



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, OCTOBER 4, 2022 – 2:00 P.M.

PUBLIC PARTICIPATION

Public participation is welcome and encouraged. You may participate in the October 4, 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, October 3, 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, October 4, 2022

CALL TO ORDER/PLEDGE OF ALLEGIANCE/ROLL CALL

1) PUBLIC COMMENT

Members of the public may address the Board regarding any item within the subject matter jurisdiction of the Board; however, no action may be taken on off-agenda items except as authorized by law. Each speaker is limited to a maximum of three (3) minutes.

2) CONSENT CALENDAR

All matters on the Consent Calendar may be approved by one motion. Any member of the Board of Directors may request an item be removed from the Consent Calendar for discussion or separate action.

2.1 Board of Directors Workshop - Resources - September 1, 2022 (Page 3)

[Staff Recommendation - Approve Board of Directors Summary Notes Workshop - Resources 090122](#)

2.2 Board of Directors Workshop - Policy- September 8, 2022 (Page 10)

[Staff Recommendation - Approve Board of Directors Summary Notes Workshop - Policy 090822](#)

2.3 Board of Directors Workshop - Engineering - September 13, 2022 (Page 20)

[Staff Recommendation - Approve Board of Directors Summary Notes Workshop - Engineering 091322](#)

3) DISCUSSION AND POSSIBLE ACTION ITEMS

3.1 Consider ESRI Enterprise Advantage Program for FY 2022-23 (Page 25)

[Staff Memo - Consider ESRI Enterprise Advantage Program for FY 2022-23](#)
[FY 2022-23 ESRI Enterprise Advantage Program Quote](#)
[FY 2021-22 Technical Workplan](#)
[Geospatial Strategy Overview](#)

- 3.2 Consider In-Person meetings or alternatively Resolution 1162 authorizing the San Bernardino Valley Municipal Water District to conduct remote meetings for the period October 4, 2022, through November 2, 2022 (Page 40)
[Staff Memo - Consider In-Person meetings or alternatively Resolution 1162 authorizing the San Bernardino Valley Municipal Water District to conduct remote meetings for the period October 4, 2022, through November 2, 2022](#)
[Resolution 1162](#)

4) REPORTS (Discussion and Possible Action)

- 4.1 CEO/General Manager's Report (Page 45)
[Staff Memo - CEO/General Manager's Report](#)
- 4.2 Directors' Report of Activities and Travel Requests in accordance with Resolution 1100
- 4.3 General Counsel Report
- 4.4 SAWPA Meeting Report

5) FUTURE BUSINESS

6) ANNOUNCEMENTS

- 6.1 List of Announcements (Page 49)
[List of Announcements 100422](#)

7) CLOSED SESSION

- 7.1 CONFERENCE WITH REAL PROPERTY NEGOTIATORS
Property: 906 Bryant Street, Calimesa, CA 92320
Agency negotiator: Heather Dyer, Wen Huang
Negotiating parties: Jonathan Joseph, Becky Joseph
Under negotiation: Price and terms of payment

8) 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.



DATE: October 4, 2022
TO: Board of Directors
FROM: Staff
SUBJECT: Summary of September 1, 2022, Board of Directors Workshop – Resources

The Resources Workshop convened on September 1, 2022. Director Hayes chaired the meeting via video conference.

Directors Present: President Kielhold, Vice President Hayes, Director Botello, Director Harrison, and Director Longville.

Staff Present:

Heather Dyer, MS, MBA – Chief Executive Officer / General Manager
Joanna Gibson, MS – Executive Director Upper SAR HCP
Wen Huang, PE, MS – Chief Engineer / Deputy General Manager
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

Anthony Flordelis – Business Systems Analyst
Matthew E. Howard, MS – Water Resources Senior Planner
Adekunle Ojo, MPA – Manager of Water Resources
Karen Resendez, MAOL – Human Resources / Risk Manager
Shavonne Turner, MPA – Water Conservation Program Manager

Brad Neufeld, Varner & Brandt, District Counsel

Members of the Public Present:

Chris Mann, Yucaipa Valley Water District
Joyce McIntire, Yucaipa Valley Water District
James Morales, East Valley Water District
Melody McDonald, San Bernardino Valley Water Conservation District
Scott Shapiro, Downey Brand

1. Introductions

There were none.

2. Public Comment

Chair Hayes invited public comment. There was none.

3. Summary of Previous Meeting

3.1 Board of Directors Workshop - Resources – August 4, 2022

The meeting notes from the August 4, 2022, Board of Directors Workshop - Resources were accepted with no corrections.

4. Discussion Items

4.1 Consideration of the United States Geological Survey (USGS) Data Collection Program for Fiscal Year 2022-2023.

Senior Water Resources Manager Matt Howard highlighted this item comes to the Board each year for consideration, as it supports and provides valuable data required for multiple projects at Valley District and throughout the watershed. The data collected by USGS includes stream flow measurements, groundwater well measurements, and precipitation stations, he explained, and detailed the following elements of the program:

1. Watermaster Data Collection Program: includes 23 different stream gauges throughout the Valley District service area and four precipitation gauges in the upper watershed areas
2. Groundwater Level Monitoring Program: Approximately 40 well sites in the Rialto-Colton, Yucaipa, and San Bernardino Basins to monitor change in water levels.

Mr. Howard presented the cost comparison for the program from fiscal year 2018-2019 to the proposed 2022-2023, noting that the total USGS program cost has increased by approximately 3.4 percent. For FY 2022-2023, the total cost of the USGS Data Collection program is \$1,164,460. The USGS contributes federal matching funds to the project in the amount of \$159,000, and reimbursement from the Western-San Bernardino Watermaster and the Santa Ana River Watermaster totals \$236,083, making Valley District's net cost for this year's program \$769,377, which was included in the fiscal year budget.

President Kielhold requested the references or program names differentiate between hydrological data and biological data to assure it is clear there are different agreements with the USGS. Mr. Howard agreed, recalling that in August, the Board approved the Water Resources Special Projects Agreement with USGS, which is a separate agreement focused on well modeling and other issues pertaining to the basins. This agreement is strictly on hydrologic data collection, he added.

Director Longville concurred, indicated support for the project, emphasized the need to protect the ratepayers and asked if other entities that benefit contribute to the cost, including the Basin Technical Advisory Committee (BTAC). Mr. Howard said he did not think the Habitat Conservation Plan provided a cost share, but now that the Yucaipa Sustainable Groundwater Management Agency (SGMA) is using the USGS wells as representative monitoring points, that those program costs will be split between Valley District and the Yucaipa SGMA in the future.

Director Longville reminded about discussion of the water resources investigations agreement and the missed opportunity to collect data that would support the Headwaters Partnership. She advocated for further data collection at other watershed locations and requested tasks be included the next year.

CEO / General Manager Heather Dyer noted the BTAC has no funding mechanism and suggested that hydrologic data collection is a fundamental responsibility of the watermaster. She said she believes Valley District should pay for this required work and it would be great if any other parties can benefit from the data that must be collected anyway. Director Longville pointed out ongoing talk about the cost of water and whether all costs are being covered. Ms. Dyer noted this could be one of the things that Valley District does which is not being accounted for in our rate and could be reflected in the cost of service. She suggested looking at this after the audit and including it in the scope of work for the cost-of-service study.

Deputy General Manager / Chief Water Resources Officer Bob Tincher pointed out that historically the Board has paid for the water level measurements throughout the basin but has shared the cost of stream gauging. The same is being proposed in Yucaipa, he added, but the Board can choose to change that.

In response to Chair Hayes, Mr. Howard noted that the USGS tries to protect its equipment as much as possible as a large amount of vandalism is experienced at their monitoring sites. Ms. Dyer added that she believes there are cameras at the stream gauge facility.

Action Item(s): The Board of Directors voted to move this item forward to a regular Board of Directors meeting for consideration by the following vote:

There was no motion or second	APPROVED: 5-0
AYES:	Botello, Hayes, Longville, Harrison, Kielhold
NOES:	None
ABSTAIN:	None
ABSENT:	None

4.2 Consider Contract Amendment with Dudek to Develop Well Ordinance for the Yucaipa Sustainable Groundwater Management Agency (SGMA)

Senior Water Resources Manager Matt Howard described a new requirement for a well ordinance for the Yucaipa SGMA pursuant to the Governor’s Executive Order N-7-22 issued in March 2022. He noted the Yucaipa SGMA was formed in 2017 and includes eight different agencies in the Yucaipa Basin. It successfully developed a groundwater sustainability plan (GSP) which was submitted to the Department of Water Resources on January 27, 2022 and is responsible for its implementation.

The Executive Order outlines specific well permitting requirements, Mr. Howard continued. The Yucaipa SGMA overlies both San Bernadino and Riverside counties and the group is working with the well permit issuing agencies in both. Local groundwater sustainability agencies (GSAs) must be included in the well permitting process and must provide written verification that the new well or alteration of an existing well would be consistent with the GSP and the sustainability goals.

The well ordinance, Mr. Howard continued, will authorize the necessary conditions for the San Bernardino and Riverside counties to issue well permits. Requests from the Yucaipa SGMA include metering on any well, and report of water level and amount of groundwater extracted. This information is necessary for the Yucaipa SGMA to know and to incorporate the information in the GSP update, Mr. Howard explained, and detailed the well permit process.

The proposal from Dudek was moved forward at the July 22nd SGMA Board meeting with anticipated completion date of October 26, 2022, Mr. Howard advised.

In response to President Kielhold, Mr. Howard explained Valley District is the Treasurer of the Yucaipa SGMA, and any contracts passed by the Yucaipa SGMA Board are presented to the Valley District board for approval. The approved contract would be paid then billed to the appropriate agencies for their proportionate amount for the work. Valley District’s share of this contract amendment is approximately \$931.00 , Mr. Howard stated.

Bob Tincher clarified the Valley District Board is a member of the Yucaipa SGMA. The regional agencies share in the costs.

Chair Hayes invited public comment. There was none.

