



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

On March 4, 2020, Governor Newsom declared a State of Emergency resulting from the threat of COVID-19. Governor Newsom issued Executive Order N-25-20 (3-12-20) and Executive Order N-29-20 (3-17-20) which temporarily suspend portions of the Brown Act relative to conducting public meetings. Subsequent thereto, Governor Newsom issued Executive Order N-33-20 (3-19-20) ordering all individuals to stay at home or at their place of residence. Accordingly, it has been determined that all Board and Workshop meetings of the San Bernardino Valley Municipal Water District will be held pursuant to the Brown Act and will be conducted via teleconference. There will be no public access to the meeting venue.

**REGULAR MEETING OF THE BOARD OF DIRECTORS
TUESDAY, AUGUST 17, 2021 – 2:00 P.M.**

PUBLIC PARTICIPATION

Public participation is welcome and encouraged. You may participate in the August 17, 2021, meeting of the San Bernardino Valley Municipal Water District online and by telephone as follows:

Dial-in Info: (877) 853 5247 US Toll-free

Meeting ID: 684 456 030

PASSCODE: 3802020

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

If you are unable to participate online or by telephone, you may also submit your comments and questions in writing for the District's consideration by sending them to comments@sbvmwd.com with the subject line "Public Comment Item #" (insert the agenda item number relevant to your comment) or "Public Comment Non-Agenda Item". Submit your written comments by 6:00 p.m. on Monday, August 16, 2021. All public comments will be provided to the President and may be read into the record or compiled as part of the record.

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



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

REGULAR MEETING OF THE BOARD OF DIRECTORS

AGENDA

2:00 PM Tuesday, August 17, 2021

CALL TO ORDER/PLEDGE OF ALLEGIANCE/ROLL CALL

1) PUBLIC COMMENT

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

2) APPROVAL OF MINUTES

2.1 August 3, 2021, Meeting(Page 4)
[BOD Minutes 080321](#)

3) DISCUSSION AND POSSIBLE ACTION ITEMS

- 3.1 Consider Contract for Inland Empire Brine Line Pretreatment Program Services (Page 13)
[Staff Memo - Consider Contract for Inland Empire Brine Line Pretreatment Program Services](#)
[G and G Environmental Compliance, Inc. proposal](#)
- 3.2 Consider Approval of Technical Assistance Agreement with United States Geological Survey, Western Ecological Research Center for Fiscal Year 2021-2022 (Page 31)
[Staff Memo - Consider Approval of the Technical Assistance Agreement with the United States Geological Survey Western Ecological Research Center for Fiscal Year 2021 - 2022](#)
[United States Geological Survey Technical Assistance Agreement with attached Statement of Work.](#)
- 3.3 Consider Scope Enhancements to Borden Excavating, Inc. Construction Contract for the Waterman Hydroelectric Project (Page 46)
[Staff Memo - Consider Scope Enhancements to Borden Excavating, Inc. Construction Contract for the Waterman Hydroelectric Project](#)
[100% Construction Drawings](#)
[Site Location Map](#)

4) REPORTS (Discussion and Possible Action)

- 4.1 SAWPA Meeting Report
- 4.2 State Water Project Report(Page 60)
[State Water Project Report](#)
- 4.3 Operations Report(Page 62)
[Operations Report - July 2021](#)
- 4.4 Treasurer's Report(Page 68)
[Treasurer's Report - July 2021](#)
- 4.5 Directors' Fees and Expenses for July 2021(Page 80)
[SBVMWD Director Fees and Expenses paid in July 2021](#)
[Director Botello Activity Report - July](#)
[Director Harrison Activity Report - July](#)
[Director Hayes Activity Report - July](#)
[Director Kielhold Activity Report - July](#)
[Director Longville Activity Report - July](#)

5) ANNOUNCEMENTS

- 5.1 List of Announcements(Page 86)
[List of Announcements 081721](#)

6) CLOSED SESSION

- 6.1 Conference with Real Property Negotiators - Pursuant to Government Code Section 54956.8
- Property APNs 0297-091-18, 0297-101-33, 0297-101-34, 0297-181-03, 0302-071-06,
0302-082-09, 0302-082-10, and 0302-082-11
Agency negotiator: Heather Dyer and Wen Huang
Negotiating party: County of Orange
Under negotiation: Price and terms of payment
- 6.2 CONFERENCE WITH LEGAL COUNSEL- EXISTING LITIGATION
(Paragraph (1) of subdivision (d) of Section 54956.9)
Name of case: Zelgai Gulzarzada v. State of California, et al. (San Bernardino Valley
Municipal Water District) Case No. CIVSB2113819
- 6.3 Conference with Legal Counsel
Existing Litigation
Pursuant to Government Code Section 54956.9
Complaint Against Nestle Waters North America, Unauthorized Diversions from Strawberry
Creek, San Bernardino County (Before the State Water Resources Control Board)
- 6.4 Closed Session pursuant to Government Code Section 54957.6
Conference with Labor Negotiator
District designated representative: General Counsel, Brendan Brandt of Varner and Brandt
Unrepresented employee: General Manager

7) **ADJOURNMENT**

PLEASE NOTE:

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

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

August 3, 2021

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

Directors Absent: None

Staff Present:

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

Kristeen Farlow, MPA – Strategic Communications Manager
 Anthony Flordelis – Business Systems Analyst
 Chris Jones, MESM – Preserve System Program Manager
 Adekunle Ojo, MPA – Water Resources Manager
 Kai Palenscar, Ph.D. – Environmental Compliance Program Manager

Brendan Brandt, Varner & Brandt, District Counsel
 Meredith Nikkel, Downey Brand, District Counsel

Members of the Public in Attendance:

Brenda Fowler
 David Raley, San Bernardino Valley Water Conservation District
 Melody McDonald, San Bernardino Valley Water Conservation District
 Jennifer Ares, Yucaipa Valley Water District
 Madeline Blua, Yucaipa Valley Water District
 Ron Coats, East Valley Water District
 Kelly Malloy, East Valley Water District

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

President Kielhold stated that the record will reflect that pursuant to the provisions of Executive Order N-29-20 issued by Governor Newsom on March 19, 2020, this meeting will be conducted by teleconference only.

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

Agenda Item 1. Public Comment

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

Audience attendance will be recorded in the minutes based on registration information generated in the teleconference or by stating their name during this time. There were no email comments or Zoom requests to speak.

Agenda Item 2. Approval of Minutes of the July 20, 2021 Board meeting.

Director Harrison moved to approve the minutes of the July 20, 2021 Regular Board meeting with one correction. Director Botello seconded. The motion was unanimously adopted by a roll-call vote.

Agenda Item 3. Discussion and Possible Action Items

3.1) Consider Adoption of Resolution No. 1125 Setting a Tax Levy and Review Draft State Water Contract and Devil Canyon Castaic Debt Service Fund Budgets for Fiscal Year 2021-2022. Deputy General Manager/Chief Financial Officer Cindy Saks reminded the Board of discussion of this item at the Debt Service Fund Workshop on July 22, 2021. These budgets are different from the General Fund, which was adopted in June, she explained.

This sets the tax rate to pay for State Water Contract expenses, Saks continued. At the Workshop, it was recommended to bring forward a resolution setting the tax rate at 13 cents per \$100 of assessed value, which is a reduction of the tax rate by 1.25 cents, she noted.

President Kielhold said he appreciated staff tracking the tax rate and recommending adjustments when appropriate. It is important to keep the faith with taxpayers that taxes are raised when necessary and lowered when they are not necessary.

Director Harrison confirmed this results in an eight percent reduction in collection; Ms. Saks added it equates to an \$8 million reduction in property tax revenue.

Director Longville moved to approve the Debt Service Fund Tax Rate of \$0.1300 per \$100 of valuation, budget, and Resolution No. 1125 for Fiscal Year 2021-2022. Director Harrison seconded. The motion was unanimously approved by a roll-call vote.

RESOLUTION NO. 1125

**RESOLUTION OF THE BOARD OF DIRECTORS OF THE
SAN BERNARDINO VALLEY MUNICIPAL WATER
DISTRICT DETERMINING THE AMOUNT OF MONEY
NEEDED TO MAKE ANNUAL PAYMENTS FOR
INDEBTEDNESS APPROVED BY THE VOTERS PRIOR TO
JULY 1, 1978, AND/OR FOR WHICH A TAX LEVY IS
REQUIRED UNDER ARTICLE I, SECTION 10 OF THE
UNITED STATES CONSTITUTION AND MAKING A TAX
LEVY THEREFOR**

(See Resolution Book)

3.2) Consideration of Fiscal Year 2021-2022 State Water Project Audit Contract with Ernst & Young, LLP. Deputy General Manager/Chief Financial Officer Cindy Saks explained this is an annual contract before the Board each year. The State Water Contractors hire an accounting firm to do some agreed-upon procedures related to how the Department of Water Resources uses the proceeds paid by Valley District and others, she explained. This is not a formal audit, it is advisory. Ernst & Yong issues and sends the report to the District. Staff finds it a worthwhile investment to watch over the expenses.

This year's cost would be \$37,030 if all agencies participate, to \$45,514 if less than the typical 80 percent participate, she noted. The prior year's cost was \$32,943, she noted. An additional \$3,000 is included if further work is requested, Saks explained.

Director Longville pointed out this is the 5th year of the prior contract with Ernst & Young and urged the State Water Contractors Association to allow other firms an opportunity in the future. Ms. Saks noted this is a very specialized task and she would notify the Association to send out a Request for Proposal in the future.

Director Botello asked Ms. Saks if a sole source contract would be appropriate; Ms. Saks said it would be, due to the unique work and difficulty in obtaining proposals. She noted the change of staff at Ernst & Young.

Director Botello moved to approve the contact with Ernst & Young to provide auditing services for the 2021-2022 year for an amount not to exceed \$45,514 and authorize the CEO / General Manager to sign the engagement letter. Vice President Hayes seconded. The motion was unanimously approved by a roll-call vote.

3.3) Consider Inland Empire Brine Line Capacity Utilization Program. Deputy General Manager/Chief Water Resources Officer Bob Tincher explained this would generally allow the Santa Ana Watershed Project Authority (SAWPA) to lease the unused

capacity in the Brine Line which is owned by other agencies to any potential dischargers with the understanding that the capacity owners would always retain that capacity and be able to use it in the future. He provided an overview of the Brine Line and its utilization and explained the unused capacity.

SAWPA has been looking for ways to better use the Brine Line, Tincher explained. A voluntary lease capacity pool did not produce a lot of capacity, so this next step would allow SAWPA to designate small amounts of flow and/or treatment capacity for potential lease. They will collect fees that will go into a designated account and if in the future the owner of the capacity needs to use it and there is not capacity, SAWPA would purchase it from Orange County Sanitation District. A provision in the leases assures that if the owner of the capacity needs it, the lessee would have to remove their discharge.

Director Harrison moved to authorize the CEO / General Manager to execute the Agreement Between Santa Ana Watershed Project Authority (SAWPA) and Eastern Municipal Water District (EMWD), Inland Empire Utilities Agency (IEUA), San Bernardino Valley Municipal Water District (SBVMWD), and Western Municipal Water District (WMWD) for the creation of the Inland Empire Brine Line Capacity Utilization Program. Vice President Hayes seconded. The motion was unanimously approved by a roll-call vote.

3.4) Consider Proclamation for Director Don Galleano. Strategic Communications Manager Kristeen Farlow provided biographical information on Western Municipal Water District Director Don Galleano who passed away in June, 2021. Director Harrison remarked on his friendship with Mr. Galleano. Staff responded to Director Botello's request for coordination on the signing and presentation of the proclamation.

Director Harrison moved to approve the Proclamation honoring the service of Director Don Galleano. Vice President Hayes seconded. The motion was unanimously approved by a roll-call vote.

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

4.1) CEO/General Manager's Report.

CEO/General Manager Heather Dyer refreshed the Board on the ongoing efforts for Seven Oaks Dam and noted that language was included in the 2020 Water Resources Development Act, the House Energy bill, and the 2020 and 2021 Water Appropriations bills. She shared language included by Congresswoman Norma Torres.

The Strategic Plan Board Retreat was held June 17-19th, since then WSC has been working on compiling a draft. It is expected to be submitted soon, Dyer noted, and will be

sent to directors to begin the review process with written comments. It will be placed on a future workshop agenda for discussion and revision, she explained, and recommendations will be consolidated into a final draft.

Director Longville noted that strategic plans should be reviewed at least once during the first ten years to see what progress has been made, and at ten years, a revision should be done. Ms. Dyer agreed and said the plan is meant to be used and must be relevant to current circumstances. She said she expected to review it in five years or sooner.

Ms. Dyer said she would compile a matrix of director comments that will easily reflect what was stated.

Director Harrison noted the importance of relating major projects to the goals of the strategic plan. Director Botello concurred with Director Harrison and emphasized that the Plan is a living document, and it is good to check in every three to five years.

The Strategic Communications and Engagement Plan is in process, Ms. Dyer advised. She noted that the consultant, WSC, will be reaching out to directors for input and feedback. She pointed to the Advisory Commission and noted upcoming discussion at the Policy Workshop will offer an opportunity to determine how to engage and be more effective with the policymakers in the watershed.

CEO / General Manager Dyer reminded the Board of the change to the Association of California Water Agencies / Joint Powers Insurance Authority (ACWA/JPIA) for liability, property, and workers compensation insurance. Representatives from ACWA/JPIA made a presentation to staff on benefits and assistance available, she noted. Staff identified a priority to build a robust, transparent, and defensible risk management and safety program, she explained. Director Harrison noted he has served on the ACWA/JPIA Board for four years, said he is glad the District joined and pointed to long-term benefits.

CPS HR Consulting was contracted to develop an overview of the District's HR, risk management and safety needs, Ms. Dyer noted. A gap in safety and risk management program was identified, along with some different human resources needs, she explained. The report has been submitted with two strategy options proposed and estimated costs. Ms. Dyer said she will present the report at the August 10 workshop for consideration. CPS is also working on revision of the employee handbook, she added. A draft will be brought to the Board for review.

Director Botello asked about succession planning and development of a directors' handbook. He requested a future update on the ACWA/JPIA presentation. Ms. Dyer said her goal is to establish formal onboarding processes for both staff and new directors and reminded about discussion at the Strategic Plan Retreat on development of leadership culture. She noted there is a director's handbook subcommittee which is waiting on the strategic plan to begin the process of revision and will be led by legal counsel Brandt.

Ms. Dyer advised that nine substantive, high-level proposals were received for development of the Climate Adaptation and Resilience Plan. An inter-agency review team

has narrowed it to five for further consideration and staff from Metropolitan Water District and the San Diego Water Authority have agreed to review the proposals, she noted. Interviews are scheduled for August 12, and a contract for Board review is slated for September, Dyer advised.

The District is a member of the National Habitat Conservation Plan Coalition, Ms. Dyer reminded. All member agencies provide volunteer effort, and she serves on the Board and Planning Committee for this year's virtual annual meeting on October 7. She invited all directors to attend. Director Longville indicated interest.

The Upper Santa Ana River Habitat Conservation Plan has released its draft Environmental Impact Report (EIR), Dyer advised. Ten comment letters were received, Dyer noted, including a noteworthy letter recognizing and respecting what Valley District is trying to do in terms of covered activities and water supply projects. The final EIR will come before the Board for approval in the next couple of months, Dyer advised.

CEO/General Manager Ms. Dyer reported that Executive Director Upper Santa Ana River Habitat Conservation Program Joanna Gibson completed the Comprehensive Adaptive Monitoring and Management Plan prior to the August 1 grant requirement, and it will be presented at the Workshop on August 5.

Ms. Dyer advised that the rhomboid project at the Citrus Reservoir is complete. Released onto the reservoir were 7.5 million rhomboids and the project is working as envisioned.

The Water Infrastructure Finance and Innovation Act (WIFIA) letter of interest for the Watershed Connect program was submitted on July 23, Ms. Dyer reported. The first Joint Powers Authority meeting was held July 21 and the Board members are President Kielhold, San Bernardino Valley Water Conservation District General Manager Daniel Cozad, and Yucaipa Valley Water District Director Lonni Granlund. Other agencies will take the agreement to their governing bodies next month, she noted. If the project is invited to submit a formal application, it will be known in the next couple of months, Dyer advised. The next meeting of the Santa Ana River Watershed Infrastructure Financing Authority (SAR WIFIA) will be Wednesday, August 18, 2021 at 8:30 a.m.

Ms. Dyer indicated that she plans to add a State Water Contractor report on the agenda for the second meeting of the month, as there is significant activity. Vice President Hayes pointed out a Facebook post of Lake Oroville contrasting photos of the water level over the years and Ms. Dyer confirmed that the low water level was accurate.

Director Harrison commented on the District's accomplishments and expressed thanks to staff.

4.2) SAWPA Meeting Report.

Vice President Hayes reported on the following items taken at the June 1, 2021 Santa Ana Watershed Project Authority Commission meeting:

The Commission took the following action:

- Appointed Commissioner Brenda Dennstedt to the One Water One Watershed Steering Committee
- Approved Resolution 2021-6 recognizing Hope Smythe for her service as Executive Officer of the Santa Ana Regional Water Quality Control Board

The Commission received the following informational reports:

- Proposal for Grant Application and Administration Support for Small Community Water / Wastewater Systems Serving Disadvantaged Communities in the Santa Ana River Watershed
- General Manager's Report – 100 Day Plan

4.3) District's Primary Representatives and Activity Report.

Director Botello reported that he attended the Southern California Water Coalition Luncheon, and the Cal Cities Inland Empire Division Meeting.

Director Longville reported that she attended the Southern California Water Coalition Quarterly Meeting, the University of California Wildfire Symposium on July 28, the Department of Water Resources webinar on July 29, and spoke at the San Bernardino Democratic Club luncheon.

Vice President Hayes reported that she also attended the Southern California Water Coalition Meeting.

Director Harrison had no activities to report.

President Kielhold reported that he attended the first meeting of the Santa Ana River Watershed Infrastructure Financing Authority. He presented a framed copy of the cover letter to the afore-mentioned noteworthy comment letter from the Center for Biological Diversity, the San Bernardino Valley Audubon, the Sierra Club, and the California Native Plant Society to CEO / General Manager Dyer. Ms. Dyer commented and thanked the Board. Director Botello offered compliments.

4.4) Board of Directors' Workshop – Resources – July 1, 2021. No oral report was given as a written report was included in the Board packet.

4.5) Board of Directors' Workshop – Policy – July 8, 2021. No oral report was given as a written report was included in the Board packet.

4.6) Board of Directors' Workshop – Engineering – July 13, 2021. No oral report was given as a written report was included in the Board packet.

4.7) Board of Directors' Debt Service Fund Budget Workshop – July 22, 2021. No oral report was given as a written report was included in the Board packet.

Vice President Hayes moved to approve the minutes of the following meetings:

- Board of Directors' Workshop – Resources – July 1, 2021
- Board of Directors' Workshop – Policy – July 8, 2021
- Board of Directors' Workshop – Engineering – July 13, 2021
- Board of Directors' Debt Service Fund Budget Workshop – July 22, 2021

Director Botello seconded. The motion was unanimously approved by a roll-call vote.

Agenda Item 5. Future Business.

5.1) Future Business.

- Discussion / feedback on proposal for SAWPA Grant Application and Administration Support for Small Community Water / Wastewater Systems Serving Disadvantaged Communities in the Santa Ana River Watershed
- It was moved by Director Harrison and seconded by Vice President Hayes to add a Closed Session for discussion of the contract of the CEO / General Manager. The motion was unanimously approved by a roll-call vote.

Agenda Item 6. Announcements.

6.1) List of Announcements. President Kielhold pointed out the list of announcements.

Agenda Item 7. Closed Session. District Counsel Brendan Brandt introduced the Closed Session item. President Kielhold adjourned the meeting to Closed Session at 3:27 p.m.

7.1) Conference with Legal Counsel – Existing Litigation

Pursuant to Govt. Code Section 54956.9

Complaint against Nestle Waters North America, Unauthorized Diversions from Strawberry Creek, San Bernardino County (Before the State Water Resources Control Board)

7.2) Conference with Real Property Negotiators

Pursuant to Govt. Code Section 54956.8

Property APN 0140-042-10

Agency Negotiator: Heather Dyer
 Negotiating parties: San Bernardino Valley Concert Association
 Under negotiation: Price and terms of payment

President Kielhold returned the meeting to Open Session at 4:33 p.m. Legal Counsel Brendan Brandt reported that:

- Item 7.1 – A motion was made by Director Botello and seconded by Vice President Hayes to intervene and/or participate in the action before the State Water Resources Control Board Administrative Hearing Officer. The motion was unanimously approved.

Pursuant to Government Code Section 547571.1, once the action approved by the Board has been taken, the other parties and particulars will be disclosed to any person upon inquiry to the Water District.

- Item 7.2 – A motion was made by Director Harrison and seconded by Director Longville to accept the offer of price and terms for the subject property. The vote passed 4-1 with the following votes:
 - Director Hayes – No
 - Director Longville – Yes
 - President Kielhold – Yes
 - Director Botello – Yes
 - Director Harrison – Yes

Director Botello moved to adjourn the meeting. Director Harrison seconded. The motion was adopted by a unanimous roll-call vote.

Agenda Item 7. Adjournment.

The meeting was adjourned at 4:37 p.m.

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

Respectfully submitted,

Lynda J. Kerney
 Contract Assistant



DATE: August 17, 2021
TO: Board of Directors
FROM: Bob Tincher, Chief Water Resources Officer/Deputy General Manager
SUBJECT: Consider Contract for Inland Empire Brine Line Pretreatment Program Services

Staff recommends approval of the FY 2021-22 Inland Empire Brine Line Pretreatment Service Program which provides ongoing, required services for the Inland Empire Brine Line (IEBL). G&G Environmental Compliance, Inc. (G&G) has prepared the attached budget of \$72,078 for the services to be performed during FY21-22. The cost for this year's program is about 7% higher than last year due to an increase in sub-contracted laboratory costs.

Because this is a recurring, budgeted annual expense familiar to the Board and to ensure no lapse in service, staff is placing this item directly on a Board of Directors meeting agenda, without first going to a Board workshop, like we have in previous years.

Background

The Inland Empire Brine Line (Brine Line) is a gravity pipeline that delivers non-reclaimable waste from the upper Santa Ana River watershed to an Orange County Sanitation District (OCSD) treatment plant for treatment and disposal. The flow contracts for discharging into the Brine Line are between the Santa Ana Watershed Project Authority (SAWPA) and its four (4) upper watershed member agencies, including Valley District. The four upper watershed SAWPA member agencies, in turn, contract with entities within their boundaries for flow capacity in the line. Flow contracts within Valley District total to 7.198 MGD (million gallons per day). In addition to pipeline capacity, dischargers must also purchase treatment and disposal capacity in the OCSD treatment plant before they can discharge. Treatment and disposal capacity is purchased by SAWPA from OCSD and then sold to the SAWPA member agencies that, in turn,

sell it to dischargers. To date, less than 1 MGD of treatment capacity has been purchased for discharges to the Brine Line from the Valley District service area.

By agreement, OCSD delegates to SAWPA the responsibility to carry out and enforce a “pretreatment program” that ensures discharges into the Brine Line meet all of the requirements of 40 Code of Federal Regulations Part 403 as well as OCSD requirements. SAWPA, in turn, delegates this responsibility to each of its upper watershed member agencies through a Multijurisdictional Pretreatment Agreement (Agreement) with each agency. SAWPA also has a separate Agreement with Yucaipa Valley Water District (YVWD) for the Brine Line extension from San Bernardino to Yucaipa. YVWD’s willingness to contract directly with SAWPA for this portion of the Brine Line that extends into Yucaipa correspondingly reduces the permit administration cost for Valley District.

