



**San Bernardino Valley  
Water Conservation District**  
Helping Nature Store Our Water

**BOARD OF DIRECTORS MEETING AGENDA**  
**Wednesday, March 10, 2021 – 1:30 p.m.**

In accordance with [Governor Newsom's Executive Order N-25-20 and N-29-20](#), this meeting is being conducted via teleconference/Zoom. Anyone wishing to join the meeting can join via

**Zoom: Call in (669) 900-6833, Meeting ID: 923 4838 9922**

To join the Zoom Meeting online: <https://zoom.us/j/92348389922>

Note: Copies of staff reports and other documents relating to the items on this agenda are on file at the District office and are available for public review during normal District business hours. New information relating to agenda topics listed, received, or generated by the District after the posting of this agenda, but before the meeting, will be made available upon request at the District office and in the Agenda Package on the District's website. It is the intention of the San Bernardino Valley Water Conservation District to comply with the Americans with Disabilities Act (ADA) in all respects. If you need special assistance with respect to the agenda or other written materials forwarded to the members of the Board for consideration at the public meeting, or if as an attendee or a participant at this meeting you will need special assistance, the District will attempt to accommodate you in every reasonable manner. Please contact Athena Lokelani at (909) 793-2503 at least 48 hours prior to the meeting to inform her of your particular needs and to determine if accommodation is feasible. Please advise us at that time if you will need accommodations to attend or participate in meetings on a regular basis.

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**CALL TO ORDER**  
**PLEDGE OF ALLEGIANCE**  
**ROLL CALL**

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**1. PUBLIC PARTICIPATION**

*Members of the public may address the Board of Directors on any item that is within the jurisdiction of the Board; however, no action may be taken on any item not appearing on the agenda unless the action is otherwise authorized by Subdivision (b) Section 54954.2 of the Government Code.*

**2. ADDITIONS/DELETIONS TO AGENDA**

*Section 54954.2 provides that a legislative body may take action on items of business not appearing on the posted agenda under the following conditions: (1) an emergency situation exists, as defined in Section 54956.5; (2) a need to take immediate action and the need for action came to the attention of the District subsequent to the agenda being posted; and (3) the item was posted for a prior meeting occurring not more than five calendar days prior to the date action is taken on the item, and at the prior meeting the item was continued to the meeting at which action is being taken.*

**3. AD HOC COMMITTEE APPOINTMENTS**

- A. AUDIT COMMITTEE
- B. GM REVIEW COMMITTEE

1630 W. Redlands Blvd, Suite A  
Redlands, CA 92373  
Phone: 909.793.2503  
Fax: 909.793.0188  
www.sbvwd.org Email: [info@sbvwd.org](mailto:info@sbvwd.org)

**BOARD OF DIRECTORS**

Division 1:  
Richard Corneille  
Division 2:  
David E. Raley

Division 3:  
Robert Stewart

Division 4:  
John Longville

Division 5:  
Melody McDonald

**GENERAL MANAGER**

Daniel B. Cozad

- 4. **CONSENT CALENDAR**
  - A. Approval of Board Minutes, February 10, 2021 .....4
  - B. Approval of Expenditure Report, February 2021 .....13
  - C. ACWA/JPIA Executive Committee Concurring Nominations Resolutions for Thomas A. Cuquet, South Sutter Water District, and David Drake, Rincon Del Diablo Water District.....20

5. **COMMITTEE REPORTS /ACTION ITEMS**

**Committee Items**

- A. OUTREACH COMMITTEE VERBAL UPDATE - 5 minutes  
*Presenter: John Longville, Outreach & Communications Committee Chair/Daniel Cozad*  
*Recommendation:* The Outreach & Communications Committee chair will provide a verbal update of the meeting held on February 19.

**Action Items**

- B. UNAUDITED FINANCIAL REPORTS, FEBRUARY 2021 - 5 minutes (M#1769).....22  
*Presenter: Daniel Cozad*  
*Recommendation:* Review and approve the unaudited financials for February 2021.
- C. GROUNDWATER LATE PAYER, NON-RESPONDENTS AND INVESTIGATION LIST FOR GWA #55 – 5 minutes (M#1770).....28  
*Presenter: Daniel Cozad*  
*Recommendation:* Review, discuss and direct staff to investigate late payers and non-respondents for the period of July 1, 2020-December 31, 2020.
- D. FINAL ENGINEERING INVESTIGATION AND DRAFT GROUNDWATER RESOLUTION NO. 584 – 10 minutes (M#1771).....30  
*Presenter: Katelyn Scholte*  
*Recommendation:* Review, discuss and consider approval of the 2021 Engineering Investigation and review and provide any comments to District Counsel on the Draft Groundwater Resolution No. 584.
- E. PLUNGE CREEK FINANCIAL AND PROJECT PERFORMANCE REPORT – 15 minutes (M#1772).....64  
*Presenter: Daniel Cozad*  
*Recommendation:* Staff recommends that the Board receive and file this update on the Plunge Creek Conservation Project.

6. **INFORMATION ITEMS:**

- A. Wash Plan Verbal Update – 5 Minutes
- B. General Manager’s Report and Monthly Recharge Report – 5 Minutes .....98
- C. Mill Creek Status Update – 5 Minutes .....130
- D. Future Agenda Items & Staff Tasks

7. **MONTHLY BOARD MEMBER MEETING REPORTS, AND/OR BOARD MEMBER COMMENTS**

- A. Board Member Meeting Reports – 15 minutes

8. **UPCOMING MEETINGS:**

- A. March 15, 2021 Association of San Bernardino County Special Districts, 6:00 p.m. hosted by Inland Empire Utilities Agency, Topic: Diversity, Equity & Inclusion: A Business Value Proposition for Public Agencies
- B. March 16, 2021 San Bernardino Valley Municipal Water District Board Meeting, 2:30 p.m. at Valley Municipal
- C. March 23, 2021 Big Bear Watermaster Committee, 1:30 p.m. via Zoom
- D. March 24, 2021 Groundwater Producers Meeting, 10:00 a.m. via Zoom
- E. March 25, 2021 Finance & Administration Committee Meeting, 1:30 p.m. at Conservation District
- F. April 8, 2021 Advisory Commission on Water Policy, 6:30 p.m. at Valley Municipal
- G. May 12-13, 2021 ACWA Spring Conference, Virtual Conference
- H. April 13, 2021 Active Recharge Transfer Projects Policy Committee Meeting, 9:00 a.m. via Zoom
- I. April 14, 2021 Groundwater Public Meeting/Board Meeting, 1:30 p.m. via Zoom
- J. April 28, 2021 Groundwater Public Hearing/Board Meeting, 1:30 p.m. via Zoom

9. **CLOSED SESSION**

1. The Board will meet in Closed Session under authority of Government Code §54956.9 (a), in order to discuss existing litigation, Endangered Habitats League et al. vs. U.S. Army Corps of Engineers, Central District Court Case no. Case No.: 2:16-cv-09178-MWF-E.

2. The Board may convene in Closed Session for Conference to discuss Real Property Negotiations pursuant to Government Code §54956.8; Owner: Robertsons Ready Mix for property located on parcel No. 029114101, 029114104, 029114107, 029114109, 029114110, 29114111, 029114112, 029114113, 029114114, 029114115, 029114116, 029114118, 029114119, 029118107, 029118108, 029118114, 029118115, 029118117 and 029118119. Negotiators: Daniel Cozad and David Cosgrove Owner: Christine Goevarts.

10. **ADJOURN MEETING.** The next regularly scheduled Board of Directors/Public Meeting on Groundwater will be on April 14, 2021 at 1:30 p.m., at District Headquarters, 1630 W. Redlands Blvd., Redlands, CA.

SAN BERNARDINO VALLEY WATER CONSERVATION DISTRICT  
BOARD OF DIRECTORS MEETING

MINUTES OF February 10, 2021  
1:30 p.m.

President McDonald called the meeting of the Board of Directors to order at 1:35 p.m. by teleconference and Zoom meeting; all those in attendance stood for the pledge of allegiance led by President McDonald.

ROLL CALL:

BOARD MEMBERS PRESENT:

Melody McDonald, President  
Richard Corneille, Vice President  
David E. Raley, Director (Arrived 1:11)  
Robert Stewart, Director  
John Longville, Director

BOARD MEMBERS ABSENT:

None

GENERAL COUNSEL PRESENT:

David Cosgrove, Rutan & Tucker

STAFF PRESENT:

Daniel Cozad, General Manager  
Betsy Miller, Land Resources Manager/Assistant General Manager  
Erwin Fogerson, Senior Engineer/Project Manager  
Katelyn Scholte, Assistant Engineer  
Athena Lokelani, Administrative Specialist

GUESTS PRESENT:

T. Milford Harrison, San Bernardino Valley Municipal Water District  
June Hayes, San Bernardino Valley Municipal Water District  
Paul Kielhold, San Bernardino Valley Municipal Water District  
David E. Smith, East Valley Water District  
Clayton Larkin, Tetra Tech

1. PUBLIC PARTICIPATION

President McDonald announced that any person present, who so desired, may make an oral presentation to the Board of Directors. There being none, the meeting continued with the posted agenda items.

## 2. ADDITIONS/DELETIONS TO AGENDA

There were none.

## 3. CONSENT CALENDAR

President McDonald introduced this item.

**It was moved by Director Longville and seconded by Director Stewart to approve the Consent Calendar: Item A: Board Minutes, January 13, 2021; Item B: Expenditure Report, December 2021; Item C: Unaudited Financials, January 2021; Item D: Groundwater Assessment Report for July 1, 2020-December 31 2020; Item E: District Board Priorities for 2021; Item F: Board Policy Manual Revisions, Resolution No 582; and Item G: ACWA/JPIA Executive Committee Concurring Nomination Resolutions. The motion carried 4-0, with all Board members present voting in the affirmative, and Director Raley noted absent from the vote.**

**President McDonald: Yes  
Vice President Corneille: Yes  
Director Longville: Yes  
Director Raley: Absent  
Director Stewart: Yes**

## 4. COMMITTEE REPORTS/ACTION ITEMS

### A. OPERATIONS COMMITTEE VERBAL UPDATE

Vice President Corneille provided a verbal update on the Operations Committee held on January 27. He indicated that the District received a comprehensive presentation on the Enhanced Recharge Project by Valley Municipal related to the agreement executed in 2013. Staff and Board members have provided feedback to Valley's team on the design of the Phase 1B of the proposed facilities. Valley Municipal stated the project will result in an estimated 15,400 AFY in additional recharge with a current construction cost estimate of \$53.9 million and an annual O&M cost estimate of \$480,000. Manuel Colunga, Field Supervisor, provided an update on field operations. Mr. Fogerson provided the results of the Request for Qualifications for the Active Recharge Transfer Projects (ARTP) to the Committee and the preliminary layout of the proposed Oak Creek Basins. The District's CIP was reviewed and the Mentone Shop needs analysis. This item was received and filed.

### B. MENTONE SHOP IMPROVEMENT PLANNING AND NEEDS ANALYSIS

This item was included in the package on page 48. Vice President Corneille noted that this item was reviewed in detail by the Operations Committee. He complimented staff on their detailed needs analysis. He indicated that the District might need another facility in the future either within the SA Spreading Grounds or at the Canyon Shop; the Committee agreed with staff's detailed recommendation that is included within the Mentone Shop Needs Analysis. Director Raley asked if the proposal consists of the plan to rebuild the Mentone Shop. Mr. Fogerson stated that the recommendation is to leave the current shop there, remove the old wooden structures, and add a new metal building with restroom facilities. Director Stewart thanked staff for the thoroughness of the analysis, encouraged staff to avoid duplication of permits for the Canyon Shop and Mentone Shop, and expressed his overall support of the plans as conceptually completed.

**It was moved by Vice President Corneille and seconded by Director Longville to accept the Operations Committee recommendations contained in the Mentone Shop Needs Analysis and direct staff to procure and award architectural services in an amount not to exceed \$50,000. The motion carried 5-0, with all Board members present voting in the affirmative.**

**President McDonald: Yes  
Vice President Corneille: Yes  
Director Longville: Yes  
Director Raley: Yes  
Director Stewart: Yes**

**C. FINANCE & ADMINISTRATION COMMITTEE VERBAL UPDATE**

Director Raley indicated that the items discussed at the January 27 meeting, including the 2<sup>nd</sup> Quarter Annual Unaudited Financials and the Budget Plan for the Groundwater Enterprise, will be discussed later on this agenda.

**D. 2<sup>ND</sup> QUARTER ANNUAL UNAUDITED FINANCIALS FOR 2020-2021**

Mr. Cozad reviewed this item, noting its inclusion in the package beginning page 73. He noted that the financials are in line with District expectations. These are the base of the District's budgeting processing, and there are comments included with the memo. Mr. Cozad said that interest rates are lower than initially estimated, and therefore returns on investments are under budget.

**It was moved by Director Raley and seconded by Director Longville to approve the 2<sup>nd</sup> Quarter Annual Unaudited Financials for 2020-2021 as presented. The motion carried 5-0, with all Board members present voting in the affirmative.**

**President McDonald: Yes  
Vice President Corneille: Yes  
Director Longville: Yes  
Director Raley: Yes  
Director Stewart: Yes**

**E. DRAFT ENGINEERING INVESTIGATION REPORT FOR 2021**

Ms. Scholte presented a PowerPoint presentation on the Draft 2021 Engineering Investigation (EI). This item is included in the package beginning on page 78. The annual change in storage for the Bunker Hill Basin decreased by 67,875 AF from last year, mainly due to a decrease in imported water recharged by the Groundwater Council due to a lower state water project allocation for 2020. The accumulated change in storage is 486,310 AF down from full (in 1993). The water elevations from 2019 and 2020 were compared against one another, and it was noted that the water table is starting to drop, especially near the recharge basins. The estimated groundwater production for the previous water year (2019-2020) is 154,554 AF, and the estimated annual change in storage for the current water year (2020-2021) is a decrease of 5,623 AF based on the same precipitation as last year. The estimated average annual change in storage for the ensuing water year (2021-2022) is a decrease of 4,219 AF. The estimated production for the ensuing water year (2021-2022) from within District boundaries is 11,569 AF for historically agricultural water use and 91,135 AF for non-agricultural water use. The estimated surface diversion for the ensuing water year (2021-2022) is 79,655 AF for the basin and 56,307 for District,

including the water that the Groundwater Council recharges. The estimated replenishment required for constant storage for the ensuing water year (2021-2022) is 128,173 AF for the basin and 106,923 AF for District. The total replenishment required to reach the 1993 full level is 619,981 AF for the ensuing water year.

Ms. Scholte reviewed, in brief, the native and imported water recharged by the District from 1912-2020. Vice President Corneille requested that the graphs be shown in higher contrast colors to differentiate between State Water Project water versus native water, and asked that a cumulative total be included for each. Director Raley asked how much of the water is produced by entities who are not in the Groundwater Council. Ms. Scholte said that the details of water production are included with the Groundwater Council item; however, it does not include data for producers outside of the basin. This item was received and filed.

**It was moved by Director Longville and seconded by Director Stewart to receive and file this item. The motion carried 5-0, with all Board members present voting in the affirmative.**

**President McDonald: Yes  
Vice President Corneille: Yes  
Director Longville: Yes  
Director Raley: Yes  
Director Stewart: Yes**

F. BUDGET PLANNING FOR GROUNDWATER ENTERPRISE FOR 2021-2022,  
PROPOSED GROUNDWATER COUNCIL OPERATIONS & MAINTENANCE FEE AND  
ADVERTISED GROUNDWATER CHARGE

Mr. Cozad introduced this item for discussion, noting its inclusion beginning package page 107. He provided a brief overview of the rate-setting process and Groundwater Council (GC) proposal. Staff reviewed the potential rate options and recommended the Board consider advertising a 5% increase to the groundwater charge, which would mean the groundwater rate would go from \$13.85 per AF to \$14.54 per AF. The revenue budget and expenses were reviewed. Vice President Corneille asked for clarification on why the Groundwater Charge revenue is higher than the Groundwater Council revenue. The Groundwater Charge revenue is based on production from last year; staff will review and provide details on the difference to the Board. The total estimated expenses for the Groundwater Enterprise for FY 2021-22 are \$1,478,077.68 with operating revenue of \$1,475,798.04, which would leave the net operating revenue at -\$2,279.64. President McDonald asked how the Rate Stabilization Reserve fund factors into this proposed budget. Mr. Cozad indicated that the proposed budget does not include the utilization of the Rate Stabilization Reserve funds. This fund was utilized by the District during the transition to a single unitary rate and would only be recommended for use in FY2021-22 if the Board proposes a lesser increase in the groundwater charge. He reviewed the Groundwater Council Equitable Allocation Budget for 2021-22.

Mr. Cozad reviewed the Groundwater Council's request to develop and implement a replenishment/sustainability component (replenishment charge) as part of the groundwater charge to achieve equity. Staff, District Counsel, and the Finance & Administration Committee evaluated the implementation options for adding this charge and are recommending a phase-in period. The methodology of the Equitable Allocation Model (EAM) was used to identify the replenishment charge, which is estimated at \$19.35 per AF; a five-year phase-in period was recommended which would add \$3.87 per AF each year. Mr. Cozad reviewed package page 130 which shows the average production from GC non-members within the District. Staff will hold meetings with groundwater producers to provide public outreach and obtain feedback from them on the potential implementation of this replenishment

charge. The proposed replenishment charge has been discussed and reviewed by the District's Finance & Administration Committee, District Counsel, and the Groundwater Council. Mr. Cozad reviewed package page 131, which shows the estimation of the O&M charge based on the most recent production for groundwater producers at the rate proposed. The sustainability/replenishment component estimated \$28,000 would be collected and remitted to the Groundwater Council to purchase imported water by Valley Municipal. Discussion ensued.

Mr. Cosgrove noted that the Groundwater Council is proposing the charge in order to support equitable-funding of the long-term sustainability of the basin. Director Raley expressed his concern that non-member producers outside the District boundaries would not pay a similar charge. Mr. Cosgrove indicated that the District and its partners are working together to ensure that charges are equitable for all. A majority of the non-member production outside the District Boundary is by four or five entities, and the Groundwater Council is soliciting them as members to fully participate in the plan. Staff are working to address all aspects of the issues and concerns that have been raised that are within the purview of the District. Vice President Corneille asked staff to document the increases in expenses that resulted in the need for a 5% increase in the groundwater charge. President McDonald stated that staff had been encouraged to increase the groundwater charge as required and to avoid the need for a substantial increase; in the past, after years without an increase, the District was forced to implement a significant increase. Staff has received feedback from groundwater producers opting for incremental increases rather than a substantial one. Vice President Corneille said that the CPI-U is 1.8% for this year and indicated that the budget needs to be refined to justify the increase in the groundwater charge. He asked if the charge's implementation was only for producers for over 300 AF. Mr. Cozad said it was not and that the 300 AF assessment was only for analysis purposes and the component would apply to all SB County groundwater producers. Discussion related to the proposed replenishment charge ensued. Director Stewart supports the advertisement of 5%; he also expressed concern that the replenishment charge is the same for entities who pump significantly more water from the basin as compared to what they pumped during the adjudication period and those who are producing less. Mr. Cozad indicated that the proposed replenishment charge is per acre foot, so lower production would reduce the amount they pay but does not change the rate per acre foot. Mr. Harrison of Valley Municipal spoke in support of the proposed replenishment charge expressing his belief that it is a fair and equitable approach to assure sustainability and future groundwater viability.

**It was moved by Director Longville and seconded by President McDonald to advertise a potential groundwater rate increase of 5% for FY 2021-2022, and also direct staff to advertise and provide public outreach to producers to inform them of the implementation of a replenishment/sustainability component ultimately up to \$20 per AF that would be phased in over five or more years. The motion carried 4-1 with Director Raley in opposition of the vote and President McDonald, Vice President Corneille, Director Longville, and Director Stewart voting in the affirmative.**

**President McDonald: Yes  
Vice President Corneille: Yes  
Director Longville: Yes  
Director Raley: No  
Director Stewart: Yes**

G. CONSERVATION SERVICES AGREEMENT WITH INLAND EMPIRE RESOURCES  
CONSERVATION DISTRICT FOR IMPLEMENTATION OF PERMIT CONDITIONS FOR  
THE PLUNGE CREEK CONSERVATION PROJECT

Ms. Miller introduced this item for discussion. She stated that this agreement is related to implementation of the Plunge Creek Conservation Project environmental permits. The District is required to have a designated restoration ecologist to comply with permitting requirements: Staff at the Inland Empire Resource Conservation District (IERCD) possess these qualifications and have been approved by the California Department of Fish & Wildlife (CDFW) to fulfill this role for the Plunge Creek Conservation Project. The draft agreement is included on package page 134. Mr. Cosgrove stated that the agreement outlines the five tasks that IERCD will be implementing. The final agreement for approval was shared via Zoom; the final amount is not to exceed \$43,532.90 for the agreement's first year. There will be up to four annual extensions to this agreement, which will be reviewed at the end of each year. There is a ten-day cancellation period; the District may cancel within that time frame. There are also indemnification requirements. Vice President Corneille asked why the agreement and deposit are different. Mr. Cosgrove indicated that the last details of the agreement were developed after the package. Monitoring for the San Bernardino kangaroo rat (SBKR), which is also required by the project permits, will be covered under a separate agreement.

Ms. Miller said that staff is working with USGS on a potential contract for monitoring SBKR for this project and the Wash Plan; costs were not identified for this item yet. Vice President Corneille asked to see the total costs for the entire Plunge Creek Conservation Project. Director Stewart asked why the fifth year of weed management would cost the same as the initial year. Ms. Miller said that the contract covers the full two hundred acres of land over a five-year term, so new land areas – with high cover of invasive plants – will be covered each year. The District will be working upstream to downstream in accordance with best management practices, as shown on the map on page 147.

**It was moved by Vice President Corneille and seconded by Director Longville to approve the Conservation Services Agreement with the Inland Empire Resources Conservation District and authorize the General Manager to execute in an amount not to exceed \$43,532.90. The motion carried 5-0, with all directors present voting in affirmative.**

**President McDonald: Yes  
Vice President Corneille: Yes  
Director Longville: Yes  
Director Raley: Yes  
Director Stewart: Yes**

H. COMMUNITY MITIGATION PROGRAM AGREEMENTS FOR 210 FREEWAY PROJECT

Ms. Miller said that there are three agreements for review and approval. These agreements are related to the San Bernardino County Transit Authority (SBCTA) request to purchase land for mitigation through our Community Mitigation Program, which allows other entities to purchase Conservation Easements on lands owned by the District. In April 2020, the Board reviewed and approved the Conservation Easement Deed and Endowment Agreement for this project. This is the first project to go through the Community Mitigation Program. These agreements allow the Conservation Trust, SBCTA, and the District to work together to fulfill the goals of this project. To purchase the Conservation Easement, SBCTA would be required to pay the District \$567,000. SBCTA would also be required to deposit \$58,250 into a wasting endowment for start-up actions, \$87,060 into a wasting endowment for biological surveys and land management, and \$97,591 into a non-wasting endowment: SBCTA will pay the Conservation Trust the total sum of \$242,901 to be held, managed and disbursed according to the Endowment Agreement. The

agreements are shown beginning on package page 155. Mr. Cosgrove noted that the three agreements for review and approval are the Conservation Easement Deed, Endowment Agreement, and the Agreement for Acquisition of Conservation Easement. The Conservation Easement is an exhibit to the Agreement for Acquisition of Conservation Easement. He reviewed these documents in detail. Vice President Corneille asked if these costs will be adjusted if the District needs additional work. Ms. Miller indicated that the Endowment Agreement is a fixed cost based on the requirements of the wildlife agencies. CDFW will review and approve the Conservation Easement following submittal of additional materials; legal counsel recommended approval with non-substantive changes.

**It was moved by Director Raley and seconded by Director Longville to authorize the Board President to execute the Conservation Easement Deed and the Endowment Agreement for the Deposit, Disbursement, and Use of Funds for Wasting and Non-Wasting Endowments related to the San Bernardino County Transportation Authority's State 210 Mixed Flow Lane Addition Project, subject to non-substantive revisions to both agreements as recommended by the General Manager and General Counsel. The motion carried 5-0, with all directors present voting in affirmative.**

**President McDonald: Yes  
Vice President Corneille: Yes  
Director Longville: Yes  
Director Raley: Yes  
Director Stewart: Yes**

#### I. STATE OF THE CONSERVATION TRUST REPORT

Mr. Cozad provided a PowerPoint presentation, included on package from page 204 to 221. He reviewed the purposes of the Trust, approvals, and the entire organization and background. He reviewed the investment policy for the Trust and the audit statement. The Community Mitigation Program was reviewed in brief. Vice President Corneille requested that once each year that a report on the activities of the Trust be presented to the Board.

**It was moved by Vice President Corneille and seconded Director Longville to receive and file the State of the Conservation Trust Report as presented. The motion carried 5-0, with all Board members present voting in the affirmative.**

**President McDonald: Yes  
Vice President Corneille: Yes  
Director Longville: Yes  
Director Raley: Yes  
Director Stewart: Yes**

#### J. CSDA CALL FOR NOMINATIONS FOR SEAT A, SOUTHERN NETWORK

President McDonald presented this item for discussion, noting its inclusion on package page 222. She asked if any Board members were interested in running for this seat. Director Raley expressed interest in being nominated for the CSDA board.

