



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

REGULAR MEETING OF THE BOARD OF DIRECTORS
2:00 PM Tuesday, July 7, 2026

ZOOM INFORMATION

Online: <https://sbvmwd.zoom.us/j/83910934313>

Telephone: (877) 853-5247 US Toll-free

Meeting ID: 839 1093 4313

PASSCODE: 3802026

If you are unable to participate online or by telephone, you may submit your comments and questions in writing for Board consideration by emailing 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 no later than 6 p.m. the day prior to the meeting. All public comments will be provided to the Board President and may be read into the record or compiled as part of the record.

IMPORTANT PRIVACY NOTE: 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.

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

- 2.1 Approve Minutes of the Regular Board of Directors' Meeting - June 2, 2026 (2 min) - Page 3
[Approve Minutes of the Regular Board of Directors' Meeting - June 2, 2026](#)
- 2.2 Approve Minutes of the Board of Directors Special Meeting - Resources/Engineering Workshop - June 9, 2026 (2 min) - Page 12

[Approve Minutes of the Board of Directors Special Meeting - Resources/Engineering Workshop - June 9, 2026](#)

- 2.3 Approve Minutes of the Regular Board of Directors' Meeting - June 16, 2026 (2 min) - Page 14
[Approve Minutes of the Regular Board of Directors' Meeting - June 16, 2026](#)
- 2.4 Approve Resolution No. 1204 to Repeal Resolutions No. 285 and 398(2 min) - Page 21
[Staff Memo - Approve Resolution No. 1204 to Repeal Resolutions No. 285 and 398](#)
[Resolution No. 1204](#)
[Resolution No. 285](#)
[Resolution No. 398](#)

3) DISCUSSION AND POSSIBLE ACTION ITEMS

- 3.1 Consider Professional Services Agreement with Scheevel Engineering for Engineering Consulting Services for Fiscal Year 2026-27 (10 min) - Page 27
[Staff Memo - Consider Professional Services Agreement with Scheevel Engineering for Engineering Consulting Services for Fiscal Year 2026-27](#)
[Professional Engineering Services Proposal by Scheevel Engineering](#)
- 3.2 Consider Adoption of Updated Reserve Policy (20 min) - Page 48
[Staff Memo - Consider Adoption of Updated Reserve Policy](#)
[Draft Updated Reserve Policy](#)

4) REPORTS (Discussion and Possible Action)

- 4.1 Directors' Report of Activities and Travel Requests in accordance with Resolution 1100
- 4.2 General Counsel Report
- 4.3 Ad-Hoc and Standing Committee Reports
- 4.4 SAWPA Meeting Report

5) FUTURE BUSINESS

6) ANNOUNCEMENTS

- 6.1 List of Announcements (2 min) - Page 55
[List of Announcements](#)

7) CLOSED SESSION

- 7.1 CONFERENCE WITH LEGAL COUNSEL - ANTICIPATED LITIGATION: Significant exposure to litigation pursuant to paragraph (2) of subdivision (d) of Government Code section 54956.9 (one potential case)

8) ADJOURNMENT

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

June 2, 2026

Directors Present: Gil J. Botello, Paul R. Kielhold, Susan Longville, T. Milford Harrison, and Jose Velasquez

Directors Absent: None

Staff Present:

Heather Dyer, MS, MBA – Chief Executive Officer/General Manager
Wen Huang, PE, MS – Chief Operating Officer/Assistant General Manager
Cindy Saks, CPA – Chief Financial Officer/Deputy General Manager

Dan Borell, GISP – Geospatial Services Program Manager
Stephanie Chesin, MA – Senior Strategic Communications Specialist
Owen Cross, BS – Environmental Compliance Analyst I
Leo Ferrando, PE, MS – Assistant Chief Engineer
Anthony Flordelis – Business Systems Analyst
Greg Herzog, BS – Principal Water Resources Analyst
Adekunle Ojo – Manager of Integrative Planning
Matthew Olivo – Senior Accountant
Sayer Pinto, MBA – Principal Water Resources Analyst
Alliah Smith – Senior Administrative Assistant
Andreea Tanase, MPA – Administrative Analyst I
Francisco Wences – Assistant Engineer

Brad Neufeld, Varner & Brandt

Members of the Public in Attendance:

George Hanson, Bear Valley Mutual Water Company & Crafton Mutual Water Company
Peter Buoye, Bear Valley Mutual Water Company
Jared Cheek, Big Bear Municipal Water District
Ben Kelly, Western Heights Mutual Water Company
Mark Falcone, San Bernardino Valley Water Conservation District
Melody McDonald, San Bernardino Valley Water Conservation District
James Morales, East Valley Water District
Allison Edmisten, Yucaipa Valley Water District
Jennifer Ares, Yucaipa Valley Water District
Matt Porras, Yucaipa Valley Water District
Michah Knox, Yucaipa Valley Water District
Mike Kostecky, Yucaipa Valley Water District

Kelvin Moore, West Valley Water District
 Michael Miller
 Larry Smith, San Geronio Pass Water Agency
 Charles Vahovick
 Courtney Hamilton, CV Strategies

The regular meeting of the Board of Directors was called to order by President Harrison at 2:00 p.m. A quorum was noted present by roll call.

Agenda Item 1. Public Comment. None.

Agenda Item 2. Closed Session. District Counsel Brad Neufeld announced the Closed Session. President Harrison opened the Closed Session at 2:03 p.m.

- 7.1) PUBLIC EMPLOYEE APPOINTMENT
 Pursuant to Government Code Section 54957
 Title: Special Counsel

President Harrison returned the meeting to Open Session at 2:31 p.m. District Counsel Brad Neufeld stated that no reportable action was taken.

Agenda Item 3. Public Hearing.

3.1) Public Hearing on the 2025 San Bernardino Valley Regional Urban Water Management Plan (RUWMP) and Water Shortage Contingency Plan (WSCP). Manager of Integrative Planning Adekunle Ojo presented the 2025 Regional Urban Water Management Plan (RUWMP) and Water Shortage Contingency Plan (WSCP), explaining that state law requires urban water suppliers to update the plans every five years. He noted the planning horizon extends through 2050 and addresses population growth, projected water demands, water supply reliability, water shortage contingency planning, and regional conservation efforts. The plan was prepared collaboratively with eight participating water suppliers within the service area and is required to be submitted to the State by July 1, 2026.

Mr. Ojo reported the service area population is projected to increase from approximately 734,000 residents in 2025 to approximately 806,000 by 2040 and 847,000 by 2050. He noted that projected growth is lower than anticipated in prior planning cycles. Regional water demand is expected to remain relatively stable through 2030 and then increase by approximately 17,000 acre-feet between 2030 and 2050. He explained the increased demand is not expected to be met by existing supplies and will require implementation of planned water supply projects throughout the region.

Mr. Ojo reviewed the supply assumptions incorporated into the plan, including approximately 2,000 acre-feet per year from future stormwater capture projects, approximately 3,000 acre-feet per year from State Water Project supplies recharged at the Cactus Basins, and additional supplies from imported water, recycled water, and other regional investments.

Mr. Ojo explained the plan evaluates water supply reliability under normal, single dry-year, and multiple dry-year conditions. Available supplies are projected to meet regional demands under both normal and dry-year scenarios, although the margin of reliability narrows during extended drought periods. The plan assumes continued use of groundwater storage, imported water recharge, recycled water projects, stormwater capture facilities, and future access to Sites Reservoir supplies to maintain reliability through 2050. He emphasized while groundwater remains the foundation of the region's water supply, continued investment in infrastructure projects will be necessary to meet future demand and maintain long-term regional water supply reliability.

President Harrison announced and opened the Public Hearing at 2:42 p.m. There being no comments, he closed the Public Hearing at 2:45 p.m.

In response to questions from Director Botello and Director Kielhold, Mr. Ojo explained the RUWMP comment period ran from May 18 to June 1, and staff responded to one telephone inquiry. Notices were sent as required, and all public engagement documentation must be submitted to the State. He noted there were few comments because the plan had been developed collaboratively with stakeholder input throughout the process. Director Botello emphasized the importance of recordkeeping and transparency.

Agenda Item 4. Discussion and Possible Action Items.

4.1) Consider Resolution 1202 to adopt the 2025 San Bernardino Valley Regional Urban Water Management Plan and Resolution 1203 to adopt the Water Shortage Contingency Plan.

The Board of Directors approved Resolution 1202 adopting the 2025 San Bernardino Valley Regional Urban Water Management Plan and Resolution 1203 adopting the Water Shortage Contingency Plan by the following roll-call vote:

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

RESOLUTION NO. 1202

RESOLUTION OF THE BOARD OF DIRECTORS OF THE SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT ADOPTING THE 2025 SAN BERNARDINO VALLEY REGIONAL URBAN WATER MANAGEMENT PLAN.

(See Resolution Book)

RESOLUTION NO. 1203

RESOLUTION OF THE BOARD OF DIRECTORS OF THE SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT ADOPTING THE WATER SHORTAGE CONTINGENCY PLAN.

(See Resolution Book)

4.2) Consider Revised Joint Powers Agreement for Operation and Maintenance of the Southern California Edison - Transferred Hydropower Facilities.

Public Comment: George Hanson, General Manager of Bear Valley Mutual Water Company and Crafton Water Company, expressed support for the proposed agreement and commended the Board and staff for their continued efforts to acquire and rehabilitate the hydroelectric facilities. He stated that reliable operation of the facilities is important to Bear Valley and Crafton because it supports a consistent supply of high-quality surface water for their customers and downstream users. Mr. Hansen noted that both boards had approved the agreement and encouraged San Bernardino Valley's approval.

Assistant Chief Engineer Leo Ferrando presented proposed revisions to the Joint Powers Agreement (JPA) governing operation and maintenance of the Southern California Edison-transferred hydropower facilities through the Santa Ana Watershed Hydro Authority (SAWHA). He reviewed the development of the agreement since August 2025 and noted that the Board had previously approved the JPA in December 2025. Mr. Ferrando explained that SAWHA will operate as a separate legal entity with its own governing board, budget, financial accounts, and authority to enter into agreements necessary to support operation and maintenance of the transferred facilities.

Mr. Ferrando reported the revised agreement maintains the existing allocation of financial obligations and benefits among the participating agencies and will become effective following confirmation that the hydropower assets have been transferred from SCE to San Bernardino Valley. He reviewed several revisions to the agreement, including clarification that member agencies and the JPA may independently enter into agreements with outside entities or contractors when authorized by their respective governing boards, revision of dispute resolution provisions from binding arbitration to standard arbitration

with the ability to seek judicial review, and removal of the East End Administration Building from the JPA acquisition structure. He explained San Bernardino Valley would instead acquire the building independently because it will primarily support water operations while also serving hydropower-related functions.

Mr. Ferrando reported all participating agencies had approved the revised agreement and that staff was working to schedule the first SAWHA Board meeting, anticipated in July 2026. He also noted San Bernardino Valley would return to the Board with a recommendation regarding appointment of a representative to the SAWHA Operations Committee, which will provide technical oversight of operations, maintenance, environmental permitting, and engineering matters associated with the facilities.