Valley District presently oversees the following permits within the Valley District service area:

Discharger	Permit Requirements	
	Inspections	Sampling
Southern California Edison Mountain View Power Plant	4	4
Agua Mansa Power Plant	4	4
Rialto Bioenergy	4	4

Given the limited number of permits, the Valley District Board has chosen not to hire staff for the day to day implementation of this program but, instead, to contract for these services. The current provider of these services is G&G Environmental, Inc. (G&G). G&G’s activities, under the supervision of staff, generally include:

1. Permitting
2. Inspections
3. Monitoring (new)
4. Sampling (new)
5. Meetings
6. Reporting
7. Enforcement

Pretreatment services is a specialized industry. G&G is uniquely qualified to provide these services based upon their past years of experience providing these services to Valley District,

and other agencies, and based upon their in-depth knowledge of the specific requirements of OCSD's pretreatment program. The cost to administer this program for fiscal year 2020-21 was \$68,128.

Fiscal Impact

The General Fund Budget for fiscal year 2021-22 included \$75,000 for these services under line item 6360 Consultants.

Staff Recommendation

Authorize staff to enter into a contract with G&G Environmental, Inc. for \$72,078 to conduct the required Brine Line pretreatment program on behalf of Valley District for FY21-22.

Attachment

G&G Environmental Compliance, Inc. proposal



SCOPE OF SERVICES

BRINE LINE PRETREATMENT PROGRAM SERVICES



Submitted to:

San Bernardino Valley Municipal Water District
Attn: Bob Tincher, M.S., P.E.
380 East Vanderbilt Way
San Bernardino, CA 92408

Submitted by:

G&G Environmental Compliance, Inc
5053 La Mart Dr. Ste. 203
Riverside, CA 92507
Office: (951) 683-3538
Fax: (951) 683-3859

August 2021

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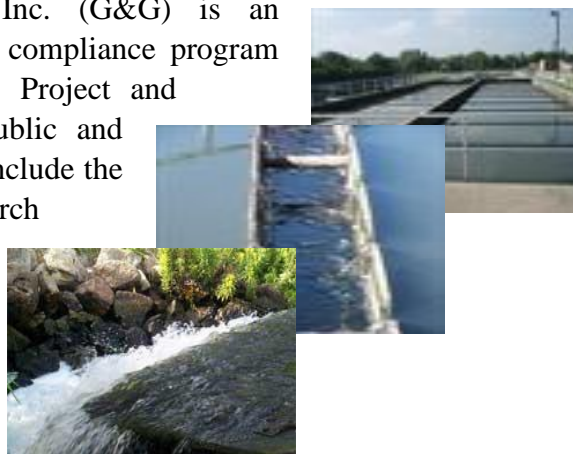
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APPENDIX A – G&G Rate Schedule (FY21-22)
APPENDIX B – INSURANCES

1.0 G&G CORPORATION

1.1 Firm Description and Capabilities

G&G Environmental Compliance, Inc. (G&G) is an environmental science and regulatory compliance program Management Company that provides Project and Program Management services to public and private sector clients. G&G services include the full spectrum of environmental research and regulatory compliance activities, with particular emphasis on wastewater discharge and pretreatment program management, storm water program management, pollution prevention and waste minimization strategy development.



G&G is a small business company formed in 2002 by two former public agency regulatory program managers to meet the growing need for consulting services that combine a unique blend of knowledge in city and municipal agency programs along with specific expertise in state, local, and federal environmental & regulatory compliance requirements. G&G provides its customers with information and analysis needed for informed decisions and the development of new applications. Our experience and expertise working with state and federal regulatory agencies, enables G&G to handle high profile and controversial projects where excellent negotiation skills and a thorough knowledge of regulations are paramount.

G&G's primary business focus is water and wastewater compliance program management. Our unique experience and personnel provide proficiency in the following essential categories:

- ◆ Extensive knowledge of federal and state water & wastewater program regulations;
- ◆ Source Control & Stormwater Program inspection and management;
- ◆ Wastewater Ordinance and Enforcement Response Plan Development;
- ◆ Permit applications for Waste Discharge Requirements (WDRs) and NPDES Permits;
- ◆ BMP development
- ◆ Extensive experience working with federal, state, municipal and city agencies.
- ◆ Wastewater Discharge (Local) Limit Development

1.2 Project Team

Our Project Team consists of G&G staff and management and brings many years of local Pretreatment Program experience to this project for San Bernardino Valley Municipal District (Valley District). G&G understands that the success of this proposed program is dependent on a well-integrated Agency/Consultant staff team. It is our goal to develop seamless relationships with Valley District's staff so that program development and work production will appear effortless. We also understand the need to be sensitive to the needs of Valley District's business community.

A brief summary of the qualifications for each G&G Project Team member is provided in this subsection. Complete resumes are available upon request.

GARY ETHRIDGE PROGRAM MANAGER

Mr. Ethridge has held the Grade IV Environmental Compliance Inspector – California Water Environment Association (CWEA) certification for over 25 years. His experience includes managing all regulatory programs at G&G Environmental for 20 years; directing all environmental programs and laboratory activities for Eastern Municipal Water District for 12 years; and has managed city and municipal pretreatment programs for Colton, Corona, WMWD, Banning, Beaumont and Yucaipa.

ESTEBAN VASQUEZ INSPECTOR GRADE I

Mr. Vasquez is a CWEA Grade I Environmental Compliance Inspector (ECI) that has more than two years of experience in the Industrial PTP Field. Esteban is a Grade II CWEA ECI candidate that should complete those requirements during the course of this FY. He will be the primary field level inspector for this Brine Line Pretreatment Program.

LUISANGEL MELENDREZ TRAINEE INSPECTOR

Mr. Melendrez is a Trainee level Environmental Compliance Inspector that should complete his CWEA Certification requirements prior to December 2021 and has one year of Industrial Waste inspection experience currently.

2.0 UNDERSTANDING THE REQUIREMENTS

Valley District has requested a proposal to extend current services for regulatory compliance services related to Brine Line dischargers located in Valley District's service area. Priorities at this time are related to inspections, permitting, regulatory reporting, database management of compliance related events, enforcement, auditing the SBMWD (Indirect Discharger Brine Line Program activities). The current IUs under permit with Valley District include Mountainview Power Plant, and the Agua Mansa Power Plant.

The regulatory oversight includes quarterly inspections and meeting with the facility representatives, permitting, and follow-ups to compliance related events.

Included in this year's proposal as a secondary line item is monitoring (sampling and analyses). This was included in last year's budget as well.

The budget for FY 21-22 is increased to reflect increased laboratory analysis costs which occurred when Babcock Laboratories increased fees for this FY. The program currently has three permitted direct discharging SIUs.

Communication between G&G, Valley District, SAWPA and the Brine Line Dischargers remains the key to the overall success of this work effort. G&G strives to provide a seamless interface between our clients and their customers and will establish at the onset of this work, all necessary contact information from those parties that need to be informed of any progress or problems during this project.

3.0 HOURLY FEES AND COST PROPOSAL

G&G proposes to perform the Scope of Services on a time and materials basis in accordance with the G&G Schedules of Fees and Charges provided in Appendix A. Our estimated cost for performing the Scope of Services described in this Proposal is \$72,078 (Including subcontracted Laboratory Services for Sampling and Analyses) with a per item breakdown as shown in Table I.

This budget represents an approximate 7% increase in last years budget. This is due to increased subcontracted laboratory costs. There are no increases projected for the inspection, compliance, and reporting tasks being performed by G&G.

**Proposal for
Pretreatment Program Services**

VALLEY DISTRICT BRINE LINE PTP PROGRAM FY21-22 BUDGET					
Task Description (Rate/Hr)	Hours	Budget			
1 PROGRAM MANAGEMENT (\$110)	110	\$12,100			
2 INSPECTIONS					
A. Industry Inspections (Grade I) (\$72)	24	\$1,728			
B. Industry Inspections (Grade II) (\$85)	24	\$2,040			
C. Industry Inspections (Grade IV) (110)	12	\$1,320			
3 DATABASE MGMT & ADMINISTRATION					
A. Industry Inspections (Grade I) (\$72)	20	\$1,440			
B. Inspector (Grade II) (\$85)	20	\$1,700			
C. Program Manager (\$110)	10	\$1,100			
4 REGULATORY REPORTING					
A. Program Manager (\$110)	16	\$1,760			
B. Inspector (Grade I) (\$72)	20	\$1,440			
5 MEETINGS					
A. Inspector (Grade I) (\$72)	10	\$720			
B. Inspector (Grade II) (\$85)	10	\$850			
C. Program Manager (\$110)	10	\$1,100			
6 OTHER COSTS - TRAVEL EXPENSES (\$0.56/mi)		\$280			
Estimate 500 Miles					
SUBTOTAL		286	\$27,578		
SUBCONTRACTED COSTS (Sampling & Analyses)					
TASK DESCRIP¹	Hours	\$/Hour	\$/Event	Events	Budget
1 SAMPLING COSTS					
a. Quarterly Sampling (set up & collection)			550	12	\$6,600
b. Semi-Annual Sampling			550	6	\$3,300
2 ANALYTICAL COSTS					
a. Quarterly Analyses			2,420	12	\$29,040
b. Semi-Annual Analyses			660	6	\$3,960
3 OTHER SAMPLING AND ANALYSES					
a. Non-Compliance (*As Needed)					\$800
b. SAWPA/OCSD Special Sampling					\$800
SUBTOTAL (SUBCONTRACTED - COSTS)					\$44,500
GRAND TOTAL - ALL PROGRAM COSTS					\$72,078

Proposal for Pretreatment Program Services

For purposes of our cost estimate, we have assumed that the scope of work is restricted to routine PTP functions (e.g. inspection, reporting, compliance assurance, correspondence, database administration, regulatory meetings, and associated monitoring tasks) required for managing compliance of the Inland Empire Brine Line Dischargers. Example of tasks which are considered outside the tasks being proposed herein, include, but are not limited to, extended non-compliance remedies including formal show cause hearings, depositions, court appearances, surveillance activities, etc.

The proposed annual budget is for Program work to be performed between July 1, 2021 and June 30, 2022.

4.0 RELATED AND/OR RECENTLY COMPLETED PROJECTS

G&G has the unique capability to provide Valley District with a full range of experienced staff for this project. These staff members have worked on many similar projects as described in this section.

4.1 City of Colton – Environmental Compliance Program Management

Client: City of Colton
650 N. La Cadena Drive
Colton, California 92343

Client Contact: David Kolk, PhD
Director
Public Works Department
909.370.6145

Project Budget: \$140,000

Period of Performance: September 2004 to present

G&G continues to provide PTP Services for the City of Colton. A full range of PTP services is provided including those listed below.

- ▶ Regulatory Reporting
- ▶ Permitting
- ▶ Compliance Assurance
- ▶ Inspections
- ▶ Program Development
- ▶ Plan Check
- ▶ FOG Program
- ▶ Stormwater Program
- ▶ Sewer Rates

5.0 PROJECT APPROACH

The duration of time and tasks involved in performing the work described in this proposal represents typical activities and time frames as determined from similar work performed by G&G for numerous agencies throughout the Inland Empire and other portions of San Bernardino and Riverside Counties.

5.1 Task 1, Program Management

Program management includes all hours needed to communicate and document program activities to our client, Valley District. The communication is provided via e-mail, written documents, and monthly status reports.

5.2 Task 2, Industry Inspections

Quarterly inspections are performed in accordance with OCSD and SAWPA program requirements. All inspections are documented on approved forms and filed in the facility permit file. Any corrective actions required are documented and reported to Valley District as they occur.

5.3 Task 3, Database Management

All sampling, inspection, and compliance related activities are input to a database for easy retrieval during reporting periods and to track upcoming events (i.e. expiring permits, compliance deadlines, etc.)

5.4 Task 4, Regulatory Reporting

The regulatory reporting includes narrative descriptions of all compliance related activities, the associated compliance status, compliance schedules, etc. All pertinent sampling data is also included.

5.5 Task 5, Meetings

Quarterly meetings will be used to provide Valley District with a summary of all activities performed during the quarter and to re-assess or re-prioritize issues which may have occurred during that period. Meetings will be held with existing and future Brine Line Dischargers as needed. This task also includes meeting with SAWPA on behalf of Valley District to participate in the Brine Line PTP conference calls, Coordinators meetings, etc.

**APPENDIX A
G&G ENVIRONMENTAL COMPLIANCE, INC
FY21-22
RATE SCHEDULE**



RATE SCHEDULE

Effective Dates: July 1, 2021 – June 30, 2022

The following rate schedule includes all current client services and associated costs. As new services are added the listing will be updated. All listed prices are re-evaluated in May of each calendar year and revised as necessary. Requests by clients for multiple year contracts with fixed prices throughout the term of the contract will be honored for time periods not exceeding 3 years. Rate schedules become effective on the 1st day of the Fiscal Year which begins in July and ends on June 30th. Additionally, multiple year contracts may qualify for reduced pricing as negotiated during the bidding process.

Environmental Compliance Services	Rates
Skill Level or Service	Hourly Rate
Principal or Engineering Professional	\$135.00
Program/Project Manager	\$110.00
Senior Environmental Compliance Inspector – Source Control	\$95.00
Environmental Compliance Inspector I – Source Control	\$72.00
Environmental Compliance Inspector II – Source Control	\$85.00
FOG Control Inspectors (Trainee Level staff) – NPDES and Source Control	\$45.00
Technical Analyst & Operational Support (Administrative Support)	\$60.00
Stormwater Programs	
Principal or Engineering Professional	\$135.00
Program/Project Manager	\$115.00
Senior Stormwater Inspector	\$95.00
QSP Certified Stormwater Inspector	\$72.00
Technical Analyst & Operational Support (Administrative Support)	\$60.00

**APPENDIX B
G&G INSURANCES**



Insurances:

G&G carries the following insurances and will be in force at the time of contract execution:

General Liability

\$2,000,000 per occurrence) with a \$4,000,000 aggregate limit of general commercial liability through the CNA Insurance Company (Policy 6024707390).

Automobile Liability

\$1,000,000 of commercial automobile liability for scheduled autos, hired autos, and non-owned autos through the CNA Insurance Company (Policy 6045362193).

Workers Compensation and Employers Liability

\$1,000,000 per accident, and per disease (each employee) through the CNA Insurance Company (Policy 62470723).

Professional Liability

Errors and omission Insurance in the amount of \$1,000,000.00; \$2,000,000 policy aggregate through Evanston Insurance Company (Policy No. MKLV5ENV101480).

G&G also carries an Umbrella Policy for an additional \$1,000,000 through the CNA Insurance Company (Policy 6045334314).

G&G can provide copies of all policies and additionally insured certificates upon request.

Proposal for Pretreatment Program Services

In witness whereof, the parties have contracted to perform the work described herein in accordance with the task descriptions and rates as indicated in Section 3.0 and Appendix A of the attached proposal.

SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT

Doug Headrick, General Manager & Chief Engineer

Date

G & G ENVIRONMENTAL COMPLIANCE, INC

Gary Ethridge, President & CEO

Date



DATE: August 17, 2021

TO: Board of Directors

FROM: Joanna Gibson, Executive Director Upper SAR HCP Program

SUBJECT: Consider Approval of the Technical Assistance Agreement with the United States Geological Survey Western Ecological Research Center for Fiscal Year 2021 - 2022

Summary

This item was discussed at the Board of Directors Workshop – Resources on August 5, 2021 and staff was directed to place the item on an upcoming regular Board of Directors meeting for consideration. Staff is recommending the Board direct the CEO/General Manager to execute the Fiscal Year 2021-2022 Technical Assistance Agreement with the United States Geological Survey (USGS), Western Ecological Research Center (WERC). The Technical Assistance Agreement includes three tasks, at a total cost of \$186,093, with the USGS contributing \$64,000 (34%) and Valley District contributing \$122,093 (66%). Valley District will be reimbursed approximately 60% or \$73,256 from our HCP partners. Valley District's 40% share of the cost will be \$48,837.

The cost for this program was included in Line Item 6350 – United States Geological Survey, in the approved Valley District General Fund Budget for Fiscal Year 2021-22.

The Technical Assistance Agreement includes fewer tasks compared to the Technical Assistance Agreement executed for Fiscal Year 2020-2021. Consequently, the total cost of this Technical Assistance Agreement is less than the previous Technical Assistance Agreement (\$186,093 vs \$527,485).

Background

Valley District staff works cooperatively with the USGS on several different programs each year for technical and scientific support for our various water supply and conservation initiatives. The agenda item before you today: Technical Assistance Agreement (TAA) with the biological studies branch of the USGS in southern California, WERC, identifies the completion of studies and scientific review to support the Upper Santa Ana River HCP and the associated long-term management plan (i.e., the Comprehensive Adaptive Management and Monitoring Plan, or CAMMP). Several trusted USGS scientists would complete the biological studies and technical work identified in the TAA and the accompanying Statement of Work (SOW) (Attachment 1). The activities described in the SOW support the approval and implementation of the HCP, and the scientific robustness of the CAMMP.

TAA's previously executed between the USGS-WERC and SBVMWD have focused on surveys and studies of more cryptic wildlife species included in the HCP, studies on the efficacy of different survey methodology, genetics analyses, the development of genetics management plans, and support to the mountain yellow-legged frog captive breeding and translocation programs. This TAA will support a continuation of two activities included in the Fiscal Year (FY) 2020-2021 TAA, as well as USGS staff support for scientific review and guidance on the CAMMP document.

The SOW for FY 2021-22 includes the following activities:

1. Updated population survey for Santa Ana speckled dace in the HCP Plan Area. This will expand on efforts conducted in 2020.
2. Mountain yellow-legged frog conservation actions in the Santa Ana River watershed. Focused on support of conservation actions within the San Bernardino National Forest (within the HCP Plan Area).
3. Technical support within the HCP Plan Area. This activity will support USGS staff time to review and comment on technical aspects of the CAMMP. Scientific review by USGS staff will lead to the development of a more robust and defensible document.

Dr. Robert Fisher of the USGS's WERC presented on accomplishments under the FY 2020-21 TAA during the April 13, 2021 Board of Directors Engineering Workshop. A brief summary of the studies/surveys conducted under the FY 2020-21 TAA and discussed during Dr. Fisher's presentation is as follows:

1. Santa Ana Sucker Genetics: Field sampling and molecular lab work is complete. Data are currently being analyzed (analysis was delayed due to COVID-19). Results will be presented to Valley District in late Fall 2021.
2. Draft Santa Ana Sucker Genetics Management Plan: draft completed and submitted to Valley District for review.
3. Mountain Yellow-legged Frog Translocation in the Santa Ana River Watershed: Critically endangered, declined from 99% of its historic range. There are nine remaining populations in Southern California, one of which occurs in the Upper SAR HCP Planning Area. The species is being reintroduced using captively bred individuals. Survey results from 2020 show promising results within the HCP Planning Area: 1st year tadpoles, subadults, and adults were detected.
4. Mountain Yellow-legged Frog eDNA Monitoring Technique Study: analyzes “shed” DNA in water samples. Water samples were collected, but not analyzed due to COVID-19. Lab work is currently underway. A report will be prepared and submitted to Valley District following completion of analyses (submittal anticipated end of 2021).
5. Western Spadefoot: Updated Population Survey within the Upper SAR HCP Planning Area: conducted breeding pond surveys. Detected at five locations within the HCP Planning Area.
6. Santa Ana Speckled Dace: Updated Population Survey within the Upper SAR HCP Planning Area: surveys conducted within nine streams, observed at four of nine survey locations. Observed in City, Cajon, Plunge, and Lytle Creeks. A report is anticipated to be submitted December 2021.
7. Western Pond Turtle: Updated Population Survey within the Upper SAR HCP Planning Area: trapping conducted at 15 sites, reconnaissance at additional 10 sites. Detected at one location within the HCP Planning Area.

Fiscal Impact:

The total cost for this program of work is \$186,093, with the USGS contributing \$64,000 (34%) and Valley District contributing \$122,093 (66%). Valley District will be reimbursed approximately 60% or \$73,256 from our HCP partners. The fiscal impact to Valley District is \$48,837. The cost

for this program was included in Line Item 6350 – United States Geological Survey, in the approved Valley District General Fund Budget for Fiscal Year 2021-22.

Recommendation:

Staff recommends the Board direct the CEO/General Manager to execute the Technical Assistance Agreement with the USGS Western Ecological Research Center for FY 2021-2022.

Attachment:

1. United States Geological Survey Technical Assistance Agreement with attached Statement of Work.

TECHNICAL ASSISTANCE AGREEMENT

This Technical Assistance Agreement is entered into by and between U.S. Geological Survey, a Bureau of the Department of the Interior, through the offices of its **Western Ecological Research Center, Sacramento, California**, hereinafter referred to as the “USGS” and **San Bernardino Valley Municipal Water District, San Bernardino, California**, hereinafter referred to as “Collaborator” or “SBVMWD” who is working as the lead agency on behalf of the eleven **Upper Santa Ana River Habitat Conservation Plan "SAR HCP" partners**. USGS and Collaborator are sometimes herein referred to as a “Party” and collectively as the “Parties.”

Whereas, the USGS is authorized to perform technical assistance with other Federal agencies, units of State or local government, industrial organizations, private corporations, public and private foundations, and nonprofit organizations (including universities) under the Stevenson-Wydler Act (15 U.S.C. § 3710a(b)(3)(A), as amended);

Whereas, the USGS has a mission in providing sound terrestrial and monitoring science that contributes to the wise management of the Nation’s natural resources and has need of research on population status of the **federally endangered mountain yellow-legged frogs and other riparian species in southern California** to support this mission;

Whereas, Collaborator has a mission to plan long-range water supply and wastewater disposal for the San Bernardino Valley and whose actions effect habitat that is utilized by this species and has need of USGS expertise in genetic analysis to aid in future management strategies;

Whereas, the project entitled “**Upper Santa Ana River Habitat Conservation Plan (HCP) Biological Support Program**” is intended by the Parties to be mutually beneficial and to benefit the people of the United States; For federal Fiscal Year 2021/2022 the Program includes the following activities in support of the SAR HCP Conservation Strategy:

- 1) Updated population survey for Santa Ana Speckled Dace in the HCP Plan Area
- 2) Mountain Yellow-legged Frog Conservation Actions in the Santa Ana River Watershed
- 3) Technical Support within the HCP Plan Area, Santa Ana River

Now, therefore, the Parties hereto agree as follows:

1. **Statement of Work.** See attached Statement of Work (SOW) (Attachment A), incorporated by reference herein.

2. **Principal Investigator.** The USGS principal investigator (PI) for this project is Robert Fisher, 619-225-6422, rfisher@usgs.gov, 4165 Spruance Road, Suite 200 San Diego, CA 92101-0812. The PI for the Collaborator is Heather Dyer, 909-387-9256, heatherd@sbvmwd.com, 380 East Vanderbilt Way San Bernardino, CA 92408. In the event that a PI is unable to continue in this project, the sponsoring agency will make every effort to substitute a replacement acceptable to the other Party.

3. **Title to Equipment.** There will be no joint property purchased as a result of the work outlined in the SOW. Each Party will provide its own equipment necessary to support its participation in the technical evaluation.

4. **Term.** The technical assistance contemplated by this Agreement will commence on the effective date of this Agreement. The effective date of this Agreement shall be 7/1/2021. The expiration date of this Agreement shall be 6/30/2022. The Agreement may be extended by mutual written agreement of the Parties.

5. **Funding.**

(a) The Collaborator will provide an estimated \$122,093 in funds-in to the Program.

(b) The USGS requires an advance of \$0.00

(c) This agreement has been negotiated to be paid based on expenses incurred. The USGS will submit invoices to the Collaborator's administrative contact, identified in Article 9, on a quarterly basis. Invoices not paid within 60 days from date of bill for Local and State Government customers will bear Interest, and other fees required by Federal Law, at the annual rate pursuant the Debt Collection Act of 1982, (codified at 31 U.S.C. § 3717) established by the U.S. Treasury.