**It was moved by President McDonald and seconded by Director Stewart to nominate Director Raley for the CSDA Board, Seat A, Southern**

**Network, and direct staff to prepare and submit the necessary materials. The motion carried 5-0, with all Board members present voting in the affirmative.**

**President McDonald: Yes  
Vice President Corneille: Yes  
Director Longville: Yes  
Director Raley: Yes  
Director Stewart: Yes**

5. INFORMATION ITEMS

A. WASH PLAN IMPLEMENTATION AND STATE PERMITTING UPDATE

Ms. Miller provided a verbal update. The task orders are complete for the California gnatcatcher monitoring, and District contracts will be conducting fieldwork in the field next month. Surveys will likely be done in March, April, and May. Staff is working with USGS, following direction from the wildlife agencies, in order to develop an integrated protocol for SBKR monitoring for the Wash Plan and Plunge Creek Conservation Project. Staff has been coordinating land management actions and biological survey results with the San Bernardino County Flood Control District, which is managing the WSPA. Weed treatment management will begin later this year. AECOM is preparing documents for waters permits for Wash Plan Covered Activities. Staff is working with BLM regarding the Land Exchange; an appraiser has not been hired yet. CDFW has indicated they are nearing completion of their initial review of the 2081 application for Wash Plan projects, and staff expects feedback from them within the next couple of weeks. This item was received and filed.

B. ACTIVE RECHARGE TRANSFER PROJECTS STATUS REPORT NO. 5

Mr. Fogerson said that the MOU with SBCFCD was approved yesterday. The Active Recharge Transfer Projects (ARTP) is included beginning package page 229.

C. GENERAL MANAGER'S REPORT AND MONTHLY RECHARGE REPORT

Mr. Cozad indicated that the written General Manager's Report was included in the Board package on pages 244 through 247. He noted that the District received three ACWA/JPIA President's Recognition Awards on pages 248 to 251. The Monthly Recharge Report was included on package page 252. This item was received and filed. Director Raley asked for a tour of the Plunge Creek Project. Mr. Cozad indicated that staff is preparing for a tour, after the pandemic, when rain is expected. President McDonald congratulated staff on receiving the JPIA awards and expressed her appreciation for their efforts.

D. FUTURE AGENDA ITEMS AND STAFF TASKS

There were none discussed.

6. MONTHLY BOARD MEMBER MEETING REPORTS, AND/OR BOARD MEMBER COMMENTS

Vice President Corneille attended a meeting the Association of San Bernardino Special Districts (ASBCSD) meeting on January 25, the Operations Committee on January 27, and the Highland Area

Chamber of Commerce (HACC) January 26. He attended the Redlands Rise N Shine on February 5 and chaired the Advisory Commission on Water Policy (Advisory Commission) on January 14.

Director Raley attended the Advisory Commission on January 14, Conservation Trust on January 19, and the Big Bear Watermaster (BBWM) Committee meeting on January 20. He attended the Finance & Administration Committee on January 27, the Valley Municipal Board meeting on February 2, and Valley Municipal Resources Workshop on February 4. He attended the Valley Municipal Engineering Workshop on February 9.

Director Longville attended the Conservation Trust on January 19, the Finance & Administration Committee on January 27, and the Valley Municipal Board meeting on February 2. He met with the Board of Supervisor, Dawn Rowe, on February 8.

Direct Stewart attended the Advisory Commission on January 14, Operations Committee, and Finance & Administration Committee on January 27. He attended the BBWM on January 20.

President McDonald attended the Valley Municipal Engineering Workshop on February 9, met with Board of Supervisor Dawn Rowe on February 8, and Valley Municipal Resources Workshop on February 4. She attended the Valley Municipal Board meeting on February 2, the ASBCSD meeting on January 25, and the HACC meeting on January 26. She attended the Operations Committee on January 27, ACWA State Legislative Committee Meeting on January 22, and the Valley Municipal Board meeting on January 19.

#### 7. UPCOMING MEETINGS

There were none discussed.

#### 8. CLOSED SESSION

There was none held.

#### 9. ADJOURN MEETING

**It was moved by Director Raley and seconded by Director Longville to adjourn. The motion carried 5-0, with all Directors present voting in the affirmative.**

**President McDonald: Yes  
Vice President Corneille: Yes  
Director Longville: Yes  
Director Raley: Yes  
Director Stewart: Yes**

At 4:30 p.m., the meeting adjourned to the Board meeting scheduled for 1:30 p.m. on March 10, 2021, via Zoom.

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Daniel B. Cozad  
General Manager

**San Bernardino Valley Water Conservation District**  
**Expenditure Report**  
**February 2021**

<u>Num</u>	<u>Date</u>	<u>Name</u>	<u>Account</u>	<u>Class</u>	<u>Original Amount</u>
<b>PC 02.10.21</b>	<b>02/10/2021</b>	<b>Paychex</b>	<b>1012 · Citizens Busine...</b>		<b>-107.86</b>
			6042 · Payroll Processing	4-General Fund Ent.	107.86
TOTAL					107.86
<b>PC 02.24.21</b>	<b>02/24/2021</b>	<b>Paychex</b>	<b>1012 · Citizens Busine...</b>		<b>-106.34</b>
			6042 · Payroll Processing	4-General Fund Ent.	106.34
TOTAL					106.34
<b>22746</b>	<b>02/02/2021</b>	<b>AAA Alarm Systems, Inc.</b>	<b>1012 · Citizens Busine...</b>		<b>-258.00</b>
	02/01/2021		5410 · Alarm Service	4-General Fund Ent.	129.00
			5410 · Alarm Service	1-Groundwater Ent.	129.00
TOTAL					258.00
<b>22747</b>	<b>02/02/2021</b>	<b>AECOM Technical Serv...</b>	<b>1012 · Citizens Busine...</b>		<b>-51,667.50</b>
	01/28/2021		5122 · Wash Plan Profe...	5-Wash Plan	51,667.50
TOTAL					51,667.50
<b>22748</b>	<b>02/02/2021</b>	<b>American Power Security</b>	<b>1012 · Citizens Busine...</b>		<b>-820.00</b>
	01/31/2021		6026 · Redlands Plaza ...	2-Redlands Plaza/...	820.00
TOTAL					820.00
<b>22749</b>	<b>02/02/2021</b>	<b>Citizens Business Bank</b>	<b>1012 · Citizens Busine...</b>		<b>-800.70</b>
	01/13/2021		6001 · General Adminis...	4-General Fund Ent.	35.52
			6001 · General Adminis...	1-Groundwater Ent.	35.52
			6002 · Website Adminis...	4-General Fund Ent.	365.00
			6027 · Computer Softw...	4-General Fund Ent.	93.75
			6027 · Computer Softw...	1-Groundwater Ent.	6.25
			6027 · Computer Softw...	2-Redlands Plaza/...	12.50
			6027 · Computer Softw...	3-Land Resources	12.50
			6039 · Postage and Ov...	4-General Fund Ent.	80.90
			6039 · Postage and Ov...	1-Groundwater Ent.	36.78
			6039 · Postage and Ov...	2-Redlands Plaza/...	14.71
			6039 · Postage and Ov...	3-Land Resources	14.71
			6030 · Office Supplies	4-General Fund Ent.	26.04
			6030 · Office Supplies	1-Groundwater Ent.	1.63
			6030 · Office Supplies	2-Redlands Plaza/...	3.26
			6030 · Office Supplies	3-Land Resources	1.63
			6535 · Conf/Seminar R...	4-General Fund Ent.	27.00
			6535 · Conf/Seminar R...	1-Groundwater Ent.	21.00
			6535 · Conf/Seminar R...	3-Land Resources	12.00
TOTAL					800.70
<b>22750</b>	<b>02/02/2021</b>	<b>Empire Disposal</b>	<b>1012 · Citizens Busine...</b>		<b>-171.67</b>
	01/31/2021		5460 · Water / Trash / ...	4-General Fund Ent.	85.83
			5460 · Water / Trash / ...	1-Groundwater Ent.	68.67
			5460 · Water / Trash / ...	3-Land Resources	17.17
TOTAL					171.67

**San Bernardino Valley Water Conservation District**  
**Expenditure Report**  
**February 2021**

<u>Num</u>	<u>Date</u>	<u>Name</u>	<u>Account</u>	<u>Class</u>	<u>Original Amount</u>
<b>22751</b>	<b>02/02/2021</b>	<b>Erwin Fogerson</b>	<b>1012 · Citizens Busine...</b>		<b>-75.00</b>
	01/29/2021		6001 · General Adminis...	4-General Fund Ent.	37.50
			6001 · General Adminis...	1-Groundwater Ent.	37.50
TOTAL					75.00
<b>22752</b>	<b>02/02/2021</b>	<b>ESRI, Inc.</b>	<b>1012 · Citizens Busine...</b>		<b>-2,900.00</b>
	01/14/2021		7220 · Computer Softw...	4-General Fund Ent.	580.00
			7220 · Computer Softw...	1-Groundwater Ent.	870.00
			7220 · Computer Softw...	3-Land Resources	1,160.00
			7220 · Computer Softw...	5-Wash Plan	290.00
TOTAL					2,900.00
<b>22753</b>	<b>02/02/2021</b>	<b>Frontier-7275</b>	<b>1012 · Citizens Busine...</b>		<b>-156.71</b>
	01/19/2021		5440 · Telephone	4-General Fund Ent.	57.20
			5440 · Telephone	1-Groundwater Ent.	24.52
			5470 · Internet Services	4-General Fund Ent.	37.50
			5470 · Internet Services	1-Groundwater Ent.	22.50
			5470 · Internet Services	2-Redlands Plaza/...	3.75
			5470 · Internet Services	3-Land Resources	11.24
TOTAL					156.71
<b>22754</b>	<b>02/02/2021</b>	<b>IERCD</b>	<b>1012 · Citizens Busine...</b>		<b>-2,400.00</b>
	01/25/2021		6060 · Outreach	4-General Fund Ent.	840.00
			6060 · Outreach	1-Groundwater Ent.	600.00
			6060 · Outreach	3-Land Resources	798.00
			6060 · Outreach	5-Wash Plan	162.00
TOTAL					2,400.00
<b>22755</b>	<b>02/02/2021</b>	<b>JAN-PRO Cleaning Sys...</b>	<b>1012 · Citizens Busine...</b>		<b>-700.00</b>
	02/01/2021		6018 · Janitorial Services	4-General Fund Ent.	700.00
TOTAL					700.00
<b>22756</b>	<b>02/02/2021</b>	<b>Lowe's Companies, Inc.</b>	<b>1012 · Citizens Busine...</b>		<b>-65.45</b>
	01/25/2021		5210 · Equipment Maint...	1-Groundwater Ent.	65.45
TOTAL					65.45
<b>22757</b>	<b>02/02/2021</b>	<b>Netsteller</b>	<b>1012 · Citizens Busine...</b>		<b>-593.75</b>
	02/01/2021		5160 · IT Support	4-General Fund Ent.	180.00
			5160 · IT Support	1-Groundwater Ent.	225.00
			5160 · IT Support	3-Land Resources	45.00
			6027 · Computer Softw...	4-General Fund Ent.	107.81
			6027 · Computer Softw...	1-Groundwater Ent.	7.19
			6027 · Computer Softw...	2-Redlands Plaza/...	14.38
			6027 · Computer Softw...	3-Land Resources	14.37
TOTAL					593.75

**San Bernardino Valley Water Conservation District**  
**Expenditure Report**  
**February 2021**

<u>Num</u>	<u>Date</u>	<u>Name</u>	<u>Account</u>	<u>Class</u>	<u>Original Amount</u>
<b>22758</b>	<b>02/02/2021</b>	<b>ReadyRefresh by Nestle</b>	<b>1012 · Citizens Busine...</b>		<b>-142.28</b>
	01/26/2021		5460 · Water / Trash / ...	4-General Fund Ent.	71.14
			5460 · Water / Trash / ...	1-Groundwater Ent.	56.91
			5460 · Water / Trash / ...	3-Land Resources	14.23
TOTAL					142.28
<b>22759</b>	<b>02/02/2021</b>	<b>Rutan &amp; Tucker</b>	<b>1012 · Citizens Busine...</b>		<b>-1,575.00</b>
	01/21/2021		5180 · Legal	4-General Fund Ent.	22.50
			5180 · Legal	1-Groundwater Ent.	22.50
			5180 · Legal	2-Redlands Plaza/...	5.25
			5180 · Legal	3-Land Resources	1,524.75
TOTAL					1,575.00
<b>22760</b>	<b>02/02/2021</b>	<b>Watermaster Support S...</b>	<b>1012 · Citizens Busine...</b>		<b>-2,100.00</b>
	01/23/2021		5120 · Misc. Profession...	4-General Fund Ent.	630.00
			5120 · Misc. Profession...	1-Groundwater Ent.	441.00
			5120 · Misc. Profession...	3-Land Resources	1,029.00
TOTAL					2,100.00
<b>22761</b>	<b>02/02/2021</b>	<b>WEX Bank-Valero</b>	<b>1012 · Citizens Busine...</b>		<b>-204.91</b>
	01/23/2021		5320 · Fuel	1-Groundwater Ent.	204.91
TOTAL					204.91
<b>22762</b>	<b>02/04/2021</b>	<b>City of San Bernardino ...</b>	<b>1012 · Citizens Busine...</b>		<b>-40,094.38</b>
			6001 · General Adminis...	4-General Fund Ent.	40,094.38
TOTAL					40,094.38
<b>22763</b>	<b>02/16/2021</b>	<b>ACWA/JPIA-Health</b>	<b>1012 · Citizens Busine...</b>		<b>-19,096.80</b>
	02/05/2021		6110 · Vision Insurance	4-General Fund Ent.	27.68
			6110 · Vision Insurance	1-Groundwater Ent.	95.82
			6110 · Vision Insurance	2-Redlands Plaza/...	8.52
			6110 · Vision Insurance	3-Land Resources	21.29
			6110 · Vision Insurance	5-Wash Plan	44.72
			6110 · Vision Insurance	6-Active Recharge ...	14.91
			6130 · Dental Insurance	4-General Fund Ent.	108.49
			6130 · Dental Insurance	1-Groundwater Ent.	375.55
			6130 · Dental Insurance	2-Redlands Plaza/...	33.38
			6130 · Dental Insurance	3-Land Resources	83.46
			6130 · Dental Insurance	5-Wash Plan	58.42
			6130 · Dental Insurance	6-Active Recharge ...	175.26
			6150 · Medical Insurance	4-General Fund Ent.	2,346.41
			6150 · Medical Insurance	1-Groundwater Ent.	8,122.19
			6150 · Medical Insurance	2-Redlands Plaza/...	721.97
			6150 · Medical Insurance	3-Land Resources	1,804.93
			6150 · Medical Insurance	5-Wash Plan	1,263.45
			6150 · Medical Insurance	6-Active Recharge ...	3,790.35
TOTAL					19,096.80

**San Bernardino Valley Water Conservation District**  
**Expenditure Report**  
**February 2021**

<u>Num</u>	<u>Date</u>	<u>Name</u>	<u>Account</u>	<u>Class</u>	<u>Original Amount</u>
<b>22764</b>	<b>02/16/2021</b>	<b>Brownstein Hyatt Farb...</b>	<b>1012 · Citizens Busine...</b>		<b>-15,375.00</b>
	02/05/2021		5122 · Wash Plan Profe...	5-Wash Plan	15,375.00
TOTAL					15,375.00
<b>22765</b>	<b>02/16/2021</b>	<b>Castro Landscaping Se...</b>	<b>1012 · Citizens Busine...</b>		<b>-250.00</b>
	01/30/2021		6026 · Redlands Plaza ...	2-Redlands Plaza/...	250.00
TOTAL					250.00
<b>22766</b>	<b>02/16/2021</b>	<b>City of Redlands -Muni...</b>	<b>1012 · Citizens Busine...</b>		<b>-2,232.45</b>
	02/04/2021		6026 · Redlands Plaza ...	2-Redlands Plaza/...	2,232.45
TOTAL					2,232.45
<b>22767</b>	<b>02/16/2021</b>	<b>Corneille, Richard</b>	<b>1012 · Citizens Busine...</b>		<b>-5.00</b>
	02/10/2021		6425 · Meals	4-General Fund Ent.	5.00
TOTAL					5.00
<b>22768</b>	<b>02/16/2021</b>	<b>County of San Bernardi...</b>	<b>1012 · Citizens Busine...</b>		<b>-22,950.00</b>
	02/01/2021		5225 · Field Clean Up-II...	1-Groundwater Ent.	22,950.00
TOTAL					22,950.00
<b>22769</b>	<b>02/16/2021</b>	<b>Diamond Environment...</b>	<b>1012 · Citizens Busine...</b>		<b>-85.00</b>
	02/01/2021		5460 · Water / Trash / ...	4-General Fund Ent.	42.50
			5460 · Water / Trash / ...	1-Groundwater Ent.	34.00
			5460 · Water / Trash / ...	3-Land Resources	8.50
TOTAL					85.00
<b>22770</b>	<b>02/16/2021</b>	<b>Edison - 7241</b>	<b>1012 · Citizens Busine...</b>		<b>-44.68</b>
	02/11/2021		5420 · Electricity	4-General Fund Ent.	12.51
			5420 · Electricity	1-Groundwater Ent.	8.94
			5420 · Electricity	2-Redlands Plaza/...	23.23
TOTAL					44.68
<b>22771</b>	<b>02/16/2021</b>	<b>Edison - 8812</b>	<b>1012 · Citizens Busine...</b>		<b>-158.31</b>
	02/02/2021		5420 · Electricity	4-General Fund Ent.	44.33
			5420 · Electricity	1-Groundwater Ent.	31.66
			5420 · Electricity	2-Redlands Plaza/...	82.32
TOTAL					158.31
<b>22772</b>	<b>02/16/2021</b>	<b>Edison - Redlands Plaza</b>	<b>1012 · Citizens Busine...</b>		<b>-248.75</b>
	02/02/2021		6026 · Redlands Plaza ...	2-Redlands Plaza/...	248.75
TOTAL					248.75

**San Bernardino Valley Water Conservation District**  
**Expenditure Report**  
**February 2021**

03/02/21

<u>Num</u>	<u>Date</u>	<u>Name</u>	<u>Account</u>	<u>Class</u>	<u>Original Amount</u>
<b>22773</b>	<b>02/16/2021</b>	<b>Frontier-4860</b>	<b>1012 · Citizens Busine...</b>		<b>-396.99</b>
	01/28/2021		5440 · Telephone	4-General Fund Ent.	211.41
			5440 · Telephone	1-Groundwater Ent.	90.60
			5470 · Internet Services	4-General Fund Ent.	47.49
			5470 · Internet Services	1-Groundwater Ent.	28.49
			5470 · Internet Services	2-Redlands Plaza/...	4.75
			5470 · Internet Services	3-Land Resources	14.25
TOTAL					396.99
<b>22774</b>	<b>02/16/2021</b>	<b>Home Depot Credit Ser...</b>	<b>1012 · Citizens Busine...</b>		<b>-87.59</b>
	01/28/2021		5210 · Equipment Maint...	1-Groundwater Ent.	87.59
TOTAL					87.59
<b>22775</b>	<b>02/16/2021</b>	<b>Michael Guizar</b>	<b>1012 · Citizens Busine...</b>		<b>-25.81</b>
	02/09/2021		5215 · Property Mainte...	1-Groundwater Ent.	18.07
			5215 · Property Mainte...	3-Land Resources	7.74
TOTAL					25.81
<b>22776</b>	<b>02/16/2021</b>	<b>Mikael Romich</b>	<b>1012 · Citizens Busine...</b>		<b>-15,390.04</b>
	02/10/2021		5120 · Misc. Profession...	3-Land Resources	3,857.40
	02/12/2021		5120 · Misc. Profession...	3-Land Resources	4,017.40
	02/12/2021		5120 · Misc. Profession...	1-Groundwater Ent.	1,520.00
			5120 · Misc. Profession...	3-Land Resources	1,440.00
			5120 · Misc. Profession...	3-Land Resources	320.00
	02/10/2021		5120 · Misc. Profession...	1-Groundwater Ent.	680.00
			5120 · Misc. Profession...	5-Wash Plan	675.24
			5120 · Misc. Profession...	6-Active Recharge ...	160.00
			5120 · Misc. Profession...	3-Land Resources	480.00
			5120 · Misc. Profession...	3-Land Resources	1,760.00
			5120 · Misc. Profession...	5-Wash Plan	240.00
			5120 · Misc. Profession...	6-Active Recharge ...	240.00
TOTAL					15,390.04
<b>22777</b>	<b>02/16/2021</b>	<b>O'Reilly</b>	<b>1012 · Citizens Busine...</b>		<b>-27.21</b>
	01/27/2021		5310 · Vehicle Mainten...	1-Groundwater Ent.	27.21
TOTAL					27.21
<b>22778</b>	<b>02/16/2021</b>	<b>Sonoma County Water ...</b>	<b>1012 · Citizens Busine...</b>		<b>-500.00</b>
	02/16/2021		6060 · Outreach	4-General Fund Ent.	175.00
			6060 · Outreach	1-Groundwater Ent.	125.00
			6060 · Outreach	3-Land Resources	166.25
			6060 · Outreach	5-Wash Plan	33.75
TOTAL					500.00
<b>22779</b>	<b>02/16/2021</b>	<b>Terminix</b>	<b>1012 · Citizens Busine...</b>		<b>-81.00</b>
	01/15/2021		6026 · Redlands Plaza ...	2-Redlands Plaza/...	81.00
TOTAL					81.00

**San Bernardino Valley Water Conservation District**  
**Expenditure Report**  
**February 2021**

<u>Num</u>	<u>Date</u>	<u>Name</u>	<u>Account</u>	<u>Class</u>	<u>Original Amount</u>
<b>22780</b>	<b>02/16/2021</b>	<b>U.S. Bank Equipment F...</b>	<b>1012 · Citizens Busine...</b>		<b>-336.18</b>
	02/08/2021		6033 · Office Equipmen...	4-General Fund Ent.	252.13
			6033 · Office Equipmen...	1-Groundwater Ent.	16.81
			6033 · Office Equipmen...	2-Redlands Plaza/...	50.43
			6033 · Office Equipmen...	3-Land Resources	16.81
TOTAL					336.18
<b>22781</b>	<b>02/16/2021</b>	<b>Water Education Foun...</b>	<b>1012 · Citizens Busine...</b>		<b>-2,000.00</b>
	02/05/2021		6093 · Memberships	4-General Fund Ent.	2,000.00
TOTAL					2,000.00
<b>22782</b>	<b>02/16/2021</b>	<b>WEX Bank-Shell</b>	<b>1012 · Citizens Busine...</b>		<b>-767.33</b>
	02/06/2021		5320 · Fuel	1-Groundwater Ent.	767.33
TOTAL					767.33
<b>22783</b>	<b>02/16/2021</b>	<b>Wilbur's</b>	<b>1012 · Citizens Busine...</b>		<b>-247.77</b>
	02/01/2021		5215 · Property Mainte...	1-Groundwater Ent.	198.22
			5215 · Property Mainte...	3-Land Resources	49.55
TOTAL					247.77
<b>22784</b>	<b>02/25/2021</b>	<b>Angela Frame</b>	<b>1012 · Citizens Busine...</b>		<b>-50.00</b>
	02/25/2021		5120 · Misc. Profession...	1-Groundwater Ent.	50.00
TOTAL					50.00
<b>100267N</b>	<b>02/01/2021</b>	<b>PERS</b>	<b>1012 · Citizens Busine...</b>		<b>-9,558.77</b>
			6170 · PERS Retirement	4-General Fund Ent.	1,242.64
			6170 · PERS Retirement	1-Groundwater Ent.	4,301.45
			6170 · PERS Retirement	2-Redlands Plaza/...	382.35
			6170 · PERS Retirement	3-Land Resources	955.88
			6170 · PERS Retirement	5-Wash Plan	2,007.34
			6170 · PERS Retirement	6-Active Recharge ...	669.11
TOTAL					9,558.77
<b>100268N</b>	<b>02/10/2021</b>	<b>PERS</b>	<b>1012 · Citizens Busine...</b>		<b>-11,058.77</b>
			6170 · PERS Retirement	4-General Fund Ent.	1,437.64
			6170 · PERS Retirement	1-Groundwater Ent.	4,976.45
			6170 · PERS Retirement	2-Redlands Plaza/...	442.35
			6170 · PERS Retirement	3-Land Resources	1,105.88
			6170 · PERS Retirement	5-Wash Plan	2,322.34
			6170 · PERS Retirement	6-Active Recharge ...	774.11
TOTAL					11,058.77

San Bernardino Valley Water Conservation District  
**Director Fees Expenditure Payroll Report**  
February 2021

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Pay Date	Name	For Period	Director Fees	Taxes Withheld	Check Amt
2/10/2021	Corneille, R	Jan-21	\$ 1,410.00	\$ 190.97	\$ 1,219.03
2/10/2021	McDonald, M	Jan-20	\$ 705.00	\$ 62.39	\$ 642.61
2/24/2021	McDonald, M	Feb-21	\$ 1,880.00	\$ 194.87	\$ 1,685.13

**RESOLUTION NO. 585**  
**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE SAN BERNARDINO**  
**VALLEY WATER CONSERVATION DISTRICT**  
**CONCURRING IN NOMINATION TO THE EXECUTIVE COMMITTEE**  
**OF THE ASSOCIATION OF CALIFORNIA WATER AGENCIES**  
**JOINT POWERS INSURANCE AUTHORITY ("ACWA/JPIA")**

**WHEREAS**, this district is a member district of the ACWA/JPIA; and

**WHEREAS**, the Bylaws of the ACWA/JPIA provide that in order for a nomination to be made to ACWA/JPIA's **Executive Committee**, three member districts must concur with the nominating district, and

**WHEREAS**, another ACWA/JPIA member district, the South Sutter Water District has requested that this District concur in its nomination of its member of the ACWA/JPIA Board of Directors to the **Executive Committee** of the ACWA/JPIA;

**NOW, THEREFORE, BE IT RESOLVED** by the Board of Directors of the San Bernardino Valley Water Conservation District that this District concur with the nomination of Thomas A. Cuquet of South Sutter Water District to the **Executive Committee** of the ACWA/JPIA.

