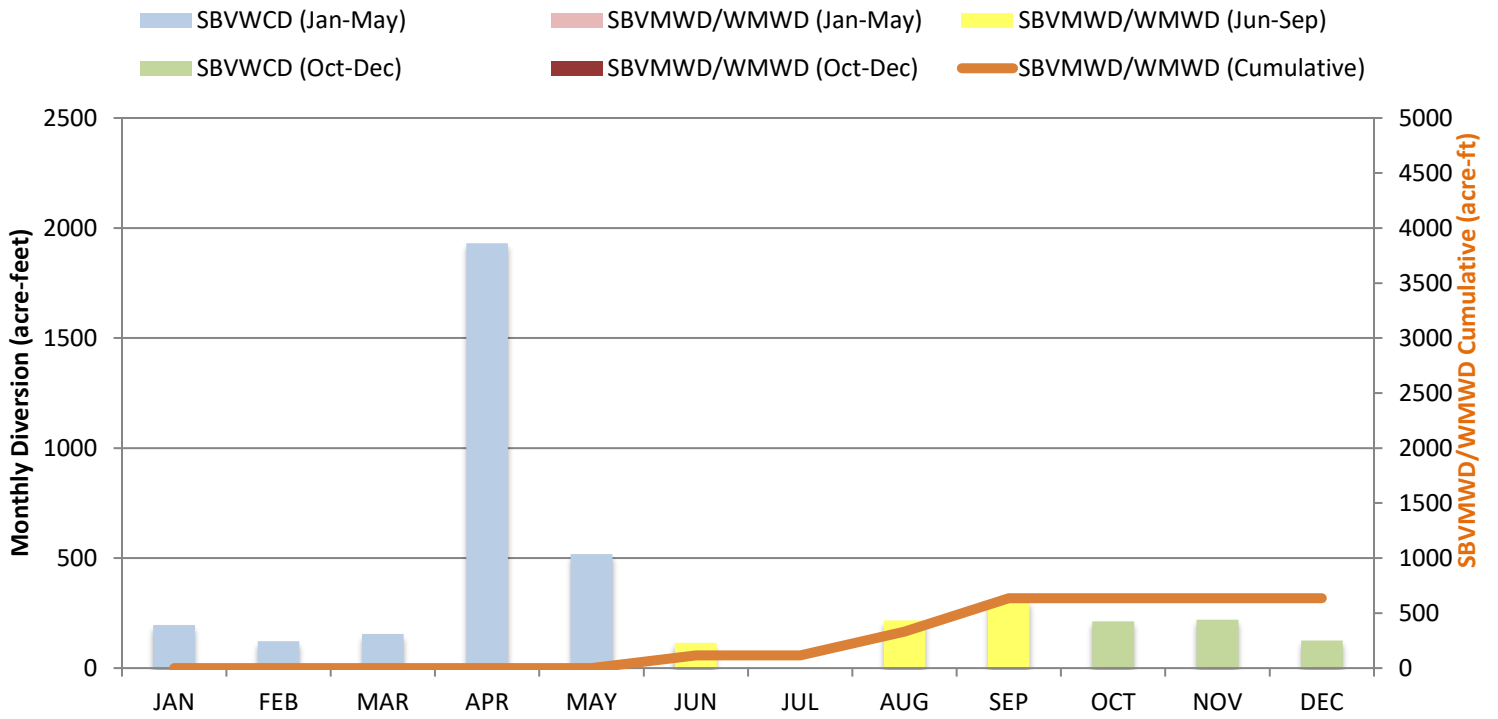
IMPORTED WATER DELIVERIES



SAN BERNARDINO BASIN PUMPING



SANTA ANA RIVER DIVERSIONS





San Bernardino Valley Municipal Water District

Delivery of Water For Calendar Year 2021 -- Acre Feet

Measurement / Delivery Point	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
IMPORTED WATER SUPPLIES													
<u>ADDITIONAL SUPPLIES VIA SWP</u>													
Multi-year Water Pool Demo	0	0	0	0	0	0	0	0	0	0	0	0	0
Kern Delta Water Bank	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Sub-total additional supplies</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
<u>STATE WATER PROJECT DELIVERY CATEGORIES</u>													
CLAWA Sale (2007 Agreement)	0	0	0	0	0	0	50	50	42	0	0	0	142
Yuba Accord Water (14-819)	0	0	0	0	0	0	0	0	0	1,260	0	0	1,260
Santa Clara Exchange	0	0	0	0	0	0	0	0	0	0	0	0	0
Kern Delta Water Bank	0	0	0	0	0	0	0	0	0	0	0	0	0
State Water Project - Local Deliveries	492	502	1,142	1,333	1,468	1,981	2,239	2,307	1,860	70	1,063	0	14,457
<i>Sub-total Deliveries via SWP (DWR meters)</i>	<i>492</i>	<i>502</i>	<i>1,142</i>	<i>1,333</i>	<i>1,468</i>	<i>1,981</i>	<i>2,289</i>	<i>2,357</i>	<i>1,902</i>	<i>1,330</i>	<i>1,063</i>	<i>0</i>	<i>15,859</i>

<u>RECHARGE DELIVERIES</u>													
Glen Helen Turnout	0	0	0	0	0	0	0	0	0	0	0	0	0
Sweetwater													
Sweetwater - SBB GC	0	0	0	0	0	0	0	0	0	0	0	0	0
Sweetwater - Valley District	0	0	0	0	0	0	0	0	0	0	0	0	0
Badger													
Badger - SBB GC	0	0	0	0	0	0	0	0	0	0	0	0	0
Waterman													
Waterman - SBB GC	0	0	0	0	0	0	0	0	0	0	0	0	0
Waterman - BLF Obligation - RHWC	0	0	0	0	0	0	0	0	0	0	0	0	0
Waterman - BLF Obligation - Rialto	0	0	0	0	0	0	0	0	0	0	0	0	0
Waterman - BLF Obligation - WVWD	0	0	0	0	0	0	0	0	0	0	0	0	0
Waterman - Valley District	0	0	0	0	0	0	0	0	0	0	0	0	0
Patton													
Patton	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Ana Low													
Santa Ana Low - EVWD In-Lieu	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Ana Low - SBB GC	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Ana Low - BVMWC	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Ana Low - Redlands	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Ana Low - Valley District	0	0	0	0	0	0	0	0	0	0	0	0	0
Plunge Creek - Valley District													
Plunge Creek - Valley District	0	0	0	0	0	0	0	0	0	0	0	0	0
Mill Creek Spreading													
Mill Creek Spreading - Redlands	0	0	0	0	0	0	0	0	0	0	0	0	0
Mill Creek Spreading - Valley District	0	0	0	0	0	0	0	0	0	9	0	0	9
Lower Mill Creek - SBB GC	0	0	0	0	0	0	0	0	0	0	0	0	0

Delivery of Water For Calendar Year 2021 -- Acre Feet

Measurement / Delivery Point	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Mill Creek Spreading - SBB GC	0	0	0	0	0	0	0	0	0	0	0	0	0
Zanja East Weir to WCD - Valley District	0	0	0	0	0	0	0	0	0	0	0	0	0
Wilson Creek													
Wilson Creek - YVWD	0	0	0	0	0	0	0	0	0	0	0	0	0
Wilson Basin - Valley District	0	0	0	0	0	0	0	0	0	0	0	0	0
Oak Glen Basin - Valley District	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Sub-total Recharge</i>	0	0	0	0	0	0	0	0	0	9	0	0	9

DIRECT DELIVERIES													
Lytle Creek													
Lytle Creek - WVWD TP	223	120	264	270	421	642	851	817	655	126	7	0	4,396
Lytle Creek - Marygold Mutual	45	68	76	79	81	6	0	0	0	0	0	0	354
CLAWA													
CLAWA Sale (#07-025)	0	0	0	0	0	0	50	50	42	0	0	0	142
EVWD Plant 134													
EVWD Plant 134 In-Lieu	0	0	0	0	0	0	0	0	0	0	0	0	0
EVWD Plant 134 - BVMWC (for EVWD)	0	0	0	0	0	0	0	0	0	0	0	0	0
EVWD Plant 134 - SBB GC - EVWD	237	213	104	0	0	0	0	0	0	0	0	0	554
EVWD Plant 134 - EVWD	0	0	98	160	191	207	235	236	217	35	171	239	1,789
Northfork													
Northfork - EVWD	0	0	0	0	0	0	0	0	0	0	0	60	60
Northfork - EVWD - In-Lieu	0	0	0	0	0	286	341	339	247	322	161	0	1,695
Northfork - BVMWC (for EVWD)	0	0	0	0	0	0	0	0	0	0	0	0	0
Edwards Canal Pump													
S.A.R.C.													
S.A.R.C. - Valley District	0	0	0	0	0	0	0	0	0	0	0	0	0
S.A.R.C. to Redlands Aqueduct - Redlands	0	0	0	0	0	0	0	0	0	0	0	0	0
S.A.R.C. to Redlands Aqueduct - In-Lieu	0	0	0	0	0	0	0	6	16	13	0	0	34
S.A.R.C. to Redlands Aqueduct - BVMWC (for Redlands)	0	0	0	0	0	0	0	0	0	0	0	0	0
S.A.R.C. to Redlands Aqueduct Recharge	0	0	0	0	0	0	0	0	0	0	0	0	0
East Valley W.D. Greenspot Road	0	0	0	0	0	0	0	0	0	0	0	0	0
Bear Valley Highline Connector	0	0	0	0	0	0	0	0	0	0	0	0	0
SB County Flood Control Grove	0	0	0	0	0	0	0	0	0	0	0	0	0
Newport Ave.													
Newport Ave. - Greenspot Mutual	0	0	2	5	5	3	5	12	10	15	10	5	72
Newport Ave. - BVMWC	0	4	2	9	14	0	0	0	0	0	0	0	28
Newport Ave. - In-Lieu	0	0	0	0	0	12	18	15	18	14	21	6	103
Tres Lagos													
Tres Lagos - Greenspot Mutual	0	0	0	0	0	0	0	0	0	0	0	0	0
Tres Lagos - BVMWC	0	0	0	18	25	0	0	0	0	0	0	0	43
Tres Lagos - In-Lieu	0	0	0	0	0	23	25	25	20	25	20	10	148
Unger Lane to Zanja													