(d) The USGS is providing in-kind services valued at \$ 64,000.00 to the collaboration.

6. **Termination.** This Agreement may be terminated by either Party on 30 days written notice to the other. In the event of an early termination, the USGS shall be reimbursed for any completed work or work in progress on the Effective Date of Termination (i.e., when the Agreement actually terminates following the receipt of written notice from the other Party). Any unspent advanced funds will be returned to Collaborator. The USGS shall also supply a copy of the evaluations completed as of the Effective Date of Termination in the event of an early termination of the project.

7. **Publications/Reports.**

(a) Each Party is free to publish the non-proprietary or non-confidential information and data developed in the performance of this agreement. Before a Party submits the information and data for publication or otherwise intends to publicly release or disclose scientific information and data that is jointly developed, the Party shall have a review period of fifteen (15) business days to ensure that the draft publication or presentation does not contain Confidential or Proprietary Business Information. Upon expiration of the review period with no comments received from the other Party, the first Party will proceed with submission of the publication and presentation. The 15 days review period is provided as a courtesy to review the publications or presentations to ensure confidential or proprietary information is not disclosed and ensure that there is not inadvertent release of such information that could be used for a patent or invention application. All comments provided within the review period will be forwarded to the contacts identified in section 9. The Parties acknowledge that USGS is required to provide timely public access to the results of scientific information and data that does not contain sensitive protected information. This may include using machine-readable and open formats, data standards, and [common core and extensible metadata](#) for all new non-protected information created and collected in accordance with USGS

Fundamental Science Practice regarding the review, approval, and release of information set out in [Survey Manual Chapter 502.4 and 502.8, Fundamental Science Practices: Metadata for USGS Scientific Information Products Including Data](#), 502.7 and OMB M-13-13.

(b) Under the authority of 15 USC § 3710a (c)(7)(B), as amended, the Parties will have the opportunity, as part of the technical assistance, to identify protected research and development information, which is defined as information generated by the research which would have been proprietary information had it been obtained from a non-Federal entity. Each Party may designate as protected research and development information, any information generated by its own employees, and with the Agreement of the other Party, mark any information produced by the other Party's employees. Such protected research and development information shall be exempt from disclosure under 5USC § 552(b)(4). After the protected research and development information period has expired, the USGS may publish the results of the research as part of open literature (journal and proceeding articles) or as USGS open file reports.

(c) Generated information and results which have been created and marked as protected research and development information may be protected from release or disclosure for a period of two (2) years, unless an earlier date is agreed upon by the Parties.

8. **Proprietary Information/Intellectual Property/Background Intellectual Property.**

No intellectual property is expected as a result of the research/technical effort. Collaborator shall own all right, title, and interest in and to all information, results, and other intellectual property generated as a result of the research/technical efforts contemplated under this Agreement; provided, however, that each Party shall retain all right, title, and interest in its protected research and development information, as described in Section 7(b).

9. **Notices.** Any notice required to be given or which shall be given under this Agreement shall be in writing and delivered by first-class mail to the Parties as follows:

USGS:

Technical:

Robert Fisher
4165 Spruance Road, Suite 200
San Diego, CA 92101-0812
rfisher@usgs.gov
619-206-5686
<https://www.usgs.gov/centers/werc>

Collaborator:

Technical:

Kai Palenscar
380 East Vanderbilt Way
San Bernardino, CA 92408
kaip@sbumwd.com
(909) 387-9258
<https://www.sbumwd.com>

Administrative:

Brittany Jones
3090 State University Drive Suite 4004
Sacramento CA, 95819
Brittanyjones@usgs.gov
916-278-9479

Administrative:

Joanna Gibson
380 East Vanderbilt Way
San Bernardino, CA 92408
joannag@sbvmwd.com
909-387-9259

USGS DUNS: 025304002
SBVMWD DUNS: 054797683
SBVMWD EIN: 95-6005196
<https://www.sbvmwd.com>

Financial Contact Information for Collaborator:

Cindy Saks
380 East Vanderbilt Way
San Bernardino, CA 92408
cindys@sbvmwd.com
(909) 387-9224

10. **Independent Entity.** For purposes of this Agreement and all research and services to be provided hereunder, each Party shall be, and shall be deemed to be, an independent Party and not an agent or employee of the other Party. Each Party shall have exclusive control over its employees in the performance of the work. While in field locations, a Party's employees shall adhere to the safety and technical requirements imposed by the Party controlling the work site.

Neither Party shall have authority to make any statements, representations, or commitments of any kind, or take any action, which shall be binding on the other Party, except as may be explicitly provided for herein or authorized in writing. Neither Party may use the name of the other in advertising or other forms of publicity without the written permission of the other.

11. **Governing Law/Liability.**

(a) This Agreement is subject to interpretation under applicable State and Federal laws. Where there is inconsistency between the laws, Federal law is controlling. Each Party agrees to be responsible for the activities, including the negligence, of their employees. The USGS responsibility for the payment of claims for loss of property, personal injury, or death caused by the negligence or wrongful act or omission of a USGS employee, while acting within the scope of their employment, is limited to provisions of the Federal Tort Claims Act, 28 USC §§ 2671-80.

(b) The USGS and the Collaborator make no express or implied warranty as to the conditions of the research, merchantability or fitness for a particular purpose of the research, data, or resulting product incorporating data developed and exchanged under the SOW. These provisions shall survive the termination of the Agreement.

(c) Except as set forth in paragraph 11(a), the USGS shall not indemnify Collaborator or any third party against any liabilities, costs, attorney's fees, expenses, damages and losses (including any direct, indirect or consequential losses, loss of profit, loss of reputation and all interest, penalties, and legal costs and all other professional costs and expenses) suffered or incurred by Collaborator or any third party arising from the work conducted under this technical assistance agreement.

12. **Force Majeure.** Neither Party shall be liable for any unforeseeable event beyond its control, not caused by the fault or negligence of such Party, which causes such Party to be unable to perform its obligations under this Agreement, and which it is unable to overcome by the exercise of due diligence including, but not limited to, flood, drought, earthquake, storm, fire, pestilence, lightning, and other natural catastrophes; epidemic, war, riot, civil disturbance, or disobedience; strikes, labor disputes, or failure, threat of failure, or sabotage; or any order or injunction made by a court or public agency. In the event of the occurrence of such a force majeure event, the Party unable to perform shall promptly notify the other Party. It shall further use its best efforts to resume performance as quickly as possible and shall suspend performance only for such period of time as is necessary as a result of the force majeure event.

13. **Entire Agreement.** This Agreement contains all of the terms of the Parties and supersedes all prior Agreements and understandings related thereto. This Agreement can be changed or amended only by a written instrument signed by the Parties. Due to the specialized nature of the work, this Agreement is non-assignable by both Parties.

14. **Disputes.** The signatories to this Agreement shall expend their best efforts to amicably resolve any dispute that may arise under this Agreement. Any dispute that the signatories are unable to resolve shall be submitted to the Director of the USGS or his/her designee and the CEO/General Manager of the Collaborator or his/her designee for resolution. If no resolution is reached, the parties agree that the courts of the United States shall have jurisdiction over any claims arising out of work under this agreement.

15. **Miscellaneous Provisions.**

(a) Anti-Deficiency Act. Pursuant to the Anti-Deficiency Act, 31 U.S.C. §§ 1341 (a)(1)(A) and (B) and 31 USC § 1517(a), nothing herein contained shall be construed as binding the USGS to expend in any one fiscal year any sum in excess of its appropriations or funding in excess of what it has received for the collaborative work outlined in the SOW or involving the Federal government in any obligation to pay money before funds have been appropriated for that purpose unless otherwise allowed by law.

(b) Import/Export. The use and dissemination of Information and materials exchanged under this Agreement will be in accordance with all U.S. laws and regulations, including those pertaining to national security and export control. Nothing in this Agreement shall be construed as a license to export Information or to permit any disclosure in violation of law, regulation, or Department of Interior policy. The exporting Collaborator is responsible for obtaining any export licenses that may be required by U.S. Federal law.

(c) Third Parties. The Parties acknowledge and agree to allow disclosure of Proprietary Information or Background Intellectual property to third parties (such as, students, contractors, subcontractors

and or consultants) or external collaborators for the purposes of carrying out this Agreement. If a Party engages a new third party to perform any portion of the SOW after the Effective Date of this Agreement, such Party will notify the other Party and provide information about the third-Party involvement within 7 days of engagement. However, these participants are not Parties to the Agreement. The Parties agree that they will comply with and advise any third parties they have engaged to conduct the Agreement activities to comply with, all applicable Executive Orders, statutes, and regulations. The Parties agree that they will ensure that third party participants are under written obligation not to disclose Proprietary Information or Background Intellectual Property, except as required by law or court order, before the third parties have access to any Proprietary Information or Background Intellectual Property. No foreign personnel shall be engaged by the Collaborator as a contractor, consultant, grantee or third-party collaborator for the performance of any work under this TAA without first identifying the individual, his country of origin, and the work to be performed to USGS so that USGS may determine whether the agency requires advanced approval by an authorized agency official before working with the foreign contractor, consultant, grantee or third-party collaborator, and whether any data, technology or products shared with or used by a foreign contractor, consultant, grantee or third-party collaborator as part of the technical assistance under this agreement are in accordance with all U.S. laws and regulations, including national security export controls and U.S. Department of State regulations and policies.

(d) The Exhibits, Forms, or Special Terms requested by the Collaborator are accepted to the extent that such terms do not conflict with applicable Federal laws and regulations.

16. **Survivability.** The following provisions shall survive the termination of this Agreement: 7. Publications/Reports, 8. Intellectual Property and Background Intellectual Property and 14. Disputes.

IN WITNESS WHEREOF, the Parties have caused this Agreement to be executed on the last date listed below.

U.S. GEOLOGICAL SURVEY

COLLABORATOR

By: _____

By: _____

Name: A. Keith Miles

Name: Heather Dyer

Title: Center Director

Title: CEO/General Manger

Date: _____

Date: _____

Attachment A: Statement of Work
Upper Santa Ana River Habitat Conservation Plan Biological Support
Program

Task 1. Updated population survey for Santa Ana Speckled Dace in the HCP Plan Area

AUTHORS:

Adam R. Backlin, Elizabeth A. Gallegos, and Robert N. Fisher, U.S. Geological Survey, Western Ecological Research Center, San Diego Field Station, 4165 Spruance Road, Suite 200, San Diego CA 92101

BACKGROUND AND JUSTIFICATION:

The Santa Ana speckled dace is a covered species in the Upper Santa Ana River HCP and is one of only three native fishes remaining in the watershed. In southern California, dramatic declines have occurred due to habitat loss, altered hydrology, and the effects of fire/flood regimes in the upper watershed creeks of the San Bernardino National Forest. However, the status and distribution of this species is known from scattered surveys and reports.

OBJECTIVES:

USGS will compile all known information on the status and distribution of speckled dace in the Santa Ana River watershed and develop contemporary and historic distribution maps. Surveys will be conducted to fill in gaps and better define local distribution from recent surveys to establish presence/absence, demographics, and remaining suitable habitat. At locations where surveys take place, genetic samples will be collected for future genetic analysis and a threat assessment will be developed.

PRODUCTS:

Results for Task 1 will include:

- A species list for all survey locations.
- Detailed maps of site locations and locations of Speckled Dace within reaches.

DELIVERABLE:

Data Summary will be completed by December 31, 2021.

Funding: SBVMWD = 23,215.72; USGS (in-kind) = \$0; Total = \$23,215.72

BUDGET:

FY21	USGS BUDGET
Field	
Field surveys	\$ 7,198.59
Vehicles	\$ 300.00
Field equipment	\$ 674.92
Lab/Office	
Coordination/data management/meetings	\$ 1,340.64
Report/Deliverables	
Report writing	\$ 5,734.27
Subtotal	\$ 15,248.42
*Indirect rate	\$ 7,967.30
SBVMWD	\$ 23,215.72

*The indirect rate is subject to change annually per agency authority in alignment with the federal fiscal year.
 Unanticipated changes to the bureau overhead rate will not affect the overall value of the agreement.
 Bureau approved NICRA documentation will be submitted to document any fluctuation.

Task 2. Mountain yellow-legged frog conservation actions, Santa Ana River, 2021

AUTHORS:

Adam R. Backlin, Elizabeth A. Gallegos, and Robert N. Fisher, U.S. Geological Survey, Western Ecological Research Center, San Diego Field Station, 4165 Spruance Road, Suite 200, San Diego CA 92101

BACKGROUND AND JUSTIFICATION:

Populations of mountain yellow-legged frogs (*Rana muscosa* - MYLF) have declined considerably in southern California over the past several decades. Currently, populations of MYLF occur in the Angeles (ANF) and San Bernardino National Forests (SBNF). The U.S. Geological Survey (USGS) has been monitoring the remaining populations of the southern clade of this species since the late 1990s. This work includes restoration and monitoring surveys focused on assessing population size and animal health.

Surveys and restoration work in 2021 will be a continuation of our 21-year conservation effort. The information gained from these surveys will be applied to the recovery actions currently implemented by the Southern California MYLF Working Group. This group is composed of representatives from the U.S. Fish and Wildlife Service (USFWS), USGS, ANF, SBNF, California Department of Fish and Wildlife (CDFW), the Los Angeles Zoo, the San Diego Zoo's Institute for Conservation Research, Henry Doorly Zoo, Santa Ana Zoo, and the James San Jacinto Mountains Reserve, U.C. Natural Reserve System. Surveys will allow us to monitor current population trends and die-offs.

Most of the work for 2021 will be funded through a California Department of Fish and Wildlife, Section 6 grant. This proposal is intended to augment gaps in the CDFW Section 6 grant to better replicate work for the MYLF completed in previous years.

OBJECTIVES:

USGS will be conducting three surveys types in 2021, monitoring, habitat suitability assessment, and MYLF releases. We will monitor known populations of the MYLF within the Santa Ana River watershed during three surveys at each of the following sites; City Creek (East Fork), Fuller Mill Creek, Dark Canyon, and Hall Canyon. The focus of these surveys is to collect data on frog demographics, distribution, and population size. Data will also be collected on disease, water quality, habitat parameters, and site disturbances. USGS will be assessing habitat suitability for the MYLF at additional sites for potential future translocations. Lastly, we will be assisting with releases of captively produced MYLF within the Santa Ana River watershed, which will be discussed and agreed upon by the MYLF Working Group.

PRODUCTS:

Results for Task 2 will include:

- A species list for all survey locations.
- Detailed maps of site locations and locations of MYLF within reaches.
- Locations, dates, and numbers of MYLF released.
- Results of MYLF Bd (chytrid fungus) swab results.

DELIVERABLE:

A summary of this work will be included in the end of calendar year reporting requirements for the CDFW Section 6 grant. A copy of the report will be provided to SBVMWD.

Funding: SBVMWD = \$64,107.80; USGS (in-kind) = \$64,000; Total = \$128,107.80

BUDGET:

FY21	SBVMWD	USGS (in-kind)	Project Total
Field			
Field surveys	\$ 25,195.06	\$ 35,334.52	
Vehicles	\$ 1,050.00	\$ 1,500.00	
Travel	\$ 952.50	\$ 3,672.00	
Field equipment	\$ 1,938.14	\$ 1,891.00	
Lab/Office			
Coordination/data management/meetings	\$ 4,087.25	\$ 5,523.19	
Report/Deliverables			
Report writing	\$ 8,883.98	\$ 2,971.09	
Subtotal	\$ 42,106.93	\$ 50,891.80	
*Indirect rate	\$ 22,000.87	\$ 13,108.20	
TOTAL	\$ 64,107.80	\$ 64,000.00	\$ 128,107.80

*The indirect rate is subject to change annually per agency authority in alignment with the federal fiscal year.

Unanticipated changes to the bureau overhead rate will not affect the overall value of the agreement.

Bureau approved NICRA documentation will be submitted to document any fluctuation.

THIS AGREEMENT MAY CONTAIN CONFIDENTIAL AND PROPRIETARY INFORMATION. DO NOT DISSEMINATE OUTSIDE OF THE PARTIES TO THIS AGREEMENT.

Task 3. Technical Support within the HCP Plan Area, Santa Ana River

USGS Researchers:

Adam R. Backlin, Elizabeth A. Gallegos, Kristine Preston, and Robert N. Fisher, U.S. Geological Survey, Western Ecological Research Center, San Diego Field Station, 4165 Spruance Road, Suite 200, San Diego CA 92101

OBJECTIVES:

USGS staff will provide technical expertise via attendance at meetings and review of monitoring plans in support of the development of the Upper SAR HCP’s long-term monitoring and adaptive management plan: Comprehensive Adaptive Management and Monitoring Plan. USGS staff will provide specific input on species profiles, short and long-term monitoring techniques and methodologies, goals and objectives, data analysis, and management actions.

PRODUCTS:

There are no specific products identified for Task 3. Rather, USGS will provide support through peer review of technical documents and attendance at meetings to discuss development of the technical documents.

Funding: SBVMWD = \$34,769.48; USGS (in-kind) = 0; Total = \$34,769.48

BUDGET:

FY21	USGS BUDGET
Office	
Technical support/meetings	\$ 22,837.10
Subtotal	\$ 22,837.10
*Overhead	\$ 11,932.38
SBVMWD	\$ 34,769.48

*The indirect rate is subject to change annually per agency authority in alignment with the federal fiscal year.

Unanticipated changes to the bureau overhead rate will not affect the overall value of the agreement.

Bureau approved NICRA documentation will be submitted to document any fluctuation.

THIS AGREEMENT MAY CONTAIN CONFIDENTIAL AND PROPRIETARY INFORMATION. DO NOT DISSEMINATE OUTSIDE OF THE PARTIES TO THIS AGREEMENT.



DATE: August 17, 2021

TO: Board of Directors

FROM: Wen Huang, Chief Engineer/Deputy General Manager

SUBJECT: Consider Scope Enhancements to Borden Excavating, Inc. Construction Contract for the Waterman Hydroelectric Project

Staff is requesting the Board to consider a scope enhancement and amendment to the existing contract with Borden Excavating, Inc. for the Waterman Hydroelectric Project. The enhancements are for cleaning of the Waterman Basins to improve water recharge. Routine maintenance of the existing basins is necessary to improve recharge performance and limit excessive algal growth in the basins. The scope of work consists of clearing and grubbing the basin floors and side slopes to remove vegetation, and excavating to a depth below the silt and clay clogging layers with a not-to-exceed cost of \$400,000. This item was discussed with the Board of Directors at a Workshop on July 13, 2021, at a Board Meeting on July 20, 2021, and most recently at the August 12, 2021 Policy Workshop.

Background

Valley District has been recharging water in San Bernardino County Flood Control (Flood Control) detention basins, when they are not needed for flood control, since the 1970s. The Waterman Basins, owned and operated by Flood Control District, is one of the primary State Water Project water recharge basins for the San Bernardino Basin Area. Since 2010, Valley District has recharged, on average, 11,205 acre-feet of SWP water per year. Waterman Basins account for one of Valley District's most relied upon basins for recharging water in the San Bernardino Basin area. In order to improve recharge performance of the basins and limit algal growth in the basins, routine maintenance and clearing is necessary. Due to differences between Valley District's mission for recharge and Flood Control's mission for flood attenuation, the proposed cleanup work will be focused on activities specifically designed to benefit our recharge operations. In addition, these proposed clean-up activities will help

further utilize the newly installed hydroelectric facility at Waterman Basins, of which Valley District and the City of San Bernardino have made substantial investments to date.

To help facilitate these maintenance efforts, environmental permits are required. Valley District Staff worked with Jericho Systems to obtain the necessary CEQA documentation and required regulatory permits from the Corps, Regional Board, and CDFW, in order to maintain the Waterman Basins for water recharge. Routine maintenance activities that maximize recharge potential include scraping and removing fine sediments, vegetation, or aquatic algae from the bottoms and side slopes of the basins. Our permits are limited to the described activities that enable effective recharge operations.

On September 29, 2020 Valley District entered into an agreement with Borden Excavating, Inc. for the construction of Waterman Hydroelectric facility for a price of \$2,252,500. In addition, the Board approved a contingency amount up to 10% of the contract amount, or \$225,250. There have been two change orders authorized on this project, to date.

Staff is proposing to issue another change order to the Waterman Hydroelectric Project to Borden Excavating, Inc. in the amount of \$400,000 for the Waterman Basins Cleaning Project. Due to seasonal constraints, the work may only be performed after the end of the bird nesting season (usually in August or early September) but before the beginning of the rain season (October). The benefit of issuing a change order to Borden Excavating, Inc. is primarily that it reduces mobilization costs and enables the District to begin clearing of the basins immediately upon receiving a construction permit from Flood Control and clearance from bio-monitoring surveys for nesting birds.

The scope of Services, as proposed in the design drawings prepared by Scheevel Engineering, is to clear and grub the basin floors and side slopes to remove vegetation, excavate to a depth below the silt and clay clogging layers, groom the basin bottoms once final cut depth has been established, and dispose of all materials off-site. Staff proposes to have Borden Excavating bill on a time-and-materials basis, not-to-exceed \$400,000.

This basin cleaning work will be done in compliance with existing five-year permits received from the California Department of Fish and Wildlife and U.S. Army Corps of Engineers, which expire in March 2022. Given the potential constraints on storm season, nesting birds, and existing permit terms, the best and only window of opportunity for the cleanup work, prior to the expiration of the permit, is between late August 2021 and early October 2021.

Fiscal Impact:

Fiscal Impact for this item would be up to \$400,000, which was included in the approved General Fund Budget for Fiscal Year 2021-2022 under budget expense category 6280, Field Improvements. Valley District will be reimbursed for all costs incurred through the San Bernardino Basin Groundwater Council.

Recommendation:

Authorize the CEO/General Manager to execute a contract amendment with Borden Excavating, Inc., not-to-exceed \$400,000, to complete basin maintenance activities in the Waterman Basins.