The Board of Directors approved the proposed revisions to the Joint Powers Agreement governing the operation and maintenance of the Southern California Edison-transferred hydropower facilities, and authorized the CEO/General Manager to execute the Agreement, subject to any minor, technical, or nonsubstantive revisions deemed necessary or appropriate by the following roll-call vote:

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

4.3) Consider Special FERC Counsel, Richard Roos-Collins of Water and Power Law Group PC, for the Hydroelectric Facilities Program. Mr. Ferrando presented a recommendation to retain Richard Roos-Collins of Water and Power Law Group PC as special Federal Energy Regulatory Commission (FERC) counsel for the hydroelectric facilities program. He reported that FERC approved transfer of the hydroelectric licenses on April 23, 2026, and noted that the licenses apply to the Santa Ana River 1, Santa Ana River 3, and Mill Creek 3 facilities. As the Agency moves toward closing of the asset transfer, he explained that San Bernardino Valley will assume a number of regulatory obligations associated with the FERC approval.

Staff consulted technical experts within the hydropower industry and sought recommendations for specialized legal counsel before selecting Mr. Roos-Collins and his firm. Mr. Ferrando highlighted Mr. Roos-Collins' more than 30 years of experience in Federal Energy Regulatory Commission licensing and hydroelectric regulatory matters. Special counsel would assist with compliance filings associated with the license transfer, development of the operational and maintenance structure required by FERC, preparation of the future transfer application to the SAWHA, and evaluation of long-term

relicensing and exemption strategies. Although the existing licenses expire in 2033, the relicensing process is extensive and planning efforts should begin as early as 2027.

Director Botello expressed confidence in Mr. Roos-Collins qualifications and experience, noting that retaining specialized counsel would help ensure a successful transition and provide assurance that San Bernardino Valley is obtaining expert guidance. President Harrison concurred, stating that Mr. Roos-Collins and his firm would provide valuable assistance in ensuring the Agency fulfills its regulatory obligations and maintains compliance.

The Board of Directors retained Richard Roos-Collins of Water and Power Law Group PC as special Federal Energy Regulatory Commission counsel to advise San Bernardino Valley on regulatory matters associated with the acquisition of the Southern California Edison hydroelectric facilities by the following roll-call vote:

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

CEO/General Manager Heather Dyer reflected on her involvement in the 2010 relicensing of the Santa Ana River hydropower facilities while serving as a regulatory biologist with the U.S. Fish and Wildlife Service. She noted the significance of now participating in the next phase of the facilities' management and future licensing efforts on behalf of San Bernardino Valley and described it as a meaningful opportunity to continue serving the watershed through long-term stewardship..

Agenda Item 5. Reports. (Discussion and Possible Action)

5.1) State Water Project Report. Ms. Dyer reported:

- The State Water Project Table A allocation was increased from 30 percent to 45 percent.
- On May 22, San Bernardino Valley submitted comments to the State Water Resources Control Board regarding the draft water rights decision for the Sites Reservoir Project. Comments focused on proposed Delta flow requirements.
- The Sites Reservoir team anticipates issuance of a final water right later in the summer. Secretary for Natural Resources Wade Crowfoot also submitted comments urging the State Water Resources Control Board to consider the project's environmental benefits and to align permit requirements with those already established by the applicable regulatory agencies.

- Executive Director Upper SAR Habitat Conservation Program Joanna Gibson continues to support the Sites Reservoir Project by serving on a selection panel evaluating consulting firms for implementation of the project's terrestrial compensatory mitigation program. Mitigation requirements include complex impacts to California oak woodlands and eagle habitat, requiring specialized expertise to identify appropriate mitigation strategies.
- Chief Operating Officer/Assistant General Manager Wen Huang is participating in the selection process for a Construction Manager at Risk (CMAR) contractor for the project's conveyance, pumping, and hydroelectric facilities. San Bernardino Valley personnel continue to provide technical expertise to support implementation of the Sites Reservoir Project.

5.2) Directors' Report of Activities and Travel Requests in accordance with Resolution 1100.

Director Kielhold reported that he attended:

- May 27 – Yucaipa Sustainable Groundwater Management Agency public meeting for individual well owners

Director Velasquez reported that he attended:

- May 25 – City of Rialto Memorial Day Community Event

President Harrison reported that he attended:

- May 26 – Highland Chamber of Commerce meeting
- May 28 – National HCP Coalition meeting

Director Botello reported that he attended:

- May 6 – Connecting Solutions for Water Resiliency webinar
- May 8 – Drought, Disaster, and Decision Making: Can a crisis be averted on the Colorado River webinar
- May 13 – Maximizing Proposition 4 with Data and Information Systems webinar
- May 14 – How California is Working to Prevent Forest Fires webinar
- May 15 – USGS Tree Ring Histories and Wildfires
- May 27 – Co-creating the Water Future that we Deserve webinar

Director Longville reported that she attended:

- May 21 – West Valley Water District meeting
- May 22 – Cal State Sacramento webinar: Adapting to hotter, drier water future from a Northern California perspective
- May 27 – Climate Center on Phasing out Polluting Fuels
- June 1 – Basin Technical Advisory Committee (BTAC)

5.3) General Counsel Report. No report.

5.4) Ad-Hoc and Standing Committee Reports.

Project Agreement 24 (Santa Ana Conjunctive Use Program): Director Longville reported on a recent meeting, noting that the long-running project is approaching completion and is expected to close out in early 2027. She stated that participating agencies have successfully stored water in the Santa Ana River Conservation and Conjunctive Use Program (SARCCUP) bank, including approximately 2,000 acre-feet by Orange County and 2,084 acre-feet by Western Municipal Water District, with no withdrawals to date. She further reported that the project's water conservation component achieved estimated savings of 400 acre-feet annually and provided conservation outreach to approximately 83,000 customers. Director Longville also highlighted completion of the riparian habitat restoration component, including restoration of 745 acres and 2.8 miles of native fish habitat, and noted that state representatives recently visited the site and were impressed with the habitat improvements. She noted this may have been the Committee's last meeting.

5.5) SAWPA Meeting Report. Director Botello presented the report on the June 2, 2026, SAWPA meetings, and Director Harrison presented the PA 24 Committee report.

PA 23 Committee

- The Committee approved Task Order No. RMC504-401-13 in the amount not-to-exceed \$78,370 for FYE 2027 with Woodard & Curran for Project Management services to support the Santa Ana River Conservation and Conjunctive Use Program (SARCCUP).
- The Committee received and filed the following Informational Report:
 - Santa Ana River Conservation and Conjunctive Use Program Update

SAWPA Commission

- The Commission adopted Resolution No. 2026-3 to recognize Peter Vitt for his contributions and service to SAWPA.
- The Commission authorized the re-release of the Request for Proposals (RFP) for Cloud Based Financial Software and Implementation Services to replace the current Microsoft Dynamics Great Plains System Software.
- The Commission approved the posting of Brown Act meeting videos on SAWPA's website for the current year and continue the practice going forward.
- The Commission received and filed the following Informational Report:
 - Arundo Assessment in the Santa Ana River Watershed Case Study to ESRI

PA 24 Committee

- The Committee recommended approval by the SAWPA Commission of Resolution No. 2026-4 establishing the Fiscal Year 2026-27 Inland Empire Brine Line Rates.
- The Committee received and filed the following Informational Report:
 - Brine Line Service Contracts

One Water, One Watershed Committee (OWOW): Director Botello reported that implementation of Proposition 4 is expected to make significant grant funding available for water, environmental, and community-benefit projects beginning in 2027. He

emphasized the importance of regional collaboration through OWOW to develop competitive funding proposals and requested continued staff participation in the process to help maximize funding opportunities for the watershed and underserved communities.

Agenda Item 6. Future Business. None added.

Agenda Item 7. Announcements.

7.1) List of Announcements. Senior Administrative Assistant Alliah Smith reviewed the List of Announcements.

General Manager/CEO Heather Dyer announced the July 17, 2026 retirement of Michael Esquer after 27 years of service.

Agenda Item 8. Adjournment. President Harrison adjourned the meeting at 3:38 p.m.

APPROVAL CERTIFICATION

I hereby certify to approval of the foregoing minutes of the
San Bernardino Valley Municipal Water District

Secretary

Date _____

Respectfully submitted,

Lynda J. Kerney
Contract Assistant

**MINUTES
OF
THE
BOARD OF DIRECTORS SPECIAL MEETING
RESOURCES/ENGINEERING WORKSHOP
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT**

June 9, 2026

Directors Present: Gil J. Botello, T. Milford Harrison, Paul R. Kielhold, Susan Longville, Jose Velasquez

Directors Absent: None

Staff Present:

Heather Dyer, MS, MBA – Chief Executive Officer/General Manager
Jose Macedo, ML, CPT-P (USA Retired) – Chief of Staff/Clerk of the Board
Cindy Saks, CPA – Chief Financial Officer/Deputy General Manager

Owen Cross – Environmental Analyst I
Anthony Flordelis – Business Systems Analyst
Sayer Pinto, MBA – Principal Water Resources Analyst
Alliah Smith – Senior Administrative Assistant
Francisco Wences – Assistant Engineer

Meredith Nikkel, Downey Brand
Sam Bivins, Downey Brand
Scott Heil, Varner & Brandt

Members of the Public in Attendance:

Mark Falcone, San Bernardino Valley Water Conservation District
Melody McDonald, San Bernardino Valley Water Conservation District
Joyce McIntire, Yucaipa Valley Water District

The Resources/Engineering Workshop of the Board of Directors was called to order by Chair Susan Longville at 2:00 p.m. A quorum was noted present.

Agenda Item 1. Introductions: None.

Agenda Item 2. Public Comment. None.

Agenda Item 3. Discussion and Possible Action Items. None.

Agenda Item 4. Future Business. None added.

Agenda Item 5. Closed Session. District Counsel Meredith Nikkel announced the Closed Session. Chair Longville opened the Closed Session at 2:02 p.m.

- 5.1) CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION
 Significant exposure to litigation pursuant to paragraph (2) of subdivision
 (d) of Government Code section 54956.9
 (One potential case)

Chair Longville returned the meeting to Open Session at 3:12 p.m. District Counsel Sam Bivins stated that no reportable action was taken.

Agenda Item 6. Adjournment. Chair Longville adjourned the meeting at 3:13 p.m.

APPROVAL CERTIFICATION

I hereby certify to approval of the foregoing minutes of the
 San Bernardino Valley Municipal Water District

 Secretary

Date _____

Respectfully submitted,

Lynda J. Kerney
 Contract Assistant

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

June 16, 2026

Directors Present: Gil J. Botello, T. Milford Harrison, Paul R. Kielhold, Susan Longville, and Jose Velasquez

Directors Absent: None

Staff Present:

Heather Dyer, MS, MBA – Chief Executive Officer/General Manager
Jose Macedo, ML, CPT-P (USA Retired) – Chief of Staff/Clerk of the Board
Cindy Saks, CPA – Chief Financial Officer/Deputy General Manager

Dan Borell, GISP – Geospatial Services Program Manager
Owen Cross – Environmental Compliance Analyst I
Anthony Flordelis – Business Systems Analyst
Leo Ferrando, PE, MS – Assistant Chief Engineer
Greg Herzog, BS – Principal Water Resources Analyst
Matthew Olivo – Senior Accountant
Sayer Pinto, MBA – Principal Water Resources Analyst
Karen Resendez, MAOL – Human Resources & Risk Manager
Alliah Smith – Senior Administrative Assistant
Francisco Wences – Assistant Engineer

Meredith Nikkel, Downey Brand
Sam Bivins, Downey Brand
Matthew Neufeld, Varner & Brandt

Members of the Public in Attendance:

Lucas Gilbert, Santa Ana Watershed Project Authority
Melody McDonald, San Bernardino Valley Water Conservation District
Mark Falcone, San Bernardino Valley Water Conservation District
John Longville, San Bernardino Valley Water Conservation District
Larry Smith, San Gorgonio Pass Water Agency
Mike Kostecky, Yucaipa Valley Water District
Allison Edmisten, Yucaipa Valley Water District
Joe Zoba, Yucaipa Valley Water District
Fakhri Manghi, Woodard & Curran
Courtney Hamilton, CV Strategies

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

Agenda Item 1. Public Comment. None.