Delivery of Water For Calendar Year 2021 -- Acre Feet

Measurement / Delivery Point	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Unger Lane to Zanja - Crafton - BVMWC In-Lieu	0	0	0	0	0	0	0	21	29	68	0	12	129
Unger Lane to Zanja - Crafton - BVMWC	0	0	21	103	52	0	0	0	0	0	0	0	175
Boullioun Box													
Boullioun Box to Zanja	0	0	0	0	0	0	0	0	0	0	0	0	0
Boullioun Box to Highline In-Lieu	0	0	0	0	0	0	45	31	0	5	0	0	81
Boullioun Box to Highline - BVMWC	0	0	0	0	0	0	0	0	0	0	0	12	12
City of Redlands													
City of Redlands - Tate Treatment In-Lieu	0	0	0	0	0	0	0	0	0	0	0	0	0
City of Redlands - Tate Treatment	0	0	0	0	0	0	0	0	0	0	0	0	0
Yucaipa Regional Park	1	9	13	25	74	16	52	73	13	24	31	33	364
Yucaipa Valley Water District T.O.	63	92	484	541	605	610	604	610	585	606	587	515	5,901
Western Heights via YVWD T.O.	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Sub-total Direct Delivery</i>	569	505	1,064	1,209	1,467	1,804	2,226	2,232	1,850	1,253	1,008	891	16,080
STORAGE													
Citrus Reservoir, tanks, Crafton Hills Reservoir, et	(56)	116	61	78	(40)	140	24	84	14	56	41	72	590
Sub-total SBVMWD Imported Water	513	621	1,125	1,287	1,427	1,944	2,250	2,316	1,864	1,318	1,050	963	16,678

Other SWP Deliveries

Little San Gorgonio Creek Turnout	0	0	0	0	0	0	0	0	0	0	0	0	0
Noble Creek Turnout	3	479	716	511	8	0	0	0	0	628	169	0	2,516
Lytle Creek - WVWD (MWDCS)	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Sub-total Other SWP Deliveries</i>	3	479	716	511	8	0	0	0	0	628	169	0	2,516
Total Imported Water in Valley District Facilities	516	1,100	1,841	1,798	1,435	1,944	2,250	2,316	1,864	1,946	1,219	963	19,193

SAN BERNARDINO BASIN PUMPING													
Baseline Feeder													
Ninth Street North Replacement Well	126	5	0	0	0	0	91	117	109	131	102	42	721
Ninth Street South Replacement Well	316	324	367	356	365	270	288	284	276	352	328	330	3,856
<i>Sub-total Baseline Feeder</i>	441	329	367	356	365	270	378	400	385	483	430	372	4,577
San Bernardino Avenue Well No. 1 - Redlands	0	0	0	0	1	0	0	0	0	0	0	0	1
San Bernardino Avenue Well No. 1 - In Lieu	0	0	0	0	0	0	120	221	204	278	0	0	823
Redlands Agreement (RPS)	0	0	0	0	0	0	0	0	0	0	0	0	0
De-watering Well # 1	0	0	0	0	0	0	0	0	0	0	0	0	0
De-watering Well # 2	0	0	0	0	0	0	0	0	0	0	0	0	0
Total San Bernardino Basin Pumping	441	329	367	356	365	270	498	621	589	761	430	372	5,400
TOTAL Water in SBVMWD Facilities	957	1,429	2,209	2,154	1,800	2,215	2,749	2,937	2,454	2,707	1,649	1,335	24,594



**SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT
TREASURER'S REPORT
FOR THE MONTH OF DECEMBER 2021**

RECOMMENDATION:

APPROVE THE EXPENSES FOR THE MONTH OF DECEMBER 2021
FOR THE FOLLOWING FUNDS:

STATE WATER CONTRACT FUND	\$	2,316,507.00
DEVIL CANYON / CASTAIC FUND	\$	104,811.00
GENERAL FUND	\$	6,320,866.87

STATE WATER CONTRACT FUND

Profit & Loss

December 2021

	<u>Dec 21</u>
Income	
4920 · INVESTMENT INCOME	(523,430.70)
4940 · SUCCESSOR AGENCY RDA PASS THRU	22,395,518.17
4966 · PROPERTY TAXES	20,411,059.74
Total Income	<u>42,283,147.21</u>
Expense	
6380 · AUDIT FEES	6,787.00
6610 · MINIMUM OMP&R TRANSPORTATION	1,512,746.00
6615 · MINIMUM OMP&R DELTA	446,123.00
6620 · VARIABLE	333,287.00
6630 · OFF AQUEDUCT VARIABLE	2,201.00
6635 · EAST BRANCH ENLARGEMENT	15,363.00
Total Expense	<u>2,316,507.00</u>
Net Income	<u><u>39,966,640.21</u></u>

STATE WATER CONTRACT FUND
Profit & Loss Budget vs. Actual
July through December 2021

	Jul - Dec 21	Budget	\$ Over Budget	% of Budget
Income				
4920 · INVESTMENT INCOME	(1,269,998.00)	1,062,000.00	(2,331,998.00)	(119.6)%
4940 · SUCCESSOR AGENCY RDA PASS THRU	22,395,518.17	17,437,500.00	4,958,018.17	128.4%
4950 · RETURN OF RESERVES/BOND COVER	3,048,955.00	3,035,500.00	13,455.00	100.4%
4966 · PROPERTY TAXES	30,062,603.08	29,890,000.00	172,603.08	100.6%
Total Income	54,237,078.25	51,425,000.00	2,812,078.25	105.5%
Expense				
6280 · FIELD IMPROVEMENTS	369,414.84	372,000.00	(2,585.16)	99.3%
6380 · AUDIT FEES	30,541.00	30,600.00	(59.00)	99.8%
6410 · STATE WATER CONTRACTOR FEES	226,544.00	227,000.00	(456.00)	99.8%
6435 · ADMINISTRATIVE FEE	3,007,800.00	2,950,000.00	57,800.00	102.0%
6601 · CAPITAL COST DELTA	1,555,401.00	1,555,401.00	0.00	100.0%
6605 · CAPITAL COST TRANSPORTATION	870,225.00	870,225.00	0.00	100.0%
6610 · MINIMUM OMP&R TRANSPORTATION	9,076,476.00	9,076,476.00	0.00	100.0%
6615 · MINIMUM OMP&R DELTA	2,676,741.00	2,676,741.00	0.00	100.0%
6620 · VARIABLE	3,702,467.00	4,910,000.00	(1,207,533.00)	75.4%
6625 · WATER SYSTEM REVENUE BOND	1,372,893.00	1,372,893.00	0.00	100.0%
6630 · OFF AQUEDUCT VARIABLE	13,208.00	13,208.00	0.00	100.0%
6635 · EAST BRANCH ENLARGEMENT	92,179.00	92,179.00	0.00	100.0%
6640 · EAST BRANCH EXTENSION	14,798,223.00	14,798,223.00	0.00	100.0%
6645 · TEHACHAPI 2ND AFTERBAY	133,037.00	133,037.00	0.00	100.0%
Total Expense	37,925,149.84	39,077,983.00	(1,152,833.16)	97.0%
Net Income	16,311,928.41	12,347,017.00	3,964,911.41	132.1%

DEVIL CANYON/CASTAIC
Profit & Loss
December 2021

	<u>Dec 21</u>
Income	
4966 · PROPERTY TAXES	631,269.88
Total Income	<u>631,269.88</u>
Gross Profit	631,269.88
Expense	
6601 · OMP&R	104,811.00
Total Expense	<u>104,811.00</u>
Net Income	<u><u>526,458.88</u></u>