Action Item(s): The Board of Directors voted to forward this item to the next regular Board of Directors meeting by the following roll-call vote:

There was no motion or second	APPROVED: 5-0
AYES:	Botello, Hayes, Longville, Harrison, Kielhold
NOES:	None
ABSTAIN:	None
ABSENT:	None

4.3 Discuss and Provide Direction to Staff establishing Board Meeting and Workshop Agenda Protocol.

CEO / General Manager Heather Dyer discussed four suggested alterations to current meeting protocol to create efficiencies in staff time and to establish a better workflow process of bringing items to the Board.

Ms. Dyer reminded the Board of the recent request for discussion and establishment of a time limit for public comment. The Board Handbook currently recommends three minutes, she noted.

Historically, Ms. Dyer continued, workshops were more informal than meetings, but that has changed with this Board in recent years. The workshops no longer function much differently from regular Board meetings and summary notes are prepared in a detailed format. She asked the Board to consider authorizing the ability to take formal action at workshops. By ordinance, there are two regular Board meetings per month plus workshops. If the Board is not ready to take action on an item, it can be tabled for further discussion at a future meeting, she noted.

Ms. Dyer noted that President Kielhold had suggested that if someone did not attend a workshop, they may assume the truncated presentation at the regular Board meeting is the only one the Board is hearing prior to deciding. It may be beneficial to be able to authorize action at any meeting rather than moving an item forward, she said.

Ms. Dyer noted both workshop and regular meeting minutes could be considered for approval at the minutes section of the Board meeting agenda rather than approving them multiple times at the workshops. She also suggested inclusion of a consent calendar to include approval of minutes and administrative items.

Time limit for public comment: Ms. Dyer requested establishment of a standard, non-biased process for consistent enforcement and recommended three minutes for general public comment and three minutes for each specific agenda item. District Legal Counsel Brad Neufeld recommended a three-minute limit during public comment, with the chair allowing additional public comment during a particular agenda item. Legally, the only requirement is the public be able to speak during the public comment period, he noted.

After discussion, the Board agreed on a three-minute time limit for the public comment period, plus a three-minute time limit per actual agenda item.

Formal Board action at workshops: The Board recommended the ability to take formal action at workshops but with referral of most items to the consent calendar at a regular Board meeting in order to allow time for further reflection. There would be no second staff memo or presentation. To provide full transparency, Counsel Neufeld recommended a modification to agenda descriptions.

Approval of meeting minutes and establishment of a consent calendar: The Board approved inclusion of all meeting minutes on the regular meeting consent calendar.

5. Closed Session

District Counsel Brad Neufeld introduced the Closed Session item. Chair Hayes adjourned the meeting to Closed Session at 3:20 p.m.

5.1 Conference with Real Property Negotiators

Property: Southern California Edison East End Hydroelectric Generation Plants

Agency negotiators: Heather Dyer and Wen Huang

Negotiating Party: Southern California Edison Company

Under Negotiation: Price and terms of payment

Chair Hayes returned the meeting to Open Session at 4:17 p.m. District Counsel Brad Neufeld reported that no reportable action was taken in closed session

6. Future Business.

Chair Hayes recommended re-ordering the agenda to list Closed Session as the last item.

Action Item(s): The Board of Directors approved this request by the following roll-call vote:

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

7. Adjournment.

Chair Hayes adjourned the meeting at 4:19 p.m.

Staff Recommendation

Receive and file.



DATE: October 4, 2022
TO: Board of Directors
FROM: Staff
SUBJECT: Summary of September 8, 2022, Board of Directors Workshop – Policy

The Policy Workshop convened on September 8, 2022. Director Botello chaired the meeting via video conference.

Directors Present: President Kielhold, Vice President Hayes, Director Botello, Director Harrison, and Director Longville.

Directors Absent: None

Staff Present:

Joanna Gibson, MS – Executive Director Upper SAR Habitat Conservation Program
Wen B. Huang, PE, MS – 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
Melissa Zoba, MBA, MPA – Chief Information Officer

Brent Adair – Project Manager II
Kristeen Farlow, MPA – Strategic Communications Manager
Anthony Flordelis – Business Systems Analyst
Chris Jones, MESM – Preserve System Program Manager
Matthew Olivo – Senior Accountant
Shavonne Turner, MPA – Water Conservation Program Manager

Olivia Ramirez – SBVMWD Intern

Members of the Public Present:

Joyce McIntire, Yucaipa Valley Water District
Melody McDonald, San Bernardino Valley Water Conservation District
John Longville, San Bernardino Valley Water Conservation District
Larry Smith, United States Geological Survey (USGS)

1. Introductions

There were none.

2. Public Comment

Chair Botello invited public comment. There was none.

3. Summary of Previous Meeting

The meeting notes from the August 11, 2022, Board of Directors Workshop - Policy were accepted with no corrections.

4.1 Discuss Board Participation on California Special District Association Committees and Feedback Teams

Water Conservation Program Manager Shavonne Turner provided background on the California Special Districts Association (CSDA) and explained the opportunity for engagement via committees and Expert Feedback Teams.

Director Botello asked about meetings, and Ms. Turner responded that meetings are held in Sacramento; Cindy Saks noted that there are additional meeting locations.

Director Harrison indicated he would like to continue to serve on the Legislative Committee and would like his name submitted for the Elections and Bylaws Committee.

Director Botello acknowledged direction to staff and thanked Director Harrison for his participation.

4.2 Consider Funding the Development of a Master Plan for the Louis Robidoux Parkland & Pecan Grove

Preserve System Program Manager Chris Jones requested consideration of the following:

1. A consulting agreement with the Claremont Environmental Design Group (CEDG) for development of a site-wide master plan for the Louis Robidoux Parkland & Pecan Grove (LRPPG)
2. Purchase order for SWCA Environmental Consultants to collaborate on the master planning process

3. Cooperative agreement with the Inland Empire Resource Conservation District (IERCD) to fund a site-wide master plan

Since the last agreement was signed to manage the LRPPG, staff has worked with partners to get the site up and running, with the IERCD taking the lead and investing more than \$0.5 million in the site so far, Mr. Jones advised. Electrical and water has been restored and there is now a caretaker living at the site. A hazard assessment has been done, along with outreach. Valley District completed a water supply study alongside Huerta del Valle, and other grant opportunities are being sought to help fund participation in the project.

A grant from the Wildlife Conservation Board California Riparian Habitat Conservation Program will help fund the master plan development, Mr. Jones continued. Several different species surveys are ongoing on the site and an Opportunities and Constraints Analysis will be performed to determine restoration opportunities.

Mr. Jones briefed the Board on the process of returning to the site and working out management details. Next is the planning, design and permitting process, he noted.

The purpose of the Scope of Work (SOW) for the Master Plan is to expand upon a conceptual plan that was developed as part of the grant application, and the Riparian Habitat Conservation grant will allow the expansion of the project planning area from the 40-acre LRPPG site to the entire 300-acre site. This will allow for development and management of a habitat core located in the middle of the Santa Ana River Preserve unit, Mr. Jones stated.

The SOW includes heavy emphasis on coordination and on gathering information from the local communities which have longstanding ties to the site, Mr. Jones explained. He pointed to the deliverables and noted that the Plan will be divided into five- and 20-year intervals to retain a solid site presence in the near term and build toward a long-term vision. Work plans within the Master Plan will include estimated schedules and budgets and will be tied together as a map that will provide a simple visual description of the process and include the implementation strategy.

Four responses were received to the Request for Proposal, with prices ranging from \$58,000 to almost \$400,000, Mr. Jones reported. Claremont Environmental Group was tentatively selected by a selection committee as the least cost, most responsive proposal at \$94,000.

The team felt it would be prudent to seek funding for participation of SWCA employee Lindsay Teunis on the master planning team due to her background with the project; SWCA provided a not-to-exceed proposal of \$25,000.

This item supports the District's mission and is in line with the Strategic Plan in supporting the HCP conservation strategy that will permit approximately 80,000 acre-feet of groundwater recharge each year and will provide education on the importance of the HCP and the local flora and fauna, and on water conservation, Mr. Jones explained. It will also provide some work and storage space for field equipment for Valley District staff working on the tributary restoration projects and other mitigation areas. It is also hoped to offer a native plant nursery and seed storage facility, he added.

The total fiscal impact is \$119,000, Mr. Jones stated. Partners and grant funding will contribute to the cost, leaving Valley District with an expenditure of \$32,000, which is below the previously estimated \$60,000 and is within the approved FY 2022-23 general fund budget.

In response to Vice President Hayes, Mr. Jones identified the location on the map and confirmed there are several modular buildings on site and the rehab center is now functioning. She asked about cultural resources, and Mr. Jones noted the representatives will be engaged during the planning process.

In response to President Kielhold, Mr. Jones identified the expanded planning area on the map and said the focus of this Master Plan will occur on the 40-acre LRPPG site, but the larger area will encompass all the contiguous parcels, predominantly owned by Riverside County Parks (which is a party to the agreement) and Riverside County Flood Control (also engaged in the planning process, but not in the cost share).

Director Longville indicated that the CEDG proposal was one of the best she had read for a project of this type and applauded the selection. She said she particularly liked the integration of resilience in all aspects, as aridity will be increasing in the area.

President Kielhold asked about the impetus for an RFP for work on the Master Plan rather than producing it in-house; Mr. Jones pointed out the specialization required to prepare a Master Plan, which we do not have in-house at this time, and assured that staff would be involved in and leading the process.

Director Botello noted that the proposers appeared excited about the project and the work.

Action Item(s): The Board of Directors directed staff to forward this item to the next regular meeting of the Board by the following roll call vote:

There was no motion or second	APPROVED: 5-0
AYES:	Botello, Harrison, Hayes, Kielhold, Longville
NOES:	None
ABSTAIN:	None
ABSENT:	None

4.3 Consider a Cooperative Agreement with Riverside County Parks & Open Space District for Fiscal Years 2022 – 2024

Upper Santa Ana River Habitat Conservation Program Executive Director Joanna Gibson introduced the three-year cooperative agreement. Valley District and HCP partners have significant mitigation obligations required by regulatory permits located along the Santa Ana River. Those include Valley District’s mitigation for the Waterman Basins cleanout and routine maintenance moving forward, as well as the upcoming Cactus Basins Recharge Project. Another entity placing mitigation in this area is West Valley Water District for their lower Cactus Basins, she said.