Agenda Item 2. Consent Calendar.

2.1) Approve Minutes of the Board of Directors Special Meeting – Resources / Engineering Workshop – May 12, 2026

2.2) Approve Minutes of the Board of Directors Special Meeting – Wages, Benefits, and Insurance – May 26, 2026

The Board of Directors approved the items on the Consent Calendar by the following roll-call vote:

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

Agenda Item 3. Discussion and Possible Action Items

3.1) Update on Transition of Inland Empire Brine Line Pretreatment Program Services to Santa Ana Watershed Project Authority. Assistant Chief Engineer Leo Ferrando acknowledged Lucas Gilbert, Manager of Pretreatment and Permitting at the Santa Ana River Watershed Project Authority and presented an informational update regarding the proposed transition of Inland Empire Brine Line pretreatment program services from consultant support to the Santa Ana Watershed Project Authority (SAWPA) for Fiscal Year 2026-27. He provided an overview of the regional brine line system, which conveys industrial wastewater and high-salinity discharges for treatment, disposal, and removes approximately 500,000 pounds of brine from the watershed each day. Mr. Ferrando noted that Valley District currently oversees three permitted dischargers within its service area and described the pretreatment program activities required to ensure compliance with federal, regional, and SAWPA requirements.

Mr. Ferrando reported staff had been working with SAWPA to streamline administration of the pretreatment program and proposed transitioning day-to-day pretreatment activities to SAWPA staff. The proposed arrangement would include approximately \$57,700 in annual SAWPA staff costs and an estimated \$24,000 in laboratory costs billed separately. He explained that the transition is expected to reduce overall program costs, improve

direct communication among participating agencies and permittees, and improve compliance coordination and enforcement.. Mr. Ferrando noted that the proposed services would be billed through monthly invoices within the General Manager's delegated authority and therefore would not require a separate professional services agreement.

Board members expressed support for the proposed transition. Director Longville noted the anticipated annual savings of \$13,000. Vice President Botello acknowledged the due diligence to identify a more cost-effective approach that would continue to achieve the same program objectives. President Harrison emphasized the importance of the Inland Empire Brine Line to regional water quality and economic activity and stated that the close working relationship between Valley District and SAWPA made the proposed transition a logical step. General Manager Heather Dyer advised the proposal would also be presented to the SAWPA Commission and committee for consideration.

The Board received and filed the informational update.

Agenda Item 4. Reports. (Discussion and Possible Action)

4.1) Directors' Report of Activities and Travel Requests in accordance with Resolution 1100.

Director Longville reported that she attended:

- June 6 – Annual meeting of the League of Women Voters of San Bernardino
- June 10 – California Natural Resources Agency meeting on Nature-Based Solutions

Director Botello reported that he attended:

- June 3 – webinar on Flows, Fish, and FIRO
- June 10 – San Bernardino County Fifth District Supervisor Joe Baca, Jr. “Flip the Switch” Turf Removal kickoff event at the Rosena Ranch
- June 15 – Municipal Water District of Orange County (MWDOC) Forum on Sites Reservoir

President Harrison reported that he attended:

- June 2 – Redlands City Council meeting
- June 3 – Loma Linda Chamber of Commerce, Heather Dyer presentation
- June 8 – Association of Special Districts Board meeting
- June 10 – Grand Terrace Chamber of Commerce
- June 12 – Redlands Chamber of Commerce
- June 12 – National HCP Government Relations Committee
- June 15 – Association of Special Districts dinner

Director Velasquez reported that he attended:

- June 10 – San Bernardino County Fifth District Supervisor Joe Baca, Jr. “Flip the Switch” Turf Removal kickoff event at the Rosena Ranch
- June 15 – MWDOC Forum on Sites Reservoir

Director Kielhold reported that he attended:

- June 3 – San Bernardino Valley Water Conservation District Operations Committee
- June 10 – check presentation at East Valley Water District
- June 10 – San Bernardino Valley Water Conservation District Board meeting

4.2) General Counsel Report. None.

4.3) Ad-Hoc and Standing Committee Reports. None.

4.4) SAWPA Meeting Report. Director Botello presented the June 16, 2026 Regular Meeting of the SAWPA Commission report:

- The Commission adopted Resolution No. 2026-5, approving the Statement of Investment Policy and delegating authority to the General Manager and/or the Chief Financial Officer to manage investments in accordance with the Statement of Investment Policy.
- The Commission adopted Resolution No. 2026-4, establishing the Fiscal Year 2026-27 Inland Empire Brine Line Rates to be effective July 1, 2026.
- The Commission authorized the General Manager to execute an agreement with West Yost in an amount not to exceed \$654,562 to perform the Ambient Water Quality (AWQ) Storage Model Update Project.
- The Commission received and filed the following informational reports:
 - Legislative Report by West Coast Advisors
 - SAWPA's Strategic Plan Development by Catalyst Group
 - Request for Proposals for On-Call Grant Writing and Funding Support Services.

4.5) Treasurer’s Report. Director Longville presented the report:

The Board approved the following cash disbursements for the month of May 2026:

State Water Contract Fund	\$ 6,545,544.05
General Fund	\$ 3,845,506.96

by the following roll-call vote:

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

4.6) Water Delivery Report. Principal Water Resources Analyst Sayer Pinto reported the following for the month of May 2026:

May 2026	acre-feet (af)
Imported State Project Water (SPW) delivered to the District	1,935
Baseline Feeder Wells	552
Santa Ana River diversions	1,440
Direct deliveries (22% of operating plan)	6,915
Recharge deliveries (24% of operating plan)	718

Ms. Pinto reported:

- As of June 15, the Northern Sierra index has measured 50.5 inches of precipitation. An additional 2.7 inches is needed to reach the water year average.
- There was no local precipitation for the month of May, but precipitation is still at 4.23 inches above historic average
- The Operating Plan was adjusted when the State Water Project allocation was increased and retailers have been notified
- Recharge efforts are largely on hold
- Staff are monitoring state reservoir levels and weather patterns to stay ahead of potential El Niño climate conditions; some retailers are concerned.

4.7) CEO/General Manager's Report. CEO/General Manager Heather Dyer provided updates on recent outreach activities, project milestones, and upcoming presentations:

- Presented approximately \$150,000 in Proposition 1 grant funding and Demand Management Incentive Program funding to the City of Redlands for a recycled water project and water conservation efforts.
- Delivered a regional water supply presentation to the Loma Linda Chamber of Commerce, highlighting the scale, complexity, and long-term planning required to develop and maintain reliable water supplies for the region. The presentation generated strong interest and additional requests for presentations to community and business organizations.

- Presented a check to East Valley Water District for a \$100,000 Demand Management Incentive Program award supporting water conservation efforts.
- Approximately \$500,000 in incentive funding was distributed to participating retail agencies this year and additional grant funding to further expand conservation programming was secured
- Highlighted the recent “Flip the Switch” celebration hosted by West Valley Water District and San Bernardino County, noting that Valley District funding helped leverage additional grant resources for the project and demonstrated the value of regional partnerships and collaboration.
- Participated in the MWDOC Water Policy Dinner, serving on a panel discussion regarding Sites Reservoir. Panelists discussed the importance, challenges, costs, and long-term benefits of the project as a critical component of California’s future water supply portfolio.
- The Department of Water Resources’ Golden Mussel Pilot Study is progressing successfully and continues to demonstrate the effectiveness of EarthTec treatment as a preventative measure. No adult mussels, juvenile mussels, or mussel DNA have been detected within the treated portion of the State Water Project facilities.
- Announced upcoming presentations regarding Wilson Basin maintenance activities; the Arrowhead Springs Temporary Water Supply Project completed in partnership with the Yuhaaviatam of San Manuel Nation; the status of the Upper Santa Ana River Habitat Conservation Plan; and the final results of the Golden Mussel Pilot Study.

Agenda Item 5. Future Business. Vice President Botello requested an annual presentation on partnership project costs and tracking, including staff time. Ms. Dyer indicated that staff would begin work on the request. No vote was taken.

Agenda Item 6. Announcements.

6.1) List of Announcements. Chief of Staff/Clerk of the Board Jose Macedo reviewed the List of Announcements.

Agenda Item 7. Closed Session. District Counsel Matthew Neufeld announced the Closed Session. President Harrison opened the Closed Session at 2:45 p.m.

- 7.1 Conference with Legal Counsel – Anticipated Litigation
Significant exposure to litigation pursuant to paragraph (2) of subdivision (d) of Government Code section 54956.9
(one potential case)

President Harrison returned the meeting to Open Session at District Counsel Matthew Neufeld announced that no reportable action was taken.

Agenda Item 8. Adjournment. President Harrison adjourned the meeting at 3:33 p.m.

APPROVAL CERTIFICATION

I hereby certify to approval of the foregoing minutes of the
San Bernardino Valley Municipal Water District

Secretary

Date _____

Respectfully submitted,

Lynda J. Kerney
Contract Assistant

DATE: July 7, 2026

TO: Board of Directors

FROM: Adekunle Ojo, Manager of Integrative Planning
Jose Macedo, Chief Administrative Officer/Deputy General Manager

SUBJECT: Approve Resolution No. 1204 to Repeal Resolutions No. 285 and 398

Staff Recommendation

Staff recommend that the Board of Directors approve Resolution No. 1204 repealing Resolutions No. 285 and 398, which have been rendered obsolete by subsequent Board actions and changes in law and policy.

Summary

Staff have undertaken a review of Agency's ordinances, resolutions, policy statements, and recommends repealing the following obsolete Board actions due to policy shifts, change of circumstances, or subsequent actions of the Board that did not officially or explicitly rescind the previous policy:

Board Action (Year)	Description	Reason for Repeal
1. Resolution No. 285 (1965)	Set policy for recouping charges made by Agency to DWR for the State Water Project	Superseded by Resolution No. 888 (2002) and fiscal policy shift created by Proposition 13 (1974)
2. Resolution No. 398 (1970)	Disclosure of financial interests; defined employees and officers subject to the disclosure of financial interests	Superseded by the California Political Reform Act (1974), Employee Handbook, Board Handbook, and Agency's Conflict-of-Interest Code

This is not an exhaustive list of previous Board actions that may need to be formally repealed; staff will conduct additional reviews and may bring other items to the Board in the future to be

repealed or be updated. This initial list has been reviewed by General Counsel to ensure that staff recommendation does not inadvertently remove necessary legal frameworks.