DEVIL CANYON/CASTAIC
Profit & Loss Budget vs. Actual
 July through December 2021

	Jul - Dec 21	Budget	\$ Over Budget	% of Budget
Income				
4920 · INVESTMENT INCOME	6,394.32	10,350.00	(3,955.68)	61.8%
4966 · PROPERTY TAXES	940,186.68	936,734.00	3,452.68	100.4%
Total Income	<u>946,581.00</u>	<u>947,084.00</u>	<u>(503.00)</u>	<u>99.9%</u>
Gross Profit	946,581.00	947,084.00	(503.00)	99.9%
Expense				
6435 · ADMINISTRATIVE FEE	95,900.00	95,000.00	900.00	100.9%
6601 · OMP&R	628,870.00	628,870.00	0.00	100.0%
6610 · DEBT SERVICE	301,792.00	301,792.00	0.00	100.0%
Total Expense	<u>1,026,562.00</u>	<u>1,025,662.00</u>	<u>900.00</u>	<u>100.1%</u>
Net Income	<u>(79,981.00)</u>	<u>(78,578.00)</u>	<u>(1,403.00)</u>	<u>101.8%</u>

SAN BERNARDINO VALLEY MWD GENERAL FUND

Profit & Loss

December 2021

	<u>Dec 21</u>
Income	
4900 · WATER SALES	181,541.90
4920 · INVESTMENT INCOME	-147,748.06
4929 · BASELINE FEEDER CAP. CONTRIB.	41,204.35
4940 · SUCCESSOR AGENCY PASS THROUGH	4,121,191.24
4950 · OTHER INCOME	228,159.60
4954 · GAIN (LOSS) ON SALE OF ASSETS	11,472.62
4966 · S.B. CO TAXES	4,079,411.99
4977 · RIVERSIDE CO TAXES	47,701.07
Total Income	<u>8,562,934.71</u>
Expense	
6100 · SALARIES	335,904.84
6110 · OVERTIME	5,452.64
6120 · DIRECTORS FEES	14,352.00
6130 · PERS RETIREMENT	94,674.73
6140 · PAYROLL TAXES	17,409.10
6150 · HEALTH INSURANCE	64,946.43
6160 · DENTAL INSURANCE	4,877.61
6170 · VISION, DISABILITY AND LIFE INS	5,344.66
6180 · WORKERS COMP INS	1,565.04
6200 · HEALTH/DEPENDENT CARE PLAN	16,846.52
6230 · COP PAYMENTS	0.00
6240 · PIPELINE CONTROL SYSTEM	3,867.43
6280 · FIELD IMPROVEMENTS	60,499.45
6295 · PURCHASED WATER	13,879.59
6320 · HOUSE COUNSEL	56,523.06
6330 · SPECIAL COUNSEL	69,959.48
6350 · USGS DATA	280,835.00
6360 · CONSULTANTS	240,597.09
6390 · SAWPA	226,367.41
6400 · VEHICLE EXPENSE	6,998.01
6410 · TRAVEL	1,449.18
6420 · MEALS & LODGING	3,922.75
6460 · UTILITIES/COMMUNICATIONS	94,413.37
6470 · MAINTENANCE & REPAIRS	114,514.34
6480 · OFFICE EXPENSE	4,019.84
6490 · FIELD SUPPLIES	5,245.66
6500 · EDUCATION AND TRAINING	1,434.00
6530 · BANK CHARGES-TRUSTEE FEES	-10.00
6540 · YUCAIPA LAKES	2,438.09
6560 · LIBRARY	325.00
6570 · POSTAGE	14.11
6580 · DUES & SUBSCRIPTIONS	9,563.04
6600 · TAXES & LICENSES	20,589.57
6640 · WATER CONSERVATION & EDUCATION	4,214.13
6645 · EXTERNAL AFFAIRS/STRATEGIC COMM	550.00
6650 · PUBLIC NOTICES	2,083.00
6690 · EMERGENCY PREPAREDNESS	1,320.00
6710 · INTEREST	141,621.88
6760 · LAND / PROPERTY PURCHASE	4,227,738.41
6780 · ENVIRONMENTAL / HCP	131,324.19
6820 · SECURITY	828.00
Total Expense	<u>6,288,498.65</u>
Net Income	<u><u>2,274,436.06</u></u>

SAN BERNARDINO VALLEY MWD GENERAL FUND
Profit & Loss Budget vs. Actual
 July through December 2021

	Jul - Dec 21	Budget	\$ Over Budget	% of Budget
Income				
4900 · WATER SALES	3,275,063.63	3,594,000.00	(318,936.37)	91.1%
4920 · INVESTMENT INCOME	(433,088.43)	720,000.00	(1,153,088.43)	(60.2)%
4925 · GRANT INCOME	925,205.37	925,500.00	(294.63)	100.0%
4929 · BASELINE FEEDER CAP. CONTRIB.	167,817.40	168,000.00	(182.60)	99.9%
4940 · SUCCESSOR AGENCY PASS THROUGH	4,156,070.45	3,200,000.00	956,070.45	129.9%
4950 · OTHER INCOME	963,415.93	965,500.00	(2,084.07)	99.8%
4952 · ADMINISTRATIVE INCOME	3,103,700.00	3,020,000.00	83,700.00	102.8%
4954 · GAIN (LOSS) ON SALE OF ASSETS	227,000.86	207,000.00	20,000.86	109.7%
4966 · S.B. CO TAXES	6,215,851.07	6,195,000.00	20,851.07	100.3%
4977 · RIVERSIDE CO TAXES	56,606.41	56,300.00	306.41	100.5%
Total Income	18,657,642.69	19,051,300.00	(393,657.31)	97.9%
Expense				
6100 · SALARIES	2,015,637.53	2,022,000.00	(6,362.47)	99.7%
6110 · OVERTIME	22,931.61	26,000.00	(3,068.39)	88.2%
6120 · DIRECTORS FEES	87,308.00	89,700.00	(2,392.00)	97.3%
6130 · PERS RETIREMENT	607,560.05	608,000.00	(439.95)	99.9%
6137 · DEFERRED COMPENSATION EXPENSE	19,500.00	0.00	19,500.00	100.0%
6140 · PAYROLL TAXES	128,886.22	138,000.00	(9,113.78)	93.4%
6150 · HEALTH INSURANCE	408,245.58	420,000.00	(11,754.42)	97.2%
6160 · DENTAL INSURANCE	29,265.66	32,400.00	(3,134.34)	90.3%
6170 · VISION, DISABILITY AND LIFE INS	21,604.74	22,000.00	(395.26)	98.2%
6180 · WORKERS COMP INS	12,125.63	20,170.00	(8,044.37)	60.1%
6200 · HEALTH/DEPENDENT CARE PLAN	58,843.43	59,000.00	(156.57)	99.7%
6240 · PIPELINE CONTROL SYSTEM	106,188.54	106,250.00	(61.46)	99.9%
6250 · OFFICE EQUIPMENT	28,009.82	28,250.00	(240.18)	99.1%
6260 · VEHICLE REPLACEMENT	92,767.49	90,000.00	2,767.49	103.1%
6280 · FIELD IMPROVEMENTS	8,426,858.74	8,428,750.00	(1,891.26)	100.0%
6295 · PURCHASED WATER	602,631.38	603,000.00	(368.62)	99.9%
6320 · HOUSE COUNSEL	332,592.98	185,000.00	147,592.98	179.8%
6330 · SPECIAL COUNSEL	245,824.60	245,950.00	(125.40)	99.9%
6340 · WATERMASTER	9,867.00	10,250.00	(383.00)	96.3%
6350 · USGS DATA	713,450.00	714,000.00	(550.00)	99.9%
6360 · CONSULTANTS	1,493,796.93	1,494,000.00	(203.07)	100.0%
6380 · DISTRICT AUDIT	19,620.00	19,800.00	(180.00)	99.1%
6390 · SAWPA	1,217,162.57	1,219,000.00	(1,837.43)	99.8%
6400 · VEHICLE EXPENSE	55,440.67	56,000.00	(559.33)	99.0%
6410 · TRAVEL	4,913.62	5,000.00	(86.38)	98.3%
6420 · MEALS & LODGING	16,150.44	16,200.00	(49.56)	99.7%
6430 · LIABILITY INS	166,760.13	165,000.00	1,760.13	101.1%
6450 · WATERSTOCK ASSESSMENT	206.32	210.00	(3.68)	98.2%
6460 · UTILITIES/COMMUNICATIONS	660,502.94	661,500.00	(997.06)	99.8%
6470 · MAINTENANCE & REPAIRS	328,752.63	329,250.00	(497.37)	99.8%
6480 · OFFICE EXPENSE	25,293.98	29,000.00	(3,706.02)	87.2%
6490 · FIELD SUPPLIES	13,165.03	13,450.00	(284.97)	97.9%
6500 · EDUCATION AND TRAINING	49,982.59	50,050.00	(67.41)	99.9%
6530 · BANK CHARGES-TRUSTEE FEES	5,231.82	7,400.00	(2,168.18)	70.7%
6540 · YUCAIPA LAKES	4,298.09	4,400.00	(101.91)	97.7%
6560 · LIBRARY	13,279.25	13,300.00	(20.75)	99.8%
6570 · POSTAGE	1,854.14	2,340.00	(485.86)	79.2%
6580 · DUES & SUBSCRIPTIONS	107,029.49	107,100.00	(70.51)	99.9%
6600 · TAXES & LICENSES	79,440.00	80,050.00	(610.00)	99.2%
6610 · SPREADING GROUNDS MAINTENANCE	431,810.98	432,000.00	(189.02)	100.0%
6640 · WATER CONSERVATION & EDUCATION	63,459.65	63,500.00	(40.35)	99.9%
6642 · SPONSORSHIPS	6,500.00	6,500.00	0.00	100.0%
6645 · EXTERNAL AFFAIRS/STRATEGIC COMM	28,347.91	28,450.00	(102.09)	99.6%
6650 · PUBLIC NOTICES	9,144.42	5,000.00	4,144.42	182.9%
6690 · EMERGENCY PREPAREDNESS	1,320.00	1,500.00	(180.00)	88.0%
6710 · INTEREST	141,621.88	142,000.00	(378.12)	99.7%
6720 · WATER QUALITY TESTING	360.00	440.00	(80.00)	81.8%
6760 · LAND / PROPERTY PURCHASE	6,073,159.02	6,077,500.00	(4,340.98)	99.9%
6780 · ENVIRONMENTAL / HCP	1,374,994.68	1,376,500.00	(1,505.32)	99.9%