There are multiple mitigation areas that are critical to the conservation strategy of the HCP including tributary restoration projects, and the micro-habitat enhancement projects. Investment in these positions through this cooperative agreement will help protect these current and future mitigation requirements and will guarantee accessibility to the rangers by staff for safety purposes. In addition, they provide skilled biological and habitat management staff who can assist with habitat management moving forward.

Ms. Gibson reminded about the success of the 2020 agreement with Riverside County Parks, including safety and the ability to use the rangers to conduct biological surveys. She pointed to a map of homeless encampments along the river and indicated it has been effective having the rangers regularly patrol the area.

Ms. Gibson explained the removal of non-native vegetation from an 80-acre area and planting of the native saplings at no additional cost to Valley District.

The cooperative agreement for consideration includes two full time ranger positions and a half-time operator. The SOW also includes assistance with pre-construction surveys, habitat management, outreach about restoration projects, and use of vehicles for daily patrols and heavy equipment. The rangers are part of the Public Safety and Engagement Team (PSAT)

and have access to Sheriffs, Animal Control, and rehousing funds, and are able to issue eviction notices.

The benefits to Valley District of this proactive approach include a reliable daily visual on the ground, public outreach, trash removal, and assistance with implementation of the habitat management actions, Ms. Gibson explained. She noted this agreement supports the Strategic Plan.

The annual cost is \$361,000. With HCP partners participation, Valley District's share will be \$144,400 per year, Ms. Gibson explained.

Vice President Hayes asked whether the Riverside County rangers would be pulled away for other projects (other than in an emergency). Ms. Gibson explained they could perform other duties on an as-needed basis for County Parks but are assigned to Valley District.

President Kielhold asked for clarification on needed mitigation projects. Ms. Gibson detailed obligations for the Waterman Basins cleanout, Cactus Basins, Hidden Valley Creek, and Hidden Valley Ponds, totaling more than 130 acres. President Kielhold asked if there was an agreement with the County to recharge in the Cactus Basins, and Deputy General Manager/Chief Engineer Wen Huang confirmed the agreement is in progress. There is a pre-existing recharge agreement with the County for the Waterman Basin, he added. That agreement has expired, but the County has allowed continued use of the Basin while work is proceeding on the new master agreement. Deputy General Manager / Chief Financial Officer Cindy Saks added that the agreement is actively in process with the CEO / General Manager and legal counsel. President Kielhold noted that it has been in process for more than a year. Ms. Saks will request an update on the project.

Director Botello noted at the core of the agreement is assuring mitigation and securing opportunities for future projects. Ms. Gibson concurred and noted it is a requirement of the permits needed and those in place that mitigation sites are maintained in a certain condition in the long term. This cooperative agreement will help facilitate that moving forward and will provide cost savings as the rangers and operator can do multiple tasks that would otherwise need to be outsourced.

Vice President Hayes noted there are partners in the HCP which do not have current projects and asked if mitigation would be available for them later. Ms. Gibson assured that all the projects in the HCP have mitigation areas identified.

Vice President Hayes pointed to the use of Cactus Basins and the cooperative grant. Mr. Huang reviewed some history with the Flood Control District. A recharge component is

included in the Cactus Basin California Environmental Quality Act permit for the future, he assured. There will be a solution working with Flood Control that will eventually allow Valley District to do recharge in Cactus Basins, he stated. President Kielhold suggested that Flood Control may instead choose to return the grant money rather than perform the obligation of the funding agreement. Mr. Huang said the agreement and amendment indicated that the agencies would work cooperatively in the future to accomplish recharge. In response to President Kielhold, Mr. Huang stated that Valley District owns none of the basins at Cactus.

Director Botello pointed out the rangers are developing a relationship with the unsheltered individuals in the River area, and this is an opportunity to connect them with wraparound services. Ms. Gibson explained there is an active program in place and referred to the PSAT team. She also noted that the City of Riverside recently passed an ordinance against camping in the riverbed, which will have traction to make this a safer area moving forward. There is also significant fire risk in the area, she added.

President Kielhold asked which areas would be patrolled. Ms. Gibson said all the Riverside County lands and City lands including all the sites where funds are being invested for compensatory mitigation.

Action Item(s): The Board of Directors directed staff to forward this item to the next regular meeting of the Board by the following roll call vote:

There was no motion or second		APPROVED: 5-0
AYES:	Botello, Harrison, Hayes, Kielhold, Longville	
NOES:	None	
ABSTAIN:	None	
ABSENT:	None	

4.4 Consider Award of Contracts for the Santa Ana River Enhanced Recharge (SARER)

1A Lining Rehabilitation Project

Project Manager II Brent Adair requested consideration of the following:

1. Award of construction of the Santa Ana River Enhanced Recharge (SARER) 1A Lining Rehabilitation Project to Borden Excavating, Inc. based on the bid amount of \$1,690,670 and authorize the CEO / General Manager to execute the agreement with Borden Excavating, Inc.
2. Approve the contingent costs of up to ten percent above the contract amount (approximately \$169,067)

3. Authorize the CEO / General Manager to contact with materials testing firms for the project for soil density and other work (approximately \$50,000)

Mr. Adair provided an overview of the project, completed in 2018. The project operated as designed but it was found that water was being lost percolating through the basin and the inlet channel, he explained. In mid-2019, the Board authorized a contact to design an impervious liner to reduce the amount of water lost. After design completion, and advertising, only one bid was received from Borden Excavating. After examination, staff and project designer GHD found that the bid, given inflation and construction costs, was in line with current market conditions.

After addition of contingency and other costs, the total project is estimated at \$1.9 million, Mr. Adair advised. There is a 72% / 28% cost share with Western Municipal Water District (WMWD), with WMWD responsible for \$534,000, and Valley District responsible for \$1.375 million.

This project comports with the District's Strategic Plan for long term water storage, Mr. Adair noted. Deputy General Manager/Chief Engineer Wen Huang reminded this project is part of the water rights application related to Seven Oaks Dam and the District has 50 years to construct its facility to perfect the water rights and is also earmarked to receive funds from the WIFIA loan.

Director Harrison asked what had made the basin leak and why was it not addressed in the design aspect. Mr. Huang advised that a little percolation would have been acceptable, as the purpose of the enhanced recharge project was to allow captured stormwater to percolate into the groundwater basin. Extensive research showed the use of the site by the Army Corps of Engineers when constructing the Seven Oaks Dam and backfilling of the site with rocks and boulders. When the sedimentation basin was sited on top of that area, after several flow tests, staff found 35 to 40 cubic feet per second percolation in the channel and in the sedimentation basin, Mr. Huang explained. Mr. Adair advised that materials were brought in to add to the bottom, which helped a little but was still pushing 25 cfs.

Vice President Hayes asked about the process to limit use of the ten percent contingency. Mr. Huang explained staff serves as construction manager and will oversee the project. Any change order is under the control of staff, is proposed based on unforeseen circumstances discovered during construction, and will undergo review to assure the cost is reasonable. The contingency can also be used for betterment or improvements to the project, he added. Vice President Hayes emphasized monitoring.

President Kielhold asked about project funding prior to the WIFIA loan. Mr. Huang pointed to the reimbursement agreement in place under the WIFIA loan and said expenditures need to be tracked, and the Environmental Protection Agency (EPA) has confirmed it should not be a problem, as there are no CEQA issues because the area was previously disturbed. Ms. Saks indicated that general fund cash reserves would be used.

Director Botello reiterated this was the only bid received and asked Mr. Huang if he was comfortable with the cost. Mr. Huang indicated staff was concerned as the bid was higher than originally estimated; however, given current supply chain issues and labor shortage, and in asking the design engineer to update their engineering costs to assure the liner material is still in line with the bid, the conclusion was that the desire is to get this project done at this time to show the Water Board that progress is being made toward the water rights proceeding. It is a reasonable price given the current market, he stated.

Director Botello agreed with Director Hayes that contractors sometimes look at the contingency as something that can be counted on, and said he was counting on staff to assure prudence in approval of any change orders.

Director Longville pointed to the authorization for the CEO / General Manager to contract with a materials testing firm for the project. Mr. Adair indicated it would cover third party soils testing, not the lining product itself.

Action Item(s): The Board of Directors directed staff to forward this item to the next regular meeting of the Board by the following roll call vote:

There was no motion or second		APPROVED: 5-0
AYES:	Botello, Harrison, Hayes, Kielhold, Longville	
NOES:	None	
ABSTAIN:	None	
ABSENT:	None	

5. Reports

State and Federal Legislative Update

Chief of Staff / Clerk of the Board Jose Macedo reported the six bills referenced in the staff report are on the Governor's desk for consideration. The Governor has until September 30 to sign or veto the bills. Strategic Communications Manager Kristeen Farlow will provide an update in October.

Director Harrison noted that he and members of the Board have a keen interest in the six items and requested an update on status as they are addressed by the Governor.

Director Longville said she hoped that SB 852, the Climate Resilience Districts bill which would create financing powers to allow some of the Climate Adaptation and Resiliency Plan to work with local governments, would be signed by the Governor.

6. Future Business

Director Longville indicated there has been interest in developing public access around the recycled water recharge ponds for passive recreation and requested Board discussion. President Kielhold pointed out that this Board should take an action before it is addressed by the 2x2 Committee.

Action Item(s): The Board approved this item to be added to a future Board meeting by the following vote:

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

7. Adjournment.

Chair Botello adjourned the meeting at 3:06 p.m.

Staff Recommendation

Receive and file.



DATE: October 4, 2022
TO: Board of Directors
FROM: Staff
SUBJECT: Summary of September 13, 2022, Board of Directors Workshop – Engineering

The Engineering Workshop convened on September 13, 2022. Director Harrison chaired the meeting via video conference.