Fiscal Impact

There is no fiscal impact associated with this item.

Attachments

Resolution No. 1204

Resolution No. 285

Resolution No. 398

RESOLUTION NO. 1204

**RESOLUTION OF THE BOARD OF DIRECTORS OF THE
SAN BERNARDINO VALLEY MUNICIPAL WATER
DISTRICT REPEALING RESOLUTION NO. 285 AND 398**

WHEREAS, the hereinafter-mentioned resolutions have been rendered obsolete by subsequent action of the Board or change of circumstances;

WHEREAS, Resolution No. 285 was enacted on September 15, 1965 to define how the Agency would recoup payments to the State of California under the Feather River Contract (now known as the State Water Contract), and its provisions have been superseded by Proposition 13 passed by voters in 1978 and Resolution No. 888 approved by the Board in 2002;

WHEREAS, Resolution No. 398 was enacted on February 16, 1970 to identify positions subject to disclosure of financial interests and has been superseded by the California Political Reform Act of 1974 and the Agency's Conflict of Interest Code adopted by Resolution No. 968 in 2010 (as amended in 2014);

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of San Bernardino Valley Municipal Water District that Resolutions 285 and 398 are hereby repealed.

ADOPTED this 7th day of July, 2026

San Bernardino Valley Municipal Water District

By: _____
T. Milford Harrison
President

ATTEST:

Heather Dyer
Secretary

RESOLUTION NO. 285

RESOLUTION OF THE BOARD OF DIRECTORS OF THE
 SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT
 SETTING DISTRICT POLICY FOR RECOUPING CHARGES
 MADE TO THE DISTRICT BY THE STATE OF CALIFORNIA
 FOR THE COSTS OF THE CALIFORNIA WATER PROJECT

WHEREAS, the San Bernardino Valley Municipal Water District has a contract with the State of California, which contract is hereinafter referred to as the "Feather River contract", for the delivery of water under the California Water Project; and

WHEREAS, said Feather River contract requires the payment by the District to the State of California for all charges properly made by the State for the District's portion of the cost of water conservation and delivery structures, transportation charges and operation and maintenance charges; and

WHEREAS, an equitable means for recouping said charges and costs by the District is desirable;

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

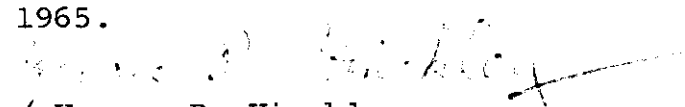
1. The policy of the San Bernardino Valley Municipal Water District for recouping charges and costs billed to the District by the State of California Department of Water Resources under the Feather River contract between the State of California and this District be, and it is hereby established as follows:

(a) Items of capital cost and interest charges plus the Delta Water charge shall be recouped by including said items in the general budget of the District for funding through the ad valorem taxes;

(b) Items of transportation charge and operation and maintenance charges shall be included in the rates charged by the District to water users.

2. The policy of the San Bernardino Valley Municipal Water District in recouping expenditures made or incurred by this District for delivery of Feather River contract water to water users shall be, and it is hereby established that the recoupment of said charges shall be accomplished by the inclusion thereof in the rates charged by this District to water users.

ENACTED: September 15, 1965.


 s/ Horace P. Hinckley

President

ATTEST:


 s/ C. Patrick Milligan

(SEAL)

Secretary

RESOLUTION NO. 398

RESOLUTION OF THE BOARD OF DIRECTORS OF
THE SAN BERNARDINO VALLEY MUNICIPAL WATER
DISTRICT PRESCRIBING REGULATIONS DEFINING
THE EMPLOYEES SUBJECT TO DIVISION 4.5 OF
TITLE 1 OF THE GOVERNMENT CODE RELATING
TO DISCLOSURE OF FINANCIAL INTERESTS

WHEREAS Division 4.5 (commencing with Section 3600)
was added to Title 1 of the Government Code in 1969, requiring
all public officers periodically to file a statement disclosing
certain financial interests, and

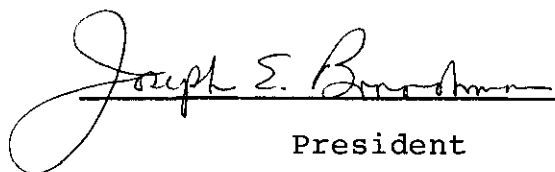
WHEREAS Section 3605 provides that the term "public
officer" includes officers of public agencies, and specifically,
"includes civil servants in a public agency who are classified
as career executives, and the appointive or civil servant
employee of the highest class or grade in each department,
bureau, division, or other administrative subdivision of a public
agency, as defined in regulations adopted by the public agency,
but does not include other civil servants in a public agency",

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors
of the San Bernardino Valley Municipal Water District that the
following regulations be and are hereby adopted pursuant to
the above-quoted provisions to list personnel within the statu-
tory provisions and define which appointive employees of the
District are "public officers" within the meaning of the said
provisions:

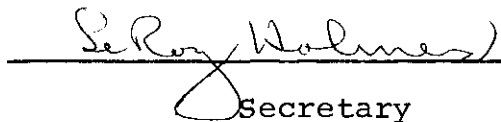
Occupants of the following positions are defined as officers, career executives or appointive employees of the highest class or grade in an administrative subdivision of the District:

Director
President
Vice President
Secretary
Treasurer
General Manager
Attorney
Controller
District Engineer
Public Information Officer
Improvement District "A" Water Superintendent

ENACTED: February 16, 1970.


President

ATTEST:


Secretary

(SEAL)

DATE: July 7, 2026

TO: Board of Directors

FROM: Leo Ferrando, Assistant Chief Engineer
Aaron Jones, Senior Engineer

SUBJECT: Consider Professional Services Agreement with Scheevel Engineering for Engineering Consulting Services for Fiscal Year 2026-27

Staff Recommendation

Staff recommends that the Board of Directors (BOD) authorize the CEO/General Manager to execute a Professional Services Agreement with Scheevel Engineering for on-call engineering consulting services for Fiscal Year 2026-27 in an amount not to exceed \$300,000.

Summary

San Bernardino Valley's Engineering Division is led by the Chief Operating Officer/Assistant General Manager and supported by an Assistant Chief Engineer and Senior Engineer. Over the past several fiscal years, the BOD has authorized contracts with Scheevel Engineering to provide specialized engineering consulting services that supplement and augment in-house staff resources. These services have enabled the Agency to effectively deliver a wide range of engineering, construction, operations, and environmental projects.

To support the significant engineering workload anticipated in FY 2026-27, staff recommends continuing this partnership. The proposed agreement will provide technical expertise, project management support, engineering design, construction assistance, field engineering, and other specialized services necessary to advance San Bernardino Valley's capital improvement, groundwater recharge, and habitat restoration programs. Funding for the agreement is included in the approved FY 2026-27 General Fund budget.

Background

Scheevel Engineering has provided engineering consulting services to San Bernardino Valley for many years and has developed extensive knowledge of the Agency's facilities, infrastructure,

operations, and regional partnerships. This familiarity allows the firm to provide efficient technical support while maintaining continuity across multiple long-term initiatives.

Notable projects supported by Scheevel Engineering include:

- Active Recharge Projects and associated feasibility evaluations
- Anza Creek and Hidden Valley Creek Tributaries Restoration Project
- County Line Turnout
- Central Feeder-EBX Intertie
- Santa Ana River Enhanced Recharge Project operations and maintenance documentation
- Santa Ana River 1B Project engineering support and Engineer of Record
- Various recharge basin improvement, restoration, and maintenance projects

Scheevel Engineering is currently providing engineering, design review, construction support, field services, monitoring, and technical drafting assistance for several ongoing initiatives, including:

- Devil Canyon and Sweetwater Recharge Basin Improvements
- County Line Turnout Project
- Active Recharge and PERC projects
- Central Feeder–EBX Intertie Project
- Cactus Basin Connector Project
- Greenspot Pipeline at Tate Pump Station Meter design
- Foothill Pipeline at Line Valve 3 Meter design
- Santa Ana River Tributaries Restoration Projects at Anza Creek and Hidden Valley Creek
- Annual operations and maintenance support for recharge basin facilities

The proposed agreement will enable Scheevel Engineering to continue supporting these ongoing efforts while providing the flexibility to respond to new engineering and infrastructure priorities throughout the fiscal year. Services will be authorized on an as-needed basis and tracked by individual project in accordance with the approved fee schedule. Where applicable, project costs will be shared with participating agencies and project partners.

Scheevel Engineering has served as San Bernardino Valley's on-call engineering consultant for several years and possesses extensive institutional knowledge of the Agency's facilities, operations, and ongoing capital projects. Continuing this relationship promotes project continuity, minimizes onboarding time, and provides immediate access to specialized engineering expertise needed to support active projects. The firm's recent expansion into San Bernardino further enhances its ability to provide responsive field support and collaborate closely with San Bernardino Valley staff throughout project delivery. Combined with its familiarity with Agency infrastructure and operations, this local presence makes Scheevel Engineering well-positioned to efficiently support the Agency's engineering needs during FY 2026-27.

District Strategic Plan Application

The proposed agreement supports San Bernardino Valley's Strategic Plan by advancing initiatives that proactively maximize and manage a diverse, reliable, and adaptable water supply portfolio. Continued engineering support will help optimize the value of regional water infrastructure, enhance groundwater recharge operations, and improve the resilience of the Agency's water resource management programs.

Fiscal Impact

The total cost of the proposed agreement shall not exceed \$300,000 and is included in Line Item 63600 – Consultants within the approved FY 2026-27 General Fund Budget. A portion of these costs is expected to be reimbursed by project partners based on the specific projects supported during the fiscal year.

Attachment

- 1) Professional Engineering Services Proposal by Scheevel Engineering dated June 6, 2026.

June 6, 2026

San Bernardino Valley Municipal Water District
Attn: Leonardo Ferrando, PE, PMP, Assistant Chief Engineer
380 East Vanderbilt Way
San Bernardino, CA 92408



RE: Professional Engineering Services Proposal

Dear Mr. Ferrando:

Scheevel Engineering is pleased to present this proposal to the San Bernardino Valley Municipal Water District (Valley District) for professional engineering consulting services. Scheevel Engineering provides a wide variety of consulting and field services unique to water resource projects. These services include project management, field inspection, feasibility analysis, operation and maintenance engineering, preliminary design, 3D CFD modeling, structural analysis, final design, construction management, water quality analysis, environmental restoration and performance enhancement consulting for water resources and groundwater recharge system projects.

Scheevel Engineering has prepared this proposal to provide professional engineering consulting services for engineering design, consulting, project management, field services and other technical services for current and future projects as directed by Valley District. The specialized services offered by Scheevel Engineering will include the tasks outlined below in Table 1: Scope of Work.

Scheevel Engineering will provide engineering services on a wide variety of projects. The projects may include, but may not be limited to, Devil & Sweetwater Basins, County Line Recharge, Active Recharge/PERC, Central Feeder – EBX Intertie, Cactus Basin Connector, SAR Tributaries Restoration and other projects as directed by Valley District. The schedule for each project is independent and expected to vary, and Scheevel will make every reasonable effort to accommodate the project schedules as they change. Scheevel is prepared to expand its resources (with subconsultants or other staffing) for projects or task that require resources beyond Scheevel's capacity.