SAN BERNARDINO VALLEY MWD GENERAL FUND
Profit & Loss Budget vs. Actual
 July through December 2021

	<u>Jul - Dec 21</u>	<u>Budget</u>	<u>\$ Over Budget</u>	<u>% of Budget</u>
6800 · LAFCO ANNUAL FUNDING SHARE	30,000.00	30,000.00	0.00	100.0%
6820 · SECURITY	1,656.00	1,730.00	(74.00)	95.7%
Total Expense	<u>26,395,354.18</u>	<u>26,286,890.00</u>	<u>108,464.18</u>	<u>100.4%</u>
Net Income	<u>(7,737,711.49)</u>	<u>(7,235,590.00)</u>	<u>(502,121.49)</u>	<u>106.9%</u>

**SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT
INVESTMENT SUMMARY
DECEMBER 31, 2021**

INVESTMENT DESCRIPTION	INSTITUTION	MATURITY DATE	PAR VALUE	ISSUE DATE	PURCHASE PRICE	BOOK YIELD RATE	CUSIP
STATE WATER CONTRACT FUND							
DWR CVP REVENUE BOND	STATE	7/1/2022	5,000.00		3,940.16	5.250%	
AGENCY BONDS - FNMA NOTES	BNY MELLON	07/25/2022	750,000.00	07/21/2020	748,305.00	0.238%	3137EAET2
AGENCY BONDS - FNMA NOTES	BNY MELLON	04/20/2023	4,640,000.00	04/17/2020	4,628,400.00	0.459%	3137EAEQ8
AGENCY BONDS - FNMA NOTES	BNY MELLON	05/05/2023	4,400,000.00	05/05/2020	4,398,152.00	0.389%	3137EAER6
AGENCY BONDS - FNMA NOTES	BNY MELLON	05/22/2023	5,020,000.00	05/20/2020	5,004,889.80	0.351%	3135G04Q3
AGENCY BONDS - FNMA NOTES	BNY MELLON	06/26/2023	4,525,000.00	06/24/2020	4,511,787.00	0.348%	3137EAES4
AGENCY BONDS - FNMA NOTES	BNY MELLON	07/10/2023	4,765,000.00	07/08/2020	4,754,755.25	0.322%	3135G05G4
AGENCY BONDS - FNMA NOTES	BNY MELLON	07/10/2023	900,000.00	10/07/2020	899,793.00	0.258%	3135G05G4
AGENCY BONDS - FNMA NOTES	BNY MELLON	08/24/2023	4,700,000.00	08/19/2020	4,695,206.00	0.284%	3137EAEV7
AGENCY BONDS - FNMA NOTES	BNY MELLON	09/08/2023	4,300,000.00	09/02/2020	4,298,581.00	0.261%	3137EAEW5
AGENCY BONDS - FNMA NOTES	BNY MELLON	09/08/2023	3,235,000.00	09/02/2020	3,235,590.74	0.244%	3137EAEW5
AGENCY BONDS - FNMA NOTES	BNY MELLON	09/08/2023	900,000.00	10/07/2020	899,739.00	0.260%	3137EAEW5
AGENCY BONDS - FNMA NOTES	BNY MELLON	10/16/2023	1,475,000.00	10/14/2020	1,469,498.25	0.250%	3137EAEY1
AGENCY BONDS - FNMA NOTES	BNY MELLON	11/06/2023	5,695,000.00	11/03/2020	5,689,874.50	0.280%	3137EAEZ8
AGENCY BONDS - FNMA NOTES	BNY MELLON	11/27/2023	500,000.00	11/23/2020	499,430.00	0.288%	3135G06H1
AGENCY BONDS - FNMA NOTES	BNY MELLON	12/04/2023	4,400,000.00	12/02/2020	4,395,644.00	0.283%	3137EAF A2
CERTIFICATE OF DEPOSIT	BNY MELLON	12/02/2022	2,450,000.00	12/04/2019	2,450,000.00	2.040%	23341VZT1
CERTIFICATE OF DEPOSIT	BNY MELLON	03/17/2023	1,935,000.00	03/19/2021	1,935,000.00	0.590%	22552G3C2
CORPORATE NOTE	BNY MELLON	01/12/2022	500,000.00	03/20/2019	507,200.00	2.707%	89233P5T9
CORPORATE NOTE	BNY MELLON	01/21/2022	975,000.00	01/22/2020	974,142.00	1.796%	63743HET5
CORPORATE NOTE	BNY MELLON	03/01/2022	250,000.00	11/27/2018	249,315.00	3.357%	437076BV3
CORPORATE NOTE	BNY MELLON	03/07/2022	340,000.00	09/04/2018	338,354.40	3.189%	904764BF3
CORPORATE NOTE	BNY MELLON	03/11/2022	250,000.00	03/04/2019	249,985.00	2.801%	717081ER0
CORPORATE NOTE	BNY MELLON	03/15/2022	850,000.00	07/24/2019	866,889.50	2.195%	91159HHC7
CORPORATE NOTE	BNY MELLON	04/01/2022	325,000.00	03/04/2019	324,844.00	2.967%	24422EUT4
CORPORATE NOTE	BNY MELLON	04/12/2022	1,500,000.00	04/09/2019	1,499,055.00	2.673%	89236TFX8
CORPORATE NOTE	BNY MELLON	05/10/2022	600,000.00	05/03/2019	599,676.00	2.669%	69371RP83
CORPORATE NOTE	BNY MELLON	05/19/2022	500,000.00	04/05/2019	496,685.00	2.991%	61744YAH1
CORPORATE NOTE	BNY MELLON	05/20/2022	1,000,000.00	05/15/2019	998,800.00	2.793%	025816CD9
CORPORATE NOTE	BNY MELLON	06/01/2022	1,500,000.00	03/28/2019	1,541,610.00	2.383%	09247XAJ0
CORPORATE NOTE	BNY MELLON	06/13/2022	300,000.00	09/09/2019	299,613.00	1.999%	24422EVA4
CORPORATE NOTE	BNY MELLON	06/20/2022	1,200,000.00	03/11/2019	1,199,964.00	3.051%	05531FBG7
CORPORATE NOTE	BNY MELLON	08/08/2022	500,000.00	07/30/2019	499,495.00	2.185%	438516BT2
CORPORATE NOTE	BNY MELLON	09/06/2022	925,000.00	09/03/2019	923,714.25	1.948%	14913Q3A5
CORPORATE NOTE	BNY MELLON	09/11/2022	295,000.00	09/04/2019	294,949.85	1.706%	037833DL1
CORPORATE NOTE	BNY MELLON	09/15/2022	670,000.00	03/13/2019	663,152.60	2.735%	589331AT4
CORPORATE NOTE	BNY MELLON	09/26/2022	550,000.00	09/23/2019	549,329.00	2.042%	69371RQ33
CORPORATE NOTE	BNY MELLON	11/18/2022	475,000.00	01/09/2020	474,781.50	1.967%	14913Q3C1
CORPORATE NOTE	BNY MELLON	01/27/2023	550,000.00	01/21/2020	549,615.00	1.874%	06406RAM9
CORPORATE NOTE	BNY MELLON	01/27/2023	500,000.00	01/20/2021	500,000.00	0.481%	38141GXP4
CORPORATE NOTE	BNY MELLON	02/01/2023	250,000.00	01/23/2020	250,020.00	1.697%	00724PAA7
CORPORATE NOTE	BNY MELLON	02/01/2023	275,000.00	01/22/2020	274,623.25	1.747%	00724PAA7
CORPORATE NOTE	BNY MELLON	02/14/2023	600,000.00	08/19/2019	597,714.00	1.864%	88579YBL4
CORPORATE NOTE	BNY MELLON	02/24/2023	430,000.00	02/20/2020	430,000.00	1.744%	69353RFT0
CORPORATE NOTE	BNY MELLON	04/06/2023	410,000.00	04/06/2021	409,667.90	0.441%	89236TJD8
CORPORATE NOTE	BNY MELLON	05/01/2023	575,000.00	04/29/2020	573,861.50	0.817%	713448EY0
CORPORATE NOTE	BNY MELLON	05/11/2023	600,000.00	05/04/2020	598,368.00	0.842%	037833DV9
CORPORATE NOTE	BNY MELLON	05/11/2023	540,000.00	05/07/2020	540,000.00	1.141%	166764BV1
CORPORATE NOTE	BNY MELLON	06/03/2023	1,250,000.00	06/01/2020	1,248,250.00	0.447%	023135BP0
CORPORATE NOTE	BNY MELLON	06/08/2023	160,000.00	06/01/2020	159,777.60	0.847%	69371RQ82
CORPORATE NOTE	BNY MELLON	06/26/2023	750,000.00	06/09/2020	811,305.00	0.608%	931142EK5
CORPORATE NOTE	BNY MELLON	08/11/2023	175,000.00	08/04/2020	174,770.75	0.394%	69371RQ90
CORPORATE NOTE	BNY MELLON	09/14/2023	275,000.00	09/08/2020	274,648.00	0.418%	904764BJ5
CORPORATE NOTE	BNY MELLON	09/14/2023	500,000.00	09/09/2020	499,660.00	0.473%	14913R2F3
CORPORATE NOTE	BNY MELLON	11/13/2023	1,165,000.00	11/09/2020	1,165,000.00	0.537%	110122DT2
CORPORATE NOTE	BNY MELLON	11/17/2023	825,000.00	11/16/2020	825,000.00	0.627%	38141GXL3
CORPORATE NOTE	BNY MELLON	01/11/2024	1,200,000.00	01/06/2021	1,199,928.00	0.452%	89236THU2
CORPORATE NOTE	BNY MELLON	01/17/2024	480,000.00	03/01/2021	479,659.20	0.475%	24422EVN6
CORPORATE NOTE	BNY MELLON	01/25/2024	1,445,000.00	01/20/2021	1,445,000.00	0.529%	6174468W2

**SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT
INVESTMENT SUMMARY
DECEMBER 31, 2021**

INVESTMENT DESCRIPTION	INSTITUTION	MATURITY DATE	PAR VALUE	ISSUE DATE	PURCHASE PRICE	BOOK YIELD RATE	CUSIP
CORPORATE NOTE	BNY MELLON	02/08/2024	555,000.00	02/01/2021	554,617.05	0.373%	63743HEU2
CORPORATE NOTE	BNY MELLON	03/03/2024	300,000.00	01/21/2021	330,642.00	0.671%	38141GVM3
CORPORATE NOTE	BNY MELLON	03/05/2024	1,075,000.00	09/24/2020	1,144,079.50	0.878%	06051GHF9
CORPORATE NOTE	BNY MELLON	03/16/2024	600,000.00	03/09/2021	600,000.00	0.697%	46647PBZ8
CORPORATE NOTE	BNY MELLON	03/18/2024	795,000.00	03/16/2021	794,602.50	0.767%	808513BN4
CORPORATE NOTE	BNY MELLON	04/15/2024	575,000.00	05/07/2020	629,964.25	1.151%	20030NCR0
CORPORATE NOTE	BNY MELLON	05/12/2024	1,940,000.00	05/10/2021	1,937,167.60	0.499%	023135BW5
CORPORATE NOTE	BNY MELLON	05/15/2024	915,000.00	05/17/2021	914,048.40	0.585%	91324PEB4
CORPORATE NOTE	BNY MELLON	05/28/2024	1,275,000.00	05/25/2021	1,274,885.25	0.703%	04636NAC7
CORPORATE NOTE	BNY MELLON	06/01/2024	500,000.00	05/19/2020	500,000.00	1.514%	46647PBQ8
CORPORATE NOTE	BNY MELLON	06/07/2024	420,000.00	06/07/2021	419,475.00	0.492%	24422EVQ9
CORPORATE NOTE	BNY MELLON	06/18/2024	750,000.00	06/15/2021	749,107.50	0.540%	89236TJH9
CORPORATE NOTE	BNY MELLON	07/30/2024	1,200,000.00	11/19/2021	1,242,960.00	1.099%	025816CG2
CORPORATE NOTE	BNY MELLON	08/09/2024	710,000.00	08/03/2021	709,616.60	0.518%	69371RR40
CORPORATE NOTE	BNY MELLON	08/09/2024	970,000.00	09/07/2021	969,359.80	0.773%	02665WDY4
CORPORATE NOTE	BNY MELLON	08/12/2024	600,000.00	08/09/2021	599,946.00	0.753%	05565EBU8
CORPORATE NOTE	BNY MELLON	08/12/2024	470,000.00	08/09/2021	470,000.00	0.626%	904764BN6
CORPORATE NOTE	BNY MELLON	09/10/2024	285,000.00	09/07/2021	284,814.75	0.647%	24422EVU0
CORPORATE NOTE	BNY MELLON	09/14/2024	2,145,000.00	09/07/2021	2,145,000.00	0.606%	641062AU8
CORPORATE NOTE	BNY MELLON	09/16/2024	555,000.00	09/09/2020	555,000.00	0.653%	46647PBS4
CORPORATE NOTE	BNY MELLON	10/24/2024	1,000,000.00	10/16/2020	1,000,000.00	0.810%	06051GJH3
CORPORATE NOTE	BNY MELLON	10/25/2024	670,000.00	10/20/2021	669,564.50	0.872%	06406RAX5
CORPORATE NOTE	BNY MELLON	10/30/2024	1,000,000.00	10/23/2020	1,000,000.00	0.776%	172967MT5
CORPORATE NOTE	BNY MELLON	02/10/2025	590,000.00	03/08/2021	628,468.00	0.937%	58933YAR6
CORPORATE NOTE	BNY MELLON	02/16/2025	405,000.00	02/09/2021	405,000.00	0.563%	46647PBY1
CORPORATE NOTE	BNY MELLON	04/24/2025	675,000.00	03/04/2021	694,210.50	0.882%	06406RAN7
CORPORATE NOTE	BNY MELLON	05/01/2025	460,000.00	04/27/2021	460,000.00	0.981%	172967MX6
CORPORATE NOTE	BNY MELLON	06/01/2025	605,000.00	05/24/2021	605,000.00	0.824%	46647PCH7
CORPORATE NOTE	BNY MELLON	06/23/2025	1,250,000.00	06/21/2021	1,250,000.00	0.969%	46647PCK0
CORPORATE NOTE	BNY MELLON	11/03/2025	445,000.00	10/27/2021	445,000.00	1.281%	172967ND9
CORPORATE NOTE	BNY MELLON	12/06/2025	1,250,000.00	12/01/2021	1,250,000.00	1.530%	06051GKE8
MUNICIPAL BOND / NOTE	BNY MELLON	07/01/2022	505,000.00	11/13/2020	505,000.00	1.327%	13017HAJ5
MUNICIPAL BOND / NOTE	BNY MELLON	12/01/2022	395,000.00	07/30/2020	395,000.00	0.349%	13067WQZ8
MUNICIPAL BOND / NOTE	BNY MELLON	03/15/2023	570,000.00	12/16/2020	570,000.00	0.480%	650036DR4
MUNICIPAL BOND / NOTE	BNY MELLON	07/01/2023	135,000.00	05/29/2020	135,805.95	1.798%	20772KJV2
MUNICIPAL BOND / NOTE	BNY MELLON	08/01/2023	1,300,000.00	07/23/2020	1,300,000.00	0.410%	574193TP3
MUNICIPAL BOND / NOTE	BNY MELLON	08/01/2023	465,000.00	10/30/2020	465,000.00	0.444%	54438CYH9
MUNICIPAL BOND / NOTE	BNY MELLON	11/01/2023	575,000.00	07/24/2020	575,000.00	0.422%	605581MY0
MUNICIPAL BOND / NOTE	BNY MELLON	11/01/2023	625,000.00	08/27/2020	625,000.00	0.475%	13077DMJ8
MUNICIPAL BOND / NOTE	BNY MELLON	12/01/2023	135,000.00	07/30/2020	135,000.00	0.414%	13067WRA2
MUNICIPAL BOND / NOTE	BNY MELLON	03/15/2024	1,710,000.00	12/16/2020	1,710,000.00	0.620%	650036DS2
MUNICIPAL BOND / NOTE	BNY MELLON	01/01/2025	520,000.00	01/22/2021	520,000.00	0.897%	646140DN0
MUNICIPAL BOND / NOTE	BNY MELLON	07/01/2025	630,000.00	09/03/2020	630,000.00	1.258%	341271AD6
US TREASURY NOTES	BNY MELLON	09/30/2022	1,550,000.00	09/12/2019	1,553,269.53	1.679%	912828L57
US TREASURY NOTES	BNY MELLON	10/15/2022	7,500,000.00	10/31/2019	7,471,582.03	1.507%	912828YK0
US TREASURY NOTES	BNY MELLON	10/15/2022	2,500,000.00	12/02/2019	2,481,054.69	1.647%	912828YK0
US TREASURY NOTES	BNY MELLON	10/15/2022	2,100,000.00	12/04/2019	2,087,449.22	1.590%	912828YK0
US TREASURY NOTES	BNY MELLON	11/15/2022	1,100,000.00	11/21/2019	1,101,160.16	1.588%	912828TY6
US TREASURY NOTES	BNY MELLON	11/30/2022	625,000.00	12/01/2020	624,414.06	0.172%	91282CAX9
US TREASURY NOTES	BNY MELLON	01/15/2023	3,450,000.00	02/03/2020	3,466,980.47	1.329%	912828Z29
US TREASURY NOTES	BNY MELLON	01/15/2023	2,500,000.00	03/12/2020	2,563,671.88	0.590%	912828Z29
US TREASURY NOTES	BNY MELLON	01/31/2023	900,000.00	12/26/2019	902,355.47	1.663%	912828P38
US TREASURY NOTES	BNY MELLON	01/31/2023	4,000,000.00	01/02/2020	4,016,406.25	1.612%	912828P38
US TREASURY NOTES	BNY MELLON	01/31/2023	4,000,000.00	02/02/2021	4,000,937.50	0.113%	91282CBG5
US TREASURY NOTES	BNY MELLON	03/31/2023	9,500,000.00	03/02/2020	9,695,566.41	0.820%	912828Q29
US TREASURY NOTES	BNY MELLON	03/31/2023	2,600,000.00	04/15/2021	2,598,476.56	0.155%	91282CBU4
US TREASURY NOTES	BNY MELLON	05/15/2023	3,100,000.00	06/03/2020	3,088,859.38	0.248%	912828ZP8
US TREASURY NOTES	BNY MELLON	05/31/2023	5,000,000.00	06/14/2021	4,996,679.69	0.159%	91282CCD1
US TREASURY NOTES	BNY MELLON	05/31/2023	6,000,000.00	06/17/2021	5,989,921.88	0.212%	91282CCD1
US TREASURY NOTES	BNY MELLON	06/15/2023	3,000,000.00	06/11/2020	3,003,867.19	0.207%	912828ZU7
US TREASURY NOTES	BNY MELLON	06/15/2023	3,000,000.00	06/18/2020	3,002,460.94	0.222%	912828ZU7
US TREASURY NOTES	BNY MELLON	06/30/2023	1,500,000.00	03/05/2020	1,536,445.31	0.631%	912828S35
US TREASURY NOTES	BNY MELLON	07/31/2023	5,000,000.00	05/03/2021	5,116,992.19	0.204%	912828S92
US TREASURY NOTES	BNY MELLON	09/30/2023	4,500,000.00	10/04/2021	4,497,714.84	0.276%	91282CDA6

**SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT
INVESTMENT SUMMARY
DECEMBER 31, 2021**

INVESTMENT DESCRIPTION	INSTITUTION	MATURITY DATE	PAR VALUE	ISSUE DATE	PURCHASE PRICE	BOOK YIELD RATE	CUSIP
US TREASURY NOTES	BNY MELLON	10/15/2023	3,000,000.00	10/08/2020	2,994,257.81	0.189%	91282CAP6
US TREASURY NOTES	BNY MELLON	10/31/2023	5,975,000.00	11/01/2021	5,957,961.91	0.519%	91282CDD0
US TREASURY NOTES	BNY MELLON	11/15/2023	5,065,000.00	12/01/2020	5,068,759.18	0.225%	91282CAW1
US TREASURY NOTES	BNY MELLON	12/15/2023	2,700,000.00	01/07/2021	2,693,144.53	0.212%	91282CBA8
US TREASURY NOTES	BNY MELLON	01/15/2024	1,500,000.00	02/02/2021	1,497,656.25	0.178%	91282CBE0
US TREASURY NOTES	BNY MELLON	02/15/2024	4,000,000.00	03/01/2021	3,982,656.25	0.272%	91282CBM2
US TREASURY NOTES	BNY MELLON	03/15/2024	3,500,000.00	03/11/2021	3,492,207.03	0.325%	91282CBR1
US TREASURY NOTES	BNY MELLON	03/15/2024	2,450,000.00	03/31/2021	2,443,970.70	0.334%	91282CBR1
US TREASURY NOTES	BNY MELLON	04/15/2024	2,500,000.00	04/22/2021	2,503,320.31	0.330%	91282CBV2
US TREASURY NOTES	BNY MELLON	04/15/2024	2,750,000.00	04/27/2021	2,752,041.02	0.350%	91282CBV2
US TREASURY NOTES	BNY MELLON	04/30/2024	4,500,000.00	04/05/2021	4,717,792.97	0.409%	91282CX70
US TREASURY NOTES	BNY MELLON	06/15/2024	5,000,000.00	06/14/2021	4,987,304.69	0.335%	91282CCG4
US TREASURY NOTES	BNY MELLON	06/15/2024	3,450,000.00	06/28/2021	3,428,033.20	0.467%	91282CCG4
US TREASURY NOTES	BNY MELLON	06/15/2024	3,000,000.00	07/01/2021	2,980,546.88	0.472%	91282CCG4
US TREASURY NOTES	BNY MELLON	07/15/2024	6,000,000.00	08/04/2021	6,006,562.50	0.337%	91282CCL3
US TREASURY NOTES	BNY MELLON	07/15/2024	1,375,000.00	08/05/2021	1,374,838.87	0.379%	91282CCL3
US TREASURY NOTES	BNY MELLON	07/15/2024	1,400,000.00	08/10/2021	1,397,429.69	0.438%	91282CCL3
US TREASURY NOTES	BNY MELLON	08/15/2024	3,000,000.00	08/19/2021	2,995,195.31	0.429%	91282CCT6
US TREASURY NOTES	BNY MELLON	08/15/2024	6,000,000.00	09/01/2021	5,993,437.50	0.412%	91282CCT6
US TREASURY NOTES	BNY MELLON	08/31/2024	3,000,000.00	05/03/2021	3,081,328.13	0.428%	912828YE4
US TREASURY NOTES	BNY MELLON	09/15/2024	4,200,000.00	09/16/2021	4,189,335.94	0.461%	91282CCX7
US TREASURY NOTES	BNY MELLON	09/15/2024	3,000,000.00	09/22/2021	2,992,382.81	0.461%	91282CCX7
US TREASURY NOTES	BNY MELLON	09/15/2024	3,000,000.00	10/04/2021	2,988,164.06	0.510%	91282CCX7
US TREASURY NOTES	BNY MELLON	10/15/2024	3,000,000.00	11/01/2021	2,985,234.38	0.794%	91282CDB4
US TREASURY NOTES	BNY MELLON	10/31/2024	2,750,000.00	05/04/2021	2,850,009.77	0.447%	912828YM6
US TREASURY NOTES	BNY MELLON	11/15/2024	6,000,000.00	12/02/2021	5,972,109.38	0.911%	91282CDH1
US TREASURY NOTES	BNY MELLON	11/15/2024	3,000,000.00	12/07/2021	2,982,070.31	0.957%	91282CDH1
US TREASURY NOTES	BNY MELLON	11/30/2024	2,625,000.00	06/02/2021	2,722,207.03	0.427%	912828YV6
US TREASURY NOTES	BNY MELLON	11/30/2024	2,750,000.00	06/03/2021	2,848,720.70	0.458%	912828YV6
US TREASURY NOTES	BNY MELLON	11/30/2024	5,000,000.00	06/14/2021	5,182,226.56	0.437%	912828YV6
US TREASURY NOTES	BNY MELLON	12/15/2024	2,000,000.00	12/22/2021	2,002,812.50	0.952%	91282CDN8
US TREASURY NOTES	BNY MELLON	12/15/2024	3,000,000.00	12/28/2021	3,002,578.13	0.970%	91282CDN8
FIDELITY GOVERNMENT	BNY MELLON		52,082.19		52,082.19	0.050%	
LOCAL AGENCY INVESTMENT FUND	LAIF	DAILY	53,646,273.35		53,646,273.35	0.220%	AT 12/31/21
CAMP	CAMP	DAILY	59,185,290.65		59,185,290.65	0.050%	AT 12/31/21
			<u>410,403,646.19</u>		<u>411,621,552.29</u>		
<u>DEVIL CANYON / CASTAIC FUND</u>							
LOCAL AGENCY INVESTMENT FUND	LAIF	DAILY	<u>4,593,944.64</u>		<u>4,593,944.64</u>	0.220%	AT 12/31/21
<u>GENERAL FUND</u>							
AGENCY BONDS - FNMA NOTES	BNY MELLON	04/20/2023	2,140,000.00	04/17/2020	2,134,650.00	0.459%	3137EAEQ8
AGENCY BONDS - FNMA NOTES	BNY MELLON	05/05/2023	2,025,000.00	05/05/2020	2,024,149.50	0.389%	3137EAER6
AGENCY BONDS - FNMA NOTES	BNY MELLON	05/22/2023	2,345,000.00	05/20/2020	2,337,941.55	0.351%	3135G04Q3
AGENCY BONDS - FNMA NOTES	BNY MELLON	06/26/2023	2,125,000.00	06/24/2020	2,118,795.00	0.348%	3137EAES4
AGENCY BONDS - FNMA NOTES	BNY MELLON	07/10/2023	2,225,000.00	07/08/2020	2,220,216.25	0.322%	3135G05G4
AGENCY BONDS - FNMA NOTES	BNY MELLON	07/10/2023	600,000.00	10/07/2020	599,862.00	0.258%	3135G05G4
AGENCY BONDS - FNMA NOTES	BNY MELLON	08/24/2023	2,200,000.00	08/19/2020	2,197,756.00	0.284%	3137EAEV7
AGENCY BONDS - FNMA NOTES	BNY MELLON	10/16/2023	825,000.00	10/14/2020	821,922.75	0.250%	3137EAEY1
AGENCY BONDS - FNMA NOTES	BNY MELLON	11/06/2023	2,365,000.00	11/03/2020	2,362,871.50	0.280%	3137EAEZ8
AGENCY BONDS - FNMA NOTES	BNY MELLON	11/27/2023	300,000.00	11/23/2020	299,658.00	0.288%	3135G06H1
AGENCY BONDS - FNMA NOTES	BNY MELLON	12/04/2023	1,950,000.00	12/02/2020	1,948,069.50	0.283%	3137EAF2
CERTIFICATE OF DEPOSIT	BNY MELLON	12/02/2022	1,125,000.00	12/04/2019	1,125,000.00	2.040%	23341VZT1
CERTIFICATE OF DEPOSIT	BNY MELLON	03/17/2023	885,000.00	03/19/2021	885,000.00	0.590%	22552G3C2
CORPORATE NOTE	BNY MELLON	05/19/2022	200,000.00	04/05/2019	198,674.00	2.991%	61744YAH1
CORPORATE NOTE	BNY MELLON	05/20/2022	500,000.00	05/15/2019	499,400.00	2.793%	025816CD9
CORPORATE NOTE	BNY MELLON	06/20/2022	650,000.00	03/11/2019	649,980.50	3.051%	05531FBG7
CORPORATE NOTE	BNY MELLON	09/11/2022	270,000.00	09/04/2019	269,954.10	1.706%	037833DL1
CORPORATE NOTE	BNY MELLON	09/15/2022	380,000.00	03/13/2019	376,116.40	2.735%	589331AT4
CORPORATE NOTE	BNY MELLON	09/26/2022	275,000.00	09/23/2019	274,664.50	2.042%	69371RQ33
CORPORATE NOTE	BNY MELLON	11/18/2022	225,000.00	01/09/2020	224,896.50	1.967%	14913Q3C1
CORPORATE NOTE	BNY MELLON	01/27/2023	350,000.00	01/21/2020	349,755.00	1.874%	06406RAM9
CORPORATE NOTE	BNY MELLON	01/27/2023	250,000.00	01/20/2021	250,000.00	0.481%	38141GXP4
CORPORATE NOTE	BNY MELLON	02/01/2023	125,000.00	01/23/2020	125,010.00	1.697%	00724PAA7
CORPORATE NOTE	BNY MELLON	02/01/2023	130,000.00	01/22/2020	129,821.90	1.747%	00724PAA7

**SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT
INVESTMENT SUMMARY
DECEMBER 31, 2021**

INVESTMENT DESCRIPTION	INSTITUTION	MATURITY DATE	PAR VALUE	ISSUE DATE	PURCHASE PRICE	BOOK YIELD RATE	CUSIP
CORPORATE NOTE	BNY MELLON	02/14/2023	350,000.00	08/19/2019	348,666.50	1.864%	88579YBL4
CORPORATE NOTE	BNY MELLON	02/24/2023	250,000.00	02/20/2020	250,000.00	1.744%	69353RFT0
CORPORATE NOTE	BNY MELLON	04/06/2023	205,000.00	04/06/2021	204,833.95	0.441%	89236TJD8
CORPORATE NOTE	BNY MELLON	05/01/2023	275,000.00	04/29/2020	274,455.50	0.817%	713448EY0
CORPORATE NOTE	BNY MELLON	05/11/2023	550,000.00	05/04/2020	548,504.00	0.842%	037833DV9
CORPORATE NOTE	BNY MELLON	05/11/2023	255,000.00	05/07/2020	255,000.00	1.141%	166764BV1
CORPORATE NOTE	BNY MELLON	06/03/2023	600,000.00	06/01/2020	599,160.00	0.447%	023135BP0
CORPORATE NOTE	BNY MELLON	06/08/2023	115,000.00	06/01/2020	114,840.15	0.847%	69371RQ82
CORPORATE NOTE	BNY MELLON	06/26/2023	350,000.00	06/09/2020	378,609.00	0.608%	931142EK5
CORPORATE NOTE	BNY MELLON	08/11/2023	100,000.00	08/04/2020	99,869.00	0.394%	69371RQ90
CORPORATE NOTE	BNY MELLON	08/11/2023	135,000.00	08/10/2020	135,000.00	0.426%	166756AJ5
CORPORATE NOTE	BNY MELLON	09/14/2023	150,000.00	09/08/2020	149,808.00	0.418%	904764BJ5
CORPORATE NOTE	BNY MELLON	09/14/2023	250,000.00	09/09/2020	249,830.00	0.473%	14913R2F3
CORPORATE NOTE	BNY MELLON	11/13/2023	545,000.00	11/09/2020	545,000.00	0.537%	110122DT2
CORPORATE NOTE	BNY MELLON	11/17/2023	425,000.00	11/16/2020	425,000.00	0.627%	38141GXL3
CORPORATE NOTE	BNY MELLON	01/11/2024	550,000.00	01/06/2021	549,967.00	0.452%	89236THU2
CORPORATE NOTE	BNY MELLON	01/17/2024	240,000.00	03/01/2021	239,829.60	0.475%	24422EVN6
CORPORATE NOTE	BNY MELLON	01/25/2024	675,000.00	01/20/2021	675,000.00	0.529%	6174468W2
CORPORATE NOTE	BNY MELLON	02/08/2024	255,000.00	02/01/2021	254,824.05	0.373%	63743HEU2
CORPORATE NOTE	BNY MELLON	03/05/2024	500,000.00	09/24/2020	532,130.00	0.878%	06051GHF9
CORPORATE NOTE	BNY MELLON	03/16/2024	400,000.00	03/09/2021	400,000.00	0.697%	46647PBZ8
CORPORATE NOTE	BNY MELLON	03/18/2024	360,000.00	03/16/2021	359,820.00	0.767%	808513BN4
CORPORATE NOTE	BNY MELLON	04/15/2024	275,000.00	05/07/2020	301,287.25	1.151%	20030NCR0
CORPORATE NOTE	BNY MELLON	05/12/2024	840,000.00	05/10/2021	838,773.60	0.499%	023135BW5
CORPORATE NOTE	BNY MELLON	05/15/2024	395,000.00	05/17/2021	394,589.20	0.585%	91324PEB4
CORPORATE NOTE	BNY MELLON	05/28/2024	550,000.00	05/25/2021	549,950.50	0.703%	04636NAC7
CORPORATE NOTE	BNY MELLON	06/01/2024	250,000.00	05/19/2020	250,000.00	1.514%	46647PBQ8
CORPORATE NOTE	BNY MELLON	06/07/2024	185,000.00	06/07/2021	184,768.75	0.492%	24422EVQ9
CORPORATE NOTE	BNY MELLON	08/09/2024	210,000.00	08/03/2021	209,886.60	0.518%	69371RR40
CORPORATE NOTE	BNY MELLON	08/09/2024	385,000.00	09/07/2021	384,745.90	0.773%	02665WDY4
CORPORATE NOTE	BNY MELLON	08/12/2024	240,000.00	08/09/2021	239,978.40	0.753%	05565EBU8
CORPORATE NOTE	BNY MELLON	08/12/2024	185,000.00	08/09/2021	185,000.00	0.626%	904764BN6
CORPORATE NOTE	BNY MELLON	09/10/2024	80,000.00	09/07/2021	79,948.00	0.647%	24422EVU0
CORPORATE NOTE	BNY MELLON	09/14/2024	850,000.00	09/07/2021	850,000.00	0.606%	641062AU8
CORPORATE NOTE	BNY MELLON	09/16/2024	355,000.00	09/09/2020	355,000.00	0.653%	46647PBS4
CORPORATE NOTE	BNY MELLON	10/24/2024	500,000.00	10/16/2020	500,000.00	0.810%	06051GJH3
CORPORATE NOTE	BNY MELLON	10/25/2024	310,000.00	10/20/2021	309,798.50	0.872%	06406RAX5
CORPORATE NOTE	BNY MELLON	10/30/2024	250,000.00	10/23/2020	250,000.00	0.776%	172967MT5
CORPORATE NOTE	BNY MELLON	02/10/2025	220,000.00	03/08/2021	234,344.00	0.937%	58933YAR6
CORPORATE NOTE	BNY MELLON	02/16/2025	120,000.00	02/09/2021	120,000.00	0.563%	46647PBY1
CORPORATE NOTE	BNY MELLON	04/24/2025	325,000.00	03/04/2021	334,249.50	0.882%	06406RAN7
CORPORATE NOTE	BNY MELLON	05/01/2025	310,000.00	04/27/2021	310,000.00	0.981%	172967MX6
CORPORATE NOTE	BNY MELLON	06/01/2025	340,000.00	05/24/2021	340,000.00	0.824%	46647PCH7
CORPORATE NOTE	BNY MELLON	11/03/2025	205,000.00	10/27/2021	205,000.00	1.281%	172967ND9
MUNICIPAL BOND / NOTE	BNY MELLON	07/01/2022	235,000.00	11/13/2020	235,000.00	1.327%	13017HAJ5
MUNICIPAL BOND / NOTE	BNY MELLON	12/01/2022	170,000.00	07/30/2020	170,000.00	0.349%	13067WQZ8
MUNICIPAL BOND / NOTE	BNY MELLON	03/15/2023	265,000.00	12/16/2020	265,000.00	0.480%	650036DR4
MUNICIPAL BOND / NOTE	BNY MELLON	07/01/2023	65,000.00	05/29/2020	65,388.05	1.798%	20772KJV2
MUNICIPAL BOND / NOTE	BNY MELLON	08/01/2023	625,000.00	07/23/2020	625,000.00	0.410%	574193TP3
MUNICIPAL BOND / NOTE	BNY MELLON	08/01/2023	435,000.00	10/16/2020	435,000.00	0.499%	798306WM4
MUNICIPAL BOND / NOTE	BNY MELLON	08/01/2023	220,000.00	10/30/2020	220,000.00	0.444%	54438CYH9
MUNICIPAL BOND / NOTE	BNY MELLON	11/01/2023	275,000.00	07/24/2020	275,000.00	0.422%	605581MY0
MUNICIPAL BOND / NOTE	BNY MELLON	12/01/2023	75,000.00	07/30/2020	75,000.00	0.414%	13067WRA2
MUNICIPAL BOND / NOTE	BNY MELLON	03/15/2024	800,000.00	12/16/2020	800,000.00	0.620%	650036DS2
MUNICIPAL BOND / NOTE	BNY MELLON	01/01/2025	240,000.00	01/22/2021	240,000.00	0.897%	646140DN0
MUNICIPAL BOND / NOTE	BNY MELLON	07/01/2025	295,000.00	09/03/2020	295,000.00	1.258%	341271AD6
US TREASURY NOTES	BNY MELLON	01/15/2023	1,150,000.00	02/03/2020	1,155,660.16	1.329%	912828Z29
US TREASURY NOTES	BNY MELLON	01/15/2023	1,000,000.00	03/12/2020	1,025,468.75	0.590%	912828Z29
US TREASURY NOTES	BNY MELLON	01/31/2023	925,000.00	12/26/2019	927,420.90	1.663%	912828P38
US TREASURY NOTES	BNY MELLON	01/31/2023	2,400,000.00	01/02/2020	2,409,843.75	1.612%	912828P38
US TREASURY NOTES	BNY MELLON	01/31/2023	4,000,000.00	02/02/2021	4,000,937.50	0.113%	91282CBG5
US TREASURY NOTES	BNY MELLON	03/31/2023	1,200,000.00	04/15/2021	1,199,296.88	0.155%	91282CBU4
US TREASURY NOTES	BNY MELLON	05/15/2023	2,000,000.00	06/03/2020	1,992,812.50	0.248%	912828ZP8
US TREASURY NOTES	BNY MELLON	06/15/2023	1,500,000.00	06/11/2020	1,501,933.59	0.207%	912828ZU7

**SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT
INVESTMENT SUMMARY
DECEMBER 31, 2021**

INVESTMENT DESCRIPTION	INSTITUTION	MATURITY DATE	PAR VALUE	ISSUE DATE	PURCHASE PRICE	BOOK YIELD RATE	CUSIP
US TREASURY NOTES	BNY MELLON	06/15/2023	1,000,000.00	06/18/2020	1,000,820.31	0.222%	912828ZU7
US TREASURY NOTES	BNY MELLON	06/30/2023	750,000.00	03/05/2020	768,222.66	0.631%	912828S35
US TREASURY NOTES	BNY MELLON	09/30/2023	1,800,000.00	10/04/2021	1,799,085.94	0.276%	91282CDA6
US TREASURY NOTES	BNY MELLON	10/15/2023	1,000,000.00	10/08/2020	998,085.94	0.189%	91282CAP6
US TREASURY NOTES	BNY MELLON	11/15/2023	2,365,000.00	12/01/2020	2,366,755.27	0.225%	91282CAW1
US TREASURY NOTES	BNY MELLON	12/15/2023	1,200,000.00	01/07/2021	1,196,953.13	0.212%	91282CBA8
US TREASURY NOTES	BNY MELLON	02/15/2024	2,500,000.00	03/01/2021	2,489,160.16	0.272%	91282CBM2
US TREASURY NOTES	BNY MELLON	03/15/2024	2,000,000.00	03/11/2021	1,995,546.88	0.325%	91282CBR1
US TREASURY NOTES	BNY MELLON	04/15/2024	575,000.00	04/22/2021	575,763.67	0.330%	91282CBV2
US TREASURY NOTES	BNY MELLON	04/15/2024	850,000.00	04/27/2021	850,630.86	0.350%	91282CBV2
US TREASURY NOTES	BNY MELLON	04/30/2024	1,500,000.00	04/05/2021	1,572,597.66	0.409%	912828X70
US TREASURY NOTES	BNY MELLON	08/15/2024	1,200,000.00	08/19/2021	1,198,078.13	0.429%	91282CCT6
US TREASURY NOTES	BNY MELLON	08/15/2024	2,375,000.00	09/01/2021	2,372,402.34	0.412%	91282CCT6
US TREASURY NOTES	BNY MELLON	09/15/2024	1,750,000.00	09/16/2021	1,745,556.64	0.461%	91282CCX7
US TREASURY NOTES	BNY MELLON	09/15/2024	2,000,000.00	09/22/2021	1,994,921.88	0.461%	91282CCX7
US TREASURY NOTES	BNY MELLON	09/15/2024	1,200,000.00	10/04/2021	1,195,265.63	0.510%	91282CCX7
US TREASURY NOTES	BNY MELLON	10/31/2024	1,200,000.00	05/04/2021	1,243,640.63	0.447%	912828YM6
US TREASURY NOTES	BNY MELLON	11/15/2024	1,000,000.00	12/02/2021	995,351.56	0.911%	91282CDH1
US TREASURY NOTES	BNY MELLON	11/15/2024	900,000.00	12/07/2021	894,621.09	0.957%	91282CDH1
US TREASURY NOTES	BNY MELLON	11/30/2024	1,125,000.00	06/02/2021	1,166,660.16	0.427%	912828YV6
US TREASURY NOTES	BNY MELLON	11/30/2024	1,200,000.00	06/03/2021	1,243,078.13	0.458%	912828YV6
US TREASURY NOTES	BNY MELLON	12/15/2024	1,475,000.00	12/22/2021	1,477,074.22	0.952%	91282CDN8
FIDELITY GOVERNMENT	BNY MELLON		19,498.53		19,498.53	0.050%	
LOCAL AGENCY INVESTMENT FUND	LAIF	DAILY	16,292,602.44		16,292,602.44	0.220%	AT 12/31/21
CAMP	CAMP	DAILY	34,158,743.90		34,158,743.90	0.050%	AT 12/31/21
			<u>138,690,844.87</u>		<u>138,966,511.74</u>		

ALL INVESTMENTS LISTED ON THIS MONTHLY INVESTMENT SUMMARY AND HELD BY SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT ARE IN COMPLIANCE WITH THE DISTRICT'S INVESTMENT POLICY.

THE DISTRICT CAN MEET ITS EXPENDITURE REQUIREMENTS FOR THE NEXT SIX MONTHS.


CFO / DEPUTY GENERAL MANAGER



DATE: January 18, 2022

TO: Board of Directors

SUBJECT: List of Announcements

- A. January 19, 2022, 8:30 a.m. – Upper SAR WIFA by Teleconference - CANCELLED
- B. January 26, 2022, 8:00 a.m. – SAR Mayors’ Breakfast – RESCHEDULED (Date TBD)
- C. January 26, 2022, 8:30 a.m. – Upper SAR WIFA Technical Advisory Committee by
Teleconference
- D. February 1, 2022, 9:30 a.m. – SAWPA Commission Meeting
- E. February 1, 2022, 10:00 a.m. – SAWPA PA 24 Meeting
- F. February 1, 2022, 2 p.m. – Regular Board Meeting by Teleconference
- G. February 2, 2022, 8:30 a.m. – Upper SAR WIFA by Teleconference
- H. February 3, 2022, 2 p.m. – Board of Directors Workshop – Resources by
Teleconference
- I. February 7, 2022, 1:30 p.m. – Basin Technical Advisory Cmte – by Teleconference
- J. February 8, 2022, 2 p.m. – Board Workshop – Engineering by Teleconference
- K. February 9, 2022, 8:30 a.m. – Upper SAR WIFA Technical Advisory Committee by
Teleconference
- L. February 9, 2022, 9:00 a.m. – Board Workshop – Branding (In-Person)
- M. February 9, 2022, 1:30 p.m. – San Bernardino Valley Water Conservation District
Board Meeting
- N. February 10, 2022, 2 p.m. – Board Workshop – Policy by Teleconference

- O. February 11, 2022, 10 a.m. – Board Workshop – Board Leadership/Professional Development
- P. February 15, 2022, 2 p.m. – Regular Board Meeting by Teleconference
- Q. February 16, 2022, 8:30 a.m. – Upper SAR WIFA by Teleconference
- R. February 16, 2022, 11 a.m. – Upper SAR Water Forum – Division V (Yucaipa Valley Water District Crystal Creek Treatment Plant)
- S. February 17, 2022, 10 a.m. – Board Workshop – Board Leadership/Professional Development