Directors Present: President Kielhold, Vice President Hayes, Director Botello, Director Harrison, and Director Longville.

Staff Present:

Heather Dyer, MS, MBA – Chief Executive Officer / General Manager
Joanna Gibson, MS – Executive Director Upper SAR Habitat Conservation Program
Wen B. Huang, PE, MS – 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
Melissa Zoba, MBA, MPA – Chief Information Officer

Kristeen Farlow, MPA – Strategic Communications Manager
Anthony Flordelis – Business Systems Analyst
Adekunle Ojo, MPA – Water Resources Manager
Matthew Olivo – Senior Accountant
Karen Resendez, MAOL - Human Resources/Risk Manager
Shavonne Turner, MPA – Water Conservation Program Manager

Olivia Ramirez, SBVMWD Intern

Members of the Public Present:

Brian Dickinson, City of Colton
Chris Mann, Yucaipa Valley Water District
James Morales, East Valley Water District
Joyce McIntire, Yucaipa Valley Water District
Melody McDonald, San Bernardino Valley Water Conservation District
Leland Lubinsky

1. Introductions

Chief Executive Officer / General Manager Heather Dyer introduced staff members present. Ms. Melody McDonald of the San Bernardino Valley Water Conservation District introduced herself.

2. Public Comment

Chair Harrison invited public comment. There was none.

3. Summary of Previous Meeting

The summary notes from the August 9, 2022, Board of Directors Workshop - Engineering were accepted with no corrections.

4.1 Discussion of the Strategic Plan: Goals and Actions for San Bernardino Valley Municipal Water District

Chief Executive Officer / General Manager Heather Dyer reminded the Board about the completion of the “Strategic Plan: *Our Foundations*: in spring 2022. This was the first strategic plan ever completed by the District and was intended to be a fundamental and foundational document that would not change over time, including mission, vision, and values along with the priorities and strategies as developed by the Board.

The companion document, “Volume 2: *Goals and Actions*” is intended to change over time, being updated at regular intervals, Ms. Dyer continued. It is a roadmap that lays out specific goals and how the mission (“Work collaboratively to provide a reliable and sustainable water supply to support the changing needs of the region’s people and environment”) will be achieved, she explained.

Director Longville posited that proposed actions should be brought to the Board for the opportunity to comment and to determine if they are adequate to reach the goals. Ms. Dyer assured that by approving the content in this presentation, the Board is not approving every action, each of which will come back to the Board as a contract, or through the budget process, or as any other item would, Ms. Dyer assured. Actions are intended to provide direction on work needed to achieve the goals and objectives, she said, and explained that the daily work plan and staff’s knowledge provides the perspective to develop the right actions to be brought back to the Board for input. This is the estimation of what needs to be done over the next three years to achieve the goals and objectives, she noted.

Directors concurred that actions are more staff-driven and detailed. Within actions, there also needs to be flexibility to pivot amid changing circumstances, Ms. Dyer noted.

Director Botello acknowledged the structure and reminded the Board is a policy body, saying he did not want to get in the way of staff.

In response to a question from Mr. Leland Lubinsky, Ms. Dyer indicated that any contradictions between the interests of the District and that of the region would be brought to the Board for decision; however, she stated she could not think of many examples where that has been the case. Chair Harrison confirmed.

In response to a question from the public, Ms. Dyer pointed out Valley District's opportunity to be an integral part of regional solutions and noted that the District has the needed asset (water supply) and is in a strong position. Vice President Hayes asked about the possibility of the State appropriating some of the District's water supply. Ms. Dyer explained this is an adjudicated basin and there are firm rules about the water belonging to people. Ms. Dyer also explained opportunities for the District to leverage that asset. For regional sustainability, the District should be part of the greater solution, but also must do the best for the ratepayers, she said.

Ms. Dyer presented the strategies, goals, and objectives in detail and provided context. The Board provided input on goals, objectives, and made suggestions as to actions.

The Board offered the following input:

- Define stakeholders
- Include co-hosting community forums with other local agencies and community groups; broaden this list to additional groups
- Integrate the Santa Ana Watershed Project Authority
- Recognize the cooperation between the wholesaler Valley District and the retailers and provide a unified message
- Make available the presentations done by staff
- Produce biographies for each director
- Be specific but flexible

Directors commented on the plan content. Director Botello pointed out that discussion regarding effective governance is always positive, and reminded that although directors are individuals, the board is a whole.

Vice President Hayes stated the plan is good and shows detailed and logical thinking. Director Harrison agreed, and said it is good to see the strategic plan begin to be fleshed out and become specific with ideas on how to move ahead.

In response to President Kielhold, Ms. Dyer explained the next steps. Staff is envisioning this as a companion document to the “Strategic Plan: *Our Foundations*.” There is value in setting down intent. There is a vision, and this is a good roadmap, but it is open to revision on an action-by-action basis, she noted. This provides a good way to help department heads in planning. She asked the Board to take a few weeks to review the information and solidify expectations of staff. This will be a guiding document for the next three years, then the actions will be revised.

President Kielhold observed there are many more things in this plan than can be accomplished and asked how it might be narrowed. Ms. Dyer noted the Board does not approve the actions in bulk, they are proposed on a singular basis with timelines. She recommended approval of this set of goals and the objectives.

President Kielhold asked if there was a way that the Board might anticipate what would come forward for approval, and Ms. Dyer suggested that a summary for each year could be prepared based on what staff believes can be done.

Director Longville noted what is published for the public is the goals and objectives, but actions are within meeting documents. She said she had some suggestions for the actions and will send them to Ms. Dyer. Director Botello compared the document to a roadmap to provide guidance and noted the actions are staff-driven. If there is a need for contracts or a fiscal impact, those would be brought to the Board.

Vice President Hayes said she was comfortable with approval to the objective level, not the action level, which may change. Director Harrison concurred.

Leland Lubinsky pointed to Objective 5 related to employee retention and asked if District leadership would support staff unionization. Ms. Dyer indicated this is unknown; it has never come up.

Ms. Dyer clarified for Mr. Lubinsky that Valley District’s water is adjudicated, and the District is in a strong position to develop an opportunity to work with regional partners on activities

such as storage, moving water around, or other actions, and the District is in a position to determine with what it is or is not comfortable.

Ms. Dyer summarized:

- The Board is comfortable with the Strategic Plan listing Goals and Objectives
- An Actions document would not be published as part of the Strategic Plan
- The Board would approve the body of work
- Actions can be finessed and worked through as initiatives are developed.

Action Item(s): The Board of Directors voted to approve the Goals and Objectives as amended to include reference to the Santa Ana Watershed Project Authority by the following vote:

There was no motion or second	APPROVED: 5-0
AYES:	Botello, Harrison, Hayes, Longville, Kielhold
NOES:	None
ABSTAIN:	None
ABSENT:	None

5. Future Business.

None added.

6. Adjournment.

Chair Harrison adjourned the meeting at 3:53 p.m.

Staff Recommendation

Receive and file.



DATE: October 4, 2022
TO: Board of Directors
FROM: Melissa Zoba, Chief Information Officer
SUBJECT: Consider ESRI Enterprise Advantage Program for FY 2022-23

Staff Recommendation

Staff recommends the Board consider authorizing the CEO/General Manager to enter into an Enterprise Advantage Program (EAP) Agreement with ESRI for FY 2022-23 in the amount of \$53,900.

Summary

ESRI's Enterprise Advantage Program (EAP) serves as a resource to plan and develop a flexible and scalable framework to accomplish the business information strategies of the District. The EAP assists with assessing, defining and prioritizing applications that align business objectives with an appropriate technology strategy. The program is designed to provide enterprise-wide visioning and enable geospatial data analysis through technical advisory, an annual planning meeting, a collaboratively developed technical work plan, and access to exclusive technology webcasts. The EAP also provides access to a combination of consulting, premium support, and training services.

The Board approved the FY 2021-22 EAP in September 2021. A kickoff meeting was conducted with ESRI and key District staff that served to assess and understand the challenges, goals and objectives of the District's technology infrastructure. The primary assessment and planning phases have been completed and a Technical Workplan has been finalized. Additionally, staff training and development of digital tools is currently underway. The next phase in this program is to continue development of the tools currently in process, continue to promote and advance workforce development, and establish information technology governance.

Background

One of the key objectives of the Business Information Services department is to assess current and future business practices and enterprise goals and develop the tools and resources to accomplish these goals. Key to the development of these resources is ensuring there is infrastructure in place to support the short-term and long-term business initiatives. Technology and data management platforms should also be integrated to gain maximum efficiency, consistency, and accuracy.

In September 2021, the Board authorized the Enterprise Advantage Program (EAP) for FY 2021-22. A two-day annual planning meeting was conducted with ESRI and key District leadership and technical staff to understand the challenges the District encounters; the business opportunities that could address those challenges; define the workforce development strategies and enterprise approach to training; and identify potential activities that could be addressed with EAP credits. A Technical Workplan was developed that document these findings and provides the long- and short-term activities to accomplish these objectives. Additionally, a Geospatial Strategy Overview was created to further articulate the major goals and objectives that will assist with execution of the strategy.

In addition to the Technical Workplan and Geospatial Strategy Overview, the FY 2021-22 EAP work included:

- Web Maps & Apps
 - Water Resources Dashboard (in development)
- Workforce Development /Training
 - ArcGIS Online: Essential Workflows (9 staff members)
 - ArcGIS Pro: Essential Workflows (2 staff members)
- Development of ArcGIS Storymaps
- Platform Engineer Consulting Support
- Adoption Strategy Consulting Support
- Monthly workgroup meetings with District staff

The proposed EAP for FY 2022-23 will continue to build on the work of the current EAP and will again begin with a planning meeting to review prior year activities and accomplishments, review the geospatial strategy and plan; and identify areas for adjustment. New challenges, goals, and priorities for the upcoming year will be established as well as success criteria; continued work and refinements to the water resources dashboard; a potential adoption strategies workshop; ArcGIS

Insights Deployment; and Field Maps Pilot (habitat data collection) are all planned activities for year 2 in the Technical Workplan.