Table 1: Scope of Work

Scope Item Description
Engineering Design, Technical & Consulting Services – Provide engineering, technical support and project management services for field testing, planning, designing, bidding, construction and monitoring of multiple Valley District projects. Scheevel Engineering has identified Mr. Nate Scheevel for this engagement. Mr. Scheevel is a registered PE in CA with extensive field testing, planning, design, bidding, construction and monitoring experience. His experience can be found in the attached resume. Scheevel will provide its own vehicle, cell phone, laptop, general office supplies, computer software, flow measurement, pump monitoring, water quality monitoring, survey and safety equipment.

Upon your review of the above scope of work please let me know if you would like any additions or subtractions. Scheevel Engineering provides all services at an hourly rate of \$300.00.

Page 1 of 2

Scheevel Engineering proposes to provide approximately 1,020 hours of consulting services on a time and materials bases for a not to exceed fee of \$300,000. Sub-consultant fees (if any) will be invoiced at-cost with no markup by Scheevel. Scheevel's travel time is free of charge and no additional fees or charges apply unless approved by Valley District. The fees associated with the above scope of work equals **\$300,000.00 (three-hundred thousand dollars)**. A breakdown of the fees associated with the proposed scope of work is illustrated in Table 2: Schedule of Fees.

Table 2: Schedule of Fees

Scope Item Description	Hours	Rate	Fee
Scope Items			
1) Engineering Design, Technical & Consulting Services (Scheevel)	900	\$300/hr	\$ 270,000.00
2) Engineering Design, Technical & Consulting Services Estimate (Subconsultant)	120	\$250/hr (average)	\$ 30,000.00
Total	1,020		\$ 300,000.00

This proposal is valid for 30 days. Scheevel Engineering is prepared to start and/or continue work on projects immediately and can modify the scope, proposed fees and schedule to meet Valley District's needs. Thank you for the opportunity to provide professional consulting services to San Bernardino Valley Municipal Water District.

Sincerely,
Scheevel Engineering



Nate Scheevel, P.E.
President/Principal



CONSULTANT IDENTIFICATION FORM

1. **Legal Name of Consultant:** Scheevel Engineering
2. **Street Address (Formal Notifications Only):** 751 S Weir Canyon Rd Ste 157
#470, Anaheim Hills, CA, 92808
3. **Street Address (Physical Offices):** 473 E Carnegie Dr, Suite 200, San
Bernardino, CA 92408 AND 6346 East Edgemont Drive, Orange, CA, 92867
4. **Mailing Address:** P.O. Box 18629, Anaheim, CA, 92817
5. **Business Telephone & Text:** (714) 470-9045
6. **Facsimile Telephone:** None
7. **Email Address:** nathanscheevel@yahoo.com or nathanscheevel@gmail.com
8. **Type of Business:**
☐ Sole Proprietor ☐ Partnership ☒ Corporation
Other: _____
If corporation, indicate State where incorporated: CA
9. **Federal Tax Identification Number:** 81-0950655
10. **Consultant's Project Manager:** Nate Scheevel

RESUME

NATE SCHEEVEL

P.O. Box 28745, Anaheim, CA 92809
(714) 470-9045, nathanscheevel@yahoo.com

Professional Civil Engineer: CA# C80056, CO# 46839, MN# 50556

EDUCATION:

2006 to 2008 *University of California at Berkeley, Berkeley, CA*
Bachelor of Science Degree - Civil Engineering

1994 to 1996 *Dakota County Technical College, Rosemount, MN*
Diploma - Heavy Construction Equipment Mechanics

EXPERIENCE:

July 2012 to Present *Scheevel Engineering, Anaheim, CA*
President/Principal
Provide professional civil and environmental engineering consulting services for private and public sector clients in California and Minnesota. Provide professional services for all project delivery phases and long-term O&M for water resource and heavy civil projects. Provide specialty field testing/investigation, feasibility analysis, risk management, preliminary design, final design, program management, project management, construction management and extension of staff services for recycled water, imported water and storm water resource projects. Provide design review, quality assurance, quality control for various groundwater recharge, recycled water, imported water and storm water capture and water resource projects. Provide groundwater recharge operation and maintenance modeling, optimization and consulting. Provide structural inspection, analysis and design. Provide surface water and sediment transport field data collection, analysis and modeling. Provide 1-D, 2-D and 3-D CFD hydraulic modeling. Provide environmental restoration/enhancement analysis, design services and construction phase services.

January 2009 to April 2014 *Orange County Water District, Fountain Valley, CA*
Senior Engineer/Engineer
Project manager for multiple water resource and groundwater recharge enhancement projects, including capital improvement and rehabilitation/replacement projects. Managed all phases of projects including pre-design, design, bid, construction and operation/maintenance support. Simultaneously managed multiple consultants and contractors. Drafted requests for proposals, public works contract provisions and technical specifications. Developed O&M procedures for recharge basins and facilities. Coordinated with local, state and federal agencies for permits and regulatory compliance. Performed project outreach to area stakeholders. Performed design

calculations and data analysis for pipelines, pump stations, structures and water conveyance and groundwater recharge facilities.

May 2008 to
August 2008

Shimmick Construction Company Inc., Oakland, CA

Project Engineer

Assisted with the construction of the West Dublin-Pleasanton BART Station Project. Duties and responsibilities included: verified field measurements; updated as-builts; responded to requests for information; prepared and reviewed submittals; scheduled and coordinated work with subcontractors; ordered and supervised concrete pours, pile driving and excavations; supervised night construction on Interstate 580; developed contingency plans; and performed small design projects.

April 2004 to
June 2006

Orange County Water District, Anaheim, CA

Basin Cleaning Vehicle (BCV) Operations Supervisor/Operator

Responsible for all operational aspects of BCV program including, budgets, hiring, performance appraisals, data analysis and design modifications. Supervised 4 employees and oversaw all operations. Collaborated with engineers, geologists, scientists and other water industry professionals to enhance the performance of the BCVs. Responsible for research and development of new technologies to enhance the performance of groundwater recharge basins. Assisted with operation and maintenance of groundwater recharge system. Assumed responsibilities of the Department Safety Officer.

April 2002 to
April 2004

Orange County Water District, Anaheim, CA

Heavy Construction Equipment Operator

Operated and hauled a variety of heavy construction equipment. Proficient operator of bulldozers, excavators, scrapers, backhoe loaders, wheel loaders, motor graders, compactors, dump trucks, water trucks etc. Assisted with repairs and updates on Basin Cleaning Vehicle (BCV3). Applied pesticides as a CA certified pesticide applicator utilizing customized spray truck.

June 1996 to
March 2002

Scheevel & Sons, Inc., Preston, MN

Owner/Operator/Mechanic

Co-owner and operator of a small, diversified general contracting company. Experienced in residential, commercial, demolition, water/sewer and agricultural projects. Specialized in Design-Build projects.

October 1995 to
May 1996

Trenchers Plus, Inc., Minneapolis, MN

Mechanic

Diagnosed and repaired trenching and directional boring equipment. Performed field service work. Developed repair estimates for customers.

March 1992 to
September 1995

Scheevel & Sons, Inc., Preston, MN

Owner/Operator/Mechanic

Repaired, maintained and operated various heavy construction equipment. Developed preventative maintenance plan for fleet of heavy construction equipment. Experienced in residential, commercial, demolition, water/sewer and agricultural projects. Specialized in Design-Build projects.

OTHER:

Proficient in: Microsoft Word, Excel, PowerPoint, Outlook, MS Project, FLOW-3D HYDRO (3D CFD), Sketch-Up, HEC-RAS, EPANET, SkyCiv, Autodesk Civil 3D; Possess California Class A Driver's License (Combination, Airbrakes, HAZMAT, Tank and Doubles/Triples); OSHA Certified as Competent Person in Trenching Safety and Confined Space; Experienced welder; Experienced in heavy equipment transporting; Developed and taught course in steel fabrication at UC Berkeley.

PROJECT EXPERIENCE

Scheevel Engineering / Nate Scheevel Project Experience:

Below is a partial list of projects that Scheevel Engineering has been involved with. Scheevel Engineering would be happy to provide more information and/or references for any of the projects listed below:

- 1) Santa Ana River Enhanced Recharge Phase 1B (SBVMWD) – Consultant to Valley District for the final design (part of a design team) of 20 new recharge basins (> 200 acres wetted) below Seven Oaks Dam and extensive open channel and pipeline conveyance, flumes, weirs and rated channel sections. System is designed for recharge of SWP water as well as stormwater. Provided field infiltration rate testing, O&M modeling, 3D CFD analysis, final design assistance for specialty groundwater recharge features for the project. Provided construction phase services and technical support, engineer of record and startup and testing assistance. Develop a comprehensive O&M Manual for the Enhanced Recharge System.
- 2) Victoria Recharge Basin (WMWD) – Sub-Consultant to Western for infiltration rate field pilot testing, preliminary design, final design, construction management assistance, O&M manual development and 3D CFD modeling of a new groundwater recharge basin. Scheevel Engineering performed pre-design, exploratory excavation and final design service for the pilot test project, as well as assistance with construction management, data collection and final performance reporting including final design recommendations. Provided project management and construction management services during construction.
- 3) Active Recharge Project (SBVMWD) – Consultant to Valley District for the preliminary design, diversion design, rubber dam preliminary design, 3D CFD modeling, O&M modeling, cost estimating and benefit analysis of 9 new groundwater recharge basins and 4 existing flood control basins.
- 4) Weaver Basin Project (SBVMWD) – Provided infiltration rate field testing, 3D CFD hydraulic analysis and final design review and consulting for recycled water recharge basins.
- 5) OCWD Recharge Basins (OCWD) – Senior engineer at the Orange County Water District provided design input, recommendations and peer review on a

number of improvements to existing and new groundwater recharge basins for the District.

- a. La Palam Basin (New)
 - b. Miraloma Basin (New)
 - c. La Jolla Basin (Improvements)
 - d. 5 Coves Basins (Improvements)
 - e. Anaheim Lake (Improvements)
 - f. Mini Anaheim (Improvements)
 - g. Miller Basin (Improvements)
 - h. Kreamer Basin (Improvements)
 - i. Weir Ponds 1-3 (Improvements)
 - j. Riverview Basin (Improvements)
 - k. Santiago Basins (Improvements)
- 6) Devils Canyon Recharge Projects (SBVMWD) – Consultant to Valley District for alternatives analysis, preliminary design, final design and O&M optimization for State Water Project water turnout, piping, stormwater diversion, and basin improvements for 3 recharge basin system.
- 7) Victoria Basin Groundwater Recharge Improvements & Operations Optimization (WMWD) – Consultant to WMWD for preliminary design, final design, construction phase services, startup and testing specialty services and maintenance for performance monitoring and basin improvements. Improvements included monitoring wells, flow meters, level sensors and basin re-grading/rehabilitation.
- 8) Victoria Basin: Metropolitan Water District of Southern California (MWD) Stormwater for Recharge Pilot Program (WMWD) – Consultant to WMWD for a multi-year MWD grant program for field data collection, analysis and groundwater monitoring/modeling to examine how the capture and recharge of stormwater translate into usable groundwater for use/production in the Arlington Groundwater Basin. Performed a 3-year program for field data collection, analysis, O&M and groundwater model simulations to quantify the surface water capture, infiltration/recharge and subgrade movement of water in the Arlington Groundwater Basin.
- 9) Santa Ana River Enhanced Recharge O&M Modeling (SBVMWD) – Consultant to Valley District to develop a O&M model to simulate groundwater recharge for a 40-basin (500 cfs) recharge facility. Model will be used to analyze long-term

system performance, inform USACE FIRO related activities and optimize long-term O&M of the system.