**BE IT FURTHER RESOLVED** that the District Secretary is hereby directed to transmit a certified copy of this resolution to the ACWA/JPIA at P.O. Box 619082, Roseville, CA 95661-9082, forthwith.

**ADOPTED** this 10th day of March 2021.

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Melody McDonald, President

ATTEST:

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Daniel B. Cozad, General Manager

**RESOLUTION NO. 586**  
**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE SAN BERNARDINO**  
**VALLEY WATER CONSERVATION DISTRICT**  
**CONCURRING IN NOMINATION TO THE EXECUTIVE COMMITTEE**  
**OF THE ASSOCIATION OF CALIFORNIA WATER AGENCIES**  
**JOINT POWERS INSURANCE AUTHORITY ("ACWA/JPIA")**

**WHEREAS**, this district is a member district of the ACWA/JPIA; and

**WHEREAS**, the Bylaws of the ACWA/JPIA provide that in order for a nomination to be made to ACWA/JPIA's **Executive Committee**, three member districts must concur with the nominating district, and

**WHEREAS**, another ACWA/JPIA member district, the Rincon Del Diablo Water District has requested that this District concur in its nomination of its member of the ACWA/JPIA Board of Directors to the **Executive Committee** of the ACWA/JPIA;

**NOW, THEREFORE, BE IT RESOLVED** by the Board of Directors of the San Bernardino Valley Water Conservation District that this District concur with the nomination of David Drake of Rincon Del Diablo Water District to the **Executive Committee** of the ACWA/JPIA.

**BE IT FURTHER RESOLVED** that the District Secretary is hereby directed to transmit a certified copy of this resolution to the ACWA/JPIA at P.O. Box 619082, Roseville, CA 95661-9082, forthwith.

**ADOPTED** this 10th day of March 2021.

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Melody McDonald, President

ATTEST:

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Daniel B. Cozad, General Manager



# San Bernardino Valley Water Conservation District

Helping Nature Store Our Water

Memorandum No. 1768

**To:** Board of Directors  
**From:** General Manager, Daniel Cozad  
**Date:** March 10, 2021  
**Subject:** Unaudited Financial Reports, February 2021

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## **RECOMMENDATION**

Review and approve the unaudited financials for February 2021.

## **BACKGROUND**

Each month staff presents the unaudited financials for the District. The reports to be presented are as of February 28, 2021.

## **DISCUSSION**

Interest income continues to be below budgeted levels due to market response to Federal Reserve rate targets. All Groundwater Council (GC) members have paid except for the City of Redlands. The City of Redlands has only recently joined the GC. Payment of Groundwater Charge and Groundwater Counsel fees will be coordinated and are expected soon. Reimbursed expenses include payments from the Conservation Trust for District staff time to work on Community Mitigation projects. Grant funds from DWR for the Plunge Creek project are still expected soon. Wash Plan revenue in the form of District loans includes state permitting fees which will primarily be reimbursed from Wash Plan participating partners. All other expenses are as expected.

## **FISCAL IMPACT**

There is no fiscal impact from reporting the financial status of the District.

## **POTENTIAL MOTIONS**

1. Move approval of the Unaudited Financials for February 2021 as presented.
2. Move to request this item be tabled and referred to Finance & Administration Committee for reconsideration of specific issues discussed.

## **ATTACHMENTS OR MATERIALS**

Graph Financials for February 2021  
Profit & Loss to Date vs. Annual Budget

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### **BOARD OF DIRECTORS**

Division 1:  
Richard Corneille

Division 2:  
David E. Raley

Division 3:  
Robert Stewart

Division 4:  
John Longville

Division 5:  
Melody McDonald

### **GENERAL MANAGER**

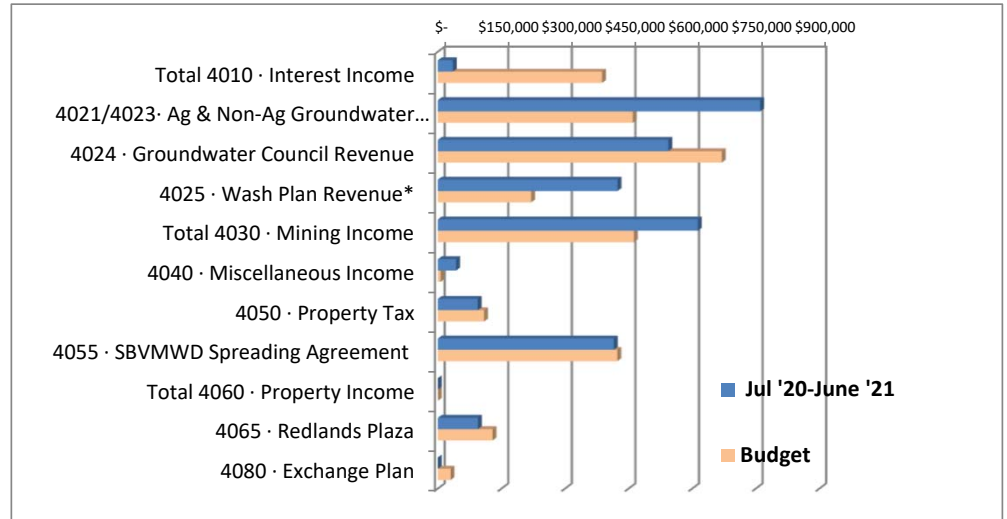
Daniel B. Cozad

**SBVWCD - All Enterprises Budget and Actual**

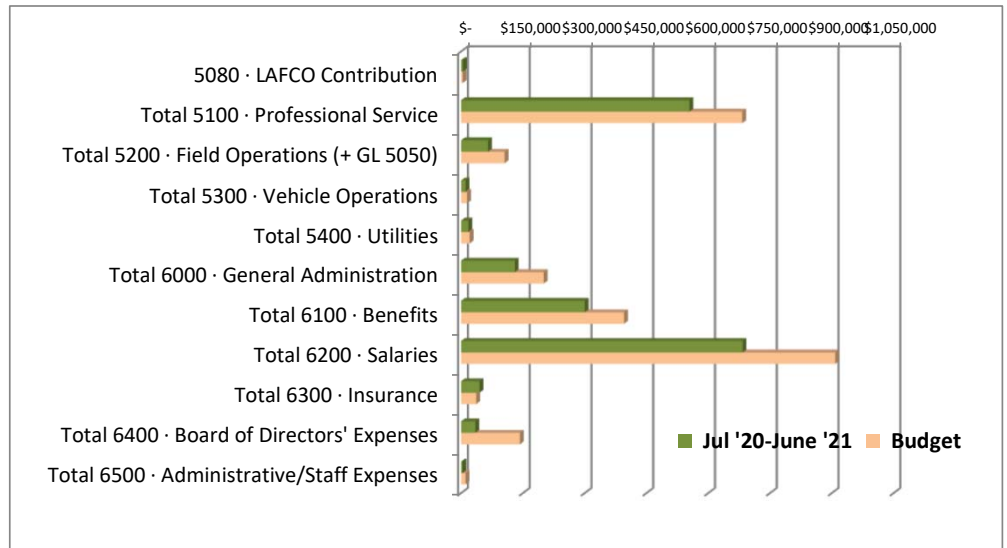
**February 2021**

<b>REVENUE</b>	<b>Jul '20-June '21</b>	<b>Budget</b>
Total 4010 · Interest Income	\$ 35,280	\$ 387,343
4021/4023· Ag & Non-Ag Groundwater Charge	\$ 760,525	\$ 459,722
4024 · Groundwater Council Revenue	\$ 543,684	\$ 670,000
4025 · Wash Plan Revenue*	\$ 423,837	\$ 220,000
Total 4030 · Mining Income	\$ 613,438	\$ 462,667
4040 · Miscellaneous Income	\$ 43,019	\$ 6,667
4050 · Property Tax	\$ 94,106	\$ 109,015
4055 · SBVMWD Spreading Agreement	\$ 415,203	\$ 423,344
Total 4060 · Property Income	\$ 100	\$ 100
4065 · Redlands Plaza	\$ 94,528	\$ 129,096
4080 · Exchange Plan	\$ -	\$ 30,000
<b>Total Revenue</b>	<b>\$ 3,023,720</b>	<b>\$ 2,897,953</b>

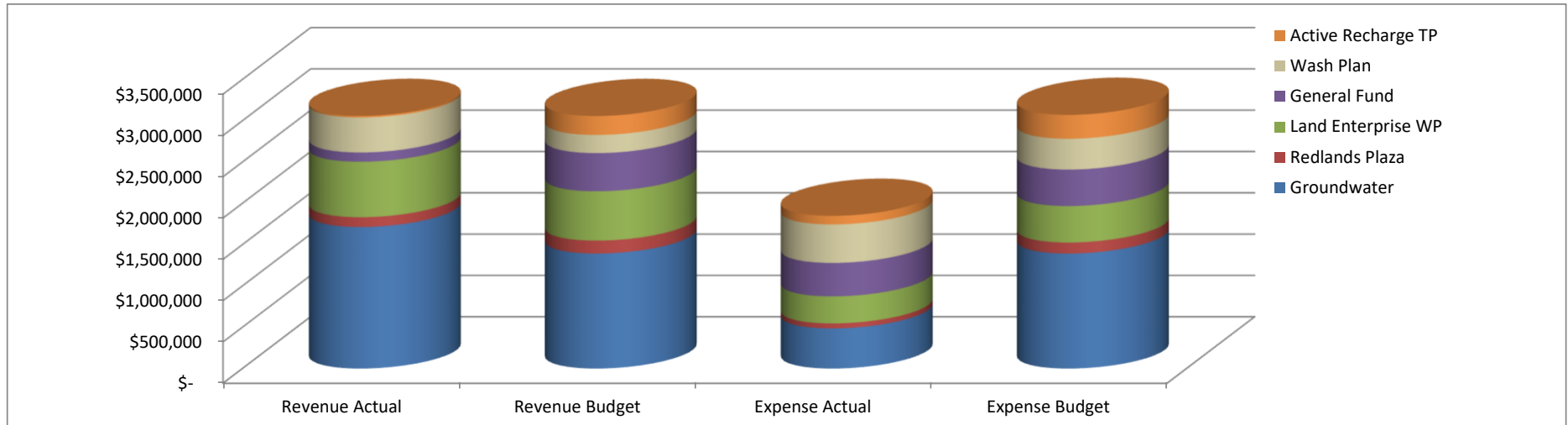
\*District loans to the WP



<b>EXPENSES Operating and Capital</b>	<b>Jul '20-June '21</b>	<b>Budget</b>
5080 · LAFCO Contribution	\$ 4,282	\$ 4,000
Total 5100 · Professional Service	\$ 554,374	\$ 682,795
Total 5200 · Field Operations (+ GL 5050)	\$ 65,242	\$ 105,704
Total 5300 · Vehicle Operations	\$ 10,704	\$ 14,499
Total 5400 · Utilities	\$ 17,621	\$ 20,712
Total 6000 · General Administration	\$ 130,449	\$ 200,711
Total 6100 · Benefits	\$ 300,165	\$ 395,699
Total 6200 · Salaries	\$ 683,463	\$ 908,289
Total 6300 · Insurance	\$ 44,961	\$ 36,700
Total 6400 · Board of Directors' Expenses	\$ 34,554	\$ 142,908
Total 6500 · Administrative/Staff Expenses	\$ 3,473	\$ 10,889
<b>Total Expense</b>	<b>\$ 1,849,288</b>	<b>\$ 2,522,906</b>



## Enterprises to Date (February 2021)



Enterprise	Actual	Budget	% of Budget
Groundwater Revenue	\$ 1,713,958	\$ 1,392,561	123%
Groundwater Expense	\$ 486,195	\$ 867,718	56%
Revenue -Expense	\$ 1,227,763	\$ 524,843	
Redlands Plaza Revenue	\$ 118,470	\$ 156,209	76%
Redlands Plaza Expense	\$ 60,331	\$ 133,456	45%
Revenue -Expense	\$ 58,139	\$ 22,753	
Land Enterprise Revenue	\$ 671,254	\$ 597,533	112%
Land Enterprise Expense	\$ 327,363	\$ 441,799	74%
Revenue -Expense	\$ 343,890	\$ 155,734	
General Fund Revenue *	\$ 112,380	\$ 462,363	24%
General Fund Expense	\$ 405,118	\$ 441,461	92%
Revenue -Expense	\$ (292,737)	\$ 20,902	
Wash Plan Revenue	\$ 423,837	\$ 220,000	193%
Wash Plan Expense	\$ 465,919	\$ 373,501	125%
Revenue-Expense	(42,081)	(153,501)	
Active Recharge TP Revenue	\$ 18,856	\$ 229,500	8%
Active Recharge TP Expense	\$ 104,362	\$ 288,970	36%
Revenue-Expense	\$ (85,506)	\$ (59,470)	
Total All Revenue - Expense	\$ 1,209,468	\$ 511,261	

Cash Status	As of 7/1/2020	As of 02/28/21
LAIF	\$ 128,186.22	\$ 430,153.54
Cal Trust	\$ 3,213,064.41	\$ 3,219,707.06
Citizens Bank	\$ 904,498.58	\$ 1,957,744.15
UBS Financial Services	\$ 1,925,315.82	\$ 1,004,639.54
US Bank-CAMP	\$ 18,725,746.48	\$ 18,750,888.44
Total Cash	\$ 24,896,811.51	\$ 25,363,132.73
Less Prepaid Royalty	\$ (5,000,000.00)	\$ (5,000,000.00)
Less ARTP obligation	\$ (18,437,500.00)	\$ (18,477,513.72)
<b>Cash Position</b>	<b>\$ 1,459,311.51</b>	<b>\$ 1,885,619.01</b>

Increase (decrease) of \$426,307.50  
Percent Increase 29.2%

\* General Fund Revenue shown here does not include overhead

San Bernardino Valley Water Conservation District  
Profit & Loss To Date vs. Annual Budget

	<u>Jul '20 - Feb 21</u>	<u>Budget</u>	<u>\$ Over Budget</u>	<u>% of Budget</u>
<b>Ordinary Income/Expense</b>				
<b>Income</b>				
<b>4010 · Interest Income</b>				
4012 · LAIF	1,534.81	2,400.00	-865.19	63.95%
4013 · Caltrust Investment Income	6,642.65	79,822.43	-73,179.78	8.32%
4014 · CalCredit Union Interest Income	0.00	3,672.00	-3,672.00	0.0%
4015 · UBS Interest Income	1,960.93	36,720.00	-34,759.07	5.34%
4016 · Interest Income ARTP	25,141.96	459,000.00	-433,858.04	5.48%
<b>Total 4010 · Interest Income</b>	<u>35,280.35</u>	<u>581,614.43</u>	<u>-546,334.08</u>	<u>6.07%</u>
<b>4020 · Groundwater Charge</b>				
4021 · Assessments - Ag	126,551.98	128,045.00	-1,493.02	98.83%
4023 · Assessments - Non-Ag	633,972.90	331,676.79	302,296.11	191.14%
4024 · Groundwater Council Revenue	543,684.00	670,000.00	-126,316.00	81.15%
<b>Total 4020 · Groundwater Charge</b>	<u>1,304,208.88</u>	<u>1,129,721.79</u>	<u>174,487.09</u>	<u>115.45%</u>
<b>4025 · Wash Plan Revenue</b>	423,837.45	220,000.00	203,837.45	192.65%
<b>4030 · Mining Income</b>				
4031 · Plant Site - CEMEX	28,000.00	48,000.00	-20,000.00	58.33%
4032 · Cemex - Royalty / Lease	549,474.31	586,000.00	-36,525.69	93.77%
4036 · Aggregate Maintenance	35,963.43	60,000.00	-24,036.57	59.94%
<b>Total 4030 · Mining Income</b>	<u>613,437.74</u>	<u>694,000.00</u>	<u>-80,562.26</u>	<u>88.39%</u>
<b>4040 · Miscellaneous Income</b>				
4041 · Reimbursed Expenses	39,281.90	0.00	39,281.90	100.0%
4040 · Miscellaneous Income - Other	3,737.02	10,000.00	-6,262.98	37.37%
<b>Total 4040 · Miscellaneous Income</b>	<u>43,018.92</u>	<u>10,000.00</u>	<u>33,018.92</u>	<u>430.19%</u>
<b>4050 · Property Tax</b>	94,106.09	124,588.24	-30,482.15	75.53%
<b>4055 · SBVMWD Spreading Agreement Reim</b>	415,202.87	423,344.11	-8,141.24	98.08%
<b>4060 · Property Income</b>				
4062 · Mentone Property	100.00	100.00	0.00	100.0%
<b>Total 4060 · Property Income</b>	<u>100.00</u>	<u>100.00</u>	<u>0.00</u>	<u>100.0%</u>
<b>4065 · Redlands Plaza</b>	94,527.84	193,643.56	-99,115.72	48.82%
<b>4066 · Redlands Plaza CAM</b>	23,657.63	40,520.36	-16,862.73	58.39%
<b>4080 · Exchange Plan</b>	0.00	30,000.00	-30,000.00	0.0%
<b>4086 · Plunge Creek IRWMP</b>	11,378.12	200,000.00	-188,621.88	5.69%
<b>4998 · Rate Stabilization From Reserve</b>	0.00	0.00	0.00	0.0%
<b>4999 · Trust Reimbursement-Wash Plan</b>	0.00	142,500.00	-142,500.00	0.0%
<b>Total Income</b>	<u>3,058,755.89</u>	<u>3,790,032.49</u>	<u>-731,276.60</u>	<u>80.71%</u>
<b>Gross Profit</b>	3,058,755.89	3,790,032.49	-731,276.60	80.71%
<b>Expense</b>				
<b>5040 · Regional Programs</b>				
5080 · LAFCO Contribution	4,281.93	4,000.00	281.93	107.05%
<b>Total 5040 · Regional Programs</b>	<u>4,281.93</u>	<u>4,000.00</u>	<u>281.93</u>	<u>107.05%</u>
<b>5050 · Basin Cleaning</b>	35,742.50	50,000.00	-14,257.50	71.49%
<b>5100 · Professional Service</b>				
5120 · Misc. Professional Services	70,693.36	130,000.00	-59,306.64	54.38%
5122 · Wash Plan Professional Services	240,898.50	245,000.00	-4,101.50	98.33%
5123 · Habitat Management-WP	0.00	142,500.00	-142,500.00	0.0%
5124 · Plunge Creek Prof Services	118,886.99	150,000.00	-31,113.01	79.26%
5125 · Engineering Services	0.00	18,000.00	-18,000.00	0.0%
5130 · Aerial Photography & Surveying	2,220.00	1,000.00	1,220.00	222.0%
5155 · WP Trails Professional Services	0.00	25,000.00	-25,000.00	0.0%
5160 · IT Support	5,145.00	7,210.00	-2,065.00	71.36%
5170 · Audit	23,840.00	26,155.00	-2,315.00	91.15%
5175 · Legal - Wash Plan	62,080.63	20,000.00	42,080.63	310.4%
5180 · Legal	30,609.31	175,000.00	-144,390.69	17.49%
<b>Total 5100 · Professional Service</b>	<u>554,373.79</u>	<u>939,865.00</u>	<u>-385,491.21</u>	<u>58.98%</u>
<b>5133 · Regional River HCP Contribution</b>	0.00	25,000.00	-25,000.00	0.0%
<b>5200 · Field Operations</b>				
5210 · Equipment Maintenance	4,789.16	6,556.36	-1,767.20	73.05%
5215 · Property Maintenance	1,550.83	42,000.00	-40,449.17	3.69%
5225 · Field Clean Up-Illegal dumping	23,159.61	60,000.00	-36,840.39	38.6%
5230 · Field Tools	0.00			
<b>Total 5200 · Field Operations</b>	<u>29,499.60</u>	<u>108,556.36</u>	<u>-79,056.76</u>	<u>27.17%</u>
<b>5223 · Temp. Field Labor</b>	0.00	11,000.00	-11,000.00	0.0%
<b>5300 · Vehicle Operations</b>				
5310 · Vehicle Maintenance	1,751.22	8,000.00	-6,248.78	21.89%
5320 · Fuel	8,953.05	13,750.00	-4,796.95	65.11%
<b>Total 5300 · Vehicle Operations</b>	<u>10,704.27</u>	<u>21,750.00</u>	<u>-11,045.73</u>	<u>49.22%</u>

San Bernardino Valley Water Conservation District  
Profit & Loss To Date vs. Annual Budget

	<u>Jul '20 - Feb 21</u>	<u>Budget</u>	<u>\$ Over Budget</u>	<u>% of Budget</u>
<b>5400 · Utilities</b>				
5410 · Alarm Service	1,105.75	1,500.00	-394.25	73.72%
5420 · Electricity	4,454.76	10,000.34	-5,545.58	44.55%
5430 · Mobile Phone	3,442.51	5,265.00	-1,822.49	65.39%
5440 · Telephone	3,978.78	8,000.00	-4,021.22	49.74%
5450 · Natural Gas	478.96	1,134.58	-655.62	42.22%
5460 · Water / Trash / Sewer	2,405.29	2,438.00	-32.71	98.66%
5470 · Internet Services	1,754.80	2,731.82	-977.02	64.24%
<b>Total 5400 · Utilities</b>	<b>17,620.85</b>	<b>31,069.74</b>	<b>-13,448.89</b>	<b>56.71%</b>
<b>6000 · General Administration</b>				
6001 · General Administration - Other	1,702.75	4,500.00	-2,797.25	37.84%
6002 · Website Administration	3,087.94	6,000.00	-2,912.06	51.47%
6003 · Property Tax	0.00	0.00	0.00	0.0%
6004 · Meeting Expenses	365.55	2,060.00	-1,694.45	17.75%
6006 · Permits	560.00	10,000.00	-9,440.00	5.6%
6007 · Inter District Costs	0.00	10,000.00	-10,000.00	0.0%
6009 · Licenses	1,650.20	1,630.53	19.67	101.21%
6010 · Surety Bond	3,025.00	1,900.00	1,125.00	159.21%
6012 · Office Maintenance	68.32	3,275.40	-3,207.08	2.09%
6013 · Office Lease Payment	45,000.00	60,000.00	-15,000.00	75.0%
6015 · Mentone House Maintenance	437.38	5,000.00	-4,562.62	8.75%
6016 · Redlands Plaza Maintenance	1,145.00	40,000.00	-38,855.00	2.86%
6018 · Janitorial Services	5,845.00	9,108.89	-3,263.89	64.17%
6019 · Janitorial Supplies	187.76	515.00	-327.24	36.46%
6020 · Vacancy Marketing-Redlands Plaz	0.00	1,500.00	-1,500.00	0.0%
6026 · Redlands Plaza CAM expenses	20,215.15	32,290.50	-12,075.35	62.6%
6027 · Computer Software	1,038.32	600.00	438.32	173.05%
6030 · Office Supplies	1,254.08	3,750.67	-2,496.59	33.44%
6033 · Office Equipment Rental	5,130.02	9,500.00	-4,369.98	54.0%
6036 · Printing	1,568.84	1,100.00	468.84	142.62%
6039 · Postage and Overnight Delivery	585.62	1,200.00	-614.38	48.8%
6042 · Payroll Processing	1,951.95	2,775.85	-823.90	70.32%
6045 · Bank Service Charges	164.91	1,575.00	-1,410.09	10.47%
6051 · Uniforms	1,139.41	2,750.00	-1,610.59	41.43%
6060 · Outreach	2,940.00	60,000.00	-57,060.00	4.9%
6087 · Educational Reimbursement	0.00	5,000.00	-5,000.00	0.0%
6090 · Subscriptions/Publications	1,312.80	1,232.00	80.80	106.56%
6091 · Public Notices	0.00	3,200.00	-3,200.00	0.0%
6093 · Memberships	30,072.83	22,042.80	8,030.03	136.43%
<b>Total 6000 · General Administration</b>	<b>130,448.83</b>	<b>302,506.64</b>	<b>-172,057.81</b>	<b>43.12%</b>
<b>6100 · Benefits</b>				
6110 · Vision Insurance	1,703.52	3,090.02	-1,386.50	55.13%
6120 · Workers' Comp. Insurance	7,308.97	19,834.77	-12,525.80	36.85%
6130 · Dental Insurance	6,398.56	13,265.60	-6,867.04	48.23%
6150 · Medical Insurance				
6150.01 · Medical Employee Contribution	-19,318.38	-28,597.42	9,279.04	67.55%
6150 · Medical Insurance - Other	141,597.99	256,353.45	-114,755.46	55.24%
<b>Total 6150 · Medical Insurance</b>	<b>122,279.61</b>	<b>227,756.03</b>	<b>-105,476.42</b>	<b>53.69%</b>
6160 · Payroll Taxes-Employer	41,320.54	97,451.74	-56,131.20	42.4%
6170 · PERS Retirement				
6170.01 · PERS Employee Contributions	-70,876.80	-44,054.08	-26,822.72	160.89%
6170 · PERS Retirement - Other	192,030.24	280,127.11	-88,096.87	68.55%
<b>Total 6170 · PERS Retirement</b>	<b>121,153.44</b>	<b>236,073.03</b>	<b>-114,919.59</b>	<b>51.32%</b>
<b>Total 6100 · Benefits</b>	<b>300,164.64</b>	<b>597,471.19</b>	<b>-297,306.55</b>	<b>50.24%</b>
<b>6200 · Salaries</b>				
6230 · Regular Salaries	683,463.44	1,362,433.86	-678,970.42	50.17%
6200 · Salaries - Other	0.00	0.00	0.00	0.0%
<b>Total 6200 · Salaries</b>	<b>683,463.44</b>	<b>1,362,433.86</b>	<b>-678,970.42</b>	<b>50.17%</b>
<b>6300 · Insurance</b>				
6310 · Property/ Auto Insurance	4,209.65	4,400.00	-190.35	95.67%
6320 · General Liability Insurance	40,751.21	32,300.00	8,451.21	126.17%
<b>Total 6300 · Insurance</b>	<b>44,960.86</b>	<b>36,700.00</b>	<b>8,260.86</b>	<b>122.51%</b>