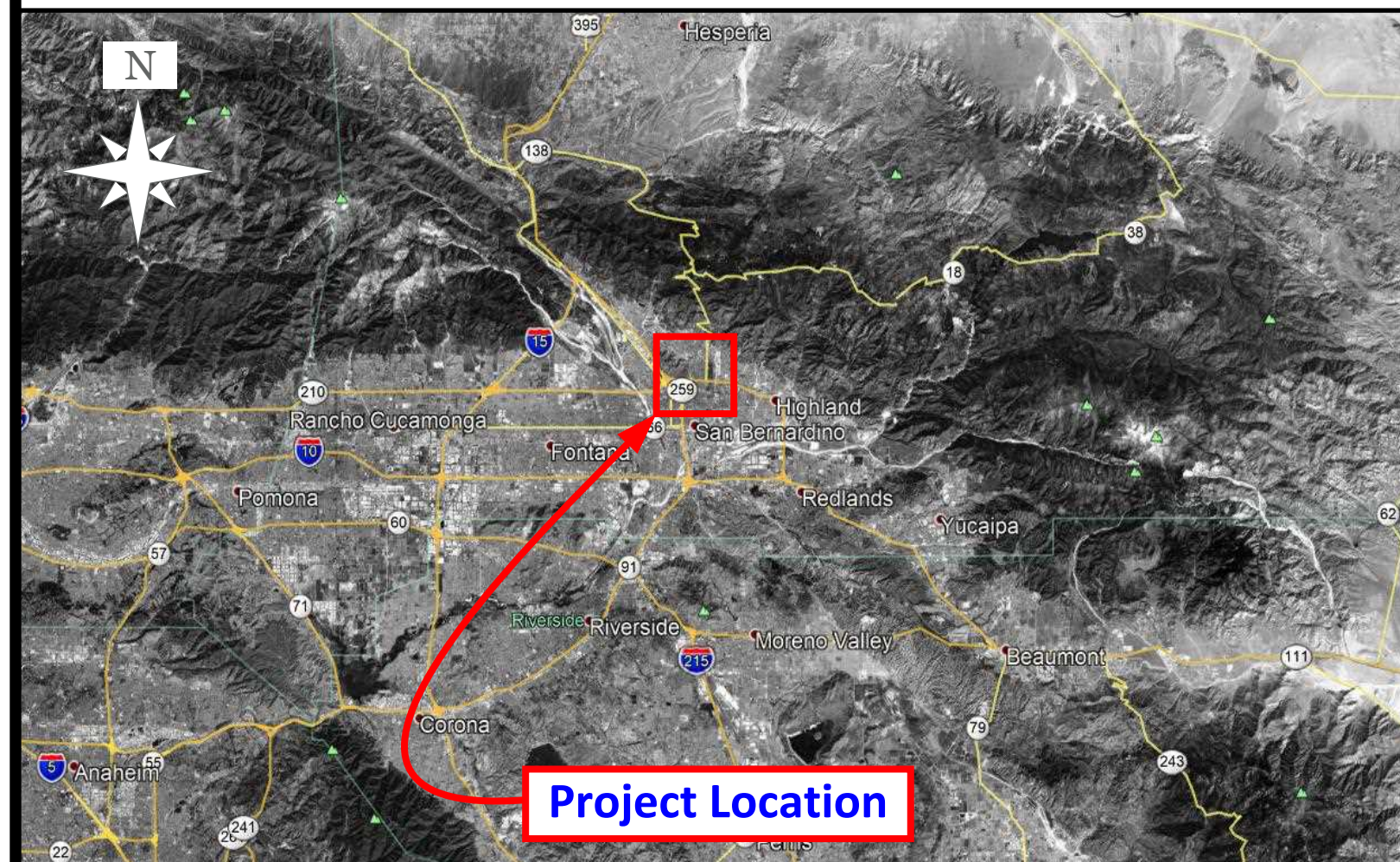
Attachments:

- 100% Construction Drawings
- Site Location Map

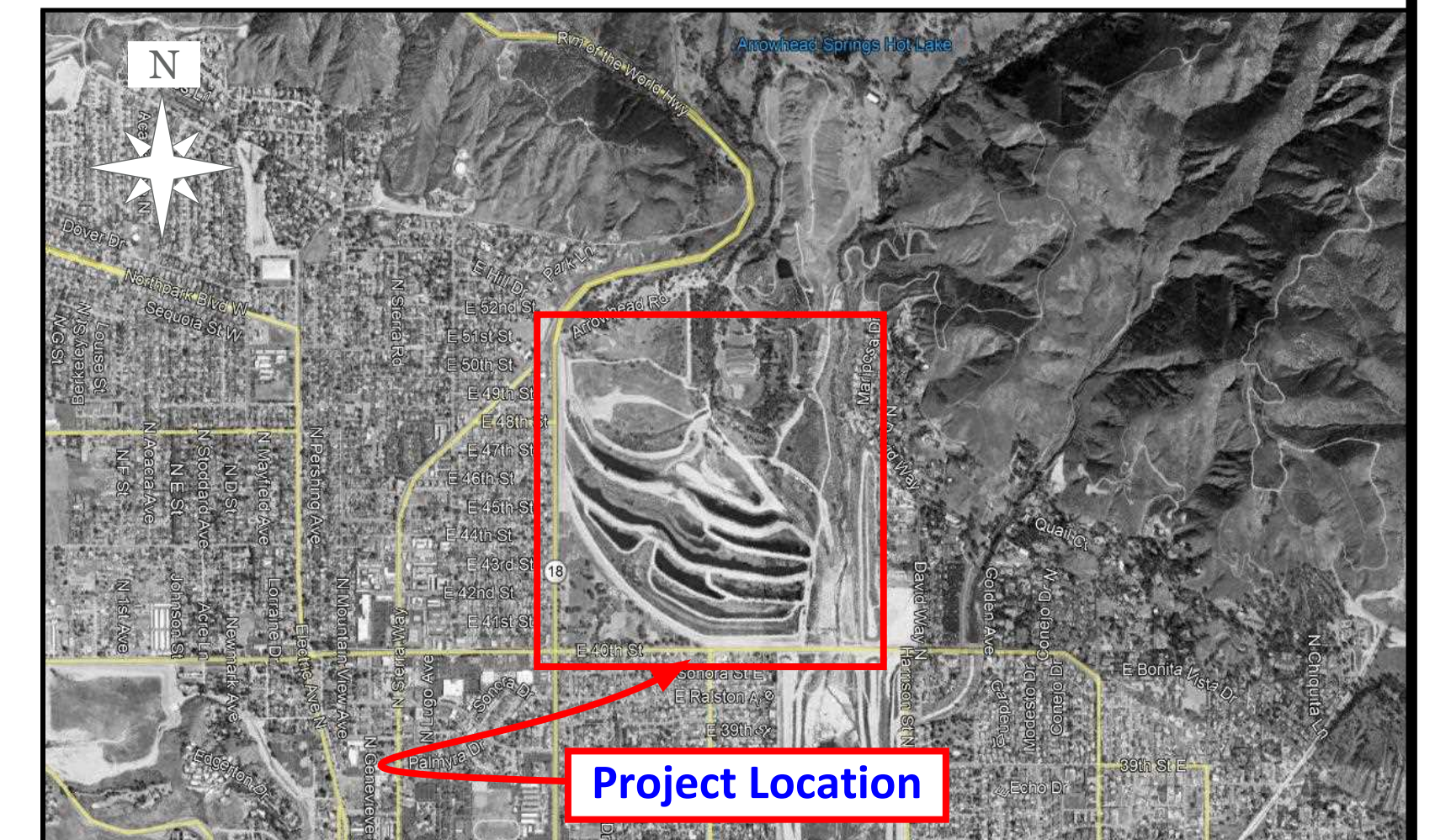
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT

100% CONSTRUCTION DRAWINGS FOR WATERMAN BASIN: CLEANING PROJECT 2021

AUGUST 2021
Project No. 1808



Vicinity Map
NOT TO SCALE



Location Map
NOT TO SCALE



NO.	REVISION	DATE	APP'D

Scheevel Engineering
P.O. Box 28745
Anaheim, CA 92809
Phone: (714) 470-9045
Email: nathanscheevel@yahoo.com



PROJ NO:	1808
DESIGNED BY:	Nate S.
DRAWN BY:	Nate S.
CHECKED BY:	Nate S.
REVIEWED BY:	Nate S.



WATERMAN BASIN CLEANING PROJECT 2021

COVER SHEET

G - 01

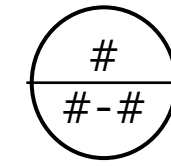
SHEET 1 OF 9

DWG. NO. _____
CONTRACTOR: _____
COMPLETION DATE: _____

Abbreviations

APN	assessor parcel number
cfs	cubic feet per second
ef	each face
ft	feet
in	inches
lbs	pounds
oc	on center
ocew	on center each way
oz	ounces
pcf	pounds per cubic foot
psi	pounds per square inch
R/W	right-of-way
SBCFCD	San Bernardino County Flood Control District
sq ft	square foot
sq yd	square yard

Standard Symbols



Detail Number
Detail Sheet Number

Material Specifications

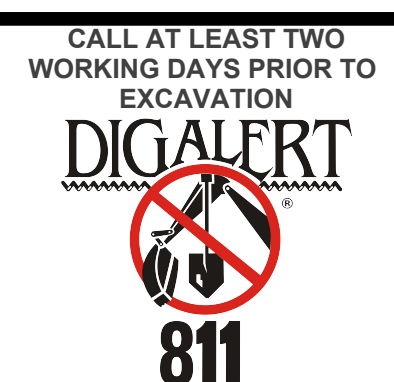
- 1) **Access Road Aggregate**
Any required new access road aggregate will be SBVMWD and SBCFCD approved equal to what is currently existing onsite. Contractor will provide aggregate samples and material submittals prior to import of any materials.

Sheet Index

<u>Drawing</u>	<u>Sheet No.</u>	<u>Description</u>
G-01	1	Cover Sheet
G-02	2	Project Notes
G-03	3	Symbols & Contacts
G-04	4	Basin Cleaning Notes
G-05	5	Site Overview
C-01	6	Site Plan 1
C-02	7	Site Plan 2
C-03	8	Elevation Plan
C-04	9	Cross Section

Contact Index

San Bernardino Valley Municipal Water District	(909) 387 - 9200
San Bernardino County Flood Control District	(909) 387 - 7910
Scheevel Engineering	(714) 470 - 9045



Scheevel Engineering
P.O. Box 28745
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Phone: (714) 470-9045
Email: nathanscheevel@yahoo.com



PROJ NO:	1808
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DRAWN BY:	Nate S.
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REVIEWED BY:	Nate S.



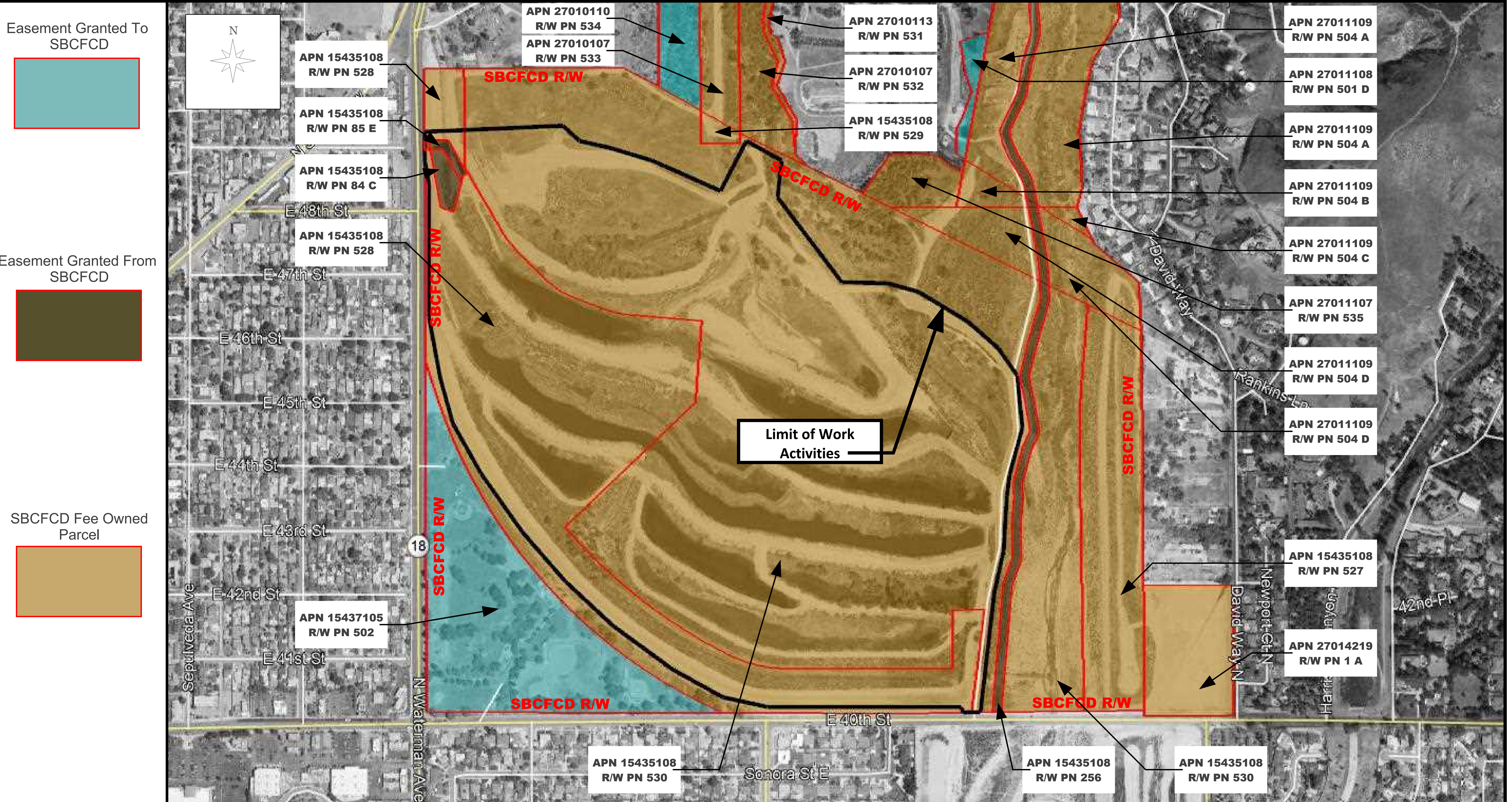
WATERMAN BASIN CLEANING PROJECT 2021

SYMBOLS & CONTACTS

G - 04

SHEET 4 OF 9

DWG. NO. _____
CONTRACTOR: _____
COMPLETION DATE: _____



A Overall Site View
G-05 Not To Scale

CALL AT LEAST TWO WORKING DAYS PRIOR TO EXCAVATION DIGALERT 811									
NO.	REVISION	DATE	APP'D						

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PROJ NO:	1808
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REVIEWED BY:	Nate S.



WATERMAN BASIN CLEANING PROJECT 2021

SITE OVERVIEW

G - 05

 SHEET 5 OF 9

DWG. NO. _____
 CONTRACTOR: _____
 COMPLETION DATE: _____

Basin Clear, Grubb & Cleaning Areas

Basin ID	Area (acres)
2E	8.53
2W	11.50
2A	6.14
2B	2.95
2C	5.99
3E	10.60
3W	9.23
3A	5.95
3B	4.69
3C	8.27
3D	3.20
Total	77.05



Basin Clear & Grubb & Basin Cleaning Extents Highlighted In Green

B Clear, Grubb & Clean Site View
C-01 Not To Scale



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REVIEWED BY:	Nate S.



WATERMAN BASIN CLEANING PROJECT 2021

SITE PLAN 1

C - 01

SHEET 6 OF 9

DWG. NO.
 CONTRACTOR:
 COMPLETION DATE:

Basin Grooming Areas

Basin ID	Area (acres)
2E	3.86
2W	2.98
2A	2.89
2B	1.18
2C	1.37
3E	5.80
3W	3.38
3A	2.70
3B	2.64
3C	5.17
3D	1.70
Total	33.67



Basin Grooming Extents Highlighted In Blue

C
C-02 Grooming Site View
Not To Scale

NO.	REVISION	DATE	APP'D

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PROJ NO:	1808
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DRAWN BY:	Nate S.
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REVIEWED BY:	Nate S.



WATERMAN BASIN CLEANING PROJECT 2021

SITE PLAN 2

C - 02

SHEET 7 OF 9

DWG. NO. _____
CONTRACTOR: _____
COMPLETION DATE: _____

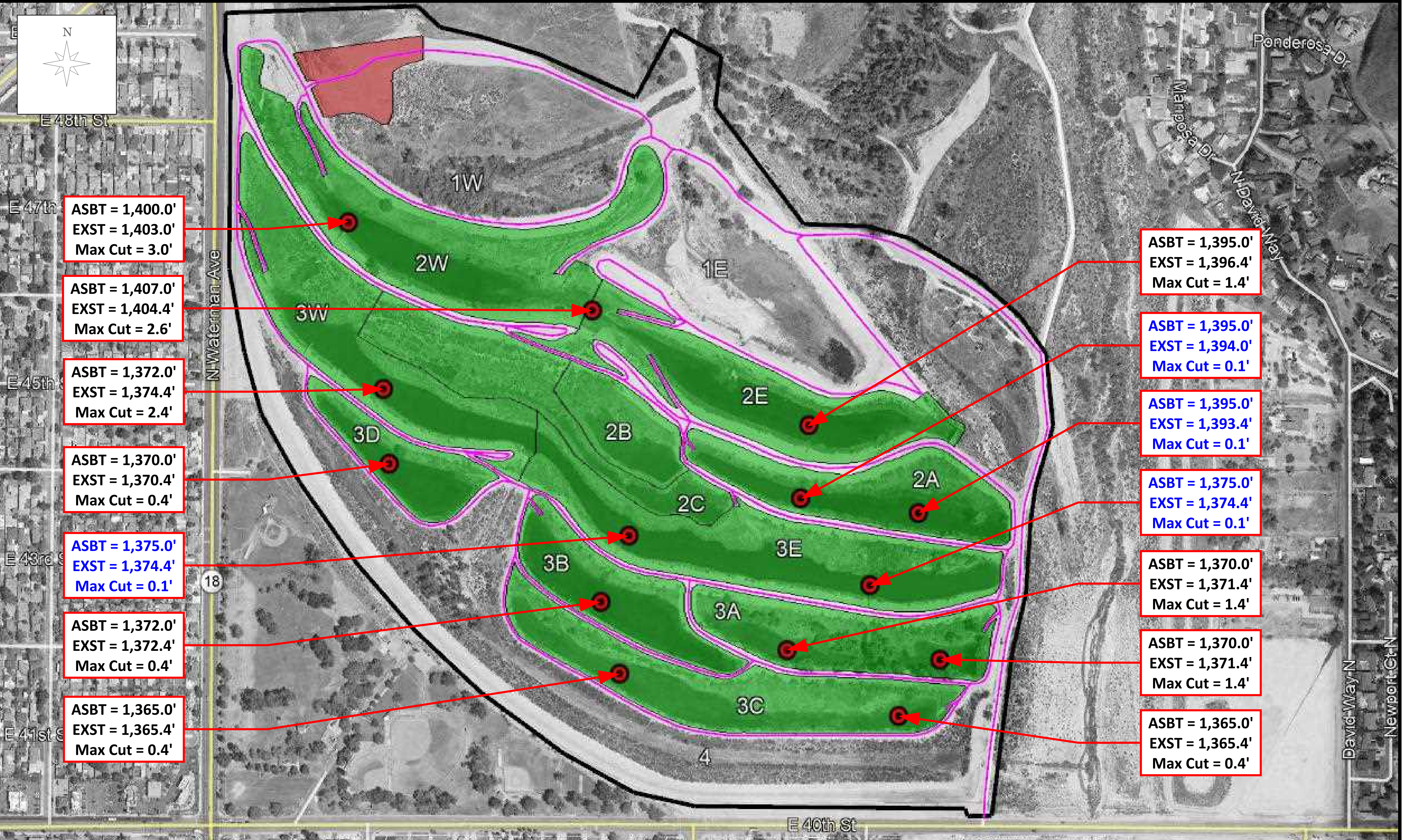
All Elevations In
NGVD29 Vertical Datum

As-Built (ASBT)
Elevations Taken From
SBCFCD 1937, USACE
1960 and SBCFCD
1962 As-Builts

Existing (EXST)
Elevations From
SBVMWD 2020 Lidar
Data Set

All elevations and max
cuts are approximate.
Final cut depths will be
determined in the field
during construction,
with intent to not cut
deeper than original as-
built elevations and/or
previous cleanings /
reconfigurations.

Locations where
EXST elevations are
lower than ASBT
elevations will receive
a light (approx. 0.1')
cut to remove surface
vegetation and
surface silt / clay.



ASBT = 1,400.0'
EXST = 1,403.0'
Max Cut = 3.0'

ASBT = 1,407.0'
EXST = 1,404.4'
Max Cut = 2.6'

ASBT = 1,372.0'
EXST = 1,374.4'
Max Cut = 2.4'

ASBT = 1,370.0'
EXST = 1,370.4'
Max Cut = 0.4'

ASBT = 1,375.0'
EXST = 1,374.4'
Max Cut = 0.1'

ASBT = 1,372.0'
EXST = 1,372.4'
Max Cut = 0.4'

ASBT = 1,365.0'
EXST = 1,365.4'
Max Cut = 0.4'

ASBT = 1,395.0'
EXST = 1,396.4'
Max Cut = 1.4'

ASBT = 1,395.0'
EXST = 1,394.0'
Max Cut = 0.1'

ASBT = 1,395.0'
EXST = 1,393.4'
Max Cut = 0.1'

ASBT = 1,375.0'
EXST = 1,374.4'
Max Cut = 0.1'

ASBT = 1,370.0'
EXST = 1,371.4'
Max Cut = 1.4'

ASBT = 1,370.0'
EXST = 1,371.4'
Max Cut = 1.4'

ASBT = 1,365.0'
EXST = 1,365.4'
Max Cut = 0.4'

D
C-03 Elevation Points
Not To Scale



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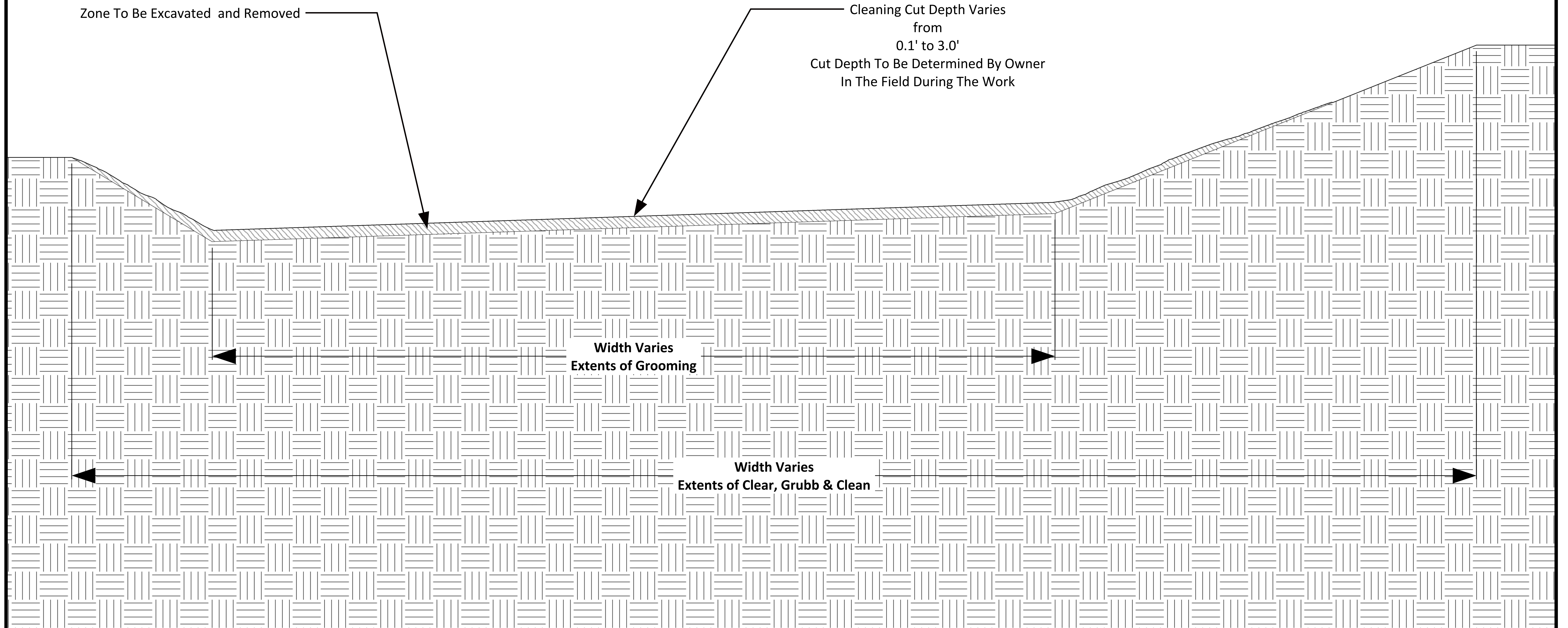


WATERMAN BASIN CLEANING PROJECT 2021
ELEVATION PLAN

C - 03
SHEET 8 OF 9

DWG. NO.
CONTRACTOR:
COMPLETION DATE:

Approximate Volume Of Soil To Be Excavated, Removed & Disposed of = 10,000 to 30,000 cubic yards
(Does Not Include Vegetation Volume)



E
C-04 Cross Section - Sample View
Not To Scale



NO.	REVISION	DATE	APP'D

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REVIEWED BY:	Nate S.