- 10) San Sevaine Basin Improvements Project (IEUA) – Consultant to IEUA responsible for the subsurface investigation and the project development report (PDR), including pre-design concepts, calculations and analysis. The PDR presents analysis of several alternatives (including pump station and pipelines) to improve/increase groundwater recharge at San Sevaine Basins.
- 11) Riverside North Aquifer Storage and Recovery Project (SBVMWD/MMWD) – Consultant to Valley District and Western to provide design review, value engineering, cost estimating, infiltration rate determinations and operations and maintenance modeling and recommendations for a new Santa Ana River rubber dam diversion and recharge basin system in Riverside, CA.
- 12) Kansas Avenue Basin (RCFCWCD) – Consultant to Riverside County Flood Control & Water Conservation District for field infiltration rate pilot testing and preliminary design of groundwater recharge improvements for an existing flood control basin. Includes development of a preliminary design report. Performed pre-design, exploratory excavation and final design service for the pilot test project, as well as assistance with construction management, data collection and final performance reporting including final design recommendations. Design included 3 infiltration rate test cells and a temporary pipeline system.
- 13) Wineville Basin Proof of Concept Project (IEUA) – Consultant to IEUA for pre-design, final design and implementation of an infiltration rate testing project. Scheevel Engineering performed pre-design, exploratory excavation and final design services, as well as assistance with construction management, data collection and final performance reporting including design recommendations. Design included 6 infiltration rate test cells and a temporary pipeline system.
- 14) Lower Day Basin Improvements Project (IEUA) - Consultant to IEUA for preparation of a Preliminary Design Report (PDR), permitting assistance and final design assistance to develop design concepts and provide a basis of design for the Lower Day Basin Improvements Project. Perform 3D CFD modeling of Day Creek Channel diversion alternatives. The purpose of the Project is to increase the amount of storm water and supplemental water captured and recharged into the Chino Groundwater Basin.
- 15) RMPU Improvements Preliminary Design Project (IEUA) – Sub-Consultant to IEUA for the preliminary design of improvements for 9 groundwater recharge basins including rubber dam designs. Tasks include field investigations/testing,

infiltration rate determinations, operation and maintenance analysis/recommendations, design review and operations modeling.

- 16) RMPU Operations Plan (IEUA) – Consultant to IEUA for developing operations and maintenance plan for the RMPU Projects. The O&M Plan covers 8 groundwater recharge basins maintenance, pipelines, pump stations, rubber dams, spillway gates and other groundwater recharge related facilities and features.
- 17) Weir Pond Rehabilitation Project (OCWD) – Project Manager for the pre-design and final design to reconfigure 3 de-silting basins used to remove fine-grained sediments from storm water. Design included CFD model analysis and review.
- 18) Lower Five Coves Basin Infiltration Improvement Project (OCWD) – Designed and constructed a series of excavations to perforate a near surface confining layer in Lower Five Coves Basin to increase storm water recharge in the basin.
- 19) San Antonio & Thompson Creek Spreading Grounds O&M Manual (PVPA) – Sub-Consultant to PVPA for the development of a spreading grounds operations and maintenance manual, includes spreading grounds improvements recommendations.
- 20) Basin Cleaning Vehicle (BCV) Operations (OCWD) – Operations supervisor for a program to remove fine-grained sediments from groundwater recharge basins, while leaving the basins full of water and in service. Two primary technologies were used to achieve this objective: a fully submersible ROV system, and a floating barge system. Responsible for all operation and maintenance of the systems. A wide variety of operational data was gathered and analyzed for 4 basins to determine the effect of the BCVs on infiltration rates. Full-based infiltration rate testing was performed over an 8-year period.
- 21) Basin Cleaning Vehicle (BCV) Engineering (OCWD) – Responsible for designing and implementing modifications to the BCVs and recharge basins to increase effectiveness and efficiency. Designed and constructed basin modifications for infiltration rate testing. Collected, reduced and analyzed data. Prepared reports and presentations as to basin and BCV performance.
- 22) Alternative Basin Cleaning Technology Development (OCWD) – Responsible for developing and testing alternative basin cleaning methods. Methods tested included: beach cleaning technologies, sweeping/broom technologies, rock picking technologies and windrowing technologies.
- 23) Atascadero Wastewater Disposal Pond Study (Atascadero WWTP) – Sub-consultant for a study, field testing and evaluation of existing disposal pond performance and enhancement options. Provide long-term O&M optimization recommendations.

24) San Miguel Wastewater Disposal Pond Study (San Miguel WWTP) – Consultant for a study, field testing and evaluation of existing disposal pond performance and enhancement options. Provide long-term O&M optimization recommendations.

25) Field Investigation Experience – Mr. Scheevel has personally performed field investigations, proof of concept projects and pilot test projects to evaluate infiltration basins, determine infiltration rates and rehabilitation options and long-term plan development at the following basins/sites.

- a. Kansas Avenue Basin (RCFCWCD) – Exploratory excavations and infiltration test cells
- b. Waterman Basins (SBVMWD & SBCFCWCD) – Exploratory excavations and infiltration rate determination
- c. Wineville Basin (IEUA) – Exploratory excavations and infiltration test cells
- d. San Sevaire Basin (IEUA) – Exploratory excavations
- e. CSI Basin (IEUA) – Exploratory excavations
- f. RP3 Basins (IEUA) – Exploratory excavations
- g. Burris Basin (OCWD) – Exploratory excavations and infiltration test cells
- h. Atascadero (AWWTF) – Exploratory excavations and infiltration test cells
- i. Machado WWTF (SMCSD) – Exploratory excavations & infiltration test
- j. Victoria Basin (WMWD) – Exploratory excavations and infiltration test cells
- k. Kansas Avenue Basin – Exploratory excavations and infiltration test cells
- l. Lower Five Coves Basin (OCWD) – Exploratory excavations and basin perforations
- m. Upper Five Coves Basin (OCWD) – Exploratory excavations
- n. Weir Pond #3 (OCWD) – Exploratory excavations
- o. Miller Basin (OCWD) – Exploratory excavations
- p. Anaheim Lake (OCWD) – Exploratory excavations
- q. EVWD Plant 143 (SBVMWD) – Exploratory excavation and infiltration test cell

26) Peer review for alternative groundwater recharge methods:

- a. Aquifer Transfer Well – Uses existing well technologies to transfer perched groundwater from zones high in an aquifer to deeper zones in the aquifer;
- b. River-Bed Filtration Project – Uses shallow subsurface collection galleries to collect water filtered by the riverbed and then deliver the cleaner water to recharge basins.

27) Riverbed Filtration Feasibility Study (OCWD) – Sub-consultant to evaluate large scale implementation of a shallow subsurface stormwater collection gallery system to collect water filtered through a riverbed and then convey the cleaner water to recharge basins. The relatively cleaner water is anticipated to result in slower infiltration rate decays, higher annual recharge capacities, less maintenance cost and increased stormwater capture.

- 28) Advance Treated Recycled Water Sub-Surface Infiltration Gallery Pilot Project (OCWD) – Consultant to OCWD for the analysis, design, construction, operation, data collection, analysis and reporting of a pilot project to test the recharge of GWRS water in sub-surface recharge galleries.
- 29) Recharge Basin & Specialty O&M Services (OCWD, WMWD, SBVMWD, BVMWC) – Consultant to various clients for recharge basin, reservoir, and other water resource facilities operation and maintenance activities and training. Provide in-the-field, hands on, training for heavy equipment and system operators for inspecting, cleaning and maintaining water resource/recharge facilities. Provide specialty consulting for field data collection analysis and reporting recharge system performance data. Provide consulting for the optimization and improvements of existing recharge facilities.
- 30) Chino Basin Program (IEUA) – Sub-consultant to IEUA for the development of a preliminary design study for an advanced water purification facilities (AWPF) program for Chino Basin. Services include groundwater recharge systems consulting with a focus on issues specific to using AWPf water in recharge basins and injection wells.
- 31) Chino Basin Program (IEUA) – Sub-consultant to IEUA as Owner’s Advisor for various permitting and groundwater recharge tasks associated with the overall CBP.
- 32) Waterman Basin Emergency Maintenance (SBVMWD) – Consultant to Valley District for the emergency maintenance of a multipurpose (flood control and groundwater recharge) basin system. Services included developing and directing basin rehabilitation and cleaning activities as well, assisted with permitting and performing a basin subsurface soils investigation.
- 33) City of Rialto Supplemental Recycled Water Supply (IEUA) – Owners advisor and subject matter expert for a 6.25 – 10.0 MGD pump station and 11 mile 24-inch-diameter pipeline to convey City of Rialto WWTP recycled water to IEUA’s RP-4.
- 34) La Sierra Pipeline & Sterling Reservoir & Pump Station Project (WMWD) – Consultant to Western to provide specialty project management and construction management services for a new 5-mile long, 30” pipeline and 30 cfs pump station.
- 35) CF – EBX Intertie (SBVMWD) – Consultant to SBVMWD for design specification development of the 78” diameter Central Feeder Pipeline 60” diameter EBX Intertie.

- 36) County Line Recharge Basins Turnout (SBVMWD) – Consultant to SBVMWD to develop plans and specifications for 16" diameter piping, valves and a weir box structure for a connection to DWR's 54" EBX pipeline.
- 37) Cactus Bain Connector (SBVMWD) – Consultant to SBVMWD to analyze, design and prepare plans and specifications for a turnout facility (valves & meters) and 30" diameter, ½ mile long pipeline,
- 38) Five Coves and Lincoln Basins Bypass Pipeline Project (OCWD) – Project Manager for the pre-design, permitting and final design of a ¾ mile-long, 66-inch diameter bypass pipeline to increase recharge basin performance and percolation data collection improvements.
- 39) Santiago Basin Floating Pump Station Project (OCWD) – Project Manager for a 50 cfs floating pump station and floating 32" HDPE pipeline to transfer storm water between recharge basins.
- 40) SAR Diversion Certifications (Various) – Performed field services and 3D CFD modeling services for various clients along the Santa Ana River. Performed Santa Ana River stormwater diversion certifications. Including field stream flow measurements, evaluation of field devices (meters, flumes, weirs, channel ratings etc...). Provided information to re-rate and or calibrate meters and flumes to meet accuracy and reporting requirements for surface water diversions from the Santa Ana River.
- 41) 1211 Wastewater Discharge Change Petition Assistance (Various) – Provided consulting services to various clients for 1211 wastewater discharge change petitions. Performed analysis and provided recommendations for applying for 1211 petitions.
- 42) Redlands Pump Station Startup & Testing (SBVMWD) – Consultant to SBVMWD for the startup and testing of their Phase 1 Pump Station to supply water to MWD's 144" diameter Inland Feeder Pipeline.
- 43) Alamitos Barrier Improvement Project (OCWD) – Project Manager for the permitting and final design of the civil infrastructure (pipelines, vaults and appurtenances) for 17 new recycled/imported water injection wells to prevent seawater intrusion into OCWD's groundwater basin.
- 44) Lakeview Transfer Project (OCWD) – Project Manager for the pre-design, design and construction of carbon fiber (FRP) lining and structural reinforcement of an

existing 7' x 7' reinforced concrete box culvert. Project manager for the design of a 90" diameter RCP jack and bore under Lakeview Avenue in Anaheim.