San Bernardino Valley Water Conservation District  
Profit & Loss To Date vs. Annual Budget

	<u>Jul '20 - Feb 21</u>	<u>Budget</u>	<u>\$ Over Budget</u>	<u>% of Budget</u>
6400 · Board of Directors' Expenses				
6401 · Directors' Fees				
6401.5 · Payroll Taxes-Directors	3,894.36	0.00	3,894.36	100.0%
6401 · Directors' Fees - Other	29,654.82	94,861.31	-65,206.49	31.26%
<b>Total 6401 · Directors' Fees</b>	<b>33,549.18</b>	<b>94,861.31</b>	<b>-61,312.13</b>	<b>35.37%</b>
6410 · Mileage	0.00	4,000.00	-4,000.00	0.0%
6415 · Air Fare	0.00	2,500.00	-2,500.00	0.0%
6420 · Other Travel	0.00	500.00	-500.00	0.0%
6425 · Meals	14.10	3,500.00	-3,485.90	0.4%
6430 · Lodging	0.00	4,000.00	-4,000.00	0.0%
6435 · Conf/Seminar Registrations	991.00	5,000.00	-4,009.00	19.82%
6440 · Election Fees / Re-Districting	0.00	100,000.00	-100,000.00	0.0%
<b>Total 6400 · Board of Directors' Expenses</b>	<b>34,554.28</b>	<b>214,361.31</b>	<b>-179,807.03</b>	<b>16.12%</b>
6500 · Administrative/Staff Expenses				
6510 · Mileage	952.39	2,500.00	-1,547.61	38.1%
6515 · Air Fare	0.00	3,000.00	-3,000.00	0.0%
6520 · Travel, Other (rental car, taxi)	0.00	1,050.00	-1,050.00	0.0%
6525 · Meals	46.40	2,035.00	-1,988.60	2.28%
6530 · Lodging	0.00	3,750.00	-3,750.00	0.0%
6535 · Conf/Seminar Registrations	2,474.00	4,000.00	-1,526.00	61.85%
<b>Total 6500 · Administrative/Staff Expenses</b>	<b>3,472.79</b>	<b>16,335.00</b>	<b>-12,862.21</b>	<b>21.26%</b>
9999 · Contribution to Capital Maint.	0.00	444,000.00	-444,000.00	0.0%
<b>Total Expense</b>	<b>1,849,287.78</b>	<b>4,165,049.10</b>	<b>-2,315,761.32</b>	<b>44.4%</b>
Net Ordinary Income	1,209,468.11	-375,016.61	1,584,484.72	-322.51%
Other Income/Expense				
Other Expense				
7000 · Construction				
7010 · Materials	0.00	12,000.00	-12,000.00	0.0%
7055 · Plunge Creek Expansion	423,706.51	500,000.00	-76,293.49	84.74%
<b>Total 7000 · Construction</b>	<b>423,706.51</b>	<b>512,000.00</b>	<b>-88,293.49</b>	<b>82.76%</b>
7100 · Land & Buildings				
7110 · Property Capital Repairs	0.00	315,000.00	-315,000.00	0.0%
7120 · Property-Land Purchase	22,722.32	0.00	22,722.32	100.0%
7126 · ARTP Engr/Prof Services	0.00	500,000.00	-500,000.00	0.0%
7130 · Mentone Property (House)-CapRep	0.00	25,000.00	-25,000.00	0.0%
7140 · Mentone Property (Shop)-CapRep	0.00	0.00	0.00	0.0%
7150 · Mill Creek Diversion	0.00	1,100,000.00	-1,100,000.00	0.0%
7160 · Mendoza Property	0.00	467,000.00	-467,000.00	0.0%
<b>Total 7100 · Land &amp; Buildings</b>	<b>22,722.32</b>	<b>2,407,000.00</b>	<b>-2,384,277.68</b>	<b>0.94%</b>
7200 · Equipment & Vehicles				
7210 · Computer Hardware-Capital Purch	4,528.15	5,000.00	-471.85	90.56%
7220 · Computer Software	13,840.24	10,000.00	3,840.24	138.4%
7230 · Field Equipment / Vehicles	43,379.27	72,500.00	-29,120.73	59.83%
7240 · Office Equipment	0.00	1,500.00	-1,500.00	0.0%
<b>Total 7200 · Equipment &amp; Vehicles</b>	<b>61,747.66</b>	<b>89,000.00</b>	<b>-27,252.34</b>	<b>69.38%</b>
7400 · Professional Services Capital				
7438 · Engineering Services-Other	0.00	125,000.00	-125,000.00	0.0%
<b>Total 7400 · Professional Services Capital</b>	<b>0.00</b>	<b>125,000.00</b>	<b>-125,000.00</b>	<b>0.0%</b>
<b>Total Other Expense</b>	<b>508,176.49</b>	<b>3,133,000.00</b>	<b>-2,624,823.51</b>	<b>16.22%</b>
Net Other Income	-508,176.49	-3,133,000.00	2,624,823.51	16.22%
Net Income	<b>701,291.62</b>	<b>-3,508,016.61</b>	<b>4,209,308.23</b>	<b>-19.99%</b>



## San Bernardino Valley Water Conservation District

Helping Nature Store Our Water

Memorandum No. 1769

**To:** Board of Directors

**From:** General Manager, Daniel Cozad

**Date:** March 10, 2021

**Subject:** Groundwater Late Payer, Non-Respondents and Investigation List for GWA #55

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### **RECOMMENDATION**

Review, discuss, and direct staff to continue to investigate late payers and non-respondents for the period of July 1, 2020 – December 31, 2020.

### **BACKGROUND**

The District sent notices to all producers as it does every six months. GWA 55 covers the period from July 1 to December 31, 2020. After each assessment period's payment deadline, staff follows the Board-approved procedure, sending late notices, calling and attempting to assist any producer who has filed incorrect statements, or has failed to file or pay, or both. Each groundwater assessment cycle has both late-payers or non-paying producers. Staff makes several attempts to contact producers who have not paid and find owners for wells with new owners or managers.

### **DISCUSSION**

District staff has made contact with all unreported producers except Splash Kingdom and Doug Guyette. The Splash Kingdom is closed with extensive fire damage, and the owner has been non-responsive. After the City issues, a permit for operations staff anticipates the reporting for this well will resume. A field visit may be needed to the well owned by Doug Guyette as Staff is unable to reach him by phone, and he is no longer responding to mailed notices. The prior statements received covered periods of no production. Payment and reporting are expected to be received soon from all remaining producers.

### **FISCAL IMPACT**

Staff time.

### **ATTACHMENTS OR MATERIALS**

Past Due GW #55 Producers Investigation List

1630 W. Redlands Blvd, Suite A  
Redlands, CA 92373  
Phone: 909.793.2503  
Fax: 909.793.0188  
www.sbvwd.org Email: info@sbvwd.org

#### **BOARD OF DIRECTORS**

Division 1:  
Richard Corneille

Division 2:  
David E. Raley

Division 3:  
Robert Stewart

Division 4:  
John Longville

Division 5:  
Melody McDonald

#### **GENERAL MANAGER**

Daniel B. Cozad

# PAST DUE GW #55 PRODUCERS INVESTIGATION LIST

PRODUCERS	WELL CODE	RECORDATION	LAST PAYMENT/REPORTING	Expect Pymt/Report	Late Reporters	Field Visit Needed
1. Crafton Water Co.	1S2W29N	3600272	\$47.29/GW #54 (Jan-Jun 20)	X		
	1S2W21L02S	3602186	\$0/GW #54 (Jan-Jun 20)	X		
	1S2W30G2	3600530	\$0/GW #54 (Jan-Jun 20)	X		
	1S2W29N1	3600313	\$43.99/GW #54 (Jan-Jun 20)	X		
2. Happe Mutual Well Co.	1S2W29M01S	3600238	\$289.88/GW #54 (Jan-Jun 20)	X		
3. Montecito Memorial Park	1S4W26F01S	3600119	\$1,326.15/GW #53 (Jul-Dec 2019)	X		
	1S4W26F	3603949	\$1,326.16/GW #53(Jul-Dec 2019)	X		
4. Mountview Generating Station	1S3W18N03S	3601014	\$811.30/GW #54 (Jan-Jun 20)	X		
	1S3W18N02S	3601015	\$57.29/GW #54 (Jan-Jun 20)	X		
	01S03W18N06S	3603795	\$48.90/GW #54 (Jan-Jun 20)	X		
	01S03W18N01S	3603796	\$6,255.96/GW #54 (Jan-Jun 20)	X		
5. Patton State Hospital	1N3W29M	3602381	\$0/GW #54 (Jan-Jun 20)	X		
	1N3W29M01S	3600924	\$47.09/GW #54 (Jan-Jun 20)	X		
	1N3W29N01S	3600931	\$0/GW #54 (Jan-Jun 20)	X		
6. Raught Mutual Well Co.	1S3W14R01S	3602193	\$103.63/GW #54 (Jan-Jun 20)	X		
7. San Bernardino Valley MWD	1S3W13Q01S	3603116	\$0/GW #54 (Jan-Jun 20)	X		
8. University of CA, Riverside	1S4W27A09S	3601244	\$0/GW #54 (Jan-Jun 20)	X		
	1S4W27A10S	3601245	\$0/GW #54 (Jan-Jun 20)	X		
	1S4W27A11S	3601222	\$0/GW #54 (Jan-Jun 20)	X		
9. Laranni Gunter Well		3600160	\$0/GW #54 (Jan-Jun 20)		X	
10. New England Water Co.	1S3W16L	3602320	\$536.43/GW #54 (Jan-Jun 20)		X	
11. Piperhill Redlands LLC	1S2W30H	3601126	\$120.20/GW #54 (Jan-Jun 20)		X	
12. Splash Kingdom	1S3W29J01S	3600415	\$139.77/GW #52 (Jan-Jun 2019)		X	
13. Tennessee Water Company	1S3W16L	3600474	\$110.32/GW #53 (Jul-Dec 2019)		X	
14. Doug Guyette	1N4W36M01S	3600458	\$0/GW #53 (Jul-Dec 2019)			X
		3610007	\$0/GW #53 (Jul-Dec 2019)			X



**San Bernardino Valley  
Water Conservation District**

Helping Nature Store Our Water

Memorandum No. 1771

**To: Board of Directors**

**From: Assistant Engineer, Katelyn Scholte**

**Date: March 10, 2021**

**Subject: Final 2021 Engineering Investigation Report**

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**RECOMMENDATION**

Review, discuss and consider approval of the 2021 Engineering Investigation and review and provide any comments to District Counsel on the Draft Groundwater Resolution No. 584.

**BACKGROUND**

Over five years ago, Staff prepared the first EI Report Plan after receiving considerable input and discussion with the BTAC and other parties in the Basin. Recently, Staff has updated the plan to incorporate changes and revisions that were identified from the production of the EI Report in 2020.

Staff developed the 2021 EI Report in accordance with the updated EI plan approved by the Board last year. Staff posted the Draft EI Report and will present the report to the Board in the meeting. The next BTAC meeting will be in April and staff will offer a presentation if the BTAC is interested.

**DISCUSSION**

Generally, the EI Report process was very similar to prior years. Data for well location was requested and Katelyn Scholte verified locations, basins and wells to improve accuracy and mapping quality. This year when mapping we have locations for more than 180 wells giving a more accurate representation of the ground water elevation. Staff has not received any changes since posting, however that is very recent. Virtually all requested well levels were reported. SBVMWD will again run their model for the basin with our data to compare with the EI Report and results will be reported when complete.

The 2021 EI Report indicates precipitation was higher for the water year and for the calendar year. This year precipitation was approximately 104% of normal. The EI shows a general drop in basin water levels from the elevations from the prior year. The Lytle Creek areas increased approximately 2 feet; and most other areas of the basin have decreased between 1 and 35 feet due to a decrease in the quantity of native and State Water Project water recharged. 6,900AF of State Project Water was available for recharge in the basin in 2020. This decreased availability of imported water for groundwater recharge and average precipitation caused a decline in water levels resulting in a decrease of about 68,000 AF for the Bunker

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Hill Basin. Groundwater production was approximately the same for the previous period with 78,000 AF within SBVWCD boundaries and 154,000 AF within the Bunker Hill Basin boundary was used.

The Final EI Report with appendices is available on the District's website <http://www.sbvwd.org/reports-and-data/engineering-investigation.html>. Limited copies of the EI Report will be produced with primary distribution by Adobe Acrobat file. Staff will provide a copy for any Board member who requests them.

### **FISCAL IMPACT**

The EI Report preparation alone does not have a significant fiscal impact. Costs to produce the 2021 EI are similar to the last few years and lower than the past due to the exclusive use of in-house and intern staff for data acquisition, management, analysis, and document preparation. This represents a savings to the Groundwater Enterprise and to the District. A primary purpose of the report is to provide the basis for the Groundwater Charge in compliance with Water Code §75523. The budget for the Groundwater Enterprise covers the cost for the EI Report.

**Engineering Investigation  
of the  
Bunker Hill Basin  
2019–2020**



**Prepared By:**



February 4, 2021

# Engineering Investigation of the Bunker Hill Basin

**2019 – 2020**

**March 10, 2021**

Presentation of Findings  
SBVWCD Board of Directors & BTAC

Based on Data Received through February 2, 2021

# Purpose of EI

Article 1, Section 75560 of the California Water Code requires that a Water Conservation District proposing to levy a ground water charge “...shall annually cause to be made an engineering investigation and report upon ground water conditions of the District.”

Beyond this it has value as an independent statement of the status of the basin

# Planning and Production

- Plan approved by the SBVWCD Board
- Requested data from entities and other data sources
- Prepared report analysis with the 2005 basis as we did in 2019
- Calculated values and produced charts, maps graphics and report
- Review comments will be incorporated into final report

# Who Worked on the EI

- Katelyn Scholte: Data Management, Calculations, Draft Report, Maps, and Draft Preparation
- Erwin Fogerson and Daniel Cozad: Project Management and Review
- Basin Producers: Well Elevation and Production

# Collaborators and Data Needs

## Agencies Involved :

- City of Colton
- City of Loma Linda
- City of Redlands
- City of Rialto
- City of Riverside
- City of San Bernardino
- Cooperative Well Program
- East Valley Water District
- Fontana Water Company
- Loma Linda University
- Meeks and Daley Water Company
- Riverside Highland Water Company
- San Bernardino Valley Municipal Water District
- Southern California Edison
- United States Geological Survey
- West Valley Water District

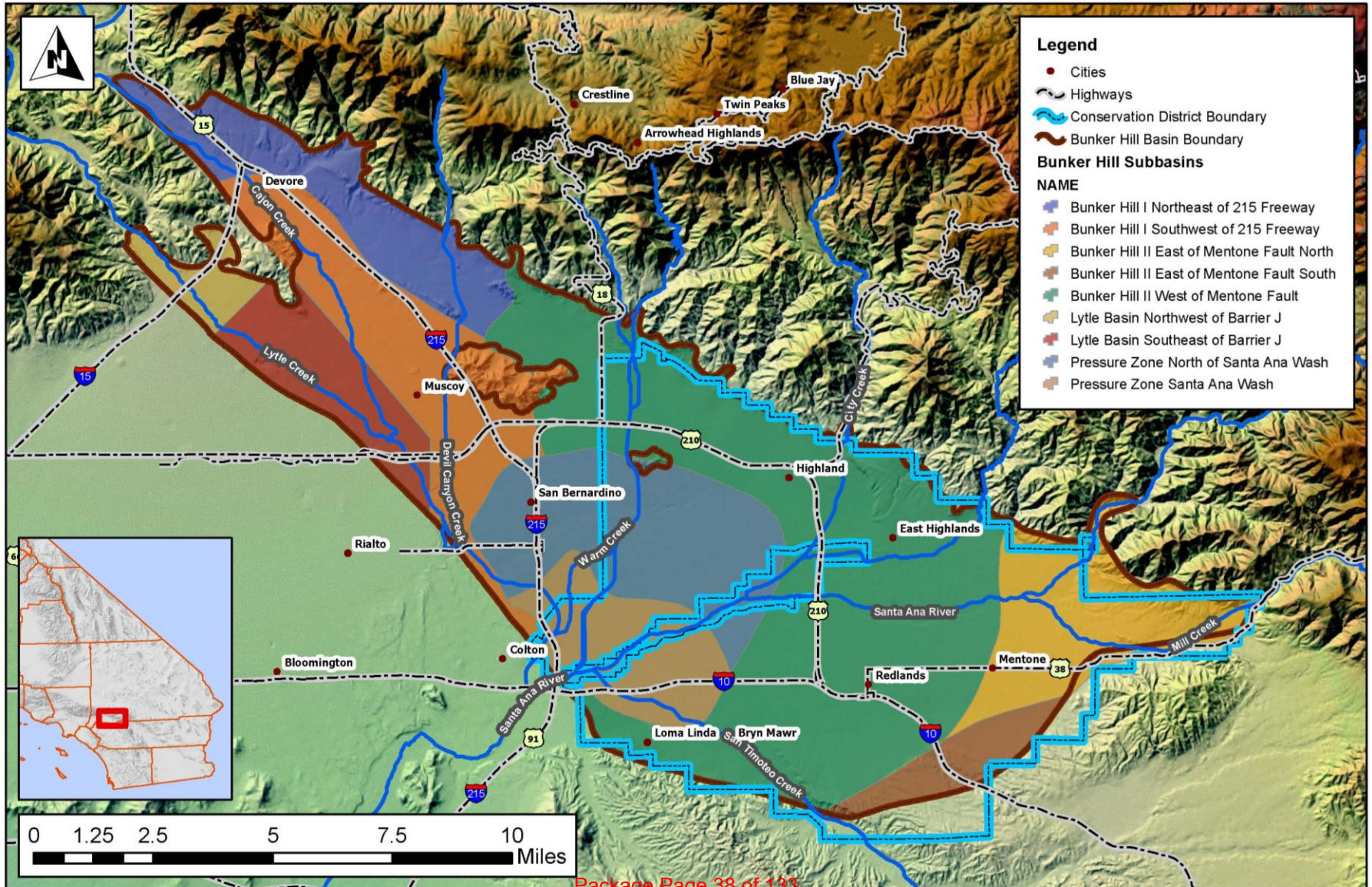
## Data Provided:

Well Elevations  
Well Production  
Water Quality Data  
GIS Locations  
Precipitation Data  
Gaging Station Data  
Diversion Data

# Steps Involved to Creating the EI

- **Request Production and Water Level Data**
- **Enter Data into Database and Appendices**
- **Perform Quality Control and cross checks**
- **Perform Analysis by Groundwater Basin**
- **Calculate Task answers**
- **Generate maps**
- **Prepare or update report text**
- **Present to Board and Basin Producers**

# Bunker Hill Sub-Basins



# Task 1: Analysis Methodology

- Current Year's Level From The Previous Water Elevation Levels' Values Yielded A Positive Value.

$$\text{Groundwater Levels in 2020} - \text{Groundwater Level 2019} = \text{Change in storage}$$



**-67,875 acre-ft  
(decrease)**

Year	Task 1	Year	Task 1	Year	Task 1	Year	Task 1
04-05	223,800	08-09	-35,600	12-13	-129,945	16-17	43,625
05-06	-62,400	09-10	56,977	13-14	-91,555	17-18	-47,788
06-07	-113,900	10-11	116,020	14-15	-47,570	18-19	152,408
07-08	-2,600	11-12	-89,775	15-16	16,820	19-20	-67,875

# Task 1: Annual Change in Storage

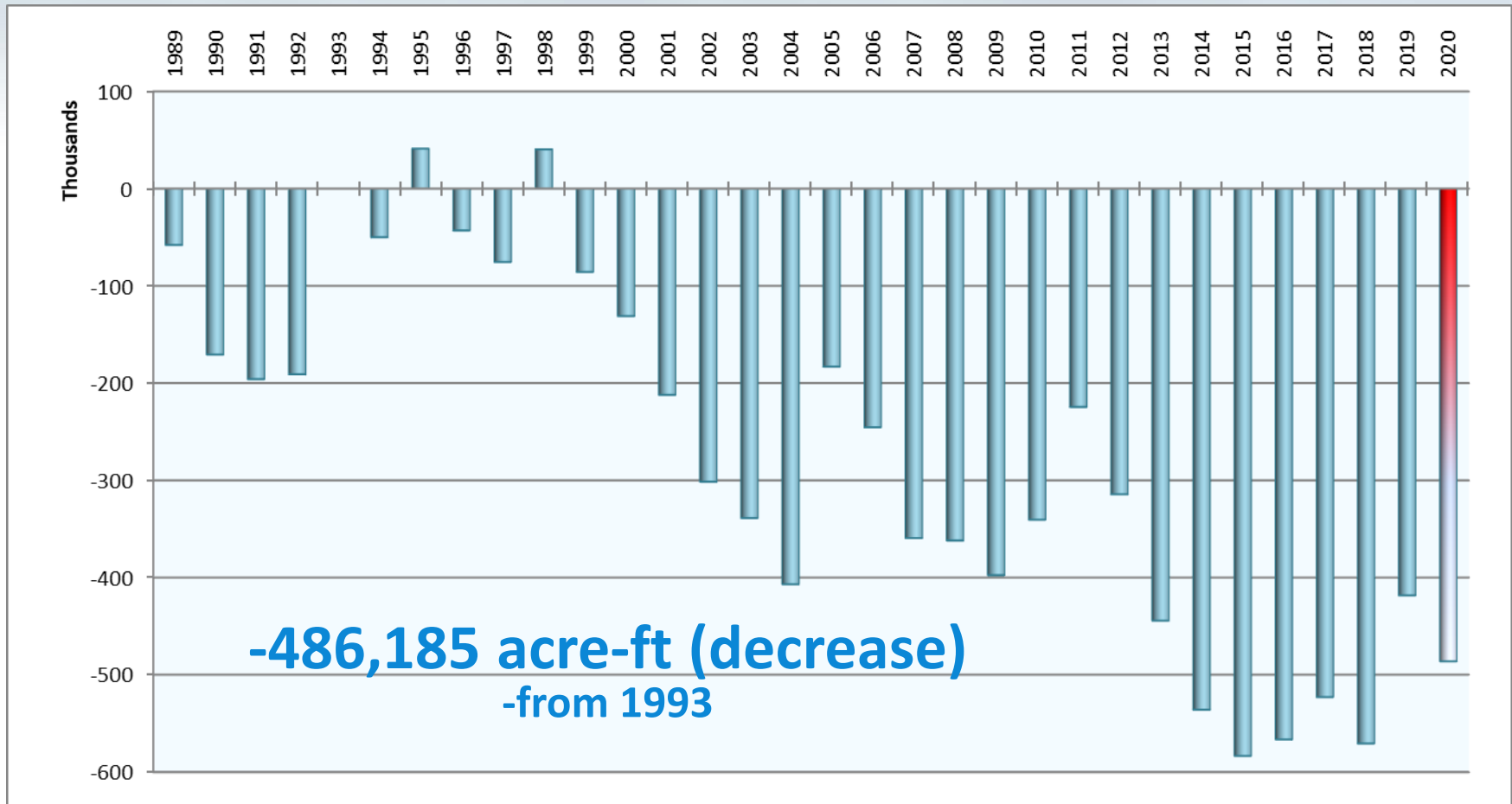
-67,875 acre-ft (decrease)

"storage properties"