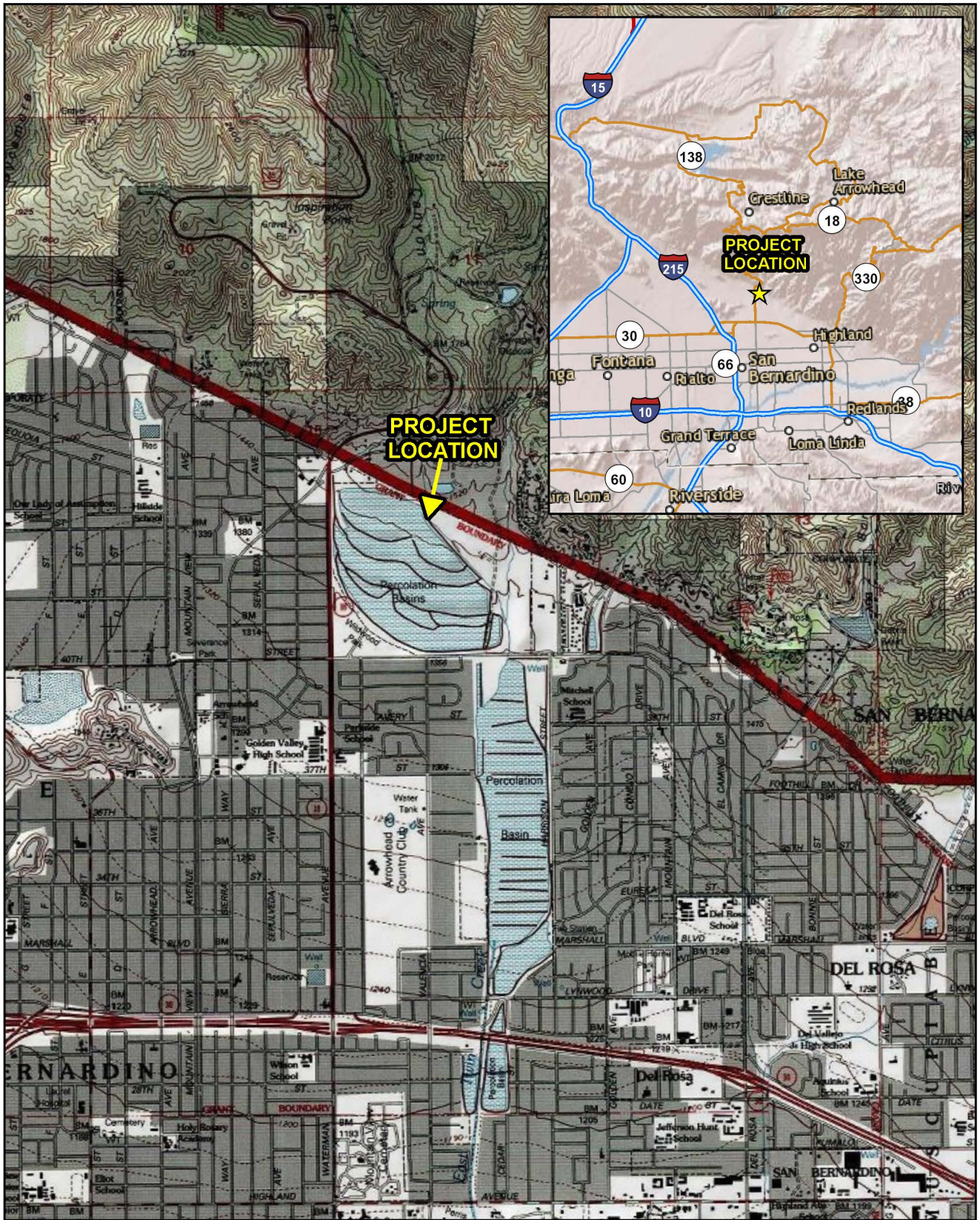
WATERMAN BASIN CLEANING PROJECT 2021

CROSS SECTION

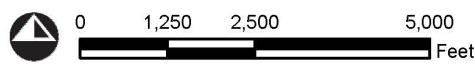
C - 04

SHEET 9 OF 9

DWG. NO.
CONTRACTOR:
COMPLETION DATE:

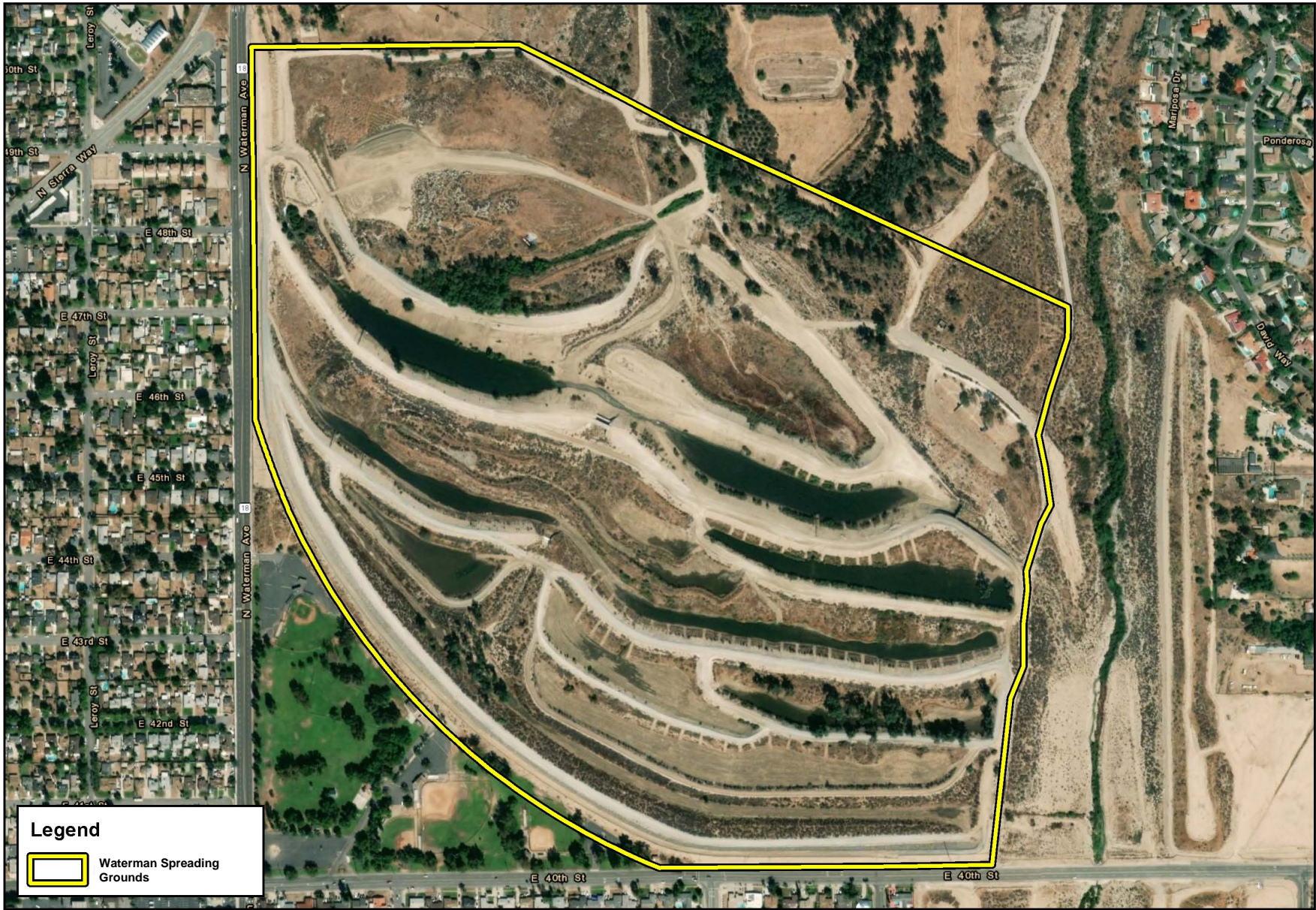


WATERMAN BASIN SPREADING GROUNDS

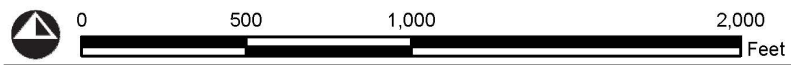


Regional Vicinity

Source: Federal Highway Administration, US Department of Transportation, USA Topographic Map, San Bernardino County



WATERMAN BASIN SPREADING GROUNDS



Source: ESRI Aerial Imagery, San Bernardino County

Project Site



DATE: August 17, 2021
TO: Board of Directors
FROM: Bob Tincher, Chief Water Resources Officer/Deputy General Manager
SUBJECT: State Water Project Report

Staff is proposing to provide the Board with a monthly report on topics, related to the State Water Project. This month, the topics that staff would like to highlight for the Board are:

1. 2021 Drought

- a. The State Water Resources Board approved an emergency curtailment regulation that would start near the middle of August and is intended to preserve stored water for drinking water supplies, to prevent salinity intrusion and to minimize impacts to fisheries and the environment. Of the 6,600 water right holders in the Delta watershed, approximately 5,700 could be ordered to curtail diversions. The remainder, who hold older water rights or riparian rights, could also be subject to curtailment if conditions worsen. The regulation carves out an exemption for health and human safety purposes, meaning water for drinking, bathing and domestic purposes. This curtailment comes on the heels of similar curtailment orders issued to nearly 900 water users along the drought-stricken Russian River, with 222 more expected. The state has only curtailed water rights three times before this drought — the '76-'77 water year, 2014 and 2015.
- b. Lake Oroville reached a new historic low elevation of 642.73 feet of water, falling below the previous historic low of 645 feet recorded in September 1977. The Department of Water Resources is working to ensure that a “minimal amount” of

water supply will be available for critical water uses in case drought conditions continue into 2022.

- c. DWR has taken the Hyatt Powerplant at Lake Oroville offline due to falling lake levels. This is the first time Hyatt Powerplant has gone offline as a result of low lake levels.
- d. Current statistical modeling by DWR, influenced heavily by reservoir storage levels, is suggesting an initial Table A allocation of 5% for 2022.

2. Delta Conveyance

- a. Graham Bradner was promoted from Interim Executive Director to Executive Director
- b. Staff is in discussions with Metropolitan Water District of Southern California, Irvine Ranch Water District and others to model the Delta Conveyance project and Sites Reservoir project together. The goal of the modeling is to quantify the impacts to the Sites Reservoir project if the Delta Conveyance project was not built and to identify a delivery schedule(s) that would optimize the use of Sites Reservoir. Possible participation in the cost of this modeling will be brought to the Board for consideration.

3. Sites Reservoir

- a. A Letter of Interest was submitted to EPA on July 22, 2021 requesting approval of a \$600M WIFIA project loan
- b. The State Water Contractors that receive much of their revenue for the State Water Project (SWP) through property taxes, including Valley District, are working with the Department of Water Resources (DWR) on an agreement that would enable DWR to bill them for their respective Sites Reservoir Costs along with their other SWP costs. It is anticipated that this agreement will come to the Board, for consideration, in October.

Staff Recommendation

Receive and file.



DATE: August 17, 2021
TO: Board of Directors
FROM: Matt Howard, Water Resources Senior Planner
SUBJECT: Operations Report for July 2021

ANNUAL SUPPLIES AND DELIVERIES AS OF JULY 2021

<i>SUPPLY</i>	<i>AMOUNT (Acre-Feet)</i>	<i>DELIVERIES TO DATE</i>	<i>BALANCE</i>
Carryover	16,707	9,167	7,540
Table A	5,130	0	5,130
Yuba Accord	1,567	0	1,962
Subtotal SWP	23,404	9,167	14,632
TOTAL	23,404	9,167	14,237

MONTHLY DELIVERIES FOR JULY 2021

<i>CUSTOMER</i>	<i>DELIVERY POINT</i>	<i>AMOUNT (Acre-Feet)</i>
SBB - Groundwater Council	Sweetwater/Badger/Waterman/City Creek/Plant 134/Santa Ana Low/Mill Creek	0
SBB - Groundwater Council	Plant 134	0
West Valley Water District	Lytle Creek	851
Yucaipa Valley Water District	Yucaipa / Wilson	604
Bear Valley Mutual Water Company	Newport/ZT/Tres Lagos /BB/ SARC	429
SB County Regional Parks	Yucaipa Regional Park	52
Greenspot Mutual Water Company	Newport Turnout/ Tres Lagos	5
City of Redlands	SARC/Mill Creek	0
BLF Obligation - RHWC & Rialto	Waterman/Badger/Sweetwater	0
East Valley Water District	Plant 134 / North Fork	235
East Valley Water District	Santa Ana Low	0
San Bernardino City	Waterman/Badger/Sweetwater	0
Valley District	Sweetwater / Waterman	0
Valley District	Yucaipa / Wilson Basin	0
Valley District	SARC/Mill Creek	0
CLAWA Sale (SWPAO#07-025)	CLAWA's Silverwood Lake Turnout	50
Storage		24
TOTAL FOR JULY		2,250

San Bernardino Basin Wells

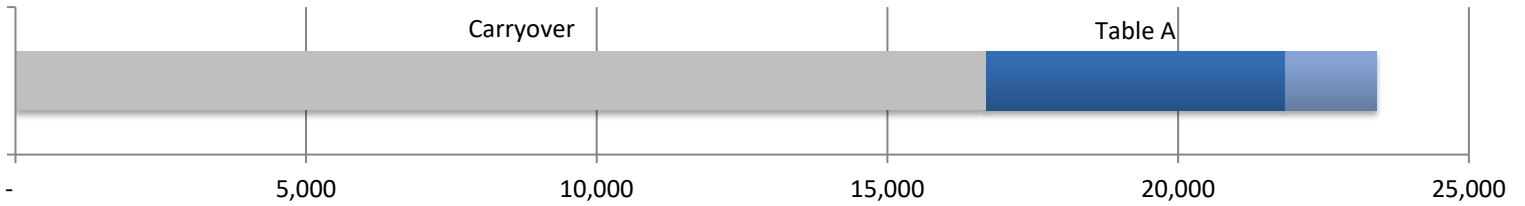
Valley District extracted 378 acre-feet of groundwater from the San Bernardino Basin at the Baseline Feeder Replacement wells for delivery to West Valley Water District, City of Rialto and 0.0 acre feet delivered to City of Redlands from the San Bernardino Ave. Well.



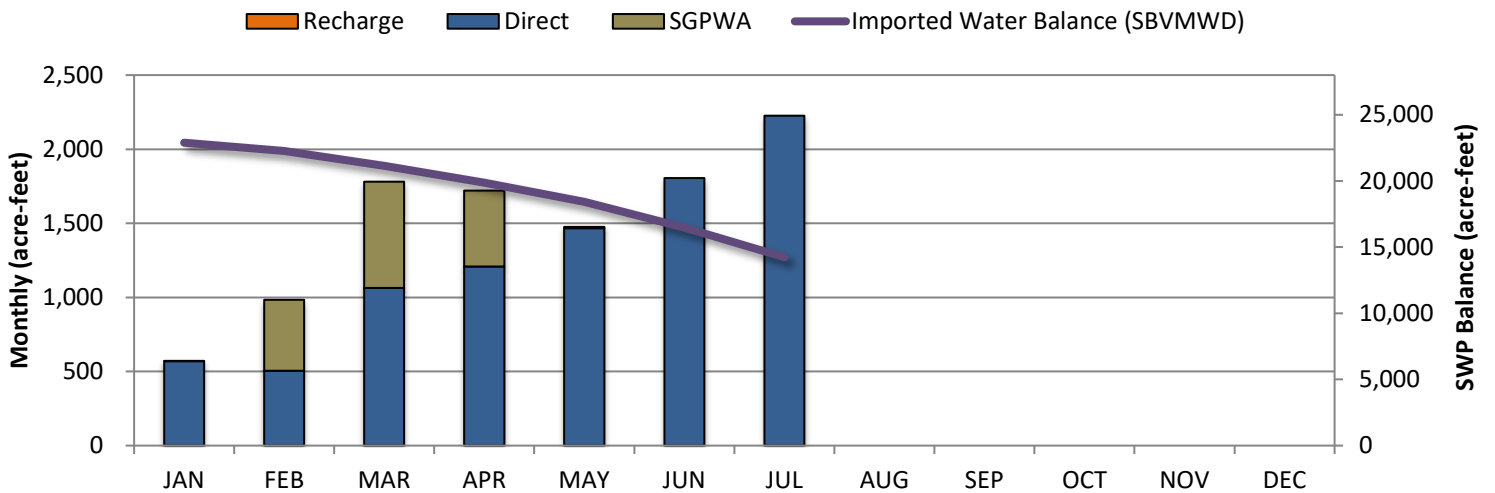
San Bernardino Valley Municipal Water District

Calendar Year 2021 -- Acre Feet

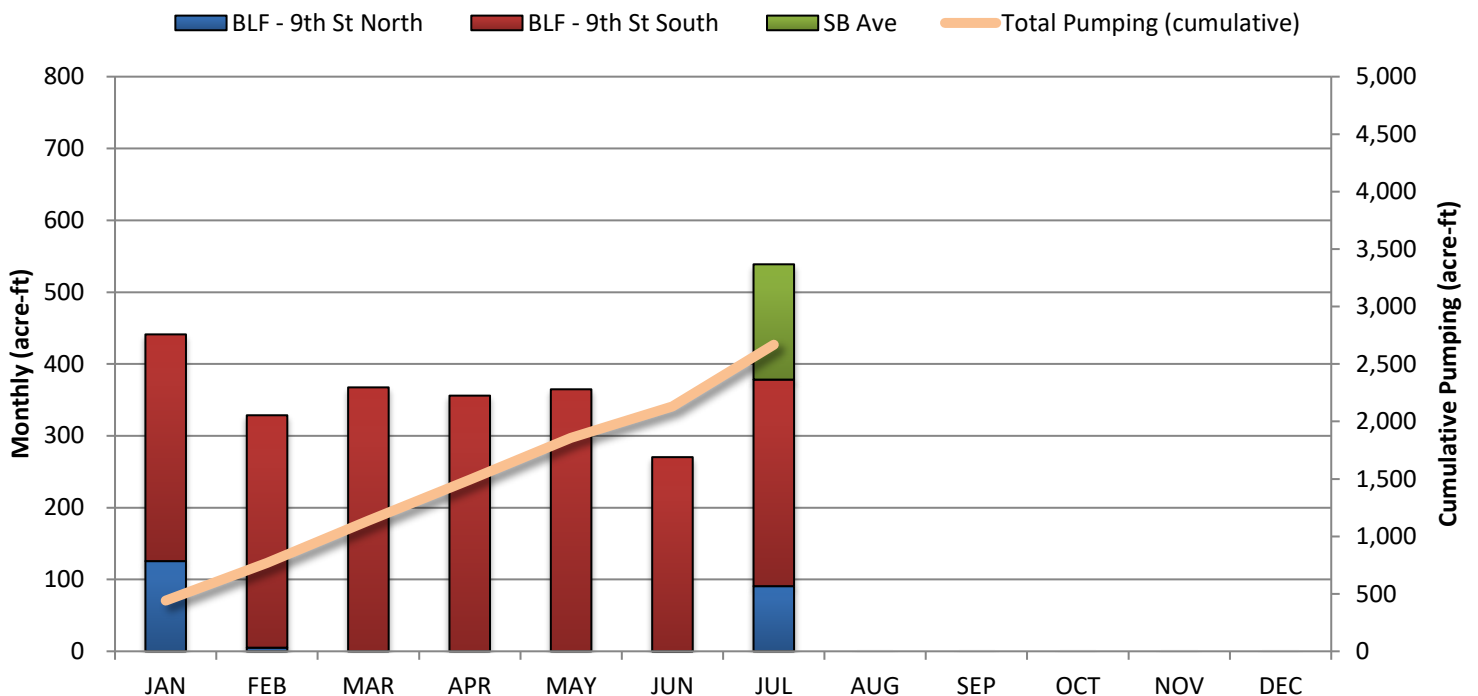
IMPORTED WATER SUPPLY PORTFOLIO



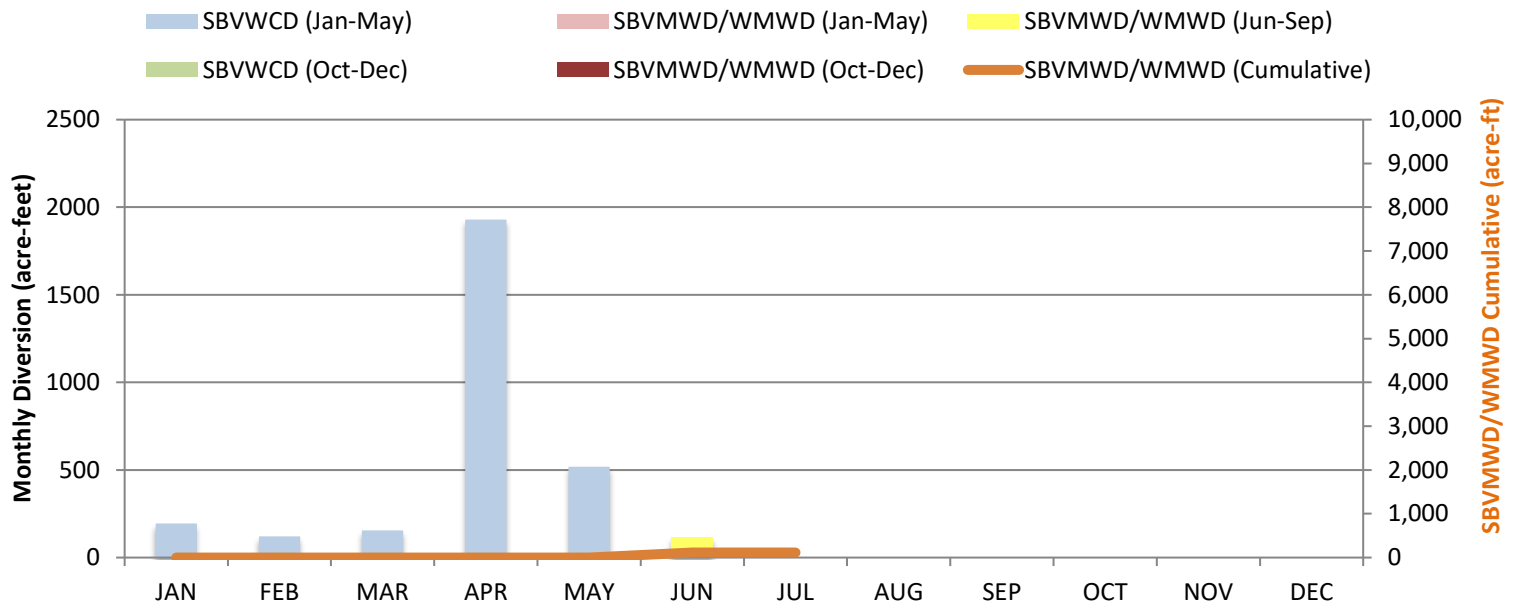
IMPORTED WATER DELIVERIES



SAN BERNARDINO BASIN PUMPING



SANTA ANA RIVER DIVERSIONS





San Bernardino Valley Municipal Water District

Delivery of Water For Calendar Year 2021 -- Acre Feet

Measurement / Delivery Point	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
IMPORTED WATER SUPPLIES													
<u>ADDITIONAL SUPPLIES VIA SWP</u>													
Multi-year Water Pool Demo	0	0	0	0	0	0	0	0	0	0	0	0	0
Kern Delta Water Bank	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Sub-total additional supplies</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
<u>STATE WATER PROJECT DELIVERY CATEGORIES</u>													
CLAWA Sale (2007 Agreement)	0	0	0	0	0	0	50	0	0	0	0	0	50
Yuba Accord Water (14-819)	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Clara Exchange	0	0	0	0	0	0	0	0	0	0	0	0	0
Kern Delta Water Bank	0	0	0	0	0	0	0	0	0	0	0	0	0
State Water Project - Local Deliveries	492	502	1,142	1,333	1,468	1,981	0	0	0	0	0	0	6,918
<i>Sub-total Deliveries via SWP (DWR meters)</i>	<i>492</i>	<i>502</i>	<i>1,142</i>	<i>1,333</i>	<i>1,468</i>	<i>1,981</i>	<i>50</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>6,968</i>