- 45)GWRS Pipeline Assessment, Inspections & R&R Development (OCWD) – Project Manager for the regular inspection and condition assessment of 14 miles of 72-inch – 60-inch recycled water pipeline. Developed inspection and testing protocols and personally entered and inspected the pipeline. Developed and tested lining rehabilitation alternatives and managed dewatering and shutdown operations.
- 46)Kraemer Basin Valve Vault (OCWD) – Project Manager for the pre-design, design and construction of 15' x 40' valve vault around a complex system of 72-inch, 48-inch and 36-inch piping and multiple flow control valves.
- 47)Hyperion Secondary Effluent Pump Station (West Basin) – Consultant to West Basin Municipal Water District to provide project management services for the construction of their secondary effluent pump station. Scheevel also performed systems startup, testing and troubleshooting during the first year of operation as well as inspection and condition assessment of the 60" diameter force main.
- 48)Title 22 Filter R&R Project (West Basin) – Consultant to West Basin Municipal Water District to provide project management services for the repair and rehabilitation of the existing Title 22 Filters at ECLWRF. Scheevel managed the initial design phase and partial construction of the filter 2 underdrain repair.
- 49)Title 22 Converted Filter Feed Booster Pump Station Project (West Basin) – Consultant to West Basin Municipal Water District to provide project management services during the design phase of a 10 MGD booster pump station.
- 50)Barrier Pump Station and Basin R&R Project (West Basin) – Consultant to West Basin Municipal Water District to provide project management services during preliminary design for the repair and rehabilitation of the Barrier Pump Station and Basin.
- 51)Burris Pump Station Project (OCWD) – Project Manager for the pre-design, permitting and final design of a new, 200 cfs storm water pump station. Managed construction of Phase I, which was awarded the ASCE Orange County Branch - Award for 2014 Flood Management Project of The Year.
- 52)Chlorine Contact Basin 3D CFD (West Basin) – Consultant to West Basin Municipal Water District to provide 3-Dimensional Computational Fluid Dynamic (3D CFD) simulations of the conveyance channels, basins and baffle walls.
- 53)Phase III Clearwell Rehabilitation Project (West Basin) – Consultant to West Basin Municipal Water District to provide project management services for pump, piping modifications and the rehabilitation of a microfiltration clearwell.

- 54) Santa Ana River Tributaries Recycled Water Dechlorinating Project (SBVMWD) – Provide field data collection and analysis for passively dechlorinating recycled water to restore flow to tributaries of the Santa Ana River and enhance native fish habitat.
- 55) Storm Water Detention Pond Investigation and Repairs (POET) – Consultant to POET Biorefinery to perform basin inlet repairs and investigate/repair a sinkhole in the berm of a storm water detention basin.
- 56) Imperial Rubber Dam Replacement Project (OCWD) – Project Manager for the design, selection and replacement of OCWD's 7' diameter x 320' long inflatable rubber dam across the Santa Ana River near Imperial Highway.
- 57) La Jolla Rubber Dam Foundation Repairs (OCWD) – Project Manager for the investigation, design and repair implementation to remediate seepage underneath an inflatable rubber dam foundation located in a flood control channel. Performed the investigation, provided seepage analysis, designed repairs and supervised the repairs of the Project.
- 58) Imperial Headgates R&R Project (OCWD) – Project Manager for pre-design, permitting and design for the selection and replacement of a new trash rack system and diversion gate replacement at the Imperial Headgates on the Santa Ana River.
- 59) San Timoteo Stream Temporary Stream Gage (YVWD) – Analyzed, designed, constructed, maintained and performed preliminary design services for a temporary and future permanent stream gage in San Timoteo Creek.
- 60) Prado Sediment Management: Short Term & Long-Term (OCWD) – Field data collection, planning, analysis and design services for short term (5-year 250,000 cy) and long term (30-50 year) sediment management in Prado Basin and the Santa Ana River. Focus on storage volume benefits in Prado Basin Upper and Lower SAR sediment management benefits.
- 61) Santa Ana River Sediment Monitoring Program (OCWD) – Consultant to OCWD to perform a detailed sediment transport study of the Santa Ana River from San Bernardino/Riverside County to Orange County. Scope of work includes the collection of field data (suspended sediment concentration, bedload, bed material, stream flow measurements and cross section surveys) and analysis to compare field data to sediment transport models for the Santa Ana River. Includes a full scale sediment removal field project with field data collection and design performed by Scheevel.
- 62) Prado SMDP Sediment Transport and WQ Monitoring & Analysis (OCWD) – Provide field data collection and analysis in Prado Basin and the Santa Ana River to determine the effects of sediment removal from Prado Basin. The focus of the

monitoring and analysis is on geomorphology, sediment transport and water quality to restore native fish habitat in the Santa Ana River.

- 63)Hidden Valley Wetlands Project (SBVMWD) – Consultant to SBVMWD for wetland reconstruction infiltration rate and water use optimization analysis.
- 64)SAR Native Fish Habitat Enhancement Project (SBVMWD) – Consultant to SBVMWD to analyze, design and construct native fish habitat features in the Santa Ana River.
- 65)Prado Basin Sediment Management Demonstration Project (OCWD) – Project Manager for the planning and design of a demonstration project to remove up to 500,000 cy yd of sediment from Prado Flood Control Basin and re-entrain it into the Lower Santa Ana River to replenish sediments in the River and enhance groundwater recharge in Orange County.
- 66)Prado Basin Ecosystem Restoration Feasibility Study (OCWD) – Consultant to OCWD to provide engineering and technical analysis services to support a U.S. Army Corp Ecosystem Restoration Feasibility Study to increase water conservation, ecosystem restoration and sediment management for Prado Basin and the Lower Santa Ana River. Includes engineering analysis, environmental restoration design, cost estimating, sediment transport analysis, scheduling and implementation planning.
- 67)Santa Ana Sucker Protection and Beneficial Use Enhancement Project (SAWPA) – Consultant to SAWPA for the field modeling, analysis, design, bid document preparation, construction and monitoring phase services for Sucker fish habitat features in the Santa Ana River.
- 68)Santa Ana River Stream Bifurcation Pilot Project (SBVMWD) – Consultant to Valley District for the preliminary design, design, construction and monitoring of a native fish habitat enhancement project in the Santa Ana River.
- 69)Santa Ana River Islands Project (SBVMWD) – Consultant to Valley District for the preliminary design, design, construction and monitoring of a native fish habitat enhancement project in the Santa Ana River.
- 70)Santa Ana River Tributaries Restoration Projects (Anza & Hidden Valley Creeks) – Specialty site services for design and construction of stream restoration projects tributary to the Santa Ana River for Santa Ana Sucker Fish habitat development.
- 71)Rialto Habitat Nature Center (City of Rialto) – Consultant to the City of Rialto for RHNC & lake analysis, design and O&M planning.
- 72)Upper SAR HCP Support (Various) – Provide planning, analysis, design, permitting and coordination services to multiple clients for implementation of

several HCP covered activities (recharge projects, discharge change petitions and mitigation projects).

- 73) Five Coves Basin Freshwater Marsh Project (OCWD) – Designed and managed/directed the construction of a new freshwater marsh habitat area in a groundwater recharge basin.
- 74) Conrock Riparian Stream Project (OCWD) - Designed and managed/directed the construction of a new riparian stream adjacent to/within a groundwater recharge basin.
- 75) GAP Building Stairs Replacement (OCWD) – Provided analysis, design, plans and specifications for a new industrial stair system (aluminum) for OCWD's GAP process building.
- 76) Ammonia Tank Basin Seismic Evaluation (Mesa Water) – Provide field inspections and a seismic risk analysis for a 2,000 gallon ammonia tank. Present analysis and finding in a report to satisfy California Accidental Release Prevention (CalARP) requirements.
- 77) Admin Hallway Structural Design (OCWD) – Performed structural inspection, analysis and final design of new hallway walls/doors for administration building improvements.
- 78) OCWD/City of Santa Ana Reservoir Wall (OCWD) – Consultant to OCWD to perform final design services and develop bid/construction documents for a new CMU wall around an existing reservoir site in the City of Santa Ana.
- 79) Dry Chem 2nd Floor Addition (TVMWD) – Consultant to Three Valleys Municipal Water District for the structural design of a 2nd story floor addition to an existing dry chemical building.
- 80) Carport Canopies Project (TVMWD) – Consultant to Three Valleys Municipal Water District for the structural design to replace two existing carport canopies.
- 81) Confined Space Davit Arm Design (SCWD) – Consultant to SCWD to perform final design services to develop a standard design for a confined space davit arm anchorage.
- 82) Roof Beam Project Laguna Beach County Water District (LBCWD) – Consultant to LBCWD for the design of glulam beam roof design.
- 83) Timber Roof Beam Designs (Various) – Timber beam design for various small projects. Provided specialty structural analysis and design of timber beams and columns.

- 84) Upper to Lower Five Coves Transfer Structure (OCWD) – Designed and constructed a new surface transfer/flow measurement structure to provide data for infiltration rate testing.
- 85) Grain Elevator Pit Structural Design (Meldahl Construction) - Consultant to Meldahl Construction, Inc. to design a reinforced concrete pit for a grain elevator.
- 86) Preston Dairy & Farm Agrichemical Facility (D&F) – Consultant to D&F to construct a new agrichemical facility campus. Project includes 5 new buildings with 3 new process systems. Responsible for preliminary design report, special structural design, site design and layout, utilities design, final design, contractor selection, scheduling, budgeting and accounting, construction management, inspection and regulatory agency coordination and permitting.
- 87) Harmony Agri Services Facility Enhancements (Harmony Agri) – Sub-Consultant to provide all structural analysis, design, construction document preparation and specialty field inspection for reinforced concrete foundations for buildings and a 65' tall tank tower.
- 88) Lanesboro Specialty Bin Foundation (Meldahl Construction) – Sub-Consultant to provide all structural analysis, design and construction document preparation for a reinforced concrete foundation for 54' diameter by 126' tall grain bin.

DATE: July 7, 2026

TO: Board of Directors

FROM: Greg Woodside, Chief of Planning and Watershed Resilience
Cindy Saks, Chief Financial Officer/Deputy General Manager

SUBJECT: Consider Adoption of Updated Reserve Policy

Staff Recommendation

Staff recommend that the Board of Directors rescind its Reserve Policy from 2012 and adopt the Reserve Policy as updated: June 2026, subject to review and approval to form by Legal Counsel.

Summary

San Bernardino Valley Municipal Water District (San Bernardino Valley or Agency) is responsible for importing supplemental water, managing groundwater storage and recharge, building and maintaining water infrastructure, and ensuring a reliable and sustainable water supply within its boundaries.

San Bernardino Valley's existing Reserve Policy was last updated in 2012. Staff recommend updating the Reserve Policy, as it has been 14 years since it was adopted.