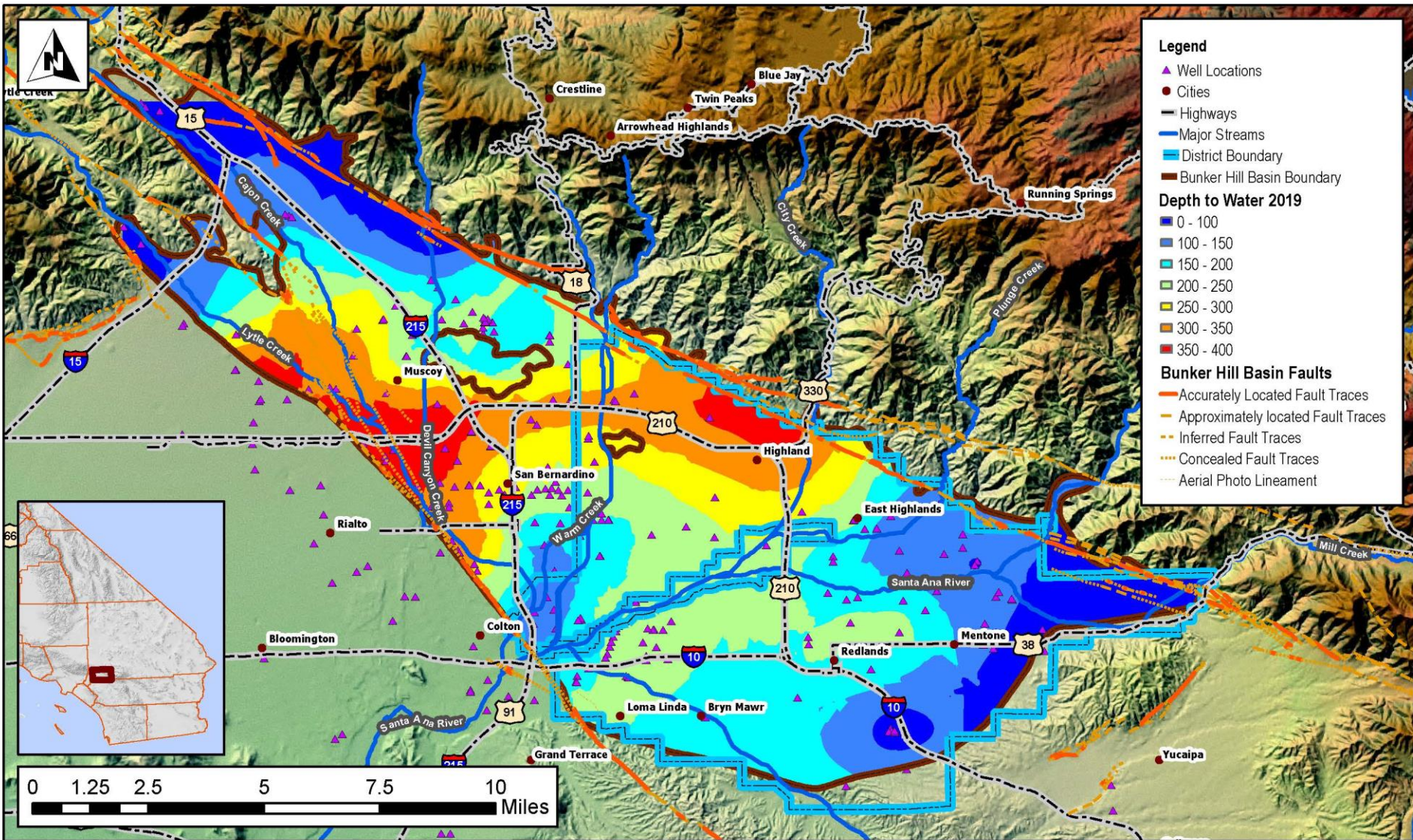
Sub-area	[1] Annual Change in Water Level 2020 [ft]	[2] Area [acres]	[3] Storativity (S)	[4] Annual Change in Storage** [acre-ft]
Bunker Hill I - Northeast of 215 Freeway	-8.8	7,795	0.11	-7,558
Bunker Hill I - Southwest of 215 Freeway	-6.0	11,714	0.09	-6,275
Bunker Hill II - West of Mentone Fault	-5.2	35,206	0.06	-10,915
Bunker Hill II - East of Mentone Fault, North	-35.0	8,584	0.13	-39,039
Bunker Hill II - East of Mentone Fault, South	-0.7	2,507	0.13	-233
Lytle Basin - Northwest of Barrier J	2.3	1,924	0.13	584
Lytle Basin - Southeast of Barrier J	3.3	5,237	0.07	1,214
Pressure Zone - North of Santa Ana Wash	-15.6	11,920	0.02	-3,708
Pressure Zone - Santa Ana Wash	-14.5	6,686	0.02	-1,945
<b>Total =</b>				<b>-67,875</b>

From Appendix A

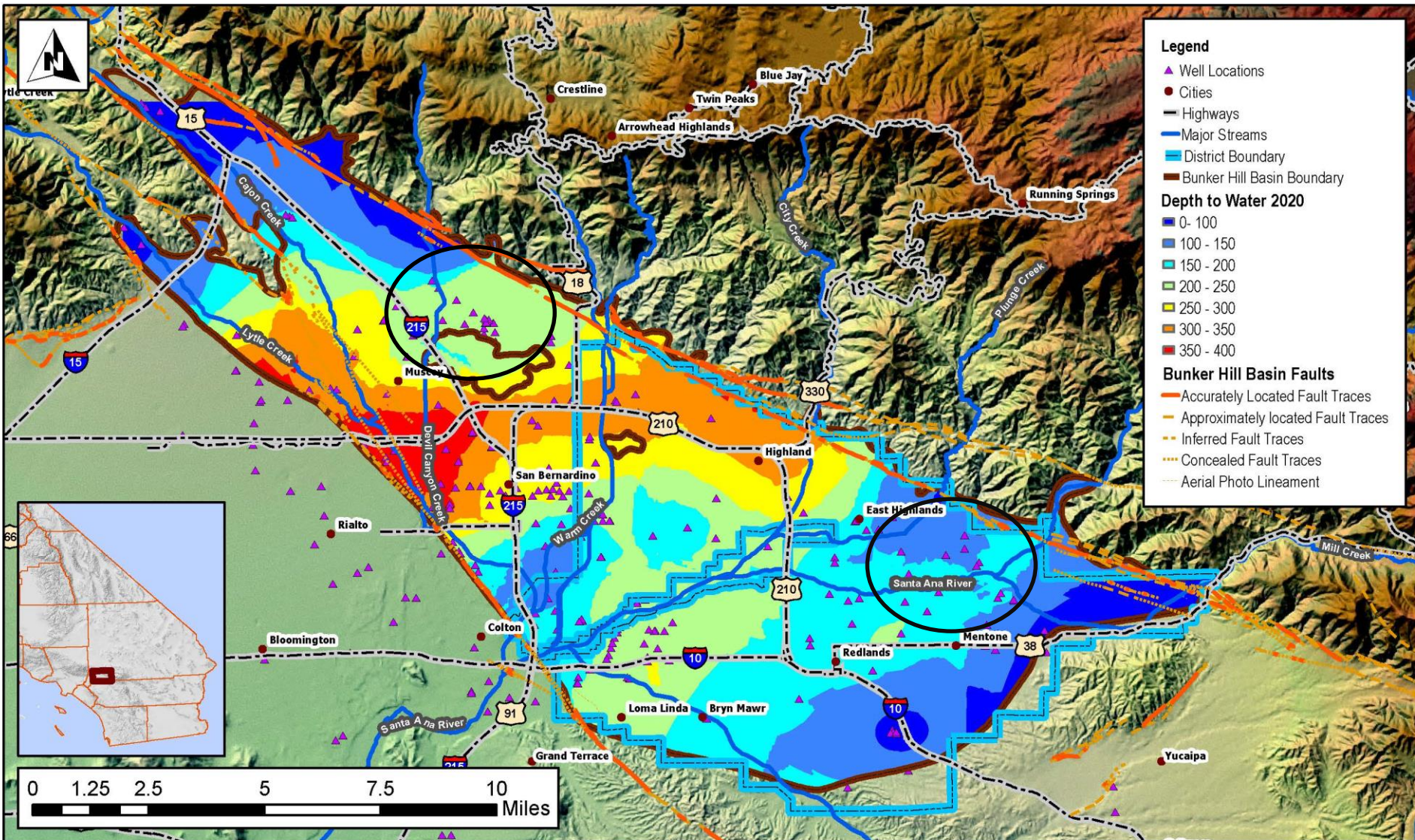
# Task 2: Accumulated Change in Storage in the Bunker Hill Basin



# Water Elevations 2019

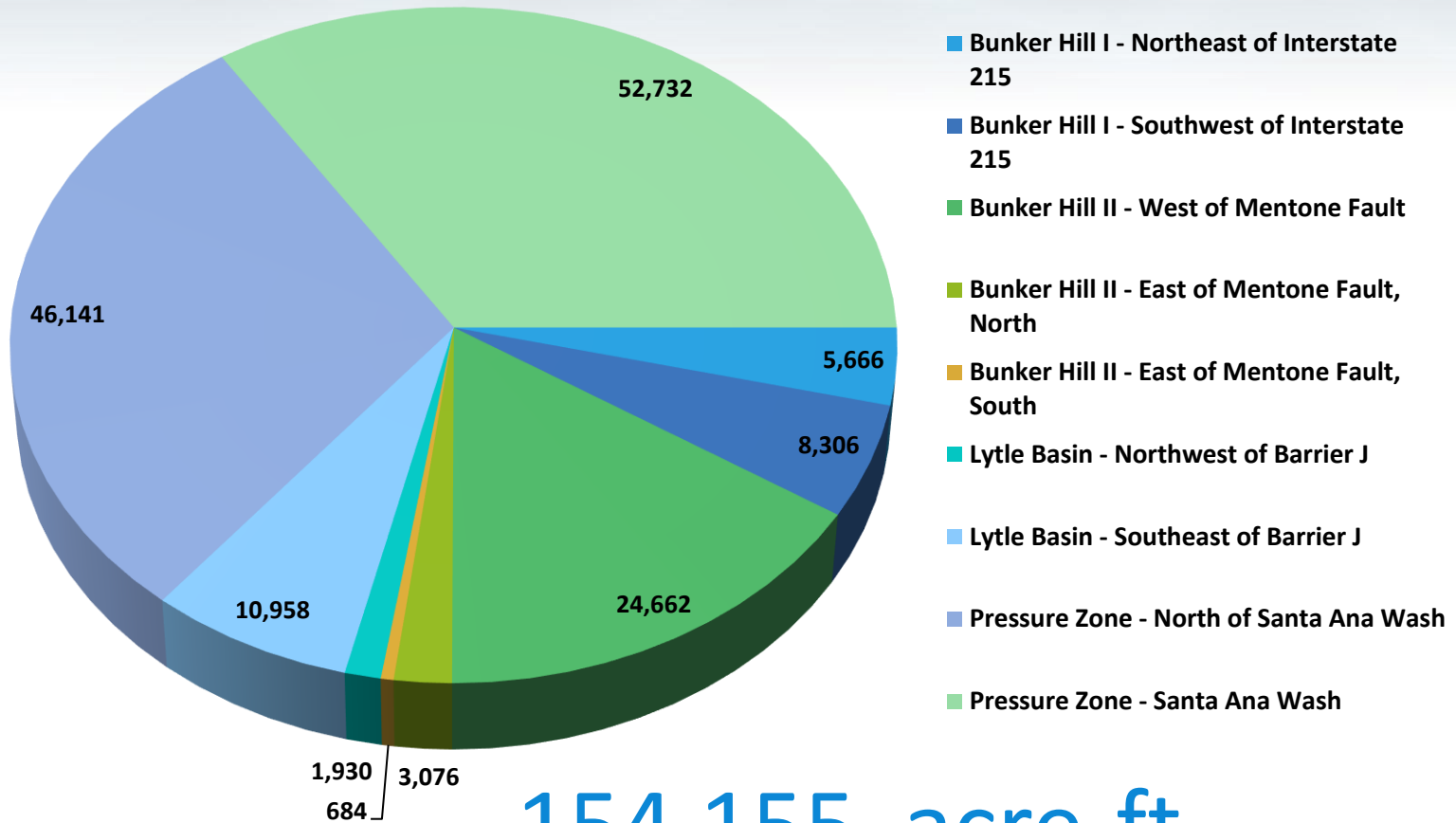


# Water Elevations 2020



# Task 3: Groundwater Production from the Bunker Hill Basin

Basin Production (Acre Feet)



154,155 acre-ft

157,354 acre-ft (2018-2019)

# Task 4: Estimated Annual Change in Storage

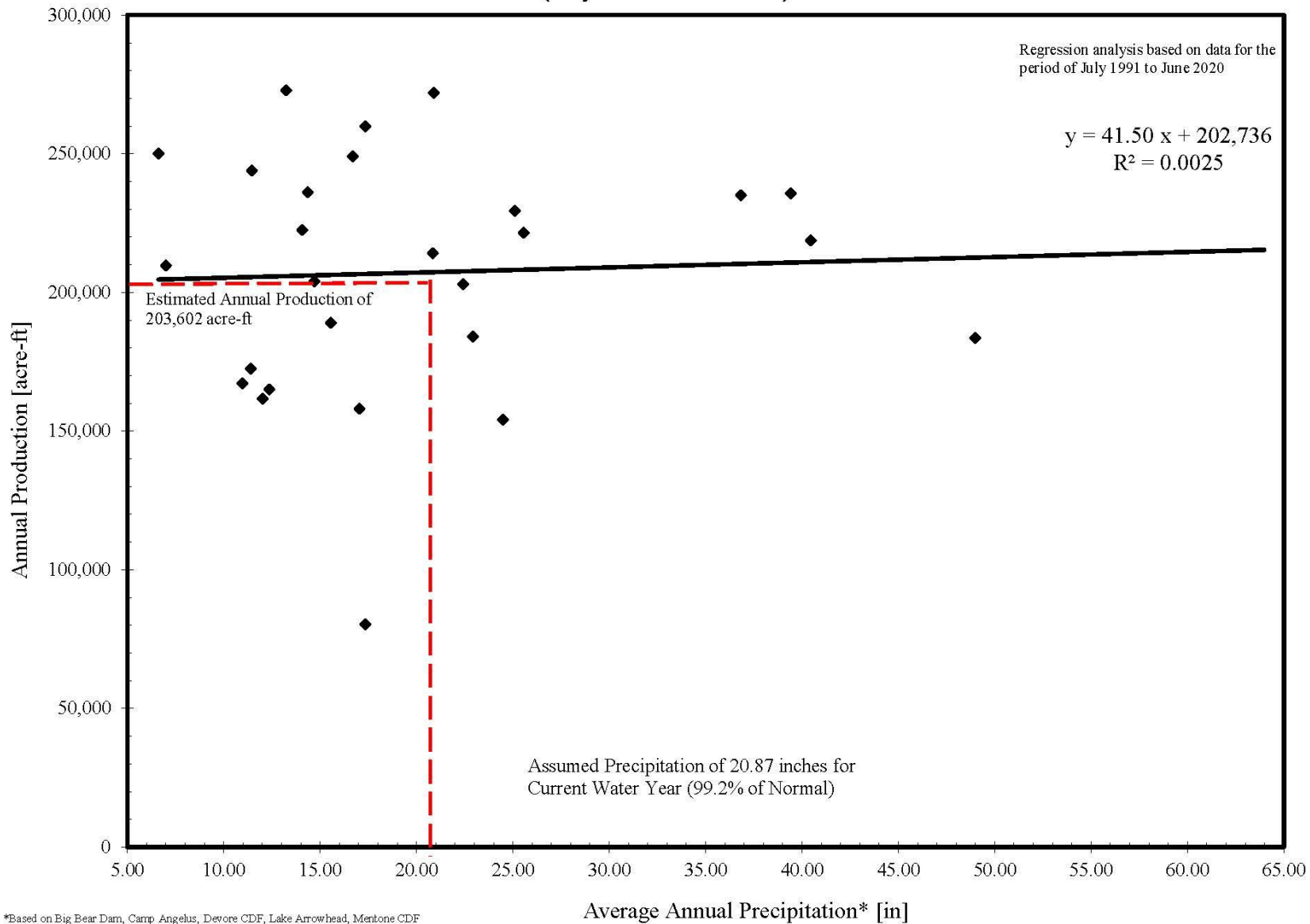
Current Year (July 1, 2020- June 30, 2021)

**-5,623 acre-ft (decrease)**

**27,658 acre-ft (2019-2020)**

# Estimate of Production for Current Water Year

(July 2020 to June 2021)



\*Based on Big Bear Dam, Carrp Angelus, Devore CDF, Lake Arrowhead, Mentone CDF, Redlands Country Club, San Bernardino County Hospital, Santa Ana Powerhouse #3, and Yucaipa CDF

# Task 5: Estimated Annual Change in Storage

**Ensuing Water Year  
(July 1, 2021 – June 2022)**

**100% of Average**

**-4,219 acre-ft (decrease)**

**-5,973 acre-ft (2019-2020)**

**50% of Average**

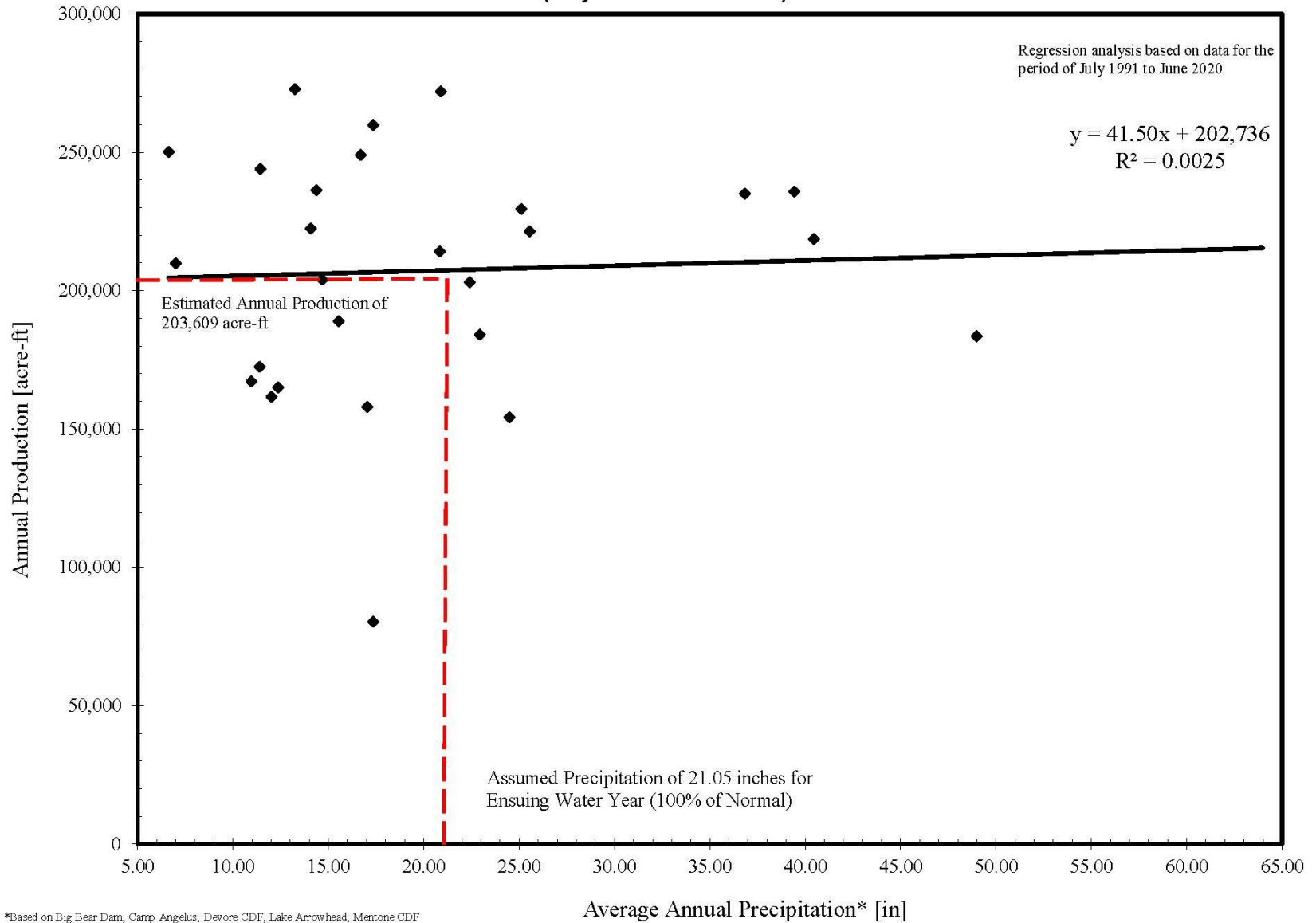
**-87,845 acre-ft (decrease)**

**150% of Average**

**+79,406 acre-ft (increase)**

# Estimate of Production for Ensuing Water Year

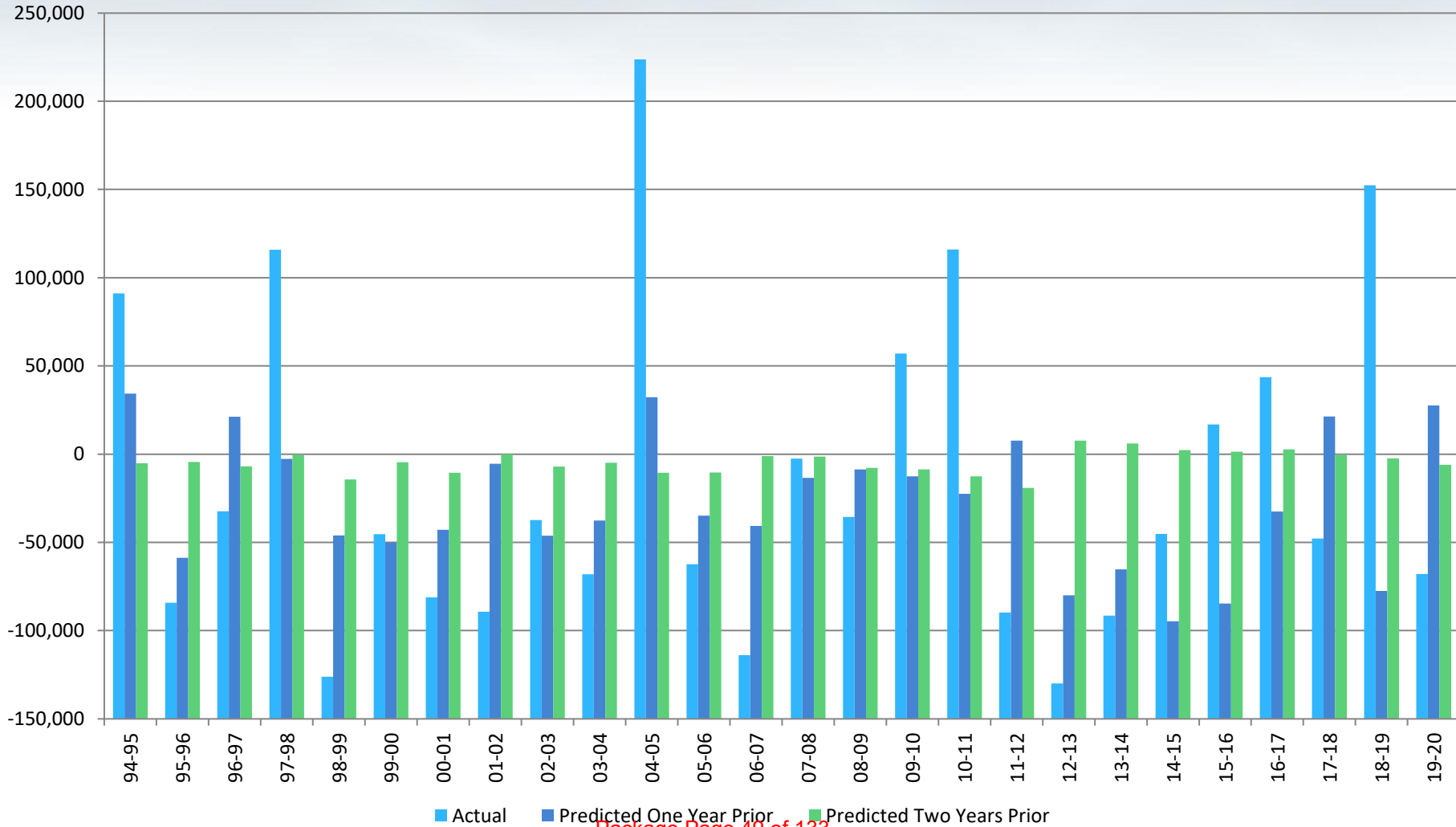
(July 2021 to June 2022)



\*Based on Big Bear Dam, Camp Angelus, Devore CDF, Lake Arrowhead, Mentone CDF, Redlands Country Club, San Bernardino County Hospital, Santa Ana Powerhouse #3, and Yucaipa CDF.

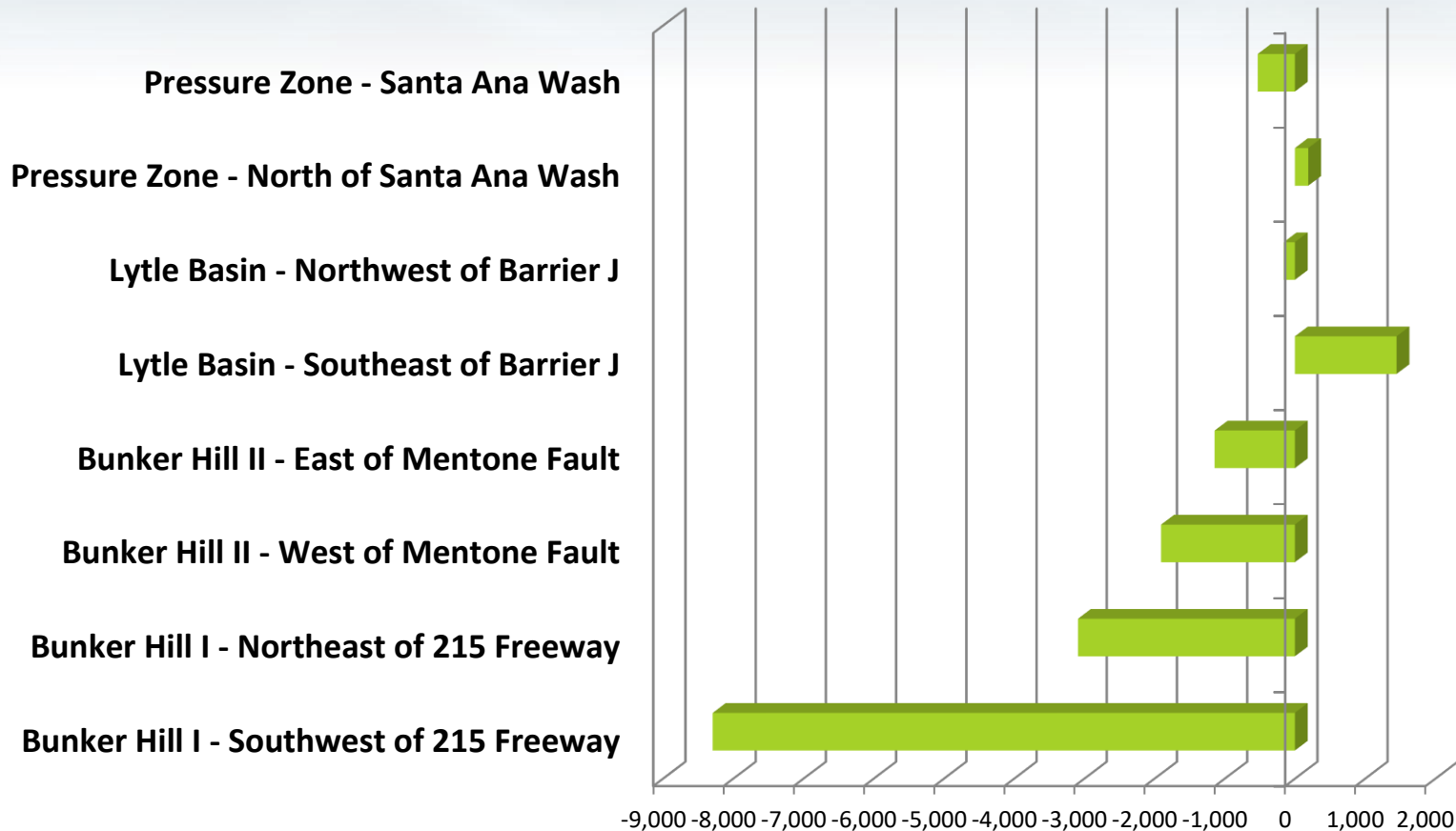
# Change in Storage Prediction

## Change in Storage Prediction Accuracy



# Task 6: Average Annual Change in Storage

Average Annual Change in Storage over 10 years in acre-ft



-13,477 acre-ft (decrease)

-3,407 acre-ft (decrease) (2020)

# Task 7: Estimated Production from District Boundaries

## Ensuing Water Year (2021-2022)

11,569 acre-ft (historically agricultural)

11,207 acre-ft (ag, previous)

91,135 acre-ft (non-agricultural)

86,772 acre-ft (non-ag, previous)

# Task 8: Estimated Surface Diversion from Basin and District

**Ensuing Water Year (2021-2022)**

**79,655 acre-ft (Basin)**

79,857 acre-ft (Basin/2019-2020)

**56,307 acre-ft (District)**

56,415 acre-ft (District/2019-2020)

# Task 9: Estimated Replenishment Required for Constant Storage

## (Ensuing Water Year)

- Indicates the groundwater replenishment from all sources, including natural recharge, required so that **no net change occurs in groundwater storage for the ensuing water year.**
- Replenishment = Production – Surface Diversions + Change in Storage

# Task 9: Estimated Replenishment Required for Constant Storage

**July 1, 2021 – June 30, 2022  
(Ensuing Water Year)**

**128,173 acre-ft (Basin)**

127,462 acre-ft (Basin/2019-2020)

**106,923 acre-ft (District)**

99,902 acre-ft (District/2019-2020)

# Task 9: Replenishment Required to Reach the 1993 “Full” Level

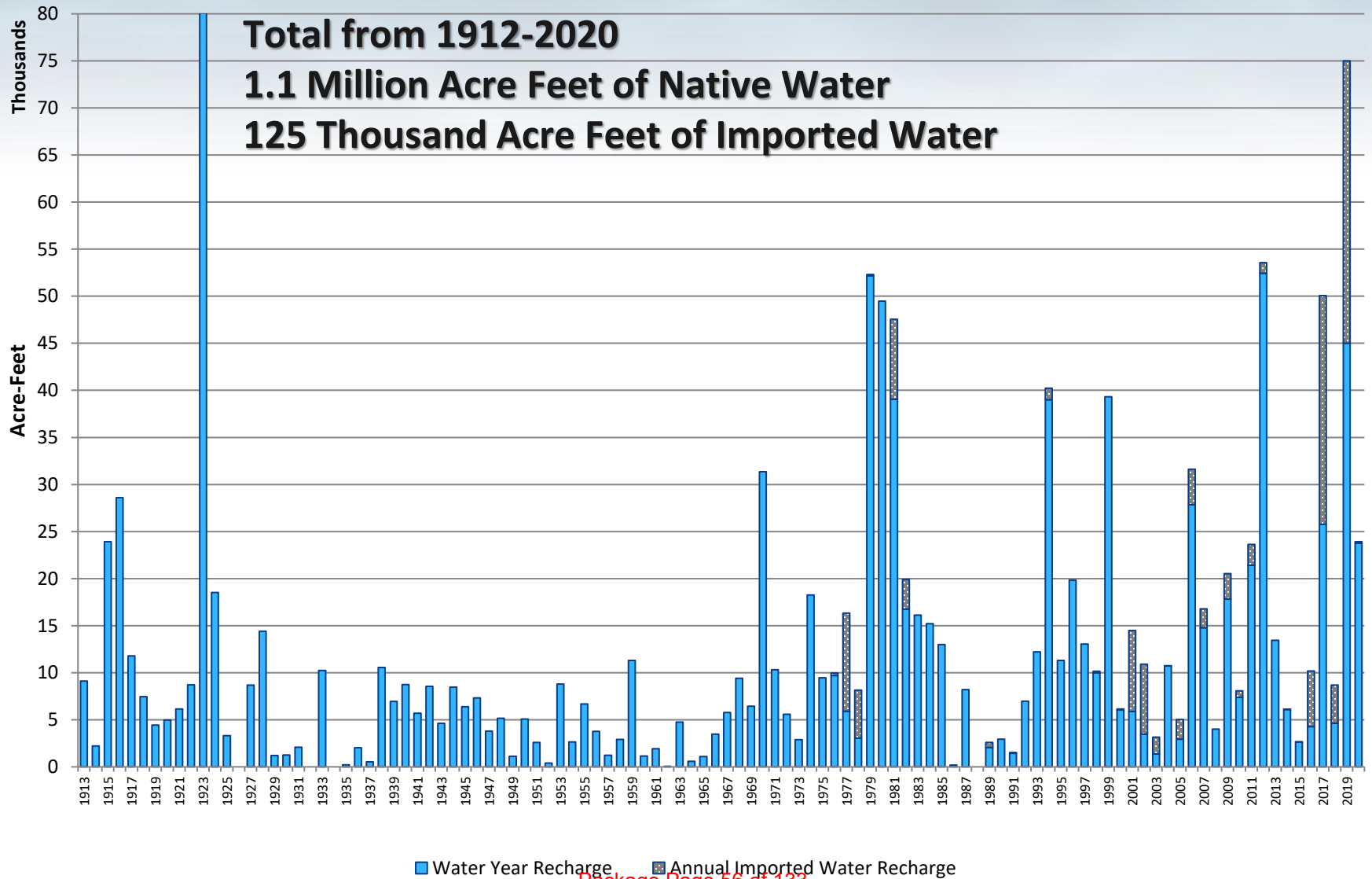
**(Ensuing Water Year)**

**619,981 acre-ft**

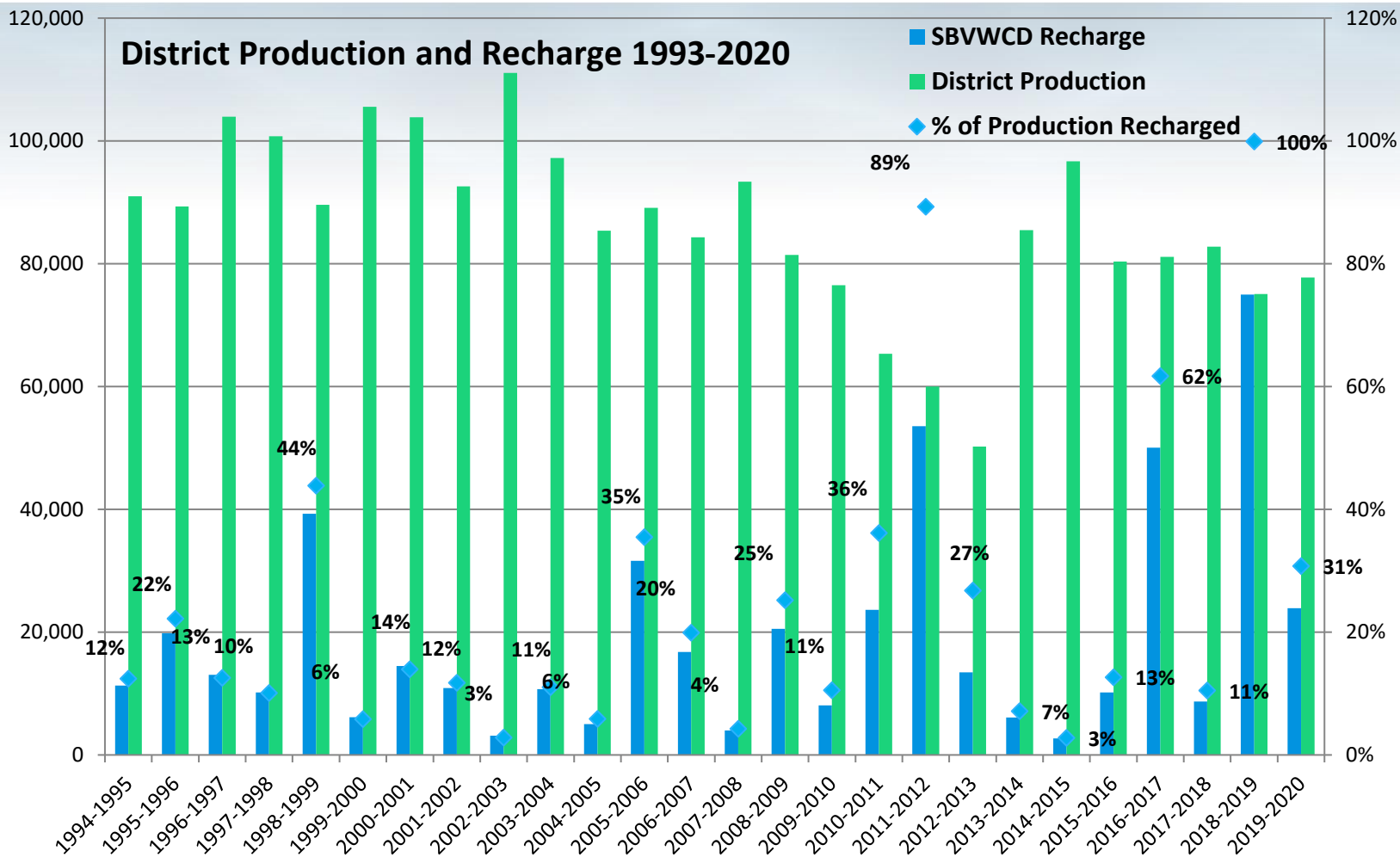
**518,114 acre-ft (2019-2020)**

Sum of the preceding year accumulated change in storage (Task 2), the current year annual change in storage (Task 4), and the ensuing year replenishment figure (Task 9).

# Acre Feet of Native and Imported Water Recharged to the Bunker Hill Basin by the District



# Acre Feet of Conserved Water Recharge to the Bunker Hill Basin



Average 1995-2020 - 22%  
 5 year rolling average - 42%

RESOLUTION NO. 584

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE  
SAN BERNARDINO VALLEY WATER CONSERVATION  
DISTRICT ESTABLISHING A GROUNDWATER CHARGE ON THE PRODUCTION OF  
GROUNDWATER WITHIN DISTRICT BOUNDARIES, AND MAKING CERTAIN FINDINGS  
RELATIVE THERETO**

**WHEREAS**, California Water Code, Division 21, Part 9 provides authority for the San Bernardino Valley Water Conservation District to consider and impose a groundwater charge on groundwater production within the District; and

**WHEREAS**, the California Legislature has found, in Water Code Section 75521, that such groundwater charges are in furtherance of District activities in the protection and augmentation of water supplies for users, which are necessary for the public health, welfare and safety; and

**WHEREAS**, Water Code Section 75523 allows for the use of proceeds from a groundwater charge for any District purposes, which may be authorized by law; and

**WHEREAS**, The District has presented a budget showing the needs and uses of the Groundwater Charge revenues for 2021-2022 water year; and

**WHEREAS**, at the regular meeting of the Board of Directors on March 10, 2021, the District accepted an Engineering Investigation report, relating to groundwater conditions in the Bunker Hill Basin underlying the District boundaries; and

**WHEREAS**, the Preliminary Groundwater Enterprise Budget and rate recommendations were presented to the Groundwater Council on January 11, 2021; and

**WHEREAS**, The Basin Producers, as well as the District, have formed a Groundwater Council, and in connection with that Groundwater Council have entered into the San Bernardino Basin Groundwater Council Framework Agreement (“GC Agreement”), which includes regional cooperation among its member entities to perform an annual review of the needs for, and funding, of various maintenance costs for facilities used to replenish the Bunker Hill Basin, including facilities owned or managed by the District, pursuant to an agreed Equitable Allocation formula developed as part of the GC Agreement. the GC Agreement likewise includes a mechanism for contribution by its member entities toward funding and procuring funds to secure additional imported water supplies for recharge of the Bunker Hill Basin, when such supplies are available, the costs of which are allocated pursuant to a replenishment/sustainability component cost-sharing structure, to recharge additional imported water purchased by the GC; and

**WHEREAS**, the California Supreme Court decision in the case of *City of San Buenaventura v. United Water Conservation District*; Case No. S226036 (“Ventura Decision”) resolved previously outstanding legal issues relating to the procedures and constitutional requirements attending the levy and collection of groundwater charges under applicable authorizing statutes, pertaining to water conservation districts like the District; and

**WHEREAS**, under that opinion, the California Supreme Court clarified that such groundwater charges are not “property related charges” under California Constitution Article XIII D (Proposition 218), but did affirm that such charges are governed by California Constitution Article XIII C (Proposition 26), such that the charge must be set at a rate that in the aggregate is no more than is necessary to cover the reasonable costs of the governmental activity for which it is charged, and that the manner in which those costs are allocated to a payor bear a fair or reasonable relationship to the payor’s burdens on, or benefits received from, the governmental activity; and

**WHEREAS**, the California Supreme Court’s opinion in the Ventura Decision cast serious legal doubt on the continuing validity of the statutory differentials in groundwater charge rates provided under Water Code section 75594, which dictates that groundwater charges for non-agricultural uses be three to five times greater than agricultural uses; and

**WHEREAS**, the District in compliance with the procedural and constitutional requirements clarified by the California Supreme Court in the Ventura Decision, shifted its groundwater charge to eliminate differentials in agricultural and non-agricultural uses, having implemented a three-year rate stabilization mechanism to ease the transition of agricultural users, who historically paid lower per acre-foot rates, to the unitary rate that is more in line with current legal guidance; and

**WHEREAS**, the District provided mailed notice to all groundwater producers within its District boundaries of a public meeting held on April 14, 2021, and a public hearing held on April 28, 2021, inviting all

groundwater producers and all persons interested in the condition of groundwater or surface water supplies of the District to appear and submit evidence, and inviting all water producers to examine the Engineering Investigation report; and

**WHEREAS**, the Board of Directors conducted a public meeting on April 14, 2021, and a public hearing on April 28, 2021, to receive comment and evidence submitted by the public at such hearing; and

**WHEREAS**, the District has made available by wide distribution, beginning on February 10, 2021, a Groundwater Enterprise Budget identifying the proposed use of the estimated Groundwater Charge proceeds, which will be subsequently incorporated in the District budget; and

**WHEREAS**, the Board has considered the Engineering Investigation report, applicable groundwater enterprise budgets, and considered all comments and evidence presented to it at the public meetings and hearings; and

**WHEREAS**, the District's ad valorem tax revenues are limited, and the District receives relatively low return in the way of interest on reserves; and

**WHEREAS**, on the basis of all evidence presented, including the Engineering Investigation report and such public comment, the Board has determined that it is appropriate and in the best interests of the District and all those water users who rely, directly or indirectly, on the District's services, to levy a groundwater charge as further provided herein; and

**WHEREAS**, pursuant to a request received from the San Bernardino Basin Groundwater Council ("Council:), the District is including within its groundwater charge for the 2021-2022 cycle a Replenishment/Sustainability component, to be imposed on entities subject to the District's Groundwater Charge that are not members of the Council. This Replenishment/Sustainability component is designed to assure that all users of the Bunker Hill Basin who profit from not only the maintenance and operation of the District for groundwater recharge facilities serving the Bunker Hill Basin, but also the acquisition and application to basin recharge of imported water supplies, contribute ratably, proportionately to those contributions of the members of the Groundwater Council, toward such efforts, which efforts inure to the benefit of the basin as a whole, and each of its users. The Council supports phasing in this charge over several years. The proposed amount of such component is \$19.35 per acre foot, but could range from \$2.50-\$20 per acre foot over time depending on the phase-in period approved; and

**NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE SAN BERNARDINO VALLEY WATER CONSERVATION DISTRICT AS FOLLOWS:**

- Section 1. As required by Water Code Section 75574, the Board hereby makes the following findings:
- A. Annual Change in Storage in those portions of the Bunker Hill Basin lying within the District's boundaries ("Bunker Hill Basin" herein), Fall 2019 to Fall 2020, is a decrease of 67,875 acre-feet or more.
  - B. Accumulated Change in Storage in the Bunker Hill Basin as of the Last Day of the Preceding Water Year (using 1993 as base year) is -486,185 acre-feet or more.
  - C. Total Groundwater Production from the Bunker Hill Basin from the Preceding Water Year July 1, 2019 to June 30, 2020 is 154,155 acre-feet.
  - D. Estimate of the Annual Change in Storage for the Current Water Year (July 1, 2020 to June 30, 2021) in the Bunker Hill Basin is -5,623 acre-feet or more.
  - E. Estimate of the Annual Change in Storage for the Ensuing Water Year (July 1, 2021 to June 30, 2022) in the Bunker Hill Basin is -4, 219 acre-feet.
  - F. Average Annual Change in Storage for the Immediate Past Ten Water Years in the Bunker Hill Basin is -13,477 acre-feet or more.
  - G. Estimated Amount of Agricultural Water Withdrawn from the Groundwater Supplies of the District for the Ensuing Water Year (July 1, 2021 to June 30, 2022) is 11,569 acre-feet.
  - H. Estimated Amount of Other-than-Agricultural Water Withdrawn from the Groundwater Supplies of the District for the Ensuing Water Year (July 1, 2021 to June 30, 2022) is 91,135 acre-feet.
  - I. Estimated Amount of Water Necessary for Surface Distribution for the Ensuing Water Year (July 1, 2021 - June 30, 2022) within the Bunker Hill Basin is 79,655 acre-feet.
  - J. Estimated Amount of Water Necessary for Surface Distribution for the Ensuing Water Year (July 1, 2021 - June 30, 2022) for the District is 56,307 acre-feet.

- K. The Amount of Water which is Necessary for the Replenishment of the Groundwater Supplies of the Bunker Hill Basin to maintain constant groundwater supplies for the Ensuing Water Year (July 1, 2021 to June 30, 2022) is 128,173 acre-feet.
- L. The Amount of Water which is necessary from all sources, including natural recharge to bring the basin back to its "full" condition of 1993 is 619,981 acre-feet.

Section 2. The Board of Directors hereby finds that the entire District constitutes a single zone of benefit for the imposition of this charge. The basis for this finding is that the entire portion of the basin underlying the District boundary is fed by the same naturally occurring surface flows. Although the basin may be divided into various subparts, because of hydrogeological conditions these areas are interconnected, and water recharged by the District from its existing recharge facilities contributes to underground "flows" which eventually reach other subparts of the basin. Thus, the District's recharge inures to the benefit of users in other areas by enhancing the availability of water supplies throughout the basin. In addition, the District maintains both the availability of surface water flows for groundwater recharge, and the facilities for accommodating the recharge, whether by the District or by other parties pursuant to collaborative regional groundwater management efforts. The District likewise undertakes habitat enhancement and preservation measures, providing an important source of offsetting mitigation land for disturbances occasioned by the maintenance of existing groundwater recharge facilities, and the development of new ones.

Section 3. The Board finds that there is no past accumulation of the amount of water necessary to be replaced in the intake areas of the groundwater basins within the District to prevent the landward movement of salt water into the fresh groundwater body, or to prevent subsidence of the land within the District, either in the past water year or the proceeding 10 years, nor is there likely to be any amount of water necessary for these purposes in the ensuing water year. The Board further finds that the District is not obligated by contract to purchase any water, though depending on the decision making processes of the Groundwater Council, the District may be asked to help fund regional purchases of imported water to augment native water supplies, in amounts presently unknown. The Board also finds that further recharge of the basin is required based upon the findings related to change in storage stated in Section 1 above, to prevent depletion or degradation to the basin's groundwater supplies, to enhance both the availability and accessibility of such supplies, and to replenish, augment, and protect such supplies, and that the proceeds of the groundwater charge established herein shall be used for such purposes.

Section 4. The Board of Directors hereby levies, assesses and affixes a groundwater charge in the amount of \$14.54 per acre foot of water produced, to be applicable to all production (agricultural and non-agricultural use). The Board imposes this unitary rate in response to, and in an attempt to comply with, the Ventura Decision, but also because the District has not historically segregated either facilities or groundwater charge-funded efforts based on agricultural vs. non-agricultural use basis. Nor has the District undertaken studies to isolate a predominantly agricultural producing zone or region within the District boundaries, and even if such an area were to be isolated, there is some question based on existing facts and circumstances whether the benefits and burdens of the District's groundwater management and replenishment services could support a rate differential based on agricultural use. Late charges on delinquent accounts will be 1% interest per month in accordance with Water Code §75615 et seq. and any additional actual costs to collect delinquent amounts not paid by August 1, 2021 and February 1, 2022

Section 5. Exemptions:

A. Notwithstanding the foregoing, for producers who can demonstrate that their production for the water year is restricted to basic, personal residential use limited to the property on which the applicable groundwater production facility is based, and the total cumulative production for the applicable producer within the District is not in excess of two (2) acre feet over the course of the water year; such production shall be exempted from the groundwater charge provided the producer documents its exemption prior to semi-annual collection of the groundwater charge. In establishing this exemption, the Board finds that the likely revenues to be derived from the groundwater production subject to the exemption is outweighed by the administrative burdens in administering and collecting the charge. The District General Manager is authorized to waive late fees with explanation and request from payees or if the cost of recovery outweighs the fee to be collected.

B. To the extent that a party who is a member of the Groundwater Council has paid a maintenance and operation charge through the Equitable Allocation based upon an approved budget for the Groundwater Council that includes the maintenance and operations costs reflected in the District's budget showing the needs and uses of the Groundwater Charge for 2021-2022 water year, and such payment is remitted to the District, the General Manager is authorized to accept such Equitable Allocation payment as payment in full for groundwater charges due from that party's production for the applicable water year. If a Groundwater Council member remits its Equitable Allocation for maintenance and operation costs to the District, but in that same water year leaves or otherwise ceases to participate in the Groundwater Council, the District's then-current groundwater charges shall apply to such party's production for the entire water year, and that party's amount of the Equitable Allocation so remitted will be used as a

prepayment offset for groundwater charges otherwise due from such party's production. The purpose for this credit is to assure that parties contributing to the maintenance and operations component of the Equitable Allocation do not double-pay for their proportionate cost of the District's services.

C. The District has been in discussions with various Riverside County entities who propose to be Ex Officio members of the Groundwater Council, and who may, by separate agreement with the District, agree to fund portions of the maintenance and operations costs of existing recharge facilities. To the extent such an agreement is reached, and a party otherwise subject to the District's groundwater charge contributes in such a way this its payment is remitted to the District; the General Manager is authorized to provide discharges and credits to such Ex Officio members in the same manner as for Groundwater Council members, provided above. The purpose for this credit is to assure that parties contributing to the maintenance and operations of the District though any such agreement do not double-pay for their proportionate cost of the District's services.

Section 6. In connection with fixing the groundwater charge as set forth in Section 4 above, the Board of Directors makes the following findings:

- A. Consistent with the Ventura Decision, the District's groundwater charge is not a "property-related charge" for purposes of determining the applicability of Article XIID of the California Constitution. Notwithstanding, the District has provided mailed notice of the proposed charge and the amounts proposed to be charged to all known groundwater producers within its jurisdictional boundaries.
- B. The groundwater charge is imposed upon the action of extraction of groundwater from the basin underlying the District's boundaries, and not on property or groundwater extraction facilities as such. The groundwater charge will be incurred by groundwater producers through their voluntary action of groundwater production. The groundwater charge is not one for water delivery by the District to groundwater extractors, but rather relates to the District's service of maintaining groundwater supplies, recharge facilities, and management of both for groundwater extractors within the District. The District maintains no pipes, canals or other facilities directly connecting District facilities to the groundwater extractors' property or pumping facilities. In addition, parties subject to the groundwater charge are predominantly either public or private entities involved in the business of providing water, or persons or entities involved in irrigation, for agricultural-related activities, and for uses of water exceeding what would be required for basic residential use of the property.
- C. The District has provided notice of the proposal for imposition of the groundwater charge through a number of different avenues. Mailed notice was provided to all operators reflected on the District's records as containing active groundwater production facilities within the District. In addition, published notice was provided in the San Bernardino Sun and in the Highland Community News on March 12, 19 and 26, 2021. All such notices identified the prior and proposed rate for agricultural and non-agricultural water, the estimated total revenue to be collected from the charge, and the time and place for public hearing at a public meeting at which parties objecting to the charge could appear and be heard. That notice also reflected the rate and method of calculation for this consumption-based charge, which provided notice of the basis of the charge.
- D. The proposed groundwater charges, and Engineering Investigation report prepared by the District, were reviewed at a public meeting held April 14, 2021, and a public hearing held April 28, 2021. In addition, the Engineering Investigation report prepared by the District was presented to and reviewed with the Board of Directors at a public meeting on February 10, 2021 and was discussed at the Groundwater Council on April 12, 2021.
- E. The groundwater charge is being levied to assist in offsetting the costs of the District's Groundwater Enterprise in providing groundwater supplies, groundwater recharge facilities, and recharge management and administration for the benefit of groundwater producers within the District. The Groundwater Enterprise Budget includes, but is not limited to, funding the following:
  1. Making available the District's Santa Ana River water rights, in an amount no less than 10,400 acre per feet per year, for recharge into the Bunker Hill Basin;
  2. Conducting groundwater recharge activities by diverting both Santa Ana River and Mill Creek water supplies into District's recharge facilities;
  3. Applying the District's experience and expertise in directing groundwater recharge effectively and efficiently, administering the physical recharge of groundwater both directly for the District and its water supplies, and recharging on behalf of other entities, including State Project Water and exchanges under the Santa Ana River/Mill Creek Cooperative Water Project Agreement;

4. Maintaining and operating the District's diversion works, recharge basins and canals to insure the availability of sufficient infrastructure to accommodate needed groundwater recharge; and defense and protection of the District's water rights and manner of operations; and performing such maintenance of other parties' diversion works, recharge basins and canals as requested and per prior agreements.
  5. Pursuing various environmental permits and related permissions to continue the maintenance and operation of the District's Facilities for the future and to provide for potential expansion of facilities for Bunker Hill recharge, including the preservation, enhancement, and management of habitat areas;
  6. Investigation and implementation of improvements to groundwater measurement and recharge infrastructure;
  7. Reporting to groundwater producers and other interested parties of groundwater recharge activities and conditions, including but not limited to the daily flow report;
  8. Conducting engineering analyses, such as the District's annual Engineering Investigation, designed to provide information regarding the District's groundwater basin and groundwater recharge facilities;
  9. Participating in, and serving as the accounting arm for the collection of, both facilities maintenance and operations funds and contributions for the Groundwater Council; and Replenishment/Sustainability funds, for proportionate contribution to import water supply efforts by producers who are not members of the Groundwater Council, but who still benefit from the regional efforts at maintaining Bunker Hill Basin groundwater supplies;
  10. Administrative support, training and overhead for all the above-listed activities.
- F. The total amount of estimated revenues from the groundwater charge, including the Replenishment/Sustainability component, is estimated at approximately \$1,211,727 based on production reported for the 2020-2021 water year. These revenues do not fully recover expected cost and will not exceed the costs of providing the services as detailed above, in that the District's Groundwater Enterprise Budget for fiscal year 2021-2022 proposes total expenditures of \$1,478,077. The remaining funds are to be paid by the District's capital and groundwater reserves.
- G. The amount of groundwater charge paid by each individual payor will not exceed the benefit of the Conservation District's services to such parties, because the structure of the groundwater charge is such that the amount paid varies in direct proportion to the amount of groundwater supplies extracted, and therefore is proportional to the benefit each individual payor receives from the District's services, and the burden each producer puts on the basin, ratably to such user's production. .

Section 7. The Board of Directors further finds that the groundwater charge adopted herein is statutorily exempt from CEQA under Title 14, California Code of Regulations Sections 15273, 15301, and 15306. The action contemplated herein constitutes a structuring and establishment of a charge which will be used in part for meeting operating expenses and for purchasing or leasing equipment and materials. To the extent the groundwater charge revenues will be applied to groundwater testing, these activities fit within Title 14, California Code of Regulations Section 15306. Such activities involve the occasional taking of groundwater samples by means of temporary equipment, which will not cause any alteration to the land, and consist solely of information gathering. To the extent any portion of the funds is directed to maintenance, operation, or repair of existing facilities, involving no or negligible expansion of existing uses, these activities fit within Title 14, California Code of Regulations Section 15301. To the extent any portion of the funds is directed to construction or establishment of new facilities, environmental review of such facilities will occur at such time those facilities are proposed, and the nature, location, scope, and function of such potential future facilities becomes known. Under each of the above-referenced exemptions, therefore, the Board of Directors finds that the levy and implementation of the groundwater charge is properly exempt from CEQA.

Section 8. The General Manager is hereby authorized and directed to provide notice to operators of the levy of the groundwater charge, as provided for in Water Code Section 75610.

Section 9. The District hereby adopts a replenishment/sustainability component to the groundwater charge, the proposed amount of such component being \$ \_\_\_\_\_ per acre foot, with a phase in rate of \$ \_\_\_\_\_ over five years.

PASSED, APPROVED AND ADOPTED at a regular meeting of the Board of Directors this 28<sup>th</sup> day of April 2021, by the following roll-call vote:

YES:	DIRECTORS:
NO:	DIRECTORS:
ABSTAIN:	DIRECTORS:
ABSENT:	DIRECTORS:
ATTEST:	

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Melody McDonald, President

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Daniel Cozad, Secretary

DRAFT



**San Bernardino Valley  
Water Conservation District**

Helping Nature Store Our Water

Memorandum No. 1772

**To: Board of Directors**

**From: Daniel Cozad, General Manager**

**Date: March 10, 2021**

**Subject: Plunge Creek Conservation Project Financial and Performance Report**

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**RECOMMENDATION**

Staff recommends that the Board receive and file this update on the Plunge Creek Conservation Project.

**BACKGROUND AND DISCUSSION**

The District received and entered into a Proposition 84 grant funding agreement with the California Department of Water Resources (DWR), administered by the Santa Ana Watershed Project Authority, to construct the Plunge Creek Conservation Project south of Pole Line Road on District property in the City of Highland. The purpose of the project was to re-connect hydrology within the perched, hydrologically isolated alluvial channels of Plunge Creek to 1) Restore natural flows to refresh alluvial fan sage scrub habitat and to specifically provide additional habitat for San Bernardino kangaroo rat and Santa Ana Woolly star, and: 2) Demonstrate that significant groundwater recharge could occur on native sand, gravel and soils without the construction of basins or other impoundments. The project was designed in a facilitated workshop setting with representatives from the United States Fish and Wildlife Service (USFWS) and San Bernardino County Flood (Flood) as part of the Wash Plan HCP.

A construction contract was awarded to NoHo Constructors on March 11, 2020. Construction was started on August 3, 2020, and completed on September 15, 2020. Phase 1 and 2 were constructed to the lines and grades shown on the plans with some minor field adjustments to account for changes in the site conditions and employ environmental avoidance measures.

The original bid and contract amount were \$387,632 for Phase 1 and 2 combined. The Board authorized a 10% contingency fund of \$38,763. District staff and NoHo Constructors are in agreement with a final total contract amount of \$413,167.51. This total includes a cost of \$21,720.71 of extra work for wildlife fencing and a total over-run of bid items of \$3,814.89. The total percentage of contingency funds used for the project is 6.6%.

The project was substantially complete in September 2020, and the final report was prepared for the grant funds in November 2020. At the February 2021 meeting, the Board requested an informational report on the project's total cost compared to its original expected cost and project results to date.

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Redlands, CA 92373  
Phone: 909.793.2503  
Fax: 909.793.0188  
www.sbvwd.org Email: info@sbvwd.org

**BOARD OF  
DIRECTORS**

Division 1:  
Richard Corneille

Division 2:  
David E. Raley

Division 3:  
Robert Stewart

Division 4:  
John Longville

Division 5:  
Melody McDonald

**GENERAL  
MANAGER**

Daniel B. Cozad

Staff prepared a financial analysis based on the project's actual performance and real return on investment for the District. These measures are intended to gauge the project's success and determine if similar projects will be undertaken as part of the District's strategic goals.

There is no action requested or financial impact beyond staff time to prepare associated with the update.



# Plunge Creek Conservation Project Results



**San Bernardino Valley  
Water Conservation District**



# Project Conception

- Improve water conservation by increasing recharge into the Bunker Hill Groundwater Basin
- Improve habitat conservation within Upper Santa Ana River Wash HCP Preserve
  - San Bernardino kangaroo rat
  - Santa Ana River woolly-star
- Demonstrate design functionality
- Demonstrate permit-ability

BM1

# Plan Map

BM3





# IRWMP Grant

- Grant application \$1M of a \$1,371,101 Budget
- Grant Award \$500K
- Agreement signed October 2014
- 3% of \$15M allocation of Prop 84 Water Bond funding
- Certified Substantive Completion October 2020

<b>Project 6-Plunge Creek Water Recharge and Habitat Improvement (SBVWCD)</b>	<b>Start Date</b>	<b>End Date</b>	<b>Duration (months)</b>
<b>Task 1 Project Administration: Budget Category (a)</b>	<b>2/20/14</b>	<b>11/30/18</b>	<b>57</b>
Task 1.1 Project Management	2/20/14	5/9/18	51
Task 1.2 Labor Compliance	2/20/14	5/9/18	51
Task 1.3 Quarterly Reporting and Invoicing	2/20/14	9/30/18	55
Task 1.4 Draft and Final Project Completion Report	9/30/18	11/30/18	2
<b>Task 2 Land Purchase/Easement: Budget Category (b)</b>	<b>5/15/14</b>	<b>12/15/14</b>	<b>7</b>
<b>Task 3 Planning/Design/Engineering/Environmental Documentation: Budget Category (c)</b>	<b>5/15/14</b>	<b>6/10/15</b>	<b>13</b>
Task 3.1 Assessment and Evaluation	5/15/14	1/18/15	8
Task 3.2 Final Design	8/15/14	3/18/15	7
Task 3.3 Environmental Documentation	3/19/15	6/10/15	3
Task 3.4 Permitting	3/15/14	3/18/15	12
Task 3.5 Project Monitoring Plan	3/19/15	4/29/15	1
<b>Task 4 Construction/Implementation: Budget Category (d)</b>	<b>6/11/15</b>	<b>10/24/18</b>	<b>40</b>
Task 4.1 Construction Contracting	6/11/15	9/2/15	3
Task 4.2 Construction	9/3/15	9/26/18	37
Task 4.3 Environmental Compliance/Mitigation/Enhancement	9/3/15	9/26/18	37
Task 4.4 Construction Administration	9/3/15	10/24/18	38



# Permitting and Design Studies

- Baseline modeling
- Project design
- Redesign for Permitting Agencies
- Permit changes due to Wash Plan HCP delay
- Permit changes due to SBKR State CESA listing
- Safe Harbor Agreement
- Innovative delivery
- Local construction
- In-house construction management

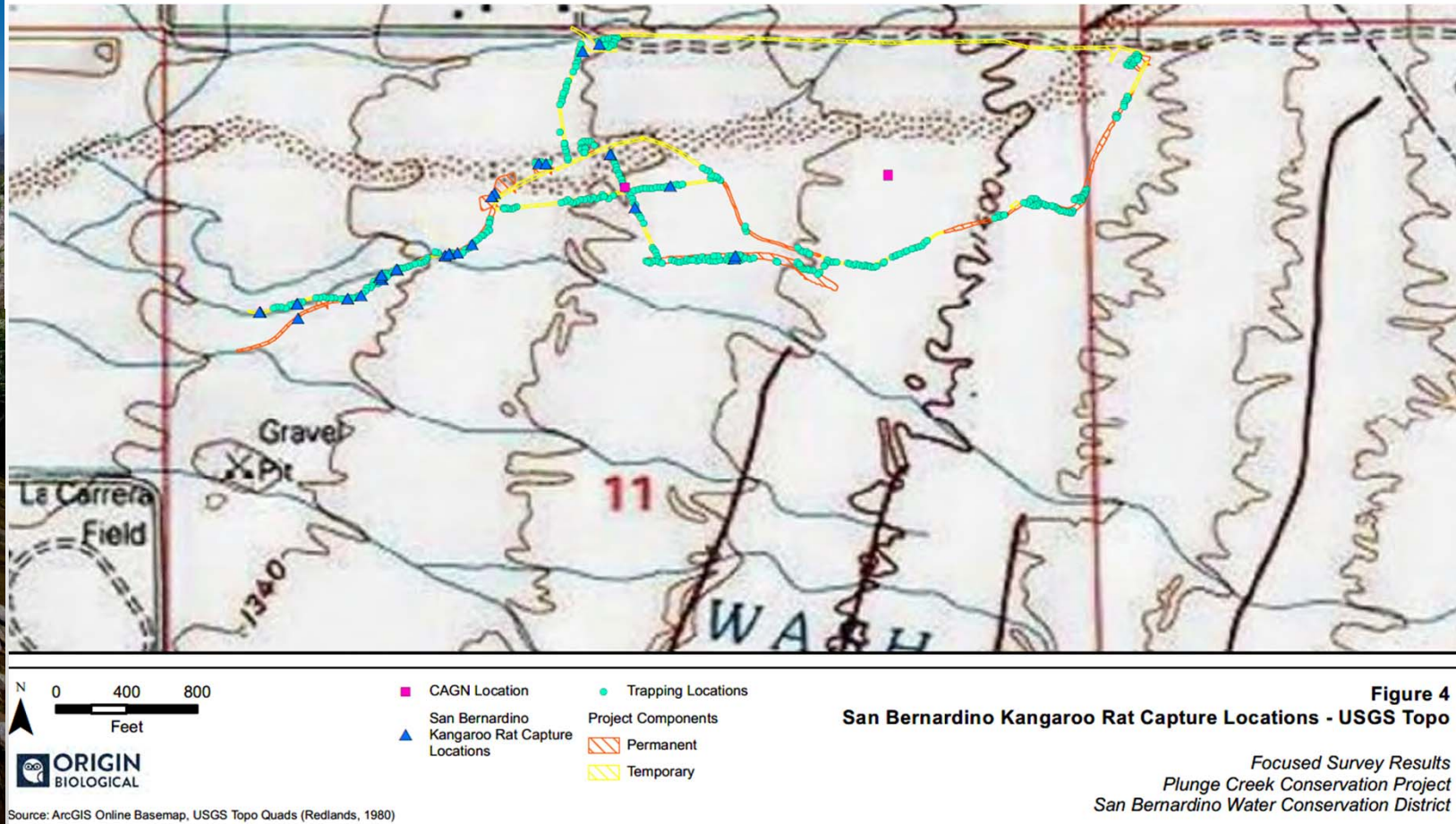


# Permit Requirements

- USFWS BO Requirements Consistent with Wash Plan
  - Avoidance and minimization measures
    - Project designed to avoid take and maximize benefit **BM4**
- USACOE 404 Permit and CRAM
- SARWQCB 401 Certification
- CDFW 1602 LSA Waters of the State
- CDFW 2081 ITP
  - became the first Safe Harbor Agreement in Southern California
  - Added acreage and post project monitoring and treatment
  - Added 2+ years to the project



# Pre-construction Trapping/Relocation



**Figure 4**  
**San Bernardino Kangaroo Rat Capture Locations - USGS Topo**

*Focused Survey Results  
 Plunge Creek Conservation Project  
 San Bernardino Water Conservation District*



# Construction

- Descriptive scope and unit costs
- Innovative delivery with engineer evaluation and quantities
- Additional costs for survey, monitoring and SBKR relocation
- Optimized impact avoidance through onsite coordination between Resident Engineer and Project Biologist
  - Eliminated access road and channel segments
  - Shifted project elements to avoid occupied habitat
- No reportable injuries or incidents despite construction in the hottest weather of the year
- Construction completed on schedule September 2020
- Plunge Creek Final Report for Grant November 2020





# Results





Pilot channel constructed to re-braid streambed

Existing, incised channel

Splitter mound to divert water into pilot channel



Pilot channel constructed to re-braid streambed

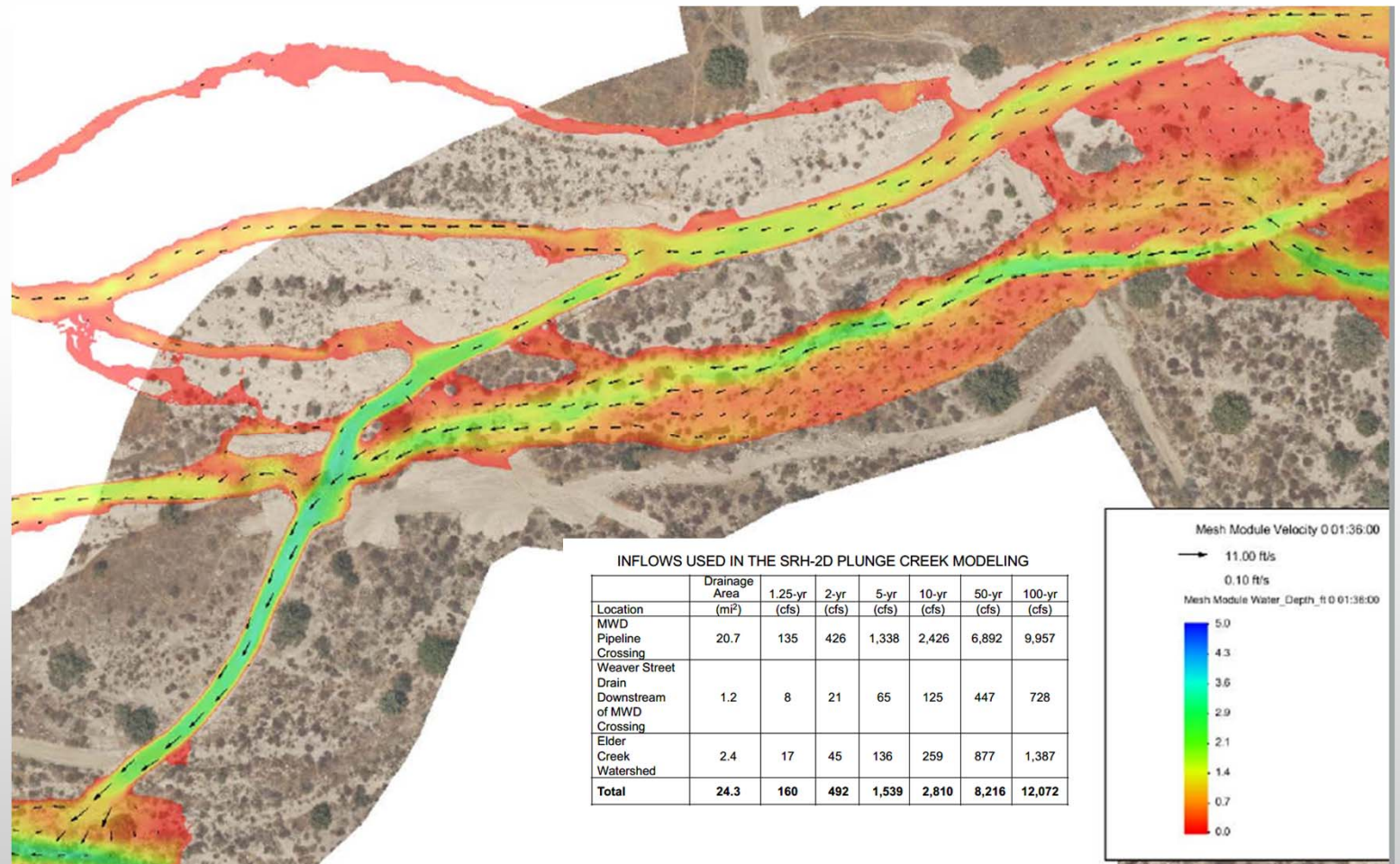
Existing, incised channel

Splitter mound to divert water into pilot channel



Habitat refreshed  
in sand deposition  
areas

# Results Modeled







## Year 1 Water Recharge Results

- Dry water year with low precipitation
- Approximately 40 AF recharged in early storms
- Groundwater recharge occurred from ~5 cfs-10cfs
- Groundwater recharge in average precipitation year estimated at 750 AF/year over the next 20 years
- Recharge expected to increase over time as streambed area expands





Bank cutting  
removed invasive  
grasses and silt,  
exposed sand

Modeled to occur  
only at much  
higher flows



# Habitat Results

- Reduction in invasive grass cover
- Expansion of suitable SBKR habitat
- Recruitment of woolly-star within temporary impact areas
- 208 acres of habitat monitoring/management compatible with mitigation for Wash Plan Covered Activities
- COE Waters credits based on CRAM results
- Contribution to restoration knowledge/practice
- Reliable partner for multi-benefit projects







# Grant Match Results

Budget Category	DWR Grant Share	Eligible Match Share	TOTAL
<b>A) Project Administration</b>			
SBVWCD Personnel Hours Summary	\$0	\$23,895	\$23,895
<b>A) Project Administration Total</b>	\$0	\$23,895	\$23,895
<b>B) Land Purchase/Easement</b>			
	\$0	\$0	\$0
<b>C) Planning/Design/Engineering/Environmental Documentation</b>			
SBVWCD Personnel Hours Summary	\$20,390	\$20,007	\$40,397
Joseph Bonadiman & Associates, Inc.	\$2,816	\$212	\$3,028
ICF Jones & Stokes	\$114,786	\$8,640	\$123,425
Jericho Systems	\$2,009	\$151	\$2,160
<b>C) Planning/Design/Engineering/Environmental Doc Total</b>	\$140,000	\$29,010	\$169,010
<b>D) Construction/Implementation</b>			
SBVWCD Personnel Hours Summary	\$15,203	\$5,623	\$20,826
Daily Journal	\$1,405	\$520	\$1,925
Mikael Romich	\$27,809	\$10,286	\$38,095
State Water Resources Control Board	\$361	\$134	\$495
Heemstra Signs	\$718	\$266	\$984
Joseph Bonadiman & Associates, Inc.	\$23,290	\$8,614	\$31,905
Home Depot	\$130	\$48	\$178
NoHo Constructors, Inc.	\$282,971	\$104,661	\$387,632
Hubb Construction	\$791	\$293	\$1,084
Sonsray Machinery	\$7,320	\$1,383	\$8,702
<b>D) Construction/Implementation Total</b>	\$360,000	\$131,826	\$491,826
<b>GRAND TOTAL</b>	\$500,000	\$184,731	\$684,731



# Summary Cost Comparison to Budget

Budget Category	Original Budgeted Project Cost	Total Project Cost	% of Budget	(\$) Difference
A) Project Administration	\$34,468	\$37,636	109%	\$3,168
B) Land Purchase/Easement	\$0	\$0	0%	\$0
C) Planning/Design/Engineering/Environ. Docs	\$169,010	\$398,641	236%	\$229,631
D) Construction/Implementation	\$507,022	\$691,118	136%	\$184,096
<b>GRAND TOTAL</b>	<b>\$710,500</b>	<b>\$1,127,394</b>	<b>159%</b>	<b>\$416,894</b>



# Post Construction Monitoring, Operations and Maintenance

- Operations and maintenance by SBVWCD field staff
- Evaluate/address changes due to large flows
- Flow monitoring via Daily Flow Report
- Permits required monitoring/reporting for up to 5 years
  - ESA monitoring
  - CESA monitoring
  - CRAM analysis for Waters credits
  - Safe Harbor Agreement credits for habitat/SBKR
- Treatments for invasive grasses/forbs for five years
  - Also implements Wash Plan goals



# Initial and Actual Cost Comparison

## Plunge Creek Project Value

	Budgeted	Initial Performance <sup>2</sup>
<b>Additional Water</b>		750 AF/Yr Avg
AF recharged over 20 years	3,903 <sup>1</sup>	15,000
Value at \$350 per AF	\$1,366,050	\$5,250,000
Water Value Per Year	\$68,303	\$262,500
<b>Habitat Enhancement</b>		
Acres of Habitat Credit to WP	75	208
Value @50K per Acre	\$3,750,000	\$ 10,400,000
Monitoring/Mgt. Cost Total 5 years	<b>\$127,500</b>	<b>\$ 340,000</b>
<b>Net Value Habitat</b>	<b>\$3,622,500</b>	<b>\$ 10,060,000</b>
<b>Total Project Value without Waters</b>	<b>\$4,988,550</b>	<b>\$ 15,310,000</b>

<sup>1</sup> Conservative pre-project estimate

<sup>2</sup> Actual projected performance in initial year



# Actual Costs and ROI

	Approved	Actual Costs	Initial Performance <sup>2</sup>
<b>Plunge Creek Total Costs</b>			
Design, engineering, admin	\$231,000	\$212,297	\$212,297
Permitting	\$106,000	\$223,980	\$223,980
Construction	\$375,000	\$695,442 <sup>3</sup>	\$695,442
Monitoring/Mgt. Cost Total 5 years			\$340,000
Operations @25K/yr		\$500,000	\$500,000
	\$712,000	\$1,631,719	\$1,971,719
<b>DWR Grant</b>	\$500,000	\$500,000	\$500,000
<b>District Cost with 20 Yr. O&amp;M</b>	\$212,000	\$1,131,719	\$1,471,719
	<b>Without Operations</b>	<b>With Operations</b>	<b>With Operations</b>
<b>Water Only ROI</b>			
Payback (District) in years	3.1	16.6	5.6
ROI Without Grant	92%	-16%	166%
ROI Including Grant Annual	544%	21%	257%
Commercial Water Only Annual ROI <sup>4</sup>	17%	1%	14%
Total Commercial Annual ROI <sup>4</sup>	133%	23%	65%
Water Cost \$/AF 20 yrs.	\$182.42	\$418.07	\$131.45
District Cost \$/AF 20 yrs.	\$54.32	\$289.96	\$98.11

<sup>2</sup> actual projected performance in initial year

<sup>3</sup> Includes permit requirements for bio surveys, fencing and monitoring

<sup>4</sup> Assumes no increase in value of asset in 20 years

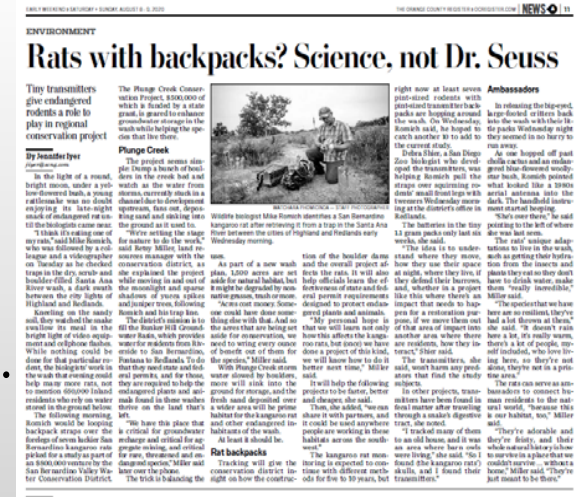






# Outreach and Press Coverage

- Embedded reporter resulted in significant Southern CA coverage: Press-Enterprise, Redlands Daily Facts, SB Sun, OC Register, The Daily Bulletin, & LA Daily News.
- [Spectrum TV News](#)
- [Video](#)
- Dedicated [landing page](#) on website
- On-site photographer/videographer created large asset library for outreach.



3/5/2021

# Pioneering and Precedent Setting

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- Santa Ana River High Flow Study
- Riverside County Flood/WCD
- Coachella Valley Efforts
- California Green Tape Cutting



# General Manager's Report

From February 6, 2021, to March 5, 2021

Daniel B. Cozad



**San Bernardino Valley  
Water Conservation District**

Helping Nature Store Our Water

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The District continues to operate in Phase 3 COVID 19 response level. CalOSHA Standards for COVID require masks in the common areas of the office. Staff is implementing the COVID Illness Prevention Plan. We continue to do our best to keep all District activities moving forward. San Bernardino County cases and transmission rates are falling, and once Staff and Board members are vaccinated, we will expand the in-person efforts by following direction from the County and State Health officers.

The following report covers the weeks between meetings and the efforts and activities during the reporting period.

- 1. Water Conservation – Plan Goal 1** – January and February storms provided local rain and mountain snows, which resulted in flows to SAR, Mill, and Plunge Creeks. SAR flows between 20-30 CFS resulting in 1-10 CFS at the Parshall Flume, with the remaining flow going to direct use. Mill Creek has around 12-22 CFS flow, with only 1-2 CFS making its way to recharge in the Mill Creek spreading grounds. Mill Creek total nearly 1,700 AF for the new water year. The Santa Ana River recharge totals are just under 1,100 AF since October. Total recharge for the year, including Plunge Creek, is approximately 2,800 AF if flows continue. Without significant March storms, the year will likely be below average.
- 2. Facility Maintenance and Cleanout – Plan Goal 1** – Winter operations continue. All facilities are in operation or available for additional flows. Staff surveyed Plunge Creek for any issues or needs after the February storms.
- 3. Aggregate Management – Plan Goal 1** – Upland Rock continues to sell sand and rock from District basin cleaning efforts. Under the renewed Material Processing License, Upland has almost completed processing the Ranch Rock spoils from the City of Highland Flooding in 2012 with sand from Mill Creek.
- 4. Personnel/Administration/Staff** – Staff continues to monitor and implement the District Extreme Flu/COVID19 plan. The District continues to operate in Stage 3, potentially easing with vaccine implementation. Other updates were listed in the introduction.
- 5. Finance/Budget/Audit** – Support for the Board's financial reporting and standard accounting efforts were completed. Budget preparation for the GW enterprise is underway, and staff responded to questions by Board members and developed final costs for the Plunge Creek Project for this month's Board Presentation. Staff advertised the Groundwater Charge increase and Sustainability /Recharge component. Staff worked with

the Budget Committee to refine the component and schedule a meeting for producers on March 24.

6. **Mill Creek Diversion Engineering** – *Plan Goals 1/4* – Erwin reports on the engineering and construction projects at meetings when there are updates not included in agenda items. The additional requested information was provided as the review continues and changes are occurring on the permitting and project review related to gate engineering.
7. **Plunge Creek Conservation Project** – *Plan Goals 1/4* – Both operations and habitat efforts are ongoing. February storms provided the 5-30 CFS flows to the new project. Recharge for this water year is estimated at 44 AF. A Board report on the Financial and other aspects of the Plunge Creek Conservation Project will be presented at this meeting.
8. **Enhanced Recharge Project** – *Plan Goal 1* – The Enhanced Recharge Phase 1A is completed. Engineering design is nearing completion for the new basins scheduled for construction in 2021 or 2022. State and Waters permitting are needed to proceed. The Operations Committee received a presentation from SBVMWD reviewing the design on January 27. Staff is also working on an amendment to facilitate the recharge of recycled water from Sterling Natural Resources Center and potentially for other lands.
9. **Active Recharge Transfer Project Partnership** – *Plan Goals 1, 2, and 4* – The Committee met on January 12. Staff prepared a status memo for distribution to the partners. Staff has worked with Robertson's on issues related to the Plunge Creek Quarry or other recharge options and this will be covered in close session. Staff developed and released a Request for Qualifications for the ARTP efforts. Staff reviewed and ranked the submittals and select firms from which to request proposals in the near future.
10. **Edison Divestiture to Water Users** – *Plan Goals 1/4* – The Committee has held no meetings since August but continues to coordinate.
11. **Shop Facilities for Field Staff** – *Plan Goals - 1* – Staff prepared a scope of work for architectural services at the Operations Committee's direction. Staff reviewed the needs and planning memo with the Operations Committee. Staff released the RFP for Architectural and planning services on March 1, 2021, and will complete procurement and seek Board authority to proceed.
12. **Groundwater Council** – *Plan Goal 1* – The Groundwater Council last met on March 8, 2021. The Budget Committee met on March 1, 2021, and recommended minor revisions to the "Other Production" and replenishment/sustainability component of the groundwater charge. District staff continues to coordinate with the Redlands City Manager and Utilities Director John Harris to process the executed Agreement after Council approval on March 2, 2021.
13. **Wash Plan** – *Plan Goal 4* – The Wash Plan has a separate report listed on the agenda. Staff worked with AECOM on preliminary permitting. A Task Force meeting was held on December 8 to discuss covered activities needing State/Waters permits. Staff is working with staff dedicated to the permit review at CDFW.

**14. Santa Ana River Wash Plan Land Exchange Act Implementation** – *Plan Goal 4* – S.-47 was passed and signed by the President, becoming PL 119-6. Staff, District Counsel, and special legal counsel are working closely with BLM to expedite the exchange. A Chain of Title and environmental review has been prepared; the updated Mineral Potential Report is complete. Appraisal Directorate and District Counsel are working to identify alternatives to move the appraisal forward. An amendment to the Enhanced Recharge agreement was approved by all parties to clarify operating easements and right of way without additional Right of Way applications.

**15. Conservation Trust** – *Plan Goal 4* – The Conservation Trust Board of Directors met on January 19, 2020. Staff has met with entities with which a deposit agreement is on file. Most projects continue to move forward slowly. The District and Trust have been reimbursed for services and funding for conservation easements and will contribute to the endowment.

**16. Property/Redlands Plaza** – Staff continues to manage Redlands Plaza tenants and maintenance issues. All units are now fully leased. The church is working with the City on permitting the changes needed for the CUP. Many tenants are utilizing the Board's payment plan to weather the COVID 19 downturn. Most tenants will be able to pay rent but may request a continued deferral of repayment. Staff arranged for one of the last two old AC units to be replaced. It is always fun to have a crane in the parking lot.



**17. Mining** – Mining efforts by CEMEX contractors continue at the Plant Site quarry. District Counsel finalized the lease document, and Robertson's and CEMEX paid issuance costs in their agreed shares. Executed copies of the Agreement are now recorded.

**18. Public Outreach and Legislative** – *Plan Goal 5* Staff worked with consultants to coordinate outreach and award applications. Additional video work is planned for Plunge Creek Storms and an update to the project. Please click on the link to access the latest [Monthly Newsletter](#). An Outreach Committee met on February 19 and approved the Outreach plan for review. The Committee will review the meeting and the outreach program at this meeting.

**19. Community Recharge and Mitigation** – *Plan Goal 1 and 4* – The 2017 Community Strategic Plan (CSP) included this effort for planning and implementation. The Active Recharge Transfer Projects in the Partnership Agreement are the first efforts under this goal. Additional recharge options where flows and open space allow recharge will be sought as staff has time.

**20. Current Board Action Implementation** – Many priority efforts have separate sections of the General Manager's Report, or independent Board requested reports. Staff and District Counsel worked closely on EHL/CBD v. USACOE settlement-related studies. Staff also has several MOUs and agreements in development to support the Wash Plan and its projects. Status of the agreements are show blow or in item

- BLM MOU for Wash Plan – pending ROW issues above
- Robertson's Plunge Creek Quarry – Approved awaiting execution or changes
- CEMEX Lease and Lease memo – Recorded
- Blossom Trails Conservation Easement/Endowment Agreement – in review
- SBCTA - 210 Freeway Conservation/Endowment Agreement – Fully Executed
- MOU with SBC Flood Control District for ARTP - Fully Executed

**21. Future Board Activities** – Expected short-term items for consideration or note

- Conservation Easement/Endowment Agreement SBCFCD Plunge Elder Creek Implementation in April
- Exchange Plan Amendment – in progress Task Force review and approval in April/May
- BLM Land MOU working with regional manager to complete in early 2021
- Regional UPMP/IRWMP update for approval in June

**22. District Successes**

- Staff has participated in regional planning efforts such as the Upper Santa Ana Salt and Nutrient Management plan and Urban/Integrated Regional Water Management Plan and paid our share of consultant costs.
- Similarly, many tasks that staff are working on are part of complex multistep projects and agreements. Sometimes success is moving many small things forward with progress marked in inches.
- Other times success that is delayed but anticipated marks progress. On March 2, 2021, the Redlands City Council approved the Groundwater Council Framework Agreement, and the staff of Valley Municipal and the District are coordinating the complete execution of the Agreement.



# Summary of Goals

The following Stakeholder Outreach goals were identified by the Communications Committee of the Board for the remainder of 2019 through June, 2021:

- Continue to define and promote the unique role of the District to surrounding agencies, with a special focus on LAFCO and the San Bernardino area.
- Continue to build District support among state, local, and national legislators and key stakeholders.
- Continue to build awareness of the importance of the District's work among regional constituents and the general public, including the region's future leaders and youth who understand the importance of the Wash and will work to protect it as adults.

# Highlights by the Numbers

32 news stories in 10  
different print  
publications • 8,900  
video impressions •  
243 online newswire  
story pickups

It was a good year.

In fact, when it came to positive media coverage, it was the best year in SBVWCD's history. This dramatically improved The District's presence beyond local media to a stronger regional footprint...and in the case of the Wash Plan, to an international audience.

The Plunge Creek Restoration Project, the Wash Plan, the Groundwater Council, and the Year-end Water Report generated unprecedented coverage in 2020 in print, online, and in broadcast media.

- 10 major press releases, with several direct media pitches
- Several articles picked by media from District newsletter
- Two articles published so far in 2021
- Video & photography significantly helped expand pickup



yahoo! finance

DAILY BULLETIN Daily Bulletin

THE SUN

San Bernardino County's Newspaper

WWW.SBSUN.COM

MORNINGSTAR



GOVERNANCE & ACCOUNTABILITY INSTITUTE'S SustainabilityHQ Our knowledge. Your opportunity.

AP

ACWA



CALIFORNIA WATER NEWS

PT

Morning News

SanLuisObispo.com THE TRIBUNE

REDLANDS Community News Your Community. Your Newspaper.

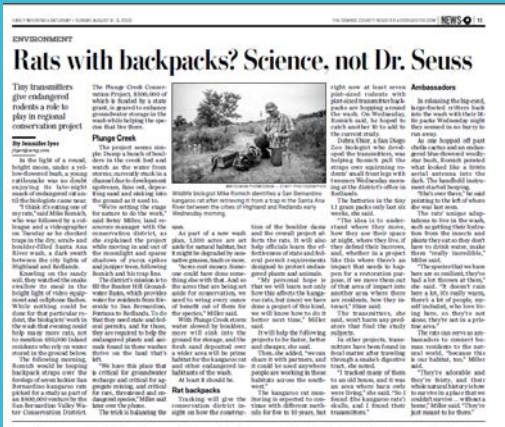
IECN Inland Empire Community News

businesswire A BERKSHIRE HATHAWAY COMPANY

HIGHLAND Community News Your Community. Your Newspaper.

Redlands Daily Facts

# Top Stories



## Wash Plan Highlights

- 8 regional articles
- 154 online news outlet pickups
- 2,575 total views
- 246 multi media views
- Viewed by reporters in 42 countries
- [Appreciation Video](#)

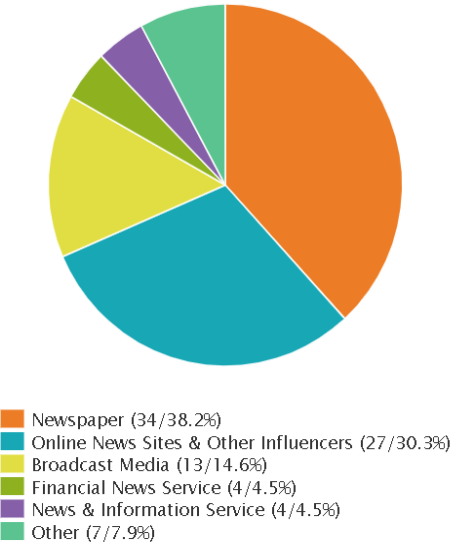
## Plunge Creek Highlights

# Top Stories

## Water Year Storage Totals Higher than Normal, Despite a Dry Year

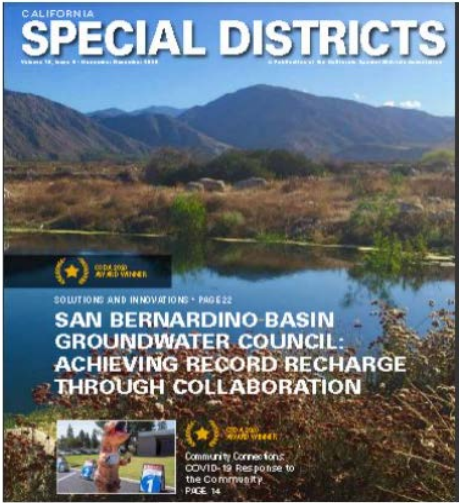
- 89 online story pickups

Total Pickup by Source Type



## Groundwater Council

- Winner CSDA Innovative Project of the Year award



The San Bernardino Basin Groundwater Council was the cover story in CSDA's latest issue.

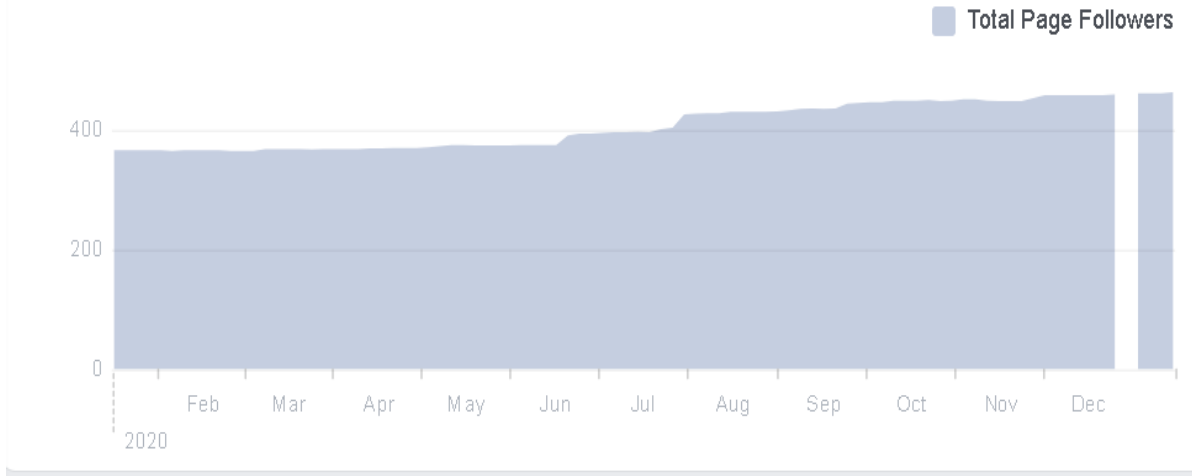
## Additional Accomplishments

- Created 2 informational videos.
- Published 12 issues of *The Flow*, SBVWCD's monthly newsletter.
- Published the *Annual Report on Accomplishments: Collective Stewardship in Action*.
- Set up YouTube Channel to host videos.
- Increased SBVWCD's following and engagement on Facebook.
- Reskinned the website and built out new landing pages for major initiatives
- Provided staff and consultants with media relations training
- Applied for various awards



# Facebook (since Jan. 1 2020)

Total Page Followers: 463



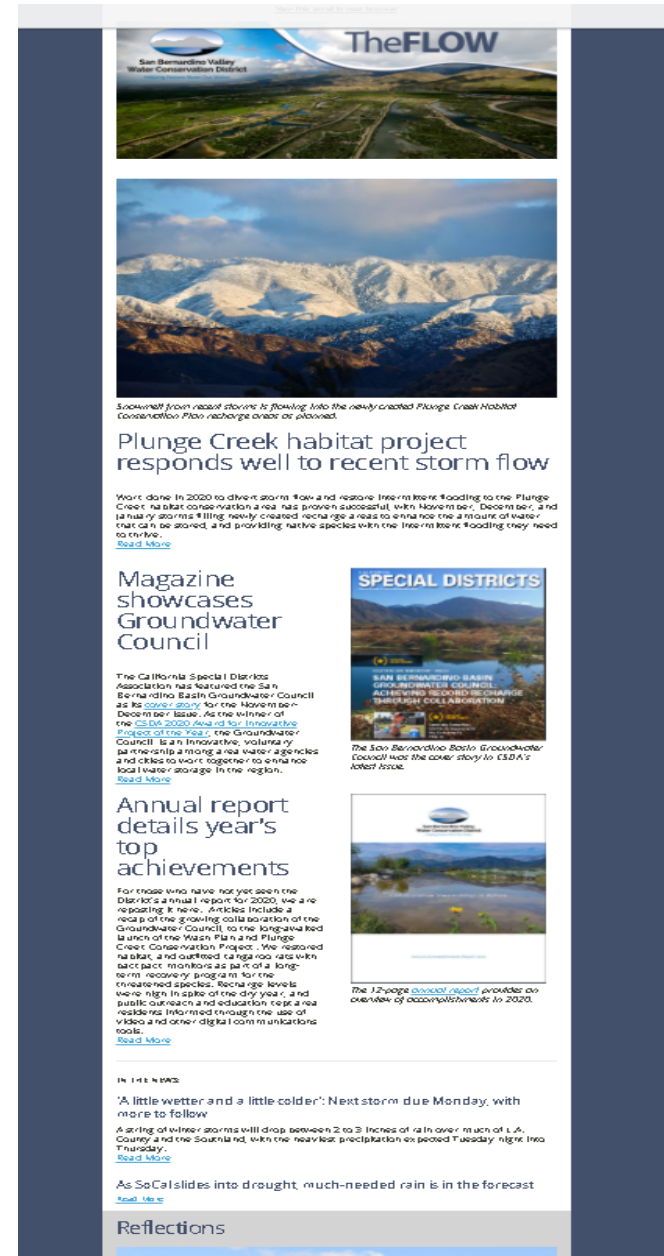
# Awards & Recognitions

The Newsletter has 173 readers. Most read it via desktop. Readers are primarily located in Redlands, Yucaipa, and San Bernardino.

17% are highly engaged.

27% are moderately engaged.

50% are rarely engaged.



The screenshot displays the 'The FLOW' newsletter from the San Bernardino Valley Water Conservation District. The main header features the title 'The FLOW' and the district's name. Below the header, there are several articles and images. The first article, 'Plunge Creek habitat project responds well to recent storm flow', includes a photo of a creek and a caption about the project's success. The second article, 'Magazine showcases Groundwater Council', features a photo of a magazine cover titled 'SPECIAL DISTRICTS' and a caption about the council's achievements. The third article, 'Annual report details year's top achievements', includes a photo of a landscape and a caption about the district's annual report. The newsletter also includes a 'IN THE NEWS' section with a headline 'A little wetter and a little colder: Next storm due Monday, with more to follow' and a 'Reflections' section at the bottom.

San Bernardino Valley Water Conservation District

# The FLOW

So much water from recent storms is flowing into the newly created Plunge Creek Habitat Conservation Plan recharge areas or planned.

## Plunge Creek habitat project responds well to recent storm flow

Work done in 2020 to divert storm flow and restore riparian habitat to the Plunge Creek habitat conservation area has proven successful, with November's December rainfall and a series of storms filling newly created recharge areas to ensure the amount of water that can be stored, and providing native species with the riparian habitat flooding they need to thrive.

[Read More](#)

## Magazine showcases Groundwater Council

The California Special Districts Association has featured the San Bernardino Basin Groundwater Council as its 2020 winner for the November-December issue. As the winner of the 2020 award for innovative project of the year, the Groundwater Council team innovative, voluntary partnership among local water agencies and cities to work together to enhance local water storage in the region.

[Read More](#)

## Annual report details year's top achievements

For those who have not yet seen the District's annual report for 2020, we are reporting it here. Articles include a recap of the growing collaboration of the Groundwater Council, to the long-awaited launch of the Main Plan and Plunge Creek Conservation Project. We restored habitat, and outfitted recharge rates with smart meters as part of a long-term recovery program for the threatened species. Recharge levels were high in spite of the dry year, and public outreach and education to a new audience. Info reached through the use of video and other digital communications tools.

[Read More](#)

### IN THE NEWS

**'A little wetter and a little colder': Next storm due Monday, with more to follow**  
A series of winter storms will drop between 2 to 3 inches of rain over much of L.A. County and the Southland, with the heaviest precipitation expected Tuesday night into Thursday.

[Read More](#)

**As SoCal slides into drought, much-needed rain is in the forecast**

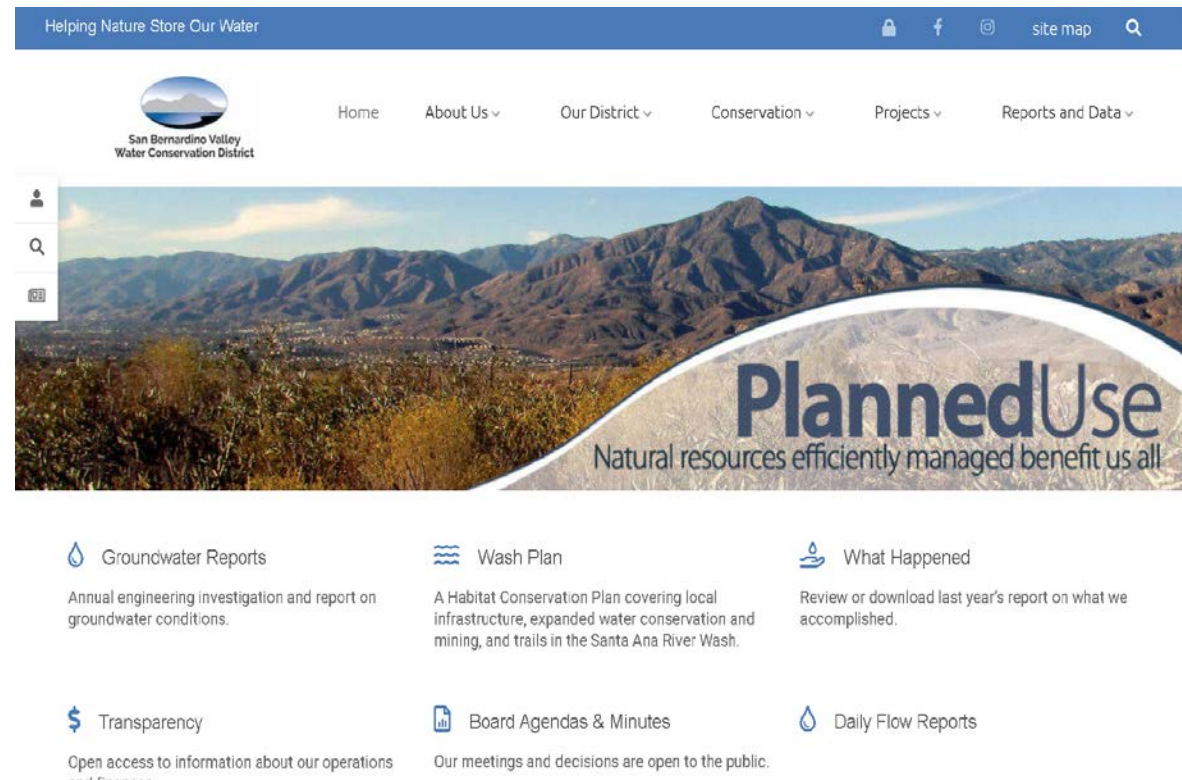
[Read More](#)

### Reflections