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

Delivery of Water For Calendar Year 2021 -- Acre Feet

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

DIRECT DELIVERIES

Lytle Creek													
Lytle Creek - WVWD TP	223	120	264	270	421	642	851	0	0	0	0	0	2,791
Lytle Creek - Marygold Mutual	45	68	76	79	81	6	0	0	0	0	0	0	354
CLAWA													
CLAWA Sale (#07-025)	0	0	0	0	0	0	50	0	0	0	0	0	50
EVWD Plant 134													
EVWD Plant 134 In-Lieu	0	0	0	0	0	0	0	0	0	0	0	0	0
EVWD Plant 134 - BVMWC (for EVWD)	0	0	0	0	0	0	0	0	0	0	0	0	0
EVWD Plant 134 - SBB GC - EVWD	237	213	104	0	0	0	0	0	0	0	0	0	554
EVWD Plant 134 - EVWD	0	0	98	160	191	207	235	0	0	0	0	0	891
Northfork													
Northfork - EVWD	0	0	0	0	0	0	0	0	0	0	0	0	0
Northfork - EVWD - In-Lieu	0	0	0	0	0	286	341	0	0	0	0	0	627
Northfork - BVMWC (for EVWD)	0	0	0	0	0	0	0	0	0	0	0	0	0
Edwards Canal Pump													
Edwards Canal Pump	0	0	0	0	0	0	0	0	0	0	0	0	0
S.A.R.C.													
S.A.R.C. - Valley District	0	0	0	0	0	0	0	0	0	0	0	0	0
S.A.R.C. to Redlands Aqueduct - Redlands	0	0	0	0	0	0	0	0	0	0	0	0	0
S.A.R.C. to Redlands Aqueduct - In-Lieu	0	0	0	0	0	0	0	0	0	0	0	0	0
S.A.R.C. to Redlands Aqueduct - BVMWC (for Redlands)	0	0	0	0	0	0	0	0	0	0	0	0	0
S.A.R.C. to Redlands Aqueduct Recharge	0	0	0	0	0	0	0	0	0	0	0	0	0
East Valley W.D. Greenspot Road	0	0	0	0	0	0	0	0	0	0	0	0	0
Bear Valley Highline Connector	0	0	0	0	0	0	0	0	0	0	0	0	0
SB County Flood Control Grove	0	0	0	0	0	0	0	0	0	0	0	0	0
Newport Ave.													
Newport Ave. - Greenspot Mutual	0	0	2	5	5	3	5	0	0	0	0	0	19
Newport Ave. - BVMWC	0	4	2	9	14	0	0	0	0	0	0	0	28
Newport Ave. - In-Lieu	0	0	0	0	0	12	18	0	0	0	0	0	30
Tres Lagos													
Tres Lagos - Greenspot Mutual	0	0	0	0	0	0	0	0	0	0	0	0	0
Tres Lagos - BVMWC	0	0	0	18	25	0	0	0	0	0	0	0	43
Tres Lagos - In-Lieu	0	0	0	0	0	23	25	0	0	0	0	0	48
Unger Lane to Zanja													

Delivery of Water For Calendar Year 2021 -- Acre Feet

Measurement / Delivery Point	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Unger Lane to Zanja - Crafton In-Lieu	0	0	0	0	0	0	0	0	0	0	0	0	0
Unger Lane to Zanja - Crafton	0	0	21	103	52	0	0	0	0	0	0	0	175
Boullioun Box													
Boullioun Box to Zanja	0	0	0	0	0	0	0	0	0	0	0	0	0
Boullioun Box to Highline In-Lieu	0	0	0	0	0	0	45	0	0	0	0	0	45
Boullioun Box to Highline - BVMWC	0	0	0	0	0	0	0	0	0	0	0	0	0
City of Redlands													
City of Redlands - Tate Treatment In-Lieu	0	0	0	0	0	0	0	0	0	0	0	0	0
City of Redlands - Tate Treatment	0	0	0	0	0	0	0	0	0	0	0	0	0
Yucaipa Regional Park	1	9	13	25	74	16	52	0	0	0	0	0	190
Yucaipa Valley Water District T.O.	63	92	484	541	605	610	604	0	0	0	0	0	2,999
Western Heights via YVWD T.O.	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Sub-total Direct Delivery</i>	569	505	1,064	1,209	1,467	1,804	2,226	0	0	0	0	0	8,845
STORAGE													
Citrus Reservoir, tanks, Crafton Hills Reservoir, et	(56)	116	61	78	(40)	140	24	0	0	0	0	0	323
Sub-total SBVMWD Imported Water	513	621	1,125	1,287	1,427	1,944	2,250	0	0	0	0	0	9,167

Other SWP Deliveries

Little San Gorgonio Creek Turnout	0	0	0	0	0	0	0	0	0	0	0	0	0
Noble Creek Turnout	3	479	716	511	8	0	0	0	0	0	0	0	1,718
Lytle Creek - WVWD (MWDSC)	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Sub-total Other SWP Deliveries</i>	3	479	716	511	8	0	0	0	0	0	0	0	1,718
Total Imported Water in Valley District Facilities	516	1,100	1,841	1,798	1,435	1,944	2,250	0	0	0	0	0	10,885

SAN BERNARDINO BASIN PUMPING

Baseline Feeder													
Ninth Street North Replacement Well	126	5	0	0	0	0	91	0	0	0	0	0	221
Ninth Street South Replacement Well	316	324	367	356	365	270	288	0	0	0	0	0	2,285
<i>Sub-total Baseline Feeder</i>	441	329	367	356	365	270	378	0	0	0	0	0	2,507
San Bernardino Avenue Well No. 1	0	0	0	0	1	0	0	0	0	0	0	0	1
San Bernardino Avenue Well No. 1 - In Lieu	0	0	0	0	0	0	161	0	0	0	0	0	161
Redlands Agreement (RPS)	0	0	0	0	0	0	0	0	0	0	0	0	0
De-watering Well # 1	0	0	0	0	0	0	0	0	0	0	0	0	0
De-watering Well # 2	0	0	0	0	0	0	0	0	0	0	0	0	0
Total San Bernardino Basin Pumping	441	329	367	356	365	270	539	0	0	0	0	0	2,668
TOTAL Water in SBVMWD Facilities	957	1,429	2,209	2,154	1,800	2,215	2,789	0	0	0	0	0	13,553



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

RECOMMENDATION:

APPROVE THE EXPENSES FOR THE MONTH OF JULY 2021

FOR THE FOLLOWING FUNDS:

STATE WATER CONTRACT FUND	\$	6,682,881.55
DEVIL CANYON / CASTAIC FUND	\$	406,604.00
GENERAL FUND	\$	1,900,810.06

APPROVED:

TREASURER

DATE

STATE WATER CONTRACT FUND
Profit & Loss
 July 2021

	Jul 21
Income	
4920 · INVESTMENT INCOME	466,671.59
4966 · PROPERTY TAXES	969,888.20
Total Income	1,436,559.79
Expense	
6280 · FIELD IMPROVEMENTS	72,372.55
6410 · STATE WATER CONTRACTOR FEES	226,544.00
6601 · CAPITAL COST DELTA	1,555,401.00
6605 · CAPITAL COST TRANSPORTATION	870,225.00
6610 · MINIMUM OMP&R TRANSPORTATION	1,512,746.00
6615 · MINIMUM OMP&R DELTA	446,124.00
6620 · VARIABLE	609,011.00
6625 · WATER SYSTEM REVENUE BOND	1,372,893.00
6630 · OFF AQUEDUCT VARIABLE	2,201.00
6635 · EAST BRANCH ENLARGEMENT	15,364.00
Total Expense	6,682,881.55
Net Income	-5,246,321.76

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

	<u>Jul 21</u>	<u>Budget</u>	<u>\$ Over Budget</u>	<u>% of Budget</u>
Income				
4920 · INVESTMENT INCOME	466,671.59	177,000.00	289,671.59	263.7%
4966 · PROPERTY TAXES	969,888.20	900,000.00	69,888.20	107.8%
Total Income	1,436,559.79	1,077,000.00	359,559.79	133.4%
Expense				
6280 · FIELD IMPROVEMENTS	72,372.55	73,000.00	(627.45)	99.1%
6410 · STATE WATER CONTRACTOR FEES	226,544.00	227,000.00	(456.00)	99.8%
6601 · CAPITAL COST DELTA	1,555,401.00	1,555,401.00	0.00	100.0%
6605 · CAPITAL COST TRANSPORTATION	870,225.00	870,225.00	0.00	100.0%
6610 · MINIMUM OMP&R TRANSPORTATION	1,512,746.00	1,512,746.00	0.00	100.0%
6615 · MINIMUM OMP&R DELTA	446,124.00	446,124.00	0.00	100.0%
6620 · VARIABLE	609,011.00	630,000.00	(20,989.00)	96.7%
6625 · WATER SYSTEM REVENUE BOND	1,372,893.00	1,372,893.00	0.00	100.0%
6630 · OFF AQUEDUCT VARIABLE	2,201.00	2,201.00	0.00	100.0%
6635 · EAST BRANCH ENLARGEMENT	15,364.00	15,364.00	0.00	100.0%
Total Expense	6,682,881.55	6,704,954.00	(22,072.45)	99.7%
Net Income	<u>(5,246,321.76)</u>	<u>(5,627,954.00)</u>	<u>381,632.24</u>	<u>93.2%</u>

DEVIL CANYON/CASTAIC
Profit & Loss
July 2021

	<u>Jul 21</u>
Income	
4920 · INVESTMENT INCOME	3,324.14
4966 · PROPERTY TAXES	<u>40,412.01</u>
Total Income	<u>43,736.15</u>
Gross Profit	43,736.15
Expense	
6601 · OMP&R	104,812.00
6610 · DEBT SERVICE	<u>301,792.00</u>
Total Expense	<u>406,604.00</u>
Net Income	<u><u>-362,867.85</u></u>

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

	Jul 21	Budget	\$ Over Budget	% of Budget
Income				
4920 · INVESTMENT INCOME	3,324.14	4,125.00	(800.86)	80.6%
4966 · PROPERTY TAXES	40,412.01	40,500.00	(87.99)	99.8%
Total Income	43,736.15	44,625.00	(888.85)	98.0%
Gross Profit	43,736.15	44,625.00	(888.85)	98.0%
Expense				
6601 · OMP&R	104,812.00	104,812.00	0.00	100.0%
6610 · DEBT SERVICE	301,792.00	301,792.00	0.00	100.0%
Total Expense	406,604.00	406,604.00	0.00	100.0%
Net Income	<u>(362,867.85)</u>	<u>(361,979.00)</u>	<u>(888.85)</u>	<u>100.2%</u>

SAN BERNARDINO VALLEY MWD GENERAL FUND
Profit & Loss
 July 2021

	Jul 21
Income	
4900 · WATER SALES	1,908,103.59
4920 · INVESTMENT INCOME	168,335.17
4966 · S.B. CO TAXES	81,352.14
Total Income	2,157,790.90
Expense	
6100 · SALARIES	336,766.00
6110 · OVERTIME	2,990.79
6120 · DIRECTORS FEES	14,950.00
6130 · PERS RETIREMENT	269,455.63
6140 · PAYROLL TAXES	25,871.33
6150 · HEALTH INSURANCE	-494.82
6160 · DENTAL INSURANCE	-46.23
6170 · VISION, DISABILITY AND LIFE INS	1,654.48
6240 · PIPELINE CONTROL SYSTEM	250.00
6250 · OFFICE EQUIPMENT	30,980.18
6260 · VEHICLE REPLACEMENT	92,767.49
6280 · FIELD IMPROVEMENTS	6,508.88
6320 · HOUSE COUNSEL	25,192.53
6330 · SPECIAL COUNSEL	1,336.50
6340 · WATERMASTER	3,657.00
6360 · CONSULTANTS	109,185.19
6390 · SAWPA	433,811.41
6400 · VEHICLE EXPENSE	3,798.38
6410 · TRAVEL	168.63
6420 · MEALS & LODGING	6,870.55
6430 · LIABILITY INS	80,659.13
6460 · UTILITIES/COMMUNICATIONS	89,395.64
6470 · MAINTENANCE & REPAIRS	6,174.57
6480 · OFFICE EXPENSE	3,912.77
6490 · FIELD SUPPLIES	463.26
6500 · EDUCATION AND TRAINING	4,033.40
6570 · POSTAGE	97.13
6580 · DUES & SUBSCRIPTIONS	23,302.56
6600 · TAXES & LICENSES	2,378.00
6640 · WATER CONSERVATION & EDUCATION	11,466.46
6642 · SPONSORSHIPS	3,000.00
6650 · PUBLIC NOTICES	4,285.42
6720 · WATER QUALITY TESTING	40.00
6780 · ENVIRONMENTAL / HCP	262,983.65
6800 · LAFCO ANNUAL FUNDING SHARE	30,000.00
Total Expense	1,887,865.91
Net Income	269,924.99

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

	Jul 21	Budget	\$ Over Budget	% of Budget
Income				
4900 · WATER SALES	1,908,103.59	2,044,000.00	(135,896.41)	93.4%
4920 · INVESTMENT INCOME	168,335.17	120,000.00	48,335.17	140.3%
4966 · S.B. CO TAXES	81,352.14	80,000.00	1,352.14	101.7%
Total Income	2,157,790.90	2,244,000.00	(86,209.10)	96.2%
Expense				
6100 · SALARIES	336,766.00	337,000.00	(234.00)	99.9%
6110 · OVERTIME	2,990.79	3,500.00	(509.21)	85.5%
6120 · DIRECTORS FEES	14,950.00	14,950.00	0.00	100.0%
6130 · PERS RETIREMENT	269,455.63	270,000.00	(544.37)	99.8%
6140 · PAYROLL TAXES	25,871.33	26,000.00	(128.67)	99.5%
6150 · HEALTH INSURANCE	(494.82)	0.00	(494.82)	100.0%
6160 · DENTAL INSURANCE	(46.23)	0.00	(46.23)	100.0%
6170 · VISION, DISABILITY AND LIFE INS	1,654.48	1,700.00	(45.52)	97.3%
6240 · PIPELINE CONTROL SYSTEM	250.00	250.00	0.00	100.0%
6250 · OFFICE EQUIPMENT	30,980.18	31,000.00	(19.82)	99.9%
6260 · VEHICLE REPLACEMENT	92,767.49	90,000.00	2,767.49	103.1%
6280 · FIELD IMPROVEMENTS	6,508.88	6,750.00	(241.12)	96.4%
6320 · HOUSE COUNSEL	25,192.53	25,500.00	(307.47)	98.8%
6330 · SPECIAL COUNSEL	1,336.50	1,450.00	(113.50)	92.2%
6340 · WATERMASTER	3,657.00	3,750.00	(93.00)	97.5%
6360 · CONSULTANTS	109,185.19	112,500.00	(3,314.81)	97.1%
6390 · SAWPA	433,811.41	435,000.00	(1,188.59)	99.7%
6400 · VEHICLE EXPENSE	3,798.38	4,000.00	(201.62)	95.0%
6410 · TRAVEL	168.63	200.00	(31.37)	84.3%
6420 · MEALS & LODGING	6,870.55	7,000.00	(129.45)	98.2%
6430 · LIABILITY INS	80,659.13	81,000.00	(340.87)	99.6%
6460 · UTILITIES/COMMUNICATIONS	89,395.64	90,000.00	(604.36)	99.3%
6470 · MAINTENANCE & REPAIRS	6,174.57	6,250.00	(75.43)	98.8%
6480 · OFFICE EXPENSE	3,912.77	4,000.00	(87.23)	97.8%
6490 · FIELD SUPPLIES	463.26	500.00	(36.74)	92.7%
6500 · EDUCATION AND TRAINING	4,033.40	4,250.00	(216.60)	94.9%
6570 · POSTAGE	97.13	100.00	(2.87)	97.1%
6580 · DUES & SUBSCRIPTIONS	23,302.56	23,500.00	(197.44)	99.2%
6600 · TAXES & LICENSES	2,378.00	2,500.00	(122.00)	95.1%
6640 · WATER CONSERVATION & EDUCATION	11,466.46	11,750.00	(283.54)	97.6%
6642 · SPONSORSHIPS	3,000.00	3,000.00	0.00	100.0%
6650 · PUBLIC NOTICES	4,285.42	4,300.00	(14.58)	99.7%
6720 · WATER QUALITY TESTING	40.00	50.00	(10.00)	80.0%
6780 · ENVIRONMENTAL / HCP	262,983.65	263,500.00	(516.35)	99.8%
6800 · LAFCO ANNUAL FUNDING SHARE	30,000.00	30,000.00	0.00	100.0%
Total Expense	1,887,865.91	1,895,250.00	(7,384.09)	99.6%
Net Income	269,924.99	348,750.00	(78,825.01)	77.4%

SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT
INVESTMENT SUMMARY
JULY 31, 2021

INVESTMENT DESCRIPTION	INSTITUTION	MATURITY DATE	PAR VALUE	ISSUE DATE	PURCHASE PRICE	BOOK YIELD RATE	CUSIP
STATE WATER CONTRACT FUND							
DWR CVP REVENUE BOND	STATE	7/1/2022	5,000.00		3,940.16	5.250%	
AGENCY BONDS - FNMA NOTES	BNY MELLON	06/03/2022	2,100,000.00	06/11/2020	2,099,706.00	0.257%	3130AJPU7
AGENCY BONDS - FNMA NOTES	BNY MELLON	06/08/2022	4,300,000.00	06/04/2020	4,297,936.00	0.274%	3134GVJ66
AGENCY BONDS - FNMA NOTES	BNY MELLON	07/25/2022	3,050,000.00	07/21/2020	3,043,107.00	0.238%	3137EAET2
AGENCY BONDS - FNMA NOTES	BNY MELLON	04/20/2023	4,640,000.00	04/17/2020	4,628,400.00	0.459%	3137EAEQ8
AGENCY BONDS - FNMA NOTES	BNY MELLON	05/05/2023	4,400,000.00	05/05/2020	4,398,152.00	0.389%	3137EAER6
AGENCY BONDS - FNMA NOTES	BNY MELLON	05/22/2023	5,020,000.00	05/20/2020	5,004,889.80	0.351%	3135G04Q3
AGENCY BONDS - FNMA NOTES	BNY MELLON	06/26/2023	4,525,000.00	06/24/2020	4,511,787.00	0.348%	3137EAS4
AGENCY BONDS - FNMA NOTES	BNY MELLON	07/10/2023	4,765,000.00	07/08/2020	4,754,755.25	0.322%	3135G05G4
AGENCY BONDS - FNMA NOTES	BNY MELLON	07/10/2023	900,000.00	10/07/2020	899,793.00	0.258%	3135G05G4
AGENCY BONDS - FNMA NOTES	BNY MELLON	08/24/2023	4,700,000.00	08/19/2020	4,695,206.00	0.284%	3137EAEV7
AGENCY BONDS - FNMA NOTES	BNY MELLON	09/08/2023	4,300,000.00	09/02/2020	4,298,581.00	0.261%	3137EAEW5
AGENCY BONDS - FNMA NOTES	BNY MELLON	09/08/2023	3,235,000.00	09/02/2020	3,235,590.74	0.244%	3137EAEW5
AGENCY BONDS - FNMA NOTES	BNY MELLON	09/08/2023	900,000.00	10/07/2020	899,739.00	0.260%	3137EAEW5
AGENCY BONDS - FNMA NOTES	BNY MELLON	10/16/2023	1,475,000.00	10/14/2020	1,469,498.25	0.250%	3137EAEY1
AGENCY BONDS - FNMA NOTES	BNY MELLON	11/06/2023	5,695,000.00	11/03/2020	5,689,874.50	0.280%	3137EAEZ8
AGENCY BONDS - FNMA NOTES	BNY MELLON	11/27/2023	500,000.00	11/23/2020	499,430.00	0.288%	3135G06H1
AGENCY BONDS - FNMA NOTES	BNY MELLON	12/04/2023	4,400,000.00	12/02/2020	4,395,644.00	0.283%	3137EAF2
CERTIFICATE OF DEPOSIT	BNY MELLON	02/14/2022	2,450,000.00	02/14/2020	2,450,000.00	1.800%	83369XDL9
CERTIFICATE OF DEPOSIT	BNY MELLON	04/01/2022	2,400,000.00	04/03/2019	2,400,000.00	2.830%	22535CDV0
CERTIFICATE OF DEPOSIT	BNY MELLON	07/08/2022	1,900,000.00	07/10/2020	1,900,000.00	0.700%	86565CKU2
CERTIFICATE OF DEPOSIT	BNY MELLON	08/26/2022	2,450,000.00	08/27/2019	2,450,000.00	1.850%	65558TLL7
CERTIFICATE OF DEPOSIT	BNY MELLON	08/29/2022	2,425,000.00	08/29/2019	2,425,000.00	1.860%	83050PDR7
CERTIFICATE OF DEPOSIT	BNY MELLON	12/02/2022	2,450,000.00	12/04/2019	2,450,000.00	2.040%	23341VZT1
CERTIFICATE OF DEPOSIT	BNY MELLON	03/17/2023	1,935,000.00	03/19/2021	1,935,000.00	0.590%	22552G3C2
CORPORATE NOTE	BNY MELLON	12/08/2021	1,000,000.00	03/28/2019	1,001,290.00	2.843%	172967LC3
CORPORATE NOTE	BNY MELLON	12/10/2021	500,000.00	10/03/2018	499,760.00	3.395%	02665WCP4
CORPORATE NOTE	BNY MELLON	01/10/2022	225,000.00	01/04/2019	224,784.00	3.240%	24422EUQ0
CORPORATE NOTE	BNY MELLON	01/12/2022	500,000.00	03/20/2019	507,200.00	2.707%	89233P5T9
CORPORATE NOTE	BNY MELLON	01/21/2022	975,000.00	01/22/2020	974,142.00	1.796%	63743HET5
CORPORATE NOTE	BNY MELLON	02/09/2022	750,000.00	03/28/2019	744,037.50	2.467%	037833AY6
CORPORATE NOTE	BNY MELLON	03/01/2022	250,000.00	11/27/2018	249,315.00	3.357%	437076BV3
CORPORATE NOTE	BNY MELLON	03/07/2022	340,000.00	09/04/2018	338,354.40	3.189%	904764BF3
CORPORATE NOTE	BNY MELLON	03/11/2022	250,000.00	03/04/2019	249,985.00	2.801%	717081ER0
CORPORATE NOTE	BNY MELLON	03/15/2022	850,000.00	07/24/2019	866,889.50	2.195%	91159HHC7
CORPORATE NOTE	BNY MELLON	04/01/2022	325,000.00	03/04/2019	324,844.00	2.967%	24422EUT4
CORPORATE NOTE	BNY MELLON	04/12/2022	1,500,000.00	04/09/2019	1,499,055.00	2.673%	89236TFX8
CORPORATE NOTE	BNY MELLON	05/10/2022	600,000.00	05/03/2019	599,676.00	2.669%	69371RPB3
CORPORATE NOTE	BNY MELLON	05/19/2022	500,000.00	04/05/2019	496,685.00	2.991%	61744YAH1
CORPORATE NOTE	BNY MELLON	05/20/2022	1,000,000.00	05/15/2019	998,800.00	2.793%	025816CD9
CORPORATE NOTE	BNY MELLON	06/01/2022	1,500,000.00	03/28/2019	1,541,610.00	2.383%	09247XAJ0
CORPORATE NOTE	BNY MELLON	06/13/2022	300,000.00	09/09/2019	299,613.00	1.999%	24422EVA4
CORPORATE NOTE	BNY MELLON	06/20/2022	1,200,000.00	03/11/2019	1,199,964.00	3.051%	05531FBG7
CORPORATE NOTE	BNY MELLON	06/27/2022	1,750,000.00	06/24/2019	1,748,390.00	2.232%	02665WCY5
CORPORATE NOTE	BNY MELLON	08/08/2022	500,000.00	07/30/2019	499,495.00	2.185%	438516BT2
CORPORATE NOTE	BNY MELLON	08/23/2022	525,000.00	08/20/2019	524,832.00	1.961%	06406RAK3
CORPORATE NOTE	BNY MELLON	09/06/2022	925,000.00	09/03/2019	923,714.25	1.948%	14913Q3A5
CORPORATE NOTE	BNY MELLON	09/11/2022	295,000.00	09/04/2019	294,949.85	1.706%	037833DL1
CORPORATE NOTE	BNY MELLON	09/15/2022	600,000.00	05/22/2019	592,086.00	2.581%	92826CAG7
CORPORATE NOTE	BNY MELLON	09/15/2022	670,000.00	03/13/2019	663,152.60	2.735%	589331AT4
CORPORATE NOTE	BNY MELLON	09/26/2022	550,000.00	09/23/2019	549,329.00	2.042%	69371RQ33
CORPORATE NOTE	BNY MELLON	11/04/2022	1,000,000.00	10/28/2019	1,000,000.00	2.313%	17308CC46
CORPORATE NOTE	BNY MELLON	11/18/2022	475,000.00	01/09/2020	474,781.50	1.967%	14913Q3C1
CORPORATE NOTE	BNY MELLON	01/27/2023	550,000.00	01/21/2020	549,615.00	1.874%	06406RAM9
CORPORATE NOTE	BNY MELLON	01/27/2023	500,000.00	01/20/2021	500,000.00	0.481%	38141GXP4
CORPORATE NOTE	BNY MELLON	02/01/2023	250,000.00	01/23/2020	250,020.00	1.697%	00724PAA7
CORPORATE NOTE	BNY MELLON	02/01/2023	275,000.00	01/22/2020	274,623.25	1.747%	00724PAA7
CORPORATE NOTE	BNY MELLON	02/14/2023	600,000.00	08/19/2019	597,714.00	1.864%	88579YBL4
CORPORATE NOTE	BNY MELLON	02/24/2023	430,000.00	02/20/2020	430,000.00	1.744%	69353RFT0