The EAP for FY 2022-23 includes 50 technical advisor hours and 50 learning credits. The EAP is not designed for ESRI to provide project-specific professional services such as custom application or database development. Specific tasks to support project specific applications of the technical work plan will be brought to the Board as a separate action item for consideration.

Fiscal Impact

The cost of the annual ESRI EAP is \$53,900. Funds for this expenditure are included in the approved FY 2022-2023 General Fund Budget under Line Item 6360, Consultants.

Attachments

1. FY 2022-23 ESRI EAP Quotation # Q-436219
2. FY 2021-22 Technical Workplan
3. Geospatial Strategy Overview



Quotation # Q-476391

Date: July 26, 2022

Customer # 1606 Contract #

San Bernardino Valley Municipal Water District
380 E Vanderbilt Way
San Bernardino, CA 92408-3593

ATTENTION: Melissa Zoba
PHONE: (909) 387-9200
EMAIL: melissaz@sbnvwd.com

Environmental Systems Research Institute, Inc.
380 New York St
Redlands, CA 92373-8100
Phone: (909) 793-2853 Fax: (909) 307-3049
DUNS Number: 06-313-4175 CAGE Code: OAMS3

To expedite your order, please attach a copy of this quotation to your purchase order.
Quote is valid from: 7/26/2022 To: 10/24/2022

Material	Qty	Term	Unit Price	Total
161877	1	Year 1	\$53,900.00	\$53,900.00

Small Government and Local Utility EA Esri Enterprise Advantage Program (EEAP): 50 Technical Advisor Hours/ 50 Learning and Services Credits - Annual subscription designed to provide enterprise-wide visioning and geospatial enablement through technical advisory, an annual planning meeting, a collaboratively developed technical work plan, and access to exclusive quarterly technology webcasts. The program also provides access to a combination of consulting, premium support, and training services. This configuration includes a one day annual planning session; up to 50 Technical Advisor hours; Quarterly Technology Webcasts and 50 Learning and Services Credits. The Esri Advantage Program terms and conditions shall apply. If not attached, or already incorporated into an existing and current Esri master contract, these terms and conditions can be viewed on the web at <https://www.esri.com/en-us/legal/terms/services>. All travel specified in this quote is subject to Esri's business continuity measures regarding COVID-19, including the most current Federal, State, and Local Government restrictions and Centers for Disease Control and Prevention (CDC) travel advisory recommendations. All proposed project schedules are tentative and will be adjusted based on the most current COVID-19 information available, and mutual agreement of the parties.

Subtotal:	\$53,900.00
Sales Tax:	\$0.00
Estimated Shipping and Handling (2 Day Delivery):	\$0.00
Contract Price Adjust:	\$0.00
Total:	\$53,900.00

Agreement # 00302384.0

Esri may charge a fee to cover expenses related to any customer requirement to use a proprietary vendor management, procurement, or invoice program.

For questions contact: Suzanne Timani	Email: stimani@esri.com	Phone: (909) 793-2853 x1627
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The items on this quotation are subject to and governed by the terms of this quotation, the most current product specific scope of use document found at <https://assets.esri.com/content/dam/esrisites/media/legal/product-specific-terms-of-use/e300.pdf>, and your applicable signed agreement with Esri. If no such agreement covers any item quoted, then Esri's standard terms and conditions found at <https://go.esri.com/MAPS> apply to your purchase of that item. If any item is quoted with a multi-year payment schedule, then unless otherwise stated in this quotation, Customer is required to make all payments without right of cancellation. Third-party data sets included in a quotation as separately licensed items will only be provided and invoiced if Esri is able to provide such data and will be subject to the applicable third-party's terms and conditions. If Esri is unable to provide any such data set, Customer will not be responsible for any further payments for the data set. US Federal government entities and US government prime contractors authorized under FAR 51.1 may purchase under the terms of Esri's GSA Federal Supply Schedule. Supplemental terms and conditions found at <https://www.esri.com/en-us/legal/terms/state-supplemental> apply to some US state and local government purchases. All terms of this quotation will be incorporated into and become part of any additional agreement regarding Esri's offerings. Acceptance of this quotation is limited to the terms of this quotation. Esri objects to and expressly rejects any different or additional terms contained in any purchase order, offer, or confirmation sent to or to be sent by buyer. Unless prohibited by law, the quotation information is confidential and may not be copied or released other than for the express purpose of system selection and purchase/license. The information may not be given to outside parties or used for any other purpose without consent from Esri. Delivery is FOB Origin for customers located in the USA.



Quotation # Q-476391

Date: July 26, 2022

Customer # 1606 Contract #

San Bernardino Valley Municipal
Water District
380 E Vanderbilt Way
San Bernardino, CA 92408-3593

ATTENTION: Melissa Zoba
PHONE: (909) 387-9200
EMAIL: melissaz@sbnvwd.com

Environmental Systems Research Institute, Inc.
380 New York St
Redlands, CA 92373-8100
Phone: (909) 793-2853 Fax: (909) 307-3049
DUNS Number: 06-313-4175 CAGE Code: OAMS3

To expedite your order, please attach a copy of this quotation to your purchase order.
Quote is valid from: 7/26/2022 To: 10/24/2022

If you have made ANY alterations to the line items included in this quote and have chosen to sign the quote to indicate your acceptance, you must fax Esri the signed quote in its entirety in order for the quote to be accepted. You will be contacted by your Customer Service Representative if additional information is required to complete your request.

If your organization is a US Federal, state, or local government agency; an educational facility; or a company that will not pay an invoice without having issued a formal purchase order, a signed quotation will not be accepted unless it is accompanied by your purchase order.

In order to expedite processing, please reference the quotation number and any/all applicable Esri contract number(s) (e.g. MPA, ELA, SmartBuy, GSA, BPA) on your ordering document.

BY SIGNING BELOW, YOU CONFIRM THAT YOU ARE AUTHORIZED TO OBLIGATE FUNDS FOR YOUR ORGANIZATION, AND YOU ARE AUTHORIZING ESRI TO ISSUE AN INVOICE FOR THE ITEMS INCLUDED IN THE ABOVE QUOTE IN THE AMOUNT OF \$_____, PLUS SALES TAXES IF APPLICABLE. DO NOT USE THIS FORM IF YOUR ORGANIZATION WILL NOT HONOR AND PAY ESRI'S INVOICE WITHOUT ADDITIONAL AUTHORIZING PAPERWORK.

Please check one of the following:

I agree to pay any applicable sales tax.

I am tax exempt, please contact me if exempt information is not currently on file with Esri.

Signature of Authorized Representative

Date

Name (Please Print)

Title

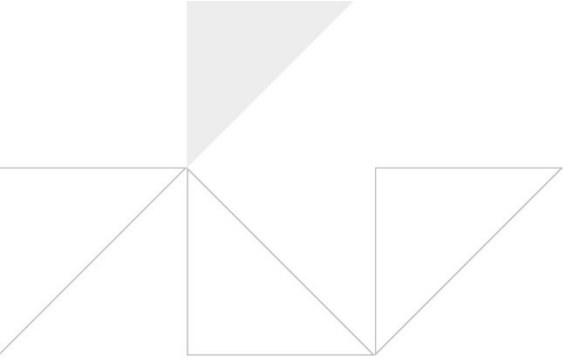
The quotation information is proprietary and may not be copied or released other than for the express purpose of system selection and purchase/license. This information may not be given to outside parties or used for any other purpose without consent from Environmental Systems Research Institute, Inc. (Esri).

Any estimated sales and/or use tax reflected on this quote has been calculated as of the date of this quotation and is merely provided as a convenience for your organization's budgetary purposes. Esri reserves the right to adjust and collect sales and/or use tax at the actual date of invoicing. If your organization is tax exempt or pays state tax directly, then prior to invoicing, your organization must provide Esri with a copy of a current tax exemption certificate issued by your state's taxing authority for the given jurisdiction.

Esri may charge a fee to cover expenses related to any customer requirement to use a proprietary vendor management, procurement, or invoice program.

For questions contact: Suzanne Timani	Email: stimani@esri.com	Phone: (909) 793-2853 x1627
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The items on this quotation are subject to and governed by the terms of this quotation, the most current product specific scope of use document found at <https://assets.esri.com/content/dam/esrisites/media/legal/product-specific-terms-of-use/e300.pdf>, and your applicable signed agreement with Esri. If no such agreement covers any item quoted, then Esri's standard terms and conditions found at <https://go.esri.com/MAPS> apply to your purchase of that item. If any item is quoted with a multi-year payment schedule, then unless otherwise stated in this quotation, Customer is required to make all payments without right of cancellation. Third-party data sets included in a quotation as separately licensed items will only be provided and invoiced if Esri is able to provide such data and will be subject to the applicable third-party's terms and conditions. If Esri is unable to provide any such data set, Customer will not be responsible for any further payments for the data set. US Federal government entities and US government prime contractors authorized under FAR 51.1 may purchase under the terms of Esri's GSA Federal Supply Schedule. Supplemental terms and conditions found at <https://www.esri.com/en-us/legal/terms/state-supplemental> apply to some US state and local government purchases. All terms of this quotation will be incorporated into and become part of any additional agreement regarding Esri's offerings. Acceptance of this quotation is limited to the terms of this quotation. Esri objects to and expressly rejects any different or additional terms contained in any purchase order, offer, or confirmation sent to or to be sent by buyer. Unless prohibited by law, the quotation information is confidential and may not be copied or released other than for the express purpose of system selection and purchase/license. The information may not be given to outside parties or used for any other purpose without consent from Esri. Delivery is FOB Origin for customers located in the USA.