The purpose of the Reserve Policy is to ensure the Agency has sufficient funds to meet current and future financial needs in fulfilling its mission to work collaboratively to provide a reliable and sustainable water supply to support the changing needs of our region's people and environment.

The Agency relies on multiple revenue sources to accomplish its mission and purpose. Sufficient reserves are required to manage annual cost and revenue variability, maintain capacity to respond to drought or emergency supply interruptions, fund planned capital obligations, and maintain sufficient coverage for debt obligations.

The updated Reserve Policy will support San Bernardino Valley's ability to fulfill its mission through maintaining reserves in an amount that is sufficient to:

- Cover current operations and to meet variable future cash flow needs.
- Support the development of reliable water supplies through gradual accumulation of funds for investments in new capital projects and system maintenance.
- Limit debt obligations by cash financing components of infrastructure projects and continued maintenance of the existing system.
- Ensure sufficient funds are available to manage for unforeseen emergencies that could interrupt imported water supply and the infrastructure that delivers it.
- Meet debt covenants, support credit rating, and lower borrowing costs for capital expenditures that are debt financed.
- Meet applicable legal requirements and contractual obligations.

The Agency's two primary funds are a General Fund and a State Water Contract Fund. The General Fund is an unrestricted fund and has been used to fund new local infrastructure capital improvement projects in recent years through a strategic approach, while the State Water Contract Fund is restricted to expenses related to the State Water Contract. The Reserve Policy includes separate State Water Contract Fund Reserves and General Fund Reserves.

Agency Strategic Plan Application

The proposed updated Reserve Policy aligns with the Agency's Strategic Plan. Goal 4.4 in the Strategic Plan: Goals and Objectives is 'Build affordable and equitable local water supply projects; objective 1 within Goal 4.4 is 'Develop long-term financial strategy to construct local water supply projects.'

Attachment

1. Draft Updated Reserve Policy

San Bernardino Valley Municipal Water District

Reserve Policy

Updated: July 2026

The San Bernardino Valley Municipal Water District (San Bernardino Valley or Agency) is responsible for providing supplemental water, managing groundwater storage and recharge, building and maintaining water infrastructure, and ensuring a reliable and sustainable water supply within its boundaries. The Agency relies on multiple revenue sources to manage a diverse portfolio of supplies and meet the needs of its customers now and into the future. Sufficient reserves are required to manage annual cost and revenue variability, maintain capacity to respond to drought or emergency supply interruptions, fund planned capital obligations, and maintain sufficient coverage for debt obligations. The Agency will maintain reserves in an amount that is sufficient to:

- Cover current operations and to meet variable future cash flow needs.
- Support the development of reliable water supplies through gradual accumulation of funds for investments in new capital projects and system maintenance.
- Limit debt obligations by cash financing components of infrastructure projects and continued maintenance of the existing system.
- Ensure sufficient funds are available to manage for unforeseen emergencies that could interrupt imported water supply and the infrastructure that delivers it.
- Meet debt covenants, support credit rating, and lower borrowing costs for capital expenditures that are debt financed.
- Meet applicable legal requirements and contractual obligations.

The directives outlined in this reserve policy are intended to ensure the Agency has sufficient funds to meet current and future needs. The Board will annually review the level of reserve funds to ensure that reserves are sufficient to meet Agency obligations and policy objectives.

Reserve Funds

The Agency will accumulate and maintain sufficient reserves at all times to meet the policy objectives. Agency reserves are defined for its two funds: the State Water Contract (“SWC”) and General Fund, which may be further split into funds that are restricted (designated for a particular purpose) and unrestricted (flexible use for defined Agency operations). Funds designated as restricted shall not be transferred into or otherwise comingled with unrestricted

funds. Within each fund there are one or more reserve fund components that cumulatively define minimum amounts and target fund balances.

The Agency will maintain the following reserve funds and component accounts:

State Water Contract (SWC) Fund. All revenue collected from taxes levied within the Agency's boundaries to pay amounts due and owing to the State of California Department of Water Resources ("DWR") pursuant to the Agency's contract with the State ("State Water Contract") shall be deposited into the State Water Contract Fund. The Agency may deposit other revenues into the State Water Contract Fund including but not limited to water rate revenue and interest earnings. The revenues deposited into the State Water Contract Fund may be utilized only to pay the Agency's financial and legal obligations related to the State Water Contract as approved by the Board.

SWC reserves include:

- **SWC Restricted Operating Reserve.** The Agency will hold reserves sufficient to cover variability in DWR State Water Contract costs or Agency revenues. The reserve will be used to fund State Water Contract costs. The reserve will be a minimum of 1 year of State Water Contract costs with a target of 2 years of State Water Contract costs. It will be calculated based on a representative average of State Water Contract costs.
- **SWC Restricted Catastrophic Risk and Emergency Reserve.** The Agency will hold reserves to cover losses or repairs in an unplanned event or circumstance (e.g., fires, flood, earthquakes, subsidence damage, or financial emergencies) related to the State Water Contract within and outside the Agency, including but not limited to the Agency's share of large, non-recurring invoices received from DWR or emergency repairs to SWC conveyance infrastructure. Any reimbursement received by the Agency from DWR or an emergency recovery program as a result of a submitted claim shall be deposited back into the reserve. The reserve will be a minimum of 1-year and a target of 2-years of the cost of purchasing replacement water supplies to meet retail customer water treatment plant demands as determined by the Agency.
- **SWC Restricted Capital Project Reserve.** The Agency will hold reserves to cash finance portions of defined SWC capital projects consistent with Resolution 1060, Agency Capital Improvement Plans (CIP), and other Agency project financing policies. This will limit Agency debt obligations and provide flexibility for the Agency to invest in SWC projects. The minimum level of the reserve and the target will be determined based on anticipated SWC capital projects and project timelines that will be annually reviewed by the Agency. The Agency will endeavor to maintain a target of approximately 100% of the next two (2) year SWC CIP projections (including the current fiscal year's expenses).

General Fund. All non-SWC Agency revenues will be deposited into the General Fund. General Fund expenses include but are not limited to Agency operations, general administration, SWC administration, insurance, equipment, supplies, and other charges that are not SWC costs.

General Fund reserves include:

- **General Fund Unrestricted Operating Reserve.** The Agency will hold reserves to maintain working capital for current operations and to meet routine cash flow needs. Unrestricted Agency General Fund revenues may be appropriated to the reserve. The reserve will be used to fund Agency costs including unanticipated costs of operations and may be accessed at any time for any other Agency purpose, upon approval by the Board. The minimum reserve will be 3 months of Agency General Fund expenses and the target will be 6 months of the General Fund expenses, as reflected in the Administration and General section of Operating Expenses in the annual audit of the Agency presented to the Board each year.
- **General Fund Unrestricted Catastrophic Risk and Emergency Reserve.** The Agency will hold reserves to pay for losses or repairs in an unplanned event or circumstance (e.g., fires, flood, earthquakes, subsidence damage, or financial emergencies) within and outside the Agency. The reserve will be used to pay for emergency costs which may include but is not limited to repairs, emergency services, administration, and purchasing alternative water supplies for non-SWC costs. The reserve will be a minimum of 1-year and a target of 2-years of the cost of purchasing replacement water supplies as determined by the Agency.
- **General Fund Unrestricted Capital Project Reserve.** The Agency will hold reserves to cash finance non-SWC capital projects. The reserve will be utilized to construct or procure new infrastructure for the Agency that is not a SWC cost, including but not limited to transmission and distribution capital assets, buildings, pumping equipment, technical equipment, furniture and fixtures and transportation equipment. The reserve will be a minimum of 1-year and a target of the next 2-years General Fund CIP projections (inclusive of the current fiscal year's expenses).
- **General Fund Restricted Debt Service.** The Agency will hold reserves to cover debt service obligations for non-SWC projects. The Agency reserves established by bond requirements will be used to pay debt service if revenues are insufficient to satisfy annual debt service requirements. The reserve target will be equal to two years of debt service payments, unless a greater amount is otherwise specified in bonds or other debt agreements.
- **General Fund Restricted Contracts Reserve.** The Agency will hold reserves to cover obligations in other contracts. This may include but is not limited to advance water

purchases by retailers, surplus water sales, or other Agency transactions. The minimum and target reserve will be defined for each contract.

Reserve Fund Management

This section defines how reserve funds will be managed.

Reserve Funds. The Board may designate or modify specific reserve funds and maintain fund balances that it has determined to be in the best interest of the Agency and consistent with applicable law. In addition to the reserves identified in this policy, the Board may approve the creation of additional funds, whether temporary or permanent, as the Board deems necessary or appropriate, by amendment to this resolution or by a separate board action. In such event, the Board will identify the purposes for which such additional accounts are created, provide guidance as to the amount which the Agency should endeavor to maintain in each such fund or account, and establish the limits and restrictions pertaining thereto. Considerations to continue or establish a new reserve fund may include but are not limited to the reason for the reserve, the Agency policy objectives, availability of funds to continue, replenish, or establish the reserve, future capital expenditures and debt service obligations, and alignment with Agency reserve policy.

Interest. Unless otherwise stated, interest derived from reserve balances will be credited to the reserve account from which it was earned. Fund balances will be reviewed by the Chief Financial Officer on a quarterly basis, as well as annually during the budget review process in order to determine how reserve fund balances compare with the budgeted projections and how they measure against the goals outlined in this Policy.

Capital Projects. The Agency will review and limit debt obligations where feasible, consistent with Resolution 1060, by cash financing (pay-go) portions of capital projects using appropriate reserve funds. The Agency will develop and maintain a Capital Improvement Plan (CIP) that will define anticipated capital projects, the estimated timeline for such projects, and anticipated costs. The Agency understands that capital project timelines may change due to factors beyond its control and the Agency will periodically update its CIP and ensure that pay-go capital projects align with estimated project capital expenditures.

Reserve Fund Targets. If reserves are depleted, the reserves shall be replenished within a two (2) year budget period to the established or re-established target through revenue generating alternatives and/or cost management measures.

If cumulative reserves within a fund are determined to exceed target levels, a report will be made to the Board and alternative solutions considered. This will include a drawdown schedule to bring the fund balance into an acceptable range.

Reporting. Each year, the Agency's CEO/General Manager or designee will provide the Board with a report indicating the beginning and ending balance for each of the reserve funds or

accounts created pursuant to this policy and the purposes for which expenditures have been made therefrom, and shall make recommendations to replenish, augment, or reduce fund or account balances as appropriate.

DRAFT

DATE: July 7, 2026

TO: Board of Directors

SUBJECT: List of Announcements

- A. July 14, 2 p.m. – Board Workshop – Resources/Engineering by Teleconference or In-Person
- B. July 15, 8:30 a.m. – Upper SAR WIFA In-Person (Cancelled)
- C. July 15, 10:00 a.m. – Santa Ana Watershed Hydro Authority Board Meeting by Teleconference or In-Person
- D. July 15, 1:30 p.m. – SBVW Conservation District Board Meeting
- E. July 20, 6 p.m. – ASBCSD dinner (Sterling Natural Resource Center 25318 5th Street, San Bernardino, CA 92410)
- F. July 21, 09:30 a.m. – SAWPA Commission Meeting by Teleconference or In-Person
- G. July 21, 2 p.m. – Regular Board Meeting by Teleconference or In-Person