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SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT
INVESTMENT SUMMARY
JULY 31, 2021

INVESTMENT DESCRIPTION	INSTITUTION	MATURITY DATE	PAR VALUE	ISSUE DATE	PURCHASE PRICE	BOOK YIELD RATE	CUSIP
CORPORATE NOTE	BNY MELLON	04/06/2023	410,000.00	04/06/2021	409,667.90	0.441%	89236TJD8
CORPORATE NOTE	BNY MELLON	05/01/2023	575,000.00	04/29/2020	573,861.50	0.817%	713448EY0
CORPORATE NOTE	BNY MELLON	05/11/2023	600,000.00	05/04/2020	598,368.00	0.842%	037833DV9
CORPORATE NOTE	BNY MELLON	05/11/2023	540,000.00	05/07/2020	540,000.00	1.141%	166764BV1
CORPORATE NOTE	BNY MELLON	06/03/2023	1,250,000.00	06/01/2020	1,248,250.00	0.447%	023135BP0
CORPORATE NOTE	BNY MELLON	06/08/2023	160,000.00	06/01/2020	159,777.60	0.847%	69371RQ82
CORPORATE NOTE	BNY MELLON	06/26/2023	750,000.00	06/09/2020	811,305.00	0.608%	931142EK5
CORPORATE NOTE	BNY MELLON	08/11/2023	175,000.00	08/04/2020	174,770.75	0.394%	69371RQ90
CORPORATE NOTE	BNY MELLON	09/14/2023	275,000.00	09/08/2020	274,648.00	0.418%	904764BJ5
CORPORATE NOTE	BNY MELLON	09/14/2023	500,000.00	09/09/2020	499,660.00	0.473%	14913R2F3
CORPORATE NOTE	BNY MELLON	11/13/2023	1,165,000.00	11/09/2020	1,165,000.00	0.537%	110122DT2
CORPORATE NOTE	BNY MELLON	11/17/2023	825,000.00	11/16/2020	825,000.00	0.627%	38141GXL3
CORPORATE NOTE	BNY MELLON	01/11/2024	1,200,000.00	01/06/2021	1,199,928.00	0.452%	89236THU2
CORPORATE NOTE	BNY MELLON	01/17/2024	480,000.00	03/01/2021	479,659.20	0.475%	24422EVN6
CORPORATE NOTE	BNY MELLON	01/25/2024	1,445,000.00	01/20/2021	1,445,000.00	0.529%	6174468W2
CORPORATE NOTE	BNY MELLON	02/08/2024	555,000.00	02/01/2021	554,617.05	0.373%	63743HEU2
CORPORATE NOTE	BNY MELLON	03/03/2024	300,000.00	01/21/2021	330,642.00	0.671%	38141GVM3
CORPORATE NOTE	BNY MELLON	03/05/2024	1,075,000.00	09/24/2020	1,144,079.50	0.878%	06051GHF9
CORPORATE NOTE	BNY MELLON	03/16/2024	600,000.00	03/09/2021	600,000.00	0.697%	46647PBZ8
CORPORATE NOTE	BNY MELLON	03/18/2024	795,000.00	03/16/2021	794,602.50	0.767%	808513BN4
CORPORATE NOTE	BNY MELLON	04/15/2024	575,000.00	05/07/2020	629,964.25	1.151%	20030NCR0
CORPORATE NOTE	BNY MELLON	05/12/2024	1,940,000.00	05/10/2021	1,937,167.60	0.499%	023135BW5
CORPORATE NOTE	BNY MELLON	05/15/2024	915,000.00	05/17/2021	914,048.40	0.585%	91324PEB4
CORPORATE NOTE	BNY MELLON	05/28/2024	1,275,000.00	05/25/2021	1,274,885.25	0.703%	04636NAC7
CORPORATE NOTE	BNY MELLON	06/01/2024	500,000.00	05/19/2020	500,000.00	1.514%	46647PBQ8
CORPORATE NOTE	BNY MELLON	06/07/2024	420,000.00	06/07/2021	419,475.00	0.492%	24422EVQ9
CORPORATE NOTE	BNY MELLON	06/18/2024	750,000.00	06/15/2021	749,107.50	0.540%	89236TJH9
CORPORATE NOTE	BNY MELLON	09/16/2024	555,000.00	09/09/2020	555,000.00	0.653%	46647PBS4
CORPORATE NOTE	BNY MELLON	10/24/2024	1,000,000.00	10/16/2020	1,000,000.00	0.810%	06051GJH3
CORPORATE NOTE	BNY MELLON	10/30/2024	1,000,000.00	10/23/2020	1,000,000.00	0.776%	172967MT5
CORPORATE NOTE	BNY MELLON	02/10/2025	590,000.00	03/08/2021	628,468.00	0.937%	58933YAR6
CORPORATE NOTE	BNY MELLON	02/16/2025	405,000.00	02/09/2021	405,000.00	0.563%	46647PBY1
CORPORATE NOTE	BNY MELLON	04/24/2025	675,000.00	03/04/2021	694,210.50	0.882%	06406RAN7
CORPORATE NOTE	BNY MELLON	05/01/2025	460,000.00	04/27/2021	460,000.00	0.981%	172967MX6
CORPORATE NOTE	BNY MELLON	06/01/2025	605,000.00	05/24/2021	605,000.00	0.824%	46647PCH7
CORPORATE NOTE	BNY MELLON	06/23/2025	1,250,000.00	06/21/2021	1,250,000.00	0.969%	46647PCK0
MUNICIPAL BOND / NOTE	BNY MELLON	07/01/2022	505,000.00	11/13/2020	505,000.00	1.327%	13017HAJ5
MUNICIPAL BOND / NOTE	BNY MELLON	12/01/2022	395,000.00	07/30/2020	395,000.00	0.349%	13067WQZ8
MUNICIPAL BOND / NOTE	BNY MELLON	03/15/2023	570,000.00	12/16/2020	570,000.00	0.480%	650036DR4
MUNICIPAL BOND / NOTE	BNY MELLON	07/01/2023	135,000.00	05/29/2020	135,805.95	1.798%	20772KJV2
MUNICIPAL BOND / NOTE	BNY MELLON	07/01/2023	700,000.00	07/02/2020	700,000.00	1.085%	73358W4V3
MUNICIPAL BOND / NOTE	BNY MELLON	07/01/2023	675,000.00	07/07/2020	678,955.50	0.885%	73358W4V3
MUNICIPAL BOND / NOTE	BNY MELLON	08/01/2023	1,300,000.00	07/23/2020	1,300,000.00	0.410%	574193TP3
MUNICIPAL BOND / NOTE	BNY MELLON	08/01/2023	465,000.00	10/30/2020	465,000.00	0.444%	54438CYH9
MUNICIPAL BOND / NOTE	BNY MELLON	11/01/2023	575,000.00	07/24/2020	575,000.00	0.422%	605581MY0
MUNICIPAL BOND / NOTE	BNY MELLON	11/01/2023	625,000.00	08/27/2020	625,000.00	0.475%	13077DMJ8
MUNICIPAL BOND / NOTE	BNY MELLON	12/01/2023	135,000.00	07/30/2020	135,000.00	0.414%	13067WRA2
MUNICIPAL BOND / NOTE	BNY MELLON	03/15/2024	1,710,000.00	12/16/2020	1,710,000.00	0.620%	650036DS2
MUNICIPAL BOND / NOTE	BNY MELLON	01/01/2025	520,000.00	01/22/2021	520,000.00	0.897%	646140DN0
MUNICIPAL BOND / NOTE	BNY MELLON	07/01/2025	630,000.00	09/03/2020	630,000.00	1.258%	341271AD6
US TREASURY NOTES	BNY MELLON	02/15/2022	1,485,000.00	03/01/2019	1,483,317.78	2.544%	9128286C9
US TREASURY NOTES	BNY MELLON	04/15/2022	3,950,000.00	05/01/2019	3,952,468.75	2.226%	9128286M7
US TREASURY NOTES	BNY MELLON	04/30/2022	2,800,000.00	04/01/2019	2,754,828.13	2.342%	912828WZ9
US TREASURY NOTES	BNY MELLON	05/31/2022	2,000,000.00	06/19/2019	2,001,484.38	1.848%	912828XD7
US TREASURY NOTES	BNY MELLON	07/31/2022	6,000,000.00	06/03/2019	6,005,625.00	1.843%	9128282P4
US TREASURY NOTES	BNY MELLON	07/31/2022	3,000,000.00	06/04/2019	2,999,648.44	1.879%	9128282P4
US TREASURY NOTES	BNY MELLON	07/31/2022	7,000,000.00	07/01/2019	7,022,421.88	1.768%	9128282P4
US TREASURY NOTES	BNY MELLON	08/15/2022	5,650,000.00	09/05/2019	5,655,296.88	1.467%	912828YA2
US TREASURY NOTES	BNY MELLON	09/30/2022	3,550,000.00	09/12/2019	3,557,488.28	1.679%	912828L57
US TREASURY NOTES	BNY MELLON	10/15/2022	7,500,000.00	10/31/2019	7,471,582.03	1.507%	912828YK0
US TREASURY NOTES	BNY MELLON	10/15/2022	2,500,000.00	12/02/2019	2,481,054.69	1.647%	912828YK0
US TREASURY NOTES	BNY MELLON	10/15/2022	2,100,000.00	12/04/2019	2,087,449.22	1.590%	912828YK0
US TREASURY NOTES	BNY MELLON	11/15/2022	1,100,000.00	11/21/2019	1,101,160.16	1.588%	912828TY6
US TREASURY NOTES	BNY MELLON	11/30/2022	625,000.00	12/01/2020	624,414.06	0.172%	91282CAX9

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SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT
INVESTMENT SUMMARY
JULY 31, 2021

INVESTMENT DESCRIPTION	INSTITUTION	MATURITY DATE	PAR VALUE	ISSUE DATE	PURCHASE PRICE	BOOK YIELD RATE	CUSIP
US TREASURY NOTES	BNY MELLON	01/15/2023	3,450,000.00	02/03/2020	3,466,980.47	1.329%	91282Z29
US TREASURY NOTES	BNY MELLON	01/15/2023	2,500,000.00	03/12/2020	2,563,671.88	0.590%	91282Z29
US TREASURY NOTES	BNY MELLON	01/31/2023	900,000.00	12/26/2019	902,355.47	1.663%	912828P38
US TREASURY NOTES	BNY MELLON	01/31/2023	4,000,000.00	01/02/2020	4,016,406.25	1.612%	912828P38
US TREASURY NOTES	BNY MELLON	01/31/2023	4,000,000.00	02/02/2021	4,000,937.50	0.113%	91282CBG5
US TREASURY NOTES	BNY MELLON	03/31/2023	9,500,000.00	03/02/2020	9,695,566.41	0.820%	912828Q29
US TREASURY NOTES	BNY MELLON	03/31/2023	2,600,000.00	04/15/2021	2,598,476.56	0.155%	91282CBU4
US TREASURY NOTES	BNY MELLON	05/15/2023	3,100,000.00	06/03/2020	3,088,859.38	0.248%	912828ZP8
US TREASURY NOTES	BNY MELLON	05/31/2023	5,000,000.00	06/14/2021	4,996,679.69	0.159%	91282CCD1
US TREASURY NOTES	BNY MELLON	05/31/2023	6,000,000.00	06/17/2021	5,989,921.88	0.212%	91282CCD1
US TREASURY NOTES	BNY MELLON	06/15/2023	3,000,000.00	06/11/2020	3,003,867.19	0.207%	912828ZU7
US TREASURY NOTES	BNY MELLON	06/15/2023	3,000,000.00	06/18/2020	3,002,460.94	0.222%	912828ZU7
US TREASURY NOTES	BNY MELLON	06/30/2023	1,500,000.00	03/05/2020	1,536,445.31	0.631%	912828S35
US TREASURY NOTES	BNY MELLON	07/31/2023	5,000,000.00	05/03/2021	5,116,992.19	0.204%	912828S92
US TREASURY NOTES	BNY MELLON	10/15/2023	3,000,000.00	10/08/2020	2,994,257.81	0.189%	91282CAP6
US TREASURY NOTES	BNY MELLON	11/15/2023	5,065,000.00	12/01/2020	5,068,759.18	0.225%	91282CAW1
US TREASURY NOTES	BNY MELLON	12/15/2023	2,700,000.00	01/07/2021	2,693,144.53	0.212%	91282CBA8
US TREASURY NOTES	BNY MELLON	01/15/2024	1,500,000.00	02/02/2021	1,497,656.25	0.178%	91282CBE0
US TREASURY NOTES	BNY MELLON	02/15/2024	4,000,000.00	03/01/2021	3,982,656.25	0.272%	91282CBM2
US TREASURY NOTES	BNY MELLON	03/15/2024	3,500,000.00	03/11/2021	3,492,207.03	0.325%	91282CBR1
US TREASURY NOTES	BNY MELLON	03/15/2024	2,450,000.00	03/31/2021	2,443,970.70	0.334%	91282CBR1
US TREASURY NOTES	BNY MELLON	04/15/2024	2,500,000.00	04/22/2021	2,503,320.31	0.330%	91282CBV2
US TREASURY NOTES	BNY MELLON	04/15/2024	2,750,000.00	04/27/2021	2,752,041.02	0.350%	91282CBV2
US TREASURY NOTES	BNY MELLON	04/30/2024	4,500,000.00	04/05/2021	4,717,792.97	0.409%	912828X70
US TREASURY NOTES	BNY MELLON	06/15/2024	5,000,000.00	06/14/2021	4,987,304.69	0.335%	91282CCG4
US TREASURY NOTES	BNY MELLON	06/15/2024	3,450,000.00	06/28/2021	3,428,033.20	0.467%	91282CCG4
US TREASURY NOTES	BNY MELLON	06/15/2024	3,000,000.00	07/01/2021	2,980,546.88	0.472%	91282CCG4
US TREASURY NOTES	BNY MELLON	08/31/2024	3,000,000.00	05/03/2021	3,081,328.13	0.428%	912828YE4
US TREASURY NOTES	BNY MELLON	10/31/2024	2,750,000.00	05/04/2021	2,850,009.77	0.447%	912828YM6
US TREASURY NOTES	BNY MELLON	11/30/2024	2,625,000.00	06/02/2021	2,722,207.03	0.427%	912828YV6
US TREASURY NOTES	BNY MELLON	11/30/2024	2,750,000.00	06/03/2021	2,848,720.70	0.458%	912828YV6
US TREASURY NOTES	BNY MELLON	11/30/2024	5,000,000.00	06/14/2021	5,182,226.56	0.437%	912828YV6
FIDELITY GOVERNMENT	BNY MELLON		387,879.06		387,879.06	0.050%	
LOCAL AGENCY INVESTMENT FUND	LAIF	DAILY	53,203,901.41		53,203,901.41	0.222%	AT 7/31/21
CAMP	CAMP	DAILY	65,924,543.19		65,924,543.19	0.050%	AT 7/31/21
			<u>414,776,323.66</u>		<u>416,041,028.97</u>		
<u>DEVIL CANYON / CASTAIC FUND</u>							
LOCAL AGENCY INVESTMENT FUND	LAIF	DAILY	<u>5,000,874.45</u>		<u>5,000,874.45</u>	0.222%	AT 7/31/21
<u>GENERAL FUND</u>							
AGENCY BONDS - FNMA NOTES	BNY MELLON	06/03/2022	1,000,000.00	06/11/2020	999,860.00	0.257%	3130AJPU7
AGENCY BONDS - FNMA NOTES	BNY MELLON	06/08/2022	2,000,000.00	06/04/2020	1,999,040.00	0.274%	3134GVJ66
AGENCY BONDS - FNMA NOTES	BNY MELLON	07/25/2022	1,425,000.00	07/21/2020	1,421,779.50	0.238%	3137EAET2
AGENCY BONDS - FNMA NOTES	BNY MELLON	04/20/2023	2,140,000.00	04/17/2020	2,134,650.00	0.459%	3137EAEQ8
AGENCY BONDS - FNMA NOTES	BNY MELLON	05/05/2023	2,025,000.00	05/05/2020	2,024,149.50	0.389%	3137EAER6
AGENCY BONDS - FNMA NOTES	BNY MELLON	05/22/2023	2,345,000.00	05/20/2020	2,337,941.55	0.351%	3135G04Q3
AGENCY BONDS - FNMA NOTES	BNY MELLON	06/26/2023	2,125,000.00	06/24/2020	2,118,795.00	0.348%	3137EAES4
AGENCY BONDS - FNMA NOTES	BNY MELLON	07/10/2023	2,225,000.00	07/08/2020	2,220,216.25	0.322%	3135G05G4
AGENCY BONDS - FNMA NOTES	BNY MELLON	07/10/2023	600,000.00	10/07/2020	599,862.00	0.258%	3135G05G4
AGENCY BONDS - FNMA NOTES	BNY MELLON	08/24/2023	2,200,000.00	08/19/2020	2,197,756.00	0.284%	3137EAEV7
AGENCY BONDS - FNMA NOTES	BNY MELLON	09/08/2023	1,520,000.00	09/02/2020	1,520,277.57	0.244%	3137EAEW5
AGENCY BONDS - FNMA NOTES	BNY MELLON	09/08/2023	2,000,000.00	09/02/2020	1,999,340.00	0.261%	3137EAEW5
AGENCY BONDS - FNMA NOTES	BNY MELLON	09/08/2023	600,000.00	10/07/2020	599,826.00	0.260%	3137EAEW5
AGENCY BONDS - FNMA NOTES	BNY MELLON	10/16/2023	825,000.00	10/14/2020	821,922.75	0.250%	3137EAEY1
AGENCY BONDS - FNMA NOTES	BNY MELLON	11/06/2023	2,365,000.00	11/03/2020	2,362,871.50	0.280%	3137EAEZ8
AGENCY BONDS - FNMA NOTES	BNY MELLON	11/27/2023	300,000.00	11/23/2020	299,658.00	0.288%	3135G06H1
AGENCY BONDS - FNMA NOTES	BNY MELLON	12/04/2023	1,950,000.00	12/02/2020	1,948,069.50	0.283%	3137EAF2
CERTIFICATE OF DEPOSIT	BNY MELLON	02/14/2022	1,150,000.00	02/14/2020	1,150,000.00	1.800%	83369XDL9
CERTIFICATE OF DEPOSIT	BNY MELLON	04/01/2022	1,100,000.00	04/03/2019	1,100,000.00	2.824%	22535CDV0
CERTIFICATE OF DEPOSIT	BNY MELLON	07/08/2022	900,000.00	07/10/2020	900,000.00	0.700%	86565CKU2
CERTIFICATE OF DEPOSIT	BNY MELLON	08/26/2022	1,150,000.00	08/27/2019	1,150,000.00	1.850%	65558TLL7
CERTIFICATE OF DEPOSIT	BNY MELLON	08/26/2022	1,125,000.00	08/29/2019	1,125,000.00	1.860%	83050PDR7
CERTIFICATE OF DEPOSIT	BNY MELLON	12/02/2022	1,125,000.00	12/04/2019	1,125,000.00	2.040%	23341VZT1
CERTIFICATE OF DEPOSIT	BNY MELLON	03/17/2023	885,000.00	03/19/2021	885,000.00	0.590%	22552G3C2

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SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT
INVESTMENT SUMMARY
JULY 31, 2021