San Bernardino Valley Municipal Water District

Advantage Program Work Plan

2021–2022



380 New York Street
Redlands, California 92373-8100 USA
T 909 793 2853



Background:

As part of the annual planning process, the following key items were identified as part of the vision for an updated geospatial system:

- Integrated departments and coordinate workflows.
- Geospatially enable the organization (GIS solutions vs spreadsheet solutions) and leverage technologies such as GeoEvent Server to acquire mission critical data.
- Minimize duplication of data and information to minimize data entry errors.
- Bridge gap to stakeholders and decision-makers to deliver key metrics related to operations and strategic projects.
- Use more precise data schemas (proper field types).
- Focus on enterprise GIS and not just maps.
- Implement data governance best practices.

Current business challenged include:

- Fragmented workflows and 'siloed' departments.
- Implement usage patterns that fit with user's abilities and responsibilities (e.g. ArcGIS Pro vs Portal) and train staff on GIS technology (desktop and web-based).
- Heavy reliance on spreadsheets and multiple data entry workflows, creating the potential for errors.
- Move away from individual spreadsheet solutions to an enterprise system of sharing information.
- Deliver products that provide information to the public and stakeholders.
- Ensure that numeric data is entered in numeric type fields and match data schemas to underlying data types (numeric, text, coded values/domains).

Current Environment:

- Licensing & Organization
 - Small utility license agreement
 - 30 employee total
- GIS Deployment
 - Desktop GIS
 - ArcMap is main GIS desktop app used
 - Looking to expand training for ArcGIS Pro and install to those that need desktop vs web-based GIS in Portal
 - ArcGIS Enterprise 10.9.1
 - Single server deployment (Portal, Hosting Server, Data Store)
 - Physical machine deployment
 - ArcGIS Online
 - 14-15 users (mostly viewers)
 - Web maps
 - GIS data as hosted feature layers (~92 layers)
 - Some departmental groups are setup
 - Need to determine if any services could be migrated to Enterprise (internal only) to save credits on ArcGIS Online
 - Use for Dig Alert Dashboard
 - Drone imagery
 - Interested for video capture and orthoimagery of facilities.
 - Geodatabases
 - Only using File Geodatabases, no Enterprise Geodatabase deployed (other than Enterprise Data Store)
 - Water Resources has used SQL Server Lite, but not integrated with GIS. Could be migrated to Enterprise Geodatabase or Enterprise Data Store. Some data stored in File Geodatabases.
 - GeoEvent Server
 - Recently started Esri project to deploy GeoEvent Server
 - Need to purchase security certificate to connect to Portal
 - Imagery
 - Have imagery, but no image server setup
 - User security model
 - No Single-Sign-on authentication

Vision Statement:

Provide an integrated, flexible, intuitive, and expandable geospatial platform that allows the organization to work together to deliver information to stakeholders, the public, and decision makers.

Goals:

Short Term:

1. Promote latest GIS technologies and training of staff
 - ArcGIS Pro for desktop users
 - ArcGIS Portal and ArcGIS Online users
 - ArcGIS Story Maps
 - ArcGIS Insights and/or Dashboards
 - ArcGIS Field Maps
2. Focused dashboard with data and maps
 - Water resources dashboard – Delivery of key metrics; data is available.
 - Provide example of what is possible for other programs & projects.

Long Term:

1. Integrated departments and coordinated workflows.
 - Geospatially enable the organization to leverage the ArcGIS platform; GIS solutions vs spreadsheet solutions.
 - Leverage technologies such as GeoEvent Server to acquire mission critical data and store in the GIS system for analysis and use in applications such as ArcGIS Insights and/or Dashboards.
 - Minimize duplication of data and information to minimize data entry errors.
2. Focus on enterprise GIS and not just maps.
 - Extent usage of apps, story maps, and dashboards
 - User access to data and information via ArcGIS Online or Portal interface versus spreadsheets.
3. Implement change management and governance best practices.
 - Strategy for determining where data should reside (e.g. ArcGIS Online vs Portal).
 - User roles and types based on job function and usage patterns.
 - Communicate and implementation of GIS focused enterprise using change adoption best practices.
4. Bridge gap to stakeholders and decision-makers to deliver key metrics related to operations and strategic projects.
 - Reporting key metrics related to projects.
 - Show projects geographically and their value.
 - Integrate overall strategic plan with GIS system in the form of story maps and dashboards.
5. Field mapping
 - Support habitat data collection.

Program Activities Summary

Account Review/Planning Session: 3/7/2022 and 3/9/2022

Year 1: 2021 – 2022 (9/30/2021 – 9/29/2022)

1. Activity Name: Water Resources Dashboard Development

Development of an ArcGIS Dashboard using Water Resources data. Use as a pilot to showcase possible uses of ArcGIS Dashboard to deliver data, maps, and information in an integrated display.

- Review & identify data sources, structure, and formats
- Development of map and dashboard
- Technical knowledge transfer

This activity will support:

- Short Term Goal #2: Focused dashboard with data and maps
- Long Term Goal #2: Focus on enterprise GIS and not just maps.

Timeframe: Proposed for Q2 2022

2. Activity Name: Platform Engineer Consulting Support

Work with customer GIS staff to provide best practices and suggestions for organizing data between ArcGIS Online and ArcGIS Portal platforms. Review ArcGIS Online and ArcGIS Portal settings and configurations and suggest best practices.

This activity will support:

- Long Term Goal #3: Implement change management and governance best practices.

Timeframe: Proposed for Q2/Q3 2022

3. Activity Name: ArcGIS Pro & ArcGIS Online Training

Training sources to support the shift in usage from ArcMap to ArcGIS Pro and/or ArcGIS Online

- ArcGIS Pro training class may focus on migrating from ArcMap to ArcGIS Pro, or ArcGIS Pro training for those without prior experience with ArcMap.
- ArcGIS Online training for those that will use ArcGIS Online and/or Portal web-based interface as their primary GIS usage pattern, or in addition to ArcGIS Pro.

This activity will support:

- Short Term Goal #1: Promote latest GIS technologies and training of staff
- Long Term Goal #2: Focus on enterprise GIS and not just maps.

Timeframe: Proposed for Q2 2022

Training

Training Consultant: Steve Hagan shagan@esri.com

Program Information

Item	Description
Period of Performance	9/30/2021 – 9/29/2022
Esri Account Manager	Suzanne Timani – Redlands, CA stimani@esri.com
Esri Technical Advisor(s)	Bill Bass, Houston, TX bbass@esri.com
Esri Delivery Coordinator	Sabrina Nunn – Redlands, CA snunn@esri.com
Esri Solution Engineer	Vincent Fortino – Florida vfortino@esri.com
Esri Training Consultant	Steve Hagan – Chesterbrook, PA shagan@esri.com
Customer Business Contact	Melissa Zoba – CIO Phone: (909) 387-9228 Email: melissaz@sbgmwd.com
Customer Technical Contact	Dan Borell – GIS Coordinator Phone: (909) 387-9225 Email: danb@sbgmwd.com
Customer IT Contact	Anthony Flordelis – IT Email: anthonyf@sbgmwd.com

Appendix A – Year 1 Credit Table

Core Components		Status
Technical Advisory		Up to 50 hours
Account Review / Planning Session		Completed
Learning and Services Credits		50 Credits
Learning and Services Activities	Estimated/Actual Credit Usage	Status
Consulting Support		
Activity 1: Water Resources Dashboard Development	16	Proposed
Activity 2: Platform Engineer Consulting Support	5	Proposed
Training		
Migrating from ArcMap to ArcGIS Pro (2-days, 2 students) *1 additional student in year 2	5	Proposed
ArcGIS Pro: Essential Workflows (3-days, 2 students) *2 additional students in year 2	8	Proposed
ArcGIS Online: Essential Workflows (1-day, 8 students) *Can move some students to year 2 if credits are needed elsewhere for year 1	11	Proposed
Premium Support		
		No
Total Used/Committed	45	
Remaining Learning and Services Credits	5	

Appendix B – Possible Future Activities (Year 2 & 3)

Year 2 & 3: 2022 – 2024 (9/30/2022 – 9/29/2024)

Year 2 & 3 items can be prioritized and reassessed as part of the annual planning meeting.

1. Activity Name: ArcGIS Pro & ArcGIS Online Training

Training sources to support the shift in usage from ArcMap to ArcGIS Pro and/or ArcGIS Online

- Continue with ArcGIS Pro training class may focus on migrating from ArcMap to ArcGIS Pro, or ArcGIS Pro training for those without prior experience with ArcMap that did not take training in year 1.
- ArcGIS Story Maps training (self-study and instructor-led) for those interested in developing story maps using ArcGIS platform.

This activity will support:

- Short Term Goal #1: Promote latest GIS technologies and training of staff
- Long Term Goal #2: Focus on enterprise GIS and not just maps.

2. Activity Name: Adoption Strategies Workshop (27 credits)

As organizations deploy ArcGIS capabilities, a common challenge is preparing the impacted workforce to quickly adopt and utilize new workflows using ArcGIS. The Preparing for Change Workshop is an essential, highly interactive, 2-day workshop that provides the “know how” in managing change using Prosci’s ADKAR model. Participants will:

- Understand the strategic implications of ArcGIS adoption at all levels of their organization
- Establish a support and sponsorship framework to ensure long-term success
- Gain a comprehensive understanding of the impacted stakeholders
- Assess stakeholders’ current level of readiness using the ADKAR model
- Enable effective communications by understanding strategic implications from the context of executives, managers, and employees

This activity will support:

- Long Term Goal #1: Integrated departments and coordinated workflows.
- Long Term Goal #3: Implement change management and governance best practices.

3. Activity Name: ArcGIS Insights Deployment & Dashboards

Using data collected from GeoEvent Server and other data sources, build replacement analytical tools using Dashboards and/or Insights instead of spreadsheets.

This activity will support:

- Long Term Goal #1: Integrated departments and coordinated workflows.
- Long Term Goal #4: Bridge gap to stakeholders and decision-makers to deliver key metrics related to operations and strategic projects.

4. Activity Name: Field Maps Pilot (Habitat data collection)

Build a pilot project using ArcGIS Field Maps to support habitat data collection workflows.

This activity will support:

- Long Term Goal #5: Field mapping

5. Activity Name: Adoption Strategy Consulting Support (10 credits)

Adoption strategy consulting to support with communication, resistance management, and sponsorship. Customer will work with an Esri consultant to work towards finding solutions to these challenges.

This activity will support:

- Long Term Goal #1: Integrated departments and coordinated workflows.
- Long Term Goal #3: Implement change management and governance best practices.

Understand

1. Mission *(How to define success)*

Provide an integrated, flexible, intuitive, and expandable geospatial platform that allows the organization to work together to deliver information to stakeholders, the public, and decision makers.

Guiding Principles

Integrated | Flexible | Intuitive | Expandable | Sustainable | Data Driven

Goals and Outcomes

- Promote latest GIS technologies and training of staff.
- Integrated departments and coordinated workflows.
- Focus on enterprise GIS and not just maps.
- Implement change management and governance best practices.
- Bridge gap to stakeholders and decision-makers to deliver key metrics related to operations and strategic projects.
- Field Mapping

2. Value Proposition *(The value delivered to stakeholders)*

- All** - Improves access to maps, apps and analysis for Managers, Analysts, and End Users; promote collaboration; ArcGIS training.
- Managers** – Enable access to authoritative data for use in business decisions; data driven decision making.
- GIS Staff**- Central storage of authoritative data and leverage ArcGIS Enterprise to provide access and tools.
- End Users**- Enables end users throughout the organization to access maps, data, and other authoritative content.

Plan

3. Strategy *(How to achieve success)*

Technology	Process	People
<p>Promote latest GIS technologies and training of staff.</p> <p>Focus on enterprise GIS and not just maps.</p> <p>Field mapping</p>	<p>Integrated departments and coordinated workflows.</p> <p>Implement change management and governance best practices.</p> <p>Bridge gap to stakeholders and decision-makers to deliver key metrics related to operations and strategic projects.</p>	<p>Promote latest GIS technologies and training of staff.</p> <p>Implement change management and governance best practices.</p>
Outcomes	Outcomes	Outcomes
<p>Training for staff centered around user types, roles, and patterns of use.</p> <p>Extend use of apps, story maps, and dashboards.</p> <p>User access to data and information via ArcGIS Online or Portal interface versus spreadsheets.</p> <p>Support habitat field data collection using Field Maps.</p>	<p>Geospatially enable the organization to leverage ArcGIS platform; GIS solutions vs spreadsheet solutions.</p> <p>Minimize duplication of data and information to minimize data entry errors.</p> <p>Strategy for determining where data should reside.</p> <p>Reporting key project metrics and represent project geographically.</p>	<p>Training for user types and usage patterns around ArcGIS Pro, and Portal/ArcGIS Online.</p> <p>Strategy for determining where data should reside.</p> <p>Communicate and implementation of GIS focused enterprise using change adoption best practices.</p>

Act

4. Roadmap *(Plan of action)*

Legend: ■ High Value ■ Quick Wins

Year 1: 2021 – 2022 09/30/2021 – 09/29/2022	Year 2: 2022 – 2023 09/30/2022 – 09/29/2023	Year 3: 2023 – 2024 09/30/2023 – 09/29/2024
<p>Establish the Foundation</p> <ul style="list-style-type: none"> Quick Wins: Water Resources Dashboard Development Quick Wins: ArcGIS Pro Training Quick Wins: ArcGIS Online/Portal Training High Value: Platform Engineer Consulting Support 	<p>Build Capability</p> <ul style="list-style-type: none"> Quick Wins: ArcGIS Pro Training (additional users as needed) Quick Wins: ArcGIS Online/Portal Training (additional users as needed) High Value: Adoption Strategies Workshop High Value: ArcGIS Insights Deployment & Dashboards High Value: Field Maps Pilot (Habitat Data Collection) 	<p>Extend Capability</p> <ul style="list-style-type: none"> Quick Wins: Extend training as needed (products & users) High Value: ArcGIS Insights & Dashboards (expand usage) High Value: Field Mapping (expand usage) High Value: Adoption Strategy Consulting Support (extension of Adoption Strategies Workshop)



DATE: October 4, 2022

TO: Board of Directors

FROM: Heather Dyer, Chief Executive Officer/General Manager

SUBJECT: Consider In-Person meetings or alternatively Resolution 1162 authorizing the San Bernardino Valley Municipal Water District to conduct remote meetings for the period October 4, 2022, through November 2, 2022

Staff Recommendation

Receive feedback from legal counsel and determine if the Board would like to return to in-person meetings in the month of October. If the Board decides to continue with virtual meetings, consider adoption of Resolution 1162 authorizing the San Bernardino Valley Municipal Water District to conduct remote meetings for the period October 4, 2022, through November 2, 2022.

Background

Based on the current COVID-19 conditions, the Board should consider various options for in person, hybrid, or remote meetings and the specific requirements for each option.

On March 17, 2020, due to the COVID-19 global pandemic emergency, Governor Newsom issued Executive Order N-29-20, which allowed local agencies to hold meetings via teleconferences and to make meetings accessible electronically without violating the open meetings laws in the Brown Act by relaxing the teleconferencing rules.

On June 11, 2021, Governor Newsom issued Executive Order N-08-21, which replaced the text in Executive Order N-29-20. Executive Order N-08-21 stated the relaxed Brown Act provisions shall apply through September 30, 2021.

Assembly Bill No. 361 provides additional flexibility for local agencies looking to meet remotely to continue providing the public with essential services during a proclaimed state of emergency. The goal of Assembly Bill No. 361 is “to improve and enhance public access to state and local agency meetings during the COVID-19 pandemic and future emergencies by allowing broader access through teleconferencing options.”

Assembly Bill No. 361 allows a local agency to use teleconferencing without complying with certain Brown Act provisions in any of the following circumstances:

1. The legislative body holds a meeting during a proclaimed state of emergency, and state or local officials have imposed or recommended measures to promote social distancing.
2. The legislative body holds a meeting during a proclaimed state of emergency for the purpose of determining, by majority vote, whether as a result of the emergency, meeting in person would present imminent risks to the health or safety of attendees.
3. The legislative body holds a meeting during a proclaimed state of emergency and has determined, by majority vote that, as a result of the emergency, meeting in person would present imminent risks to the health or safety of attendees.

Assembly Bill No. 361 went into effect on October 1, 2021. A local agency is authorized to use teleconferencing without complying with the teleconferencing requirements in the Brown Act when meetings are held during a declared state of emergency until January 1, 2024. To do so, the local agency must adopt a Resolution making the following findings by majority vote every 30 days:

1. The legislative body has considered the circumstances of the state-of-emergency; and
2. Any of the following circumstances exist:
 - a. The state-of-emergency continues to directly impact the ability of the members to meet safely in person; or

- b. State or local officials continue to impose or recommend measures to promote social distancing.

Fiscal Impact

None

Attachment

Resolution 1162

RESOLUTION NO. 1162

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 OCTOBER 4, 2022, THROUGH NOVEMBER 2, 2022, PURSUANT TO BROWN ACT PROVISIONS.

WHEREAS, the San Bernardino Valley Municipal Water District (District) is committed to preserving and nurturing public access and participation in meetings of the Board of Directors; and

WHEREAS, all meetings of the San Bernardino Valley Municipal Water District's legislative bodies are open and public, as required by the Ralph M. Brown Act (Gov't Code § 54950 et seq.), so that any member of the public may attend, participate, and watch the District's legislative bodies conduct their business; and

WHEREAS, the Brown Act, Government Code section 54953(e), makes provisions for remote teleconferencing participation in meetings by members of a legislative body, without compliance with the requirements of Government Code section 54953(b)(3), subject to the existence of certain conditions; and

WHEREAS, a required condition is that a state of emergency is declared by the Governor pursuant to Government Code section 8625, proclaiming the existence of conditions of disaster or of extreme peril to the safety of persons and property within the state caused by conditions as described in Government Code section 8558; and

WHEREAS, a proclamation is made when there is an actual incident, threat of disaster, or extreme peril to the safety of persons and property within the jurisdictions that are within the District's boundaries, caused by natural, technological, or human-caused disasters; and

WHEREAS, it is further required that state or local officials have imposed or recommended measures to promote social distancing, or, the state of emergency continues to directly impact the ability of the members to meet safely in person; and

WHEREAS, such conditions now exist in the District, specifically, a state of emergency has been proclaimed due to an outbreak of respiratory illness due to a novel coronavirus (a disease now known as COVID-19); and

WHEREAS, the San Bernardino County Department of Health has recommended measures to promote social distancing;

WHEREAS, the Board of Directors has determined that the state of emergency continues to directly impact the ability of the members to meet safely in person; and

WHEREAS, the Board of Directors does hereby find that the current state of emergency with respect to COVID-19, local official recommendations to promote social distancing, and conditions causing imminent risk to the health and safety of attendees have caused, and will continue to cause, conditions of peril to the safety of persons within the District that are likely to be beyond the control of services, personnel, equipment, and facilities of the District, and desires to proclaim a local emergency and ratify the proclamation of state of emergency by the Governor of the State of California; and

WHEREAS, as a consequence of the local emergency, the Board of Directors does hereby find that the legislative bodies of San Bernardino Valley Municipal Water District shall conduct their meetings without compliance with paragraph (3) of subdivision (b) of Government Code section 54953, as authorized by subdivision (e) of section 54953, and that such legislative bodies shall comply with the requirements to provide the public with access to the meetings as prescribed in paragraph (2) of subdivision (e) of section 54953;

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF 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. Proclamation of Local Emergency. The Board hereby proclaims that a local emergency now exists throughout the District, and declares that meeting in person would not comply with local official recommendations to promote social distancing and would present imminent risk to the health and safety of attendees.

Section 3. Ratification of Governor's Proclamation of a State of Emergency. The Board hereby ratifies the Governor of the State of California's Proclamation of a State of Emergency, effective as of its issuance date of March 4, 2020.

Section 4. Remote Teleconference Meetings. The General Manager and legislative bodies of the San Bernardino Valley Municipal Water District are hereby authorized and directed to take all actions necessary to carry out the intent and purpose of this Resolution including, conducting open and public meetings in accordance with Government Code section 54953(e) and other applicable provisions of the Brown Act.

Section 5. Effective Date of Resolution. This Resolution shall take effect on October 4, 2022 and shall be effective until the earlier of (a) November 2, 2022, or (b) such time the Board of Directors adopts a subsequent resolution in accordance with Government Code section 54953(e)(3) to extend the time during which the legislative bodies of the San Bernardino Valley Municipal Water District may continue to teleconference without compliance with paragraph (3) of subdivision (b) of section 54953.

ADOPTED this 4th day of October 2022.

Paul Kielhold
President

Heather P. Dyer
Secretary



DATE: October 4, 2022
TO: Board of Directors
FROM: Heather Dyer, Chief Executive Officer/General Manager
SUBJECT: CEO/General Manager's Report

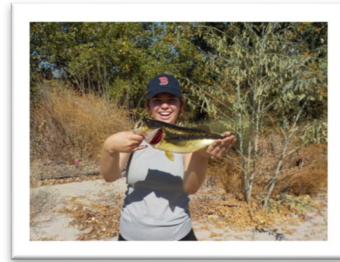
The following is an update from the Chief Executive Officer/General Manager on the status of several items at the District.

I. Santa Ana River 2022 Native Fish Survey

The Santa Ana River Native Fish Survey initiated in 2015 and is an important metric for tracking the health of native fish populations as part of the Upper Santa Ana River Habitat Conservation Plan (HCP). From 2015 to 2020 the survey covered 5 miles of stream, focusing on the upper reaches of the stream with the highest quality stream habitat. To get a better understanding of the distribution of native fish (Santa Ana sucker and arroyo chub), the survey was expanded in 2021 to include all the stream habitat where native fish could be found (Rialto Channel to Prado Basin). This survey found native fish primarily occurring upstream of Van Buren Boulevard Bridge in Riverside.

Valley District volunteers completed this year's survey alongside USGS and the Riverside-Corona Resource Conservation District (RCRCD). Forty-seven volunteers provided at least one day of their time to complete 54 survey reaches over 12 days. Despite conducting the 2022 survey within the hottest two weeks of the year (reaching 113°F air temperature) followed by flooding from remnants of a large tropical storm originating in Mexico, the survey crew was able to collect greater numbers of native fish in similar locations as in 2021. The survey found very few nonnative predator fish this year which is a significant improvement from 2021. Of the ~10 miles of stream surveyed approximately half of this distance was found to be occupied by native fish. Roughly half of this distance, not occupied by native fish, was found to have water temperatures approaching or surpassing the maximum tolerable for native fish (>86°F). During the heat wave the maximum water temperature in the main river was measured at 97.3°F, a record for this river.

The Native Fish Survey has provided data indicating many threats posed to these fish species, but many uncertainties still exist. Future conservation actions to be taken by HCP Permittees will improve conditions in the river for our native fish, as well as provide research projects to better understand the needs of the native species.



II. Israel Water Reuse Delegation Trip

October 28 through November 4, I will be traveling with the U.S. Water Reuse delegation to Israel, coordinated by the U.S. Environmental Protection Agency (EPA), the WaterReuse Association, the U.S. Department of Agriculture, and the Food and Drug Administration.

The objectives of the trip are to further sustainability, security, and resilience of the United States' water resources through sharing knowledge and information on policies, practices, and technologies; and to increase U.S.-Israel practical collaboration on water reuse policies, scientific research, methods and technologies, and implementation. The objective of the trip is to learn from the advanced water policies and practices of Israel while also developing relationships and collaboration among federal and state agency staff, local U.S. utilities, U.S. industry and our Israeli counterparts through firsthand, field-level engagement with the Israel water eco-system.

Of the approximately 45 delegates, there are 18 water utility professionals from across the United States participating along with state and federal regulators and administrators, non-governmental organizations, and several members of the Water Reuse Interagency Working Group, which was established May 2022 under the Bipartisan Infrastructure Law. The group develops and coordinates actions, tools, and resources to advance water reuse across the United States. The Working Group is also charged with continued leadership of the National Water Reuse Action Plan (WRAP): a collaboration, begun in 2020, in which federal, state, tribal, local, and water sector partners work together to build communities' capacity to pursue water reuse practices.

While on the trip, we will be touring the ministry of agricultural and rural development, water and wastewater utilities, research facilities, technology installations in different sectors, water tech companies, desalination facilities and the largest water recycling plant in Israel.

III. IE Works

We are partnering with IE Works to bring on two Operations interns. IE Works provided a pool of intern candidates for staff to interview and from that pool we selected two interns

who are very excited about joining our team. We hope to bring them on near the end of October and they will be with us for about 24 weeks. The Operations team is excited to mentor the future of water operations.

IV. Newspaper Subscriptions

Over the last few years, the District has sponsored Maven's Notebook, a California Water Blog. To gain greater accessibility by staff and the Board to water-related articles, the District has subscribed to the following newspapers.

- Los Angeles Times
- New York Times
- Sacramento Bee
- Desert Sun
- High Country News
- Washington Post

If you would like to access a particular article from one of these newspapers, please reach out to Jose Macedo so he can provide you a pdf version.

V. Upcoming Presentations/Events

- The week of October 1-8 is Water Professionals Awareness Week. Valley District will promote this week via social media posts and photos that highlight what the District does to ensure a reliable and sustainable water supply for the future.
- Kristeen Farlow will be attending WEFTEC – the Water Environment Federation Technical conference – October 10-12 in New Orleans, LA. The District will be receiving the *Utility of the Future Today* recognition at the Conference. This recognition is given to those utilities who have achieved more efficient operations, enhanced productivity, and planned for long-term sustainability. This is the first time the District is receiving this recognition.
- On October 15, the Louis Robidoux Parkland & Pecan Grove is hosting a Stewardship Day. Community members are invited to come visit the site, contribute time to site work, take guided tours along the river tributaries, and more. Staff will be onsite along with the other LRPPG partners to highlight opportunities that exist at the site.
- Several staff and Directors are attending the National Habitat Conservation Plan Coalition's Annual Meeting in Austin, TX, October 25-27. This conference will include presentations on relevant HCP topics, HCP development and implementation, and science, around the United States. I am moderating a session on *Engaging, Educating, and Empowering Communities and Stakeholders*.

VI. Recent Past Presentations/Events

- On August 24, Valley District hosted the "First Team" Leadership Workshop #3 led by Nate Sassaman. Key Topics included the completion of all the Valley

District's leader's personal leadership philosophies where leaders were given the opportunity to present their perspectives on leadership principles. Additional topics covered during this session included tying your work to the Valley District mission, expectations of high performing teams, and multiple team building exercises.

- On September 8, I made a presentation to the Inland Empire Utilities Agency management team about Watershed Connect and the establishment of the JPA. Staff shared the overall goals of Watershed Connect, the value of partnerships, and the purpose and process behind the establishment of the JPA.
- On September 14, Wen Huang presented at an Engineering Construction Network event in Ontario. This event enabled water industry engineers and capital project managers to share information about upcoming projects with the construction industry professionals interested in working on these projects.
- On September 19, the District hosted the *Save Our Water* roundtable and press conference in partnership with the San Bernardino Municipal Water Department and California State University San Bernardino. This was a great opportunity for the District and the Watershed Connect partners to provide Vice Chair DeeDee D'Adamo, from the State Water Resources Control Board, with insights on how our region has come together to ensure water resilience for the future.
- On September 24, together with the Inland Empire Resource Conservation District, Valley District staffed a booth at the City of Riverside's World Rivers Day celebration. Their initiative – *Putting the River Back in Riverside* – was a great event to educate attendees about the Louis Robidoux Parkland and Pecan Grove and the efforts going on at the site.
- On September 29, I presented at the Women Water Conference in Santa Barbara. I had the privilege of participating on a panel moderated by Ellen Hanak with the Public Policy Institute of California. The panel was titled "Coming Together for a Better Future for People and Nature."
- On October 1, Staff hosted a booth at the Inland Empire MADD (Mothers Against Drunk Driving) event at Joe Sampson Park in Rialto. This event was an opportunity to connect with the community about water supply, water use efficiency and drought, and Valley District projects. The District interacted with hundreds of parents and kids at this event.

Staff Recommendation

Receive and file.



DATE: October 4, 2022

TO: Board of Directors

SUBJECT: List of Announcements

- A. October 5, 2022, 8:30 a.m. – Upper SAR WIFA by Teleconference (Cancelled)
- B. October 6, 2022, 2 p.m. – Board Workshop – Resources by Teleconference
- C. October 10, 2022 – District closed in Observance of Columbus Day
- D. October 11, 2022, 2 p.m. – Board of Directors Workshop – Engineering by Teleconference
- E. October 11, 2022, 3:30 p.m. – SBB Groundwater Council by Teleconference
- F. October 12, 8:30 a.m. – Upper SAR WIFA Technical Advisory Committee - by Teleconference
- G. October 12, 1:30 p.m. – San Bernardino Valley Water Conservation District Board Meeting
- H. October 13, 2022, 2 p.m. – Board Workshop – Policy by Teleconference
- I. October 17, 2022, 6 p.m. – ASBCSD dinner (The Old Spaghetti Factory, Rancho Cucamonga, CA)
- J. October 18, 2022, 9:30 a.m. – SAWPA Commission Meeting
- K. October 18, 2022, 2 p.m. – Regular Board Meeting by Teleconference
- L. October 19, 2022, 8:30 a.m. – Upper SAR WIFA by Teleconference
- M. October 20, 2022, 8:00 a.m. – Division II Forum: Equity Aspects of Water (Event Center at Bear Springs – 27923 Highland Ave, Highland, CA, 92346)
- N. November 1, 2022, 2 p.m. – Regular Board Meeting by Teleconference