INVESTMENT DESCRIPTION	INSTITUTION	MATURITY DATE	PAR VALUE	ISSUE DATE	PURCHASE PRICE	BOOK YIELD RATE	CUSIP
CORPORATE NOTE	BNY MELLON	04/12/2022	900,000.00	04/09/2019	899,433.00	2.673%	89236TFX8
CORPORATE NOTE	BNY MELLON	05/19/2022	200,000.00	04/05/2019	198,674.00	2.991%	61744YAH1
CORPORATE NOTE	BNY MELLON	05/20/2022	500,000.00	05/15/2019	499,400.00	2.793%	025816CD9
CORPORATE NOTE	BNY MELLON	06/20/2022	650,000.00	03/11/2019	649,980.50	3.051%	05531FBG7
CORPORATE NOTE	BNY MELLON	06/27/2022	625,000.00	06/24/2019	624,425.00	2.232%	02665WCY5
CORPORATE NOTE	BNY MELLON	08/08/2022	225,000.00	07/30/2019	224,772.75	2.185%	438516BT2
CORPORATE NOTE	BNY MELLON	08/23/2022	505,000.00	08/20/2019	504,838.40	1.961%	06406RAK3
CORPORATE NOTE	BNY MELLON	09/06/2022	425,000.00	09/03/2019	424,409.25	1.948%	14913Q3A5
CORPORATE NOTE	BNY MELLON	09/11/2022	270,000.00	09/04/2019	269,954.10	1.706%	037833DL1
CORPORATE NOTE	BNY MELLON	09/15/2022	380,000.00	03/13/2019	376,116.40	2.735%	589331AT4
CORPORATE NOTE	BNY MELLON	09/15/2022	300,000.00	05/22/2019	296,043.00	2.581%	92826CAG7
CORPORATE NOTE	BNY MELLON	09/26/2022	275,000.00	09/23/2019	274,664.50	2.042%	69371RQ33
CORPORATE NOTE	BNY MELLON	11/04/2022	415,000.00	10/28/2019	415,000.00	2.313%	17308CC46
CORPORATE NOTE	BNY MELLON	11/18/2022	225,000.00	01/09/2020	224,896.50	1.967%	14913Q3C1
CORPORATE NOTE	BNY MELLON	01/27/2023	350,000.00	01/21/2020	349,755.00	1.874%	06406RAM9
CORPORATE NOTE	BNY MELLON	01/27/2023	250,000.00	01/20/2021	250,000.00	0.481%	38141GXP4
CORPORATE NOTE	BNY MELLON	02/01/2023	125,000.00	01/23/2020	125,010.00	1.697%	00724PAA7
CORPORATE NOTE	BNY MELLON	02/01/2023	130,000.00	01/22/2020	129,821.90	1.747%	00724PAA7
CORPORATE NOTE	BNY MELLON	02/14/2023	350,000.00	08/19/2019	348,666.50	1.864%	88579YBL4
CORPORATE NOTE	BNY MELLON	02/24/2023	250,000.00	02/20/2020	250,000.00	1.744%	69353RFT0
CORPORATE NOTE	BNY MELLON	04/06/2023	205,000.00	04/06/2021	204,833.95	0.441%	89236TJD8
CORPORATE NOTE	BNY MELLON	05/01/2023	275,000.00	04/29/2020	274,455.50	0.817%	713448EY0
CORPORATE NOTE	BNY MELLON	05/11/2023	550,000.00	05/04/2020	548,504.00	0.842%	037833DV9
CORPORATE NOTE	BNY MELLON	05/11/2023	255,000.00	05/07/2020	255,000.00	1.141%	166764BV1
CORPORATE NOTE	BNY MELLON	06/03/2023	600,000.00	06/01/2020	599,160.00	0.447%	023135BP0
CORPORATE NOTE	BNY MELLON	06/08/2023	115,000.00	06/01/2020	114,840.15	0.847%	69371RQ82
CORPORATE NOTE	BNY MELLON	06/26/2023	350,000.00	06/09/2020	378,609.00	0.608%	931142EK5
CORPORATE NOTE	BNY MELLON	08/11/2023	100,000.00	08/04/2020	99,869.00	0.394%	69371RQ90
CORPORATE NOTE	BNY MELLON	08/11/2023	135,000.00	08/10/2020	135,000.00	0.426%	166756AJ5
CORPORATE NOTE	BNY MELLON	09/14/2023	150,000.00	09/08/2020	149,808.00	0.418%	904764BJ5
CORPORATE NOTE	BNY MELLON	09/14/2023	250,000.00	09/09/2020	249,830.00	0.473%	14913R2F3
CORPORATE NOTE	BNY MELLON	11/13/2023	545,000.00	11/09/2020	545,000.00	0.537%	110122DT2
CORPORATE NOTE	BNY MELLON	11/17/2023	425,000.00	11/16/2020	425,000.00	0.627%	38141GXL3
CORPORATE NOTE	BNY MELLON	01/11/2024	550,000.00	01/06/2021	549,967.00	0.452%	89236THU2
CORPORATE NOTE	BNY MELLON	01/17/2024	240,000.00	03/01/2021	239,829.60	0.475%	24422EVN6
CORPORATE NOTE	BNY MELLON	01/25/2024	675,000.00	01/20/2021	675,000.00	0.529%	6174468W2
CORPORATE NOTE	BNY MELLON	02/08/2024	255,000.00	02/01/2021	254,824.05	0.373%	63743HEU2
CORPORATE NOTE	BNY MELLON	03/05/2024	500,000.00	09/24/2020	532,130.00	0.878%	06051GHF9
CORPORATE NOTE	BNY MELLON	03/16/2024	400,000.00	03/09/2021	400,000.00	0.697%	46647PBZ8
CORPORATE NOTE	BNY MELLON	03/18/2024	360,000.00	03/16/2021	359,820.00	0.767%	808513BN4
CORPORATE NOTE	BNY MELLON	04/15/2024	275,000.00	05/07/2020	301,287.25	1.151%	20030NCR0
CORPORATE NOTE	BNY MELLON	05/12/2024	840,000.00	05/10/2021	838,773.60	0.499%	023135BW5
CORPORATE NOTE	BNY MELLON	05/15/2024	395,000.00	05/17/2021	394,589.20	0.585%	91324PEB4
CORPORATE NOTE	BNY MELLON	05/28/2024	550,000.00	05/25/2021	549,950.50	0.703%	04636NAC7
CORPORATE NOTE	BNY MELLON	06/01/2024	250,000.00	05/19/2020	250,000.00	1.514%	46647PBQ8
CORPORATE NOTE	BNY MELLON	06/07/2024	185,000.00	06/07/2021	184,768.75	0.492%	24422EVQ9
CORPORATE NOTE	BNY MELLON	09/16/2024	355,000.00	09/09/2020	355,000.00	0.653%	46647PBS4
CORPORATE NOTE	BNY MELLON	10/24/2024	500,000.00	10/16/2020	500,000.00	0.810%	06051GJH3
CORPORATE NOTE	BNY MELLON	10/30/2024	250,000.00	10/23/2020	250,000.00	0.776%	172967MT5
CORPORATE NOTE	BNY MELLON	02/10/2025	220,000.00	03/08/2021	234,344.00	0.937%	58933YAR6
CORPORATE NOTE	BNY MELLON	02/16/2025	120,000.00	02/09/2021	120,000.00	0.563%	46647PBY1
CORPORATE NOTE	BNY MELLON	04/24/2025	325,000.00	03/04/2021	334,249.50	0.882%	06406RAN7
CORPORATE NOTE	BNY MELLON	05/01/2025	310,000.00	04/27/2021	310,000.00	0.981%	172967MX6
CORPORATE NOTE	BNY MELLON	06/01/2025	340,000.00	05/24/2021	340,000.00	0.824%	46647PCH7
MUNICIPAL BOND / NOTE	BNY MELLON	07/01/2022	235,000.00	11/13/2020	235,000.00	1.327%	13017HAJ5
MUNICIPAL BOND / NOTE	BNY MELLON	12/01/2022	170,000.00	07/30/2020	170,000.00	0.349%	13067WQZ8
MUNICIPAL BOND / NOTE	BNY MELLON	03/15/2023	265,000.00	12/16/2020	265,000.00	0.480%	650036DR4
MUNICIPAL BOND / NOTE	BNY MELLON	07/01/2023	65,000.00	05/29/2020	65,388.05	1.798%	20772KJV2
MUNICIPAL BOND / NOTE	BNY MELLON	07/01/2023	325,000.00	07/02/2020	325,000.00	1.085%	73358W4V3
MUNICIPAL BOND / NOTE	BNY MELLON	07/01/2023	315,000.00	07/07/2020	316,845.90	0.885%	73358W4V3
MUNICIPAL BOND / NOTE	BNY MELLON	08/01/2023	625,000.00	07/23/2020	625,000.00	0.410%	574193TP3
MUNICIPAL BOND / NOTE	BNY MELLON	08/01/2023	435,000.00	10/16/2020	435,000.00	0.499%	798306WM4
MUNICIPAL BOND / NOTE	BNY MELLON	08/01/2023	220,000.00	10/30/2020	220,000.00	0.444%	54438CYH9
MUNICIPAL BOND / NOTE	BNY MELLON	11/01/2023	275,000.00	07/24/2020	275,000.00	0.422%	605581MY0

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SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT
INVESTMENT SUMMARY
JULY 31, 2021

INVESTMENT DESCRIPTION	INSTITUTION	MATURITY DATE	PAR VALUE	ISSUE DATE	PURCHASE PRICE	BOOK YIELD RATE	CUSIP
MUNICIPAL BOND / NOTE	BNY MELLON	12/01/2023	75,000.00	07/30/2020	75,000.00	0.414%	13067WRA2
MUNICIPAL BOND / NOTE	BNY MELLON	03/15/2024	800,000.00	12/16/2020	800,000.00	0.620%	650036DS2
MUNICIPAL BOND / NOTE	BNY MELLON	01/01/2025	240,000.00	01/22/2021	240,000.00	0.897%	646140DN0
MUNICIPAL BOND / NOTE	BNY MELLON	07/01/2025	295,000.00	09/03/2020	295,000.00	1.258%	341271AD6
US TREASURY NOTES	BNY MELLON	05/31/2022	740,000.00	06/19/2019	740,549.22	1.848%	912828XD7
US TREASURY NOTES	BNY MELLON	07/31/2022	2,700,000.00	06/03/2019	2,702,531.25	1.843%	9128282P4
US TREASURY NOTES	BNY MELLON	07/31/2022	975,000.00	06/27/2019	978,960.94	1.739%	9128282P4
US TREASURY NOTES	BNY MELLON	07/31/2022	3,500,000.00	07/01/2019	3,511,210.94	1.768%	9128282P4
US TREASURY NOTES	BNY MELLON	08/15/2022	745,000.00	09/05/2019	745,698.44	1.467%	912828YA2
US TREASURY NOTES	BNY MELLON	08/31/2022	800,000.00	10/03/2019	806,156.25	1.354%	9128282S8
US TREASURY NOTES	BNY MELLON	09/30/2022	1,975,000.00	09/12/2019	1,979,166.02	1.679%	912828L57
US TREASURY NOTES	BNY MELLON	10/15/2022	3,300,000.00	10/31/2019	3,287,496.09	1.507%	912828YK0
US TREASURY NOTES	BNY MELLON	10/15/2022	1,000,000.00	12/02/2019	992,421.88	1.647%	912828YK0
US TREASURY NOTES	BNY MELLON	11/15/2022	500,000.00	11/21/2019	500,527.34	1.588%	912828TY6
US TREASURY NOTES	BNY MELLON	11/30/2022	300,000.00	12/01/2020	299,718.75	0.172%	91282CA99
US TREASURY NOTES	BNY MELLON	01/15/2023	2,150,000.00	02/03/2020	2,160,582.03	1.329%	912828Z29
US TREASURY NOTES	BNY MELLON	01/15/2023	1,000,000.00	03/12/2020	1,025,468.75	0.590%	912828Z29
US TREASURY NOTES	BNY MELLON	01/31/2023	925,000.00	12/26/2019	927,420.90	1.663%	912828P38
US TREASURY NOTES	BNY MELLON	01/31/2023	2,400,000.00	01/02/2020	2,409,843.75	1.612%	912828P38
US TREASURY NOTES	BNY MELLON	01/31/2023	4,000,000.00	02/02/2021	4,000,937.50	0.113%	91282CBG5
US TREASURY NOTES	BNY MELLON	03/31/2023	4,000,000.00	03/02/2020	4,082,343.75	0.820%	912828Q29
US TREASURY NOTES	BNY MELLON	03/31/2023	1,200,000.00	04/15/2021	1,199,296.88	0.155%	91282CBU4
US TREASURY NOTES	BNY MELLON	05/15/2023	2,000,000.00	06/03/2020	1,992,812.50	0.248%	912828ZP8
US TREASURY NOTES	BNY MELLON	06/15/2023	1,500,000.00	06/11/2020	1,501,933.59	0.207%	912828ZU7
US TREASURY NOTES	BNY MELLON	06/15/2023	1,000,000.00	06/18/2020	1,000,820.31	0.222%	912828ZU7
US TREASURY NOTES	BNY MELLON	06/30/2023	750,000.00	03/05/2020	768,222.66	0.631%	912828S35
US TREASURY NOTES	BNY MELLON	10/15/2023	1,000,000.00	10/08/2020	998,085.94	0.189%	91282CAP6
US TREASURY NOTES	BNY MELLON	11/15/2023	2,365,000.00	12/01/2020	2,366,755.27	0.225%	91282CAW1
US TREASURY NOTES	BNY MELLON	12/15/2023	1,200,000.00	01/07/2021	1,196,953.13	0.212%	91282CBA8
US TREASURY NOTES	BNY MELLON	02/15/2024	2,500,000.00	03/01/2021	2,489,160.16	0.272%	91282CBM2
US TREASURY NOTES	BNY MELLON	03/15/2024	2,000,000.00	03/11/2021	1,995,546.88	0.325%	91282CBR1
US TREASURY NOTES	BNY MELLON	04/15/2024	575,000.00	04/22/2021	575,763.67	0.330%	91282CBV2
US TREASURY NOTES	BNY MELLON	04/15/2024	850,000.00	04/27/2021	850,630.86	0.350%	91282CBV2
US TREASURY NOTES	BNY MELLON	04/30/2024	1,500,000.00	04/05/2021	1,572,597.66	0.409%	912828X70
US TREASURY NOTES	BNY MELLON	06/15/2024	1,200,000.00	06/18/2021	1,191,890.63	0.479%	91282CCG4
US TREASURY NOTES	BNY MELLON	06/15/2024	1,200,000.00	06/24/2021	1,192,453.13	0.464%	91282CCG4
US TREASURY NOTES	BNY MELLON	06/15/2024	2,100,000.00	06/28/2021	2,086,628.91	0.467%	91282CCG4
US TREASURY NOTES	BNY MELLON	06/15/2024	1,200,000.00	07/01/2021	1,192,218.75	0.472%	91282CCG4
US TREASURY NOTES	BNY MELLON	10/31/2024	1,200,000.00	05/04/2021	1,243,640.63	0.447%	912828YM6
US TREASURY NOTES	BNY MELLON	11/30/2024	1,125,000.00	06/02/2021	1,166,660.16	0.427%	912828YV6
US TREASURY NOTES	BNY MELLON	11/30/2024	1,200,000.00	06/03/2021	1,243,078.13	0.458%	912828YV6
FIDELITY GOVERNMENT	BNY MELLON		150,412.23		150,412.23	0.050%	
LOCAL AGENCY INVESTMENT FUND	LAIF	DAILY	16,282,687.17		16,282,687.17	0.222%	AT 7/31/21
CAMP	CAMP	DAILY	12,655,427.37		12,655,427.37	0.050%	AT 7/31/21
			<u>146,383,526.77</u>		<u>146,738,263.34</u>		

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

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

Digitally signed by Cindy Saks
Date: 2021.08.05 17:53:31 -07'00'

CFO / DEPUTY GENERAL MANAGER



Director's Activity Report

Director's Name **Gil J. Botello**

Month Reporting Activity July 2021

	Date	Meeting/Activity Description	Explanation Provide description of the meeting or activity and brief explanation on the benefits to the District and work of the Board by your attendance. <i>(Not required for Valley District meetings)</i>	Max 10/month	Travel Cost Estimate <i>(Staff)</i>
1	07/01/2021	Workshop - Resources	Valley District	\$299	
2	07/06/2021	Valley District Board Mtg 1	Valley District	\$299	
3	07/08/2021	Workshop - Policy	Valley District	\$299	
4	07/13/2021	Workshop - Engineering	Valley District	\$299	
5	07/20/2021	Valley District Board Mtg 2	Valley District	\$299	
6	07/21/2021	Other	City of SB Council Meeting	\$0	
7	07/21/2021	Conference with General Manager	Valley District Inaugural WIFIA meeting	\$299	
8	07/22/2021	Conference with General Manager	Debt Service Fund Budget Workshop	\$299	
9	07/23/2021	So. Cal. Water Coalition Mtg	SCWC Luncheon	\$299	
10	07/28/2021	Other	Monthly Meeting with Senator Leyva's Field Rep Micheal Townsend	\$299	
11	07/29/2021	Other	Cal Cities IE Division Meeting	\$299	
12	07/30/2021			\$0	
13	07/30/2021			\$0	
14	07/30/2021			\$0	
15	07/30/2021			\$0	
Total Requested Compensation				\$ 2,990.00	

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

Date: **07/30/2021**

Signed: _____



Director Request for Compensation & Public Disclosure Form

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

Month Reporting Activity **July 2021**

	Date	Meeting/Activity Description	Provide description of the meeting or activity and brief explanation on the benefits to the District and work of the Board by your attendance. <i>(Not required for Valley District meetings)</i>	Explanation	Max 10/month	Travel Cost Estimate <i>(Staff)</i>
1	07/01/2021	Workshop - Resources	PUBLISHED AGENDA		\$299	
2	07/06/2021	Valley District Board Mtg 1	PUBLISHED AGENDA		\$299	
3	07/08/2021	Workshop - Policy	PUBLISHED AGENDA		\$299	
4	07/09/2021	HCP GOVT RELATIONS COMM,	FED. AND STATE GOVT. RELATIONS RE HCP SUPPORT		\$299	
5	07/09/2021	REDLANDS CHAMBER OF COMMERCE	BOB TINCHER WATER AVAILABILITY STATUS REPORT		\$0	
6	07/12/2021	CSDA Mtg	ASBCSD BOARD MEETING -- SPECIAL DISTRICT ADVOCACY		\$299	
7	07/13/2021	Workshop - Engineering	PUBLISHED AGENDA		\$299	
8	07/14/2021	SBV Water Conservation District Mtg	PUBLISHED AGENDA		\$299	
9	07/19/2021	CSDA Mtg	ASBCSD MONTHLY MEMBER MEETING -- PUBLISHED AGENDA, SPECIAL DISTRICT ADVOCACY		\$299	
10	07/20/2021	Valley District Board Mtg 2	PUBLISHED AGENDA		\$299	
11	07/21/2021	WIFIA JPA	PUBLISHED AGENDA		\$299	
12	07/22/2021	BOARD DEBT, SERVICE WORKSHOP	PUBLISHED AGENDA		Per diem?	
13		Select from List			Per diem?	
14		Select from List			Per diem?	
15		Select from List			Per diem?	
Total Requested Compensation					\$ 2,990.00	\$ 0.00

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

Digitally signed by T. MILFORD HARRISON
Date: 2020.12.07 15:01:29 -0800

Signed: **T. MILFORD HARRISON**

Date: **08/04/2021**



Director's Activity Report

Director's Name **JUNE HAYES**

Month Reporting Activity **July 2021**

	Date	Meeting/Activity Description	Explanation Provide description of the meeting or activity and brief explanation on the benefits to the District and work of the Board by your attendance. <i>(Not required for Valley District meetings)</i>	Max 10/month	Travel Cost Estimate <i>(Staff)</i>
1	07/01/2021	Workshop - Resources		\$299	
2	07/06/2021	Valley District Board Mtg 1		\$299	
3	07/08/2021	Workshop - Policy		\$299	
4	07/09/2021	Facilities Tour	Santa Margarita, Irvine Ranch	\$299	
5	07/13/2021	Workshop - Engineering		\$299	
6	07/14/2021	SBV Water Conservation District Mtg		\$299	
7	07/15/2021	Retail Agency Board Meeting	WWWD	\$299	
8	07/20/2021	SAWPA Mtg		\$0	
9	07/20/2021	Valley District Board Mtg 2		\$299	
10	07/22/2021	Other	Debt service	\$299	
11	07/23/2021	So. Cal. Water Coalition Mtg		\$299	
12		Select from List		Per diem?	
13		Select from List		Per diem?	
14		Select from List		Per diem?	
15		Select from List		Per diem?	
Total Requested Compensation				\$ 2,990.00	

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

Digitally signed by June D Hayes
Date: 2021.07.31 09:27:47 -0700'

Signed: **June D Hayes**

Date: **07/31/2021**



Director's Activity Report

Director's Name Paul Kielhold

Month Reporting Activity July 2021

Date	Meeting/Activity Description	Explanation Provide description of the meeting or activity and brief explanation on the benefits to the District and work of the Board by your attendance. (Not required for Valley District meetings)	Max 10/month	Travel Cost Estimate (Staff)
1 07/01/2021	Workshop - Resources		\$299	
2 07/06/2021	Valley District Board Mtg 1		\$299	
3 07/08/2021	Workshop - Policy		\$299	
4 07/12/2021	Assigned Committee Mtg	Active Recharge Projects	\$299	
5 07/13/2021	Workshop - Engineering		\$299	
6 07/15/2021	Assigned Committee Mtg	Headwaters Resiliency	\$299	
7 07/20/2021	Valley District Board Mtg 2		\$299	
8 07/21/2021	Assigned Committee Mtg	USARW IFA	\$299	
9 07/22/2021	Other	Workshop - Debt Service	\$299	
10	Select from List		\$0	
11	Select from List		Per diem?	
12	Select from List		Per diem?	
13	Select from List		Per diem?	
14	Select from List		Per diem?	
15	Select from List		Per diem?	
Total Requested Compensation			\$ 2,691.00	\$ 0.00

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

Signed: Paul Kielhold

Date: 07/24/2021



Director Request for Compensation & Public Disclosure Form

Director's Name Susan Longville



Month Reporting Activity 7/31/21

	Date	Meeting/Activity Description	Explanation	Max 10/month	Travel Cost Estimate (Staff)
1	07/01/2021	Valley District Board Mtg 2	Provide description of the meeting or activity and brief explanation on the benefits to the District and work of the Board by your attendance. (Not required for Valley District meetings)	\$299	
2	07/06/2021	Valley District Board Mtg 1		\$299	
3	07/07/2021	Other	SWRCB Virtual Workshop on proposed Racial Equity Resolution	\$299	
4	07/08/2021	Workshop - Policy		\$299	
5	07/13/2021	Workshop - Engineering		\$0	
6	07/13/2021	Other	CSUSB Dr. Jennifer Alford Water Quality Mapping Demo Zoom presentation with students	\$0	
7	07/15/2021	Assigned Committee Mtg	Vally District Headwaters Partnership Committee Meeting Online	\$299	
8	07/15/2021	Other	Webinar Launch of Nature Based Solution (NBS) Explorer Tool undertaken by UN Global Compact hosted the Pacific Institute and The Nature Conservancy	\$0	
9	07/19/2021	Other	DWR Public Hearing on Indoor Residential Water Use Standards	\$0	
10	07/19/2021	CSDA Mtg	ASBCSD Dinner Meeting at Shandin Hills Golf Club with presentation on Funding Infrastructure Improvements with Energy Efficiency and Renewable Technology	\$299	
11	07/20/2021	Valley District Board Mtg 2		\$299	
12	07/22/2021	Assigned Committee Mtg	Board Workshop on Debt Service Budget	\$299	
13	07/23/2021	So. Cal. Water Coalition Mtg	Quarterly Luncheon at Doubletree Hilton with panel on Equity, Access and Affordability	\$299	
14	07/29/2021	Other	DWR Webinar on Building a Water Management Platfor	\$299	
15		Select from List		Per diem?	
				Total Requested Compensation	\$ 2,990.00
					\$ 0.00

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

Signed: _____

Date: _____



DATE: August 17, 2021
TO: Board of Directors
SUBJECT: List of Announcements

- A. August 18, 2021, 8:30 a.m. – Upper Santa Ana River Watershed Infrastructure Financing Authority
- B. September 1, 2021, 2 p.m. – Upper Santa Ana River Watershed Infrastructure Financing Authority
- C. September 2, 2021, 2 p.m. – Board Workshop – Resources by Teleconference
- D. September 6, 2021 – District closed in observation of Labor Day
- E. September 7, 2021, 9:30 a.m. – SAWPA Commission Meeting
- F. September 7, 2021, 10:00 a.m. – SAWPA PA 24 Meeting
- G. September 7, 2021, 2 p.m. – Regular Board Meeting by Teleconference
- H. September 8, 2021, 1:30 p.m. – San Bernardino Valley Water Conservation District Board Meeting
- I. September 9, 2021, 2 p.m. – Board Workshop – Policy by Teleconference
- J. September 14, 2021, 8:30 a.m. – SAWPA PA 22 Meeting
- K. September 14, 2021, 2 p.m. – Board Workshop – Engineering by Teleconference
- L. September 21, 2021, 9:30 a.m. – SAWPA Commission Meeting
- M. September 21, 2021, 2 p.m. – Regular Board Meeting by Teleconference
- N. September 22, 2021, 8:30 a.m. – Upper Santa Ana River Watershed Infrastructure Financing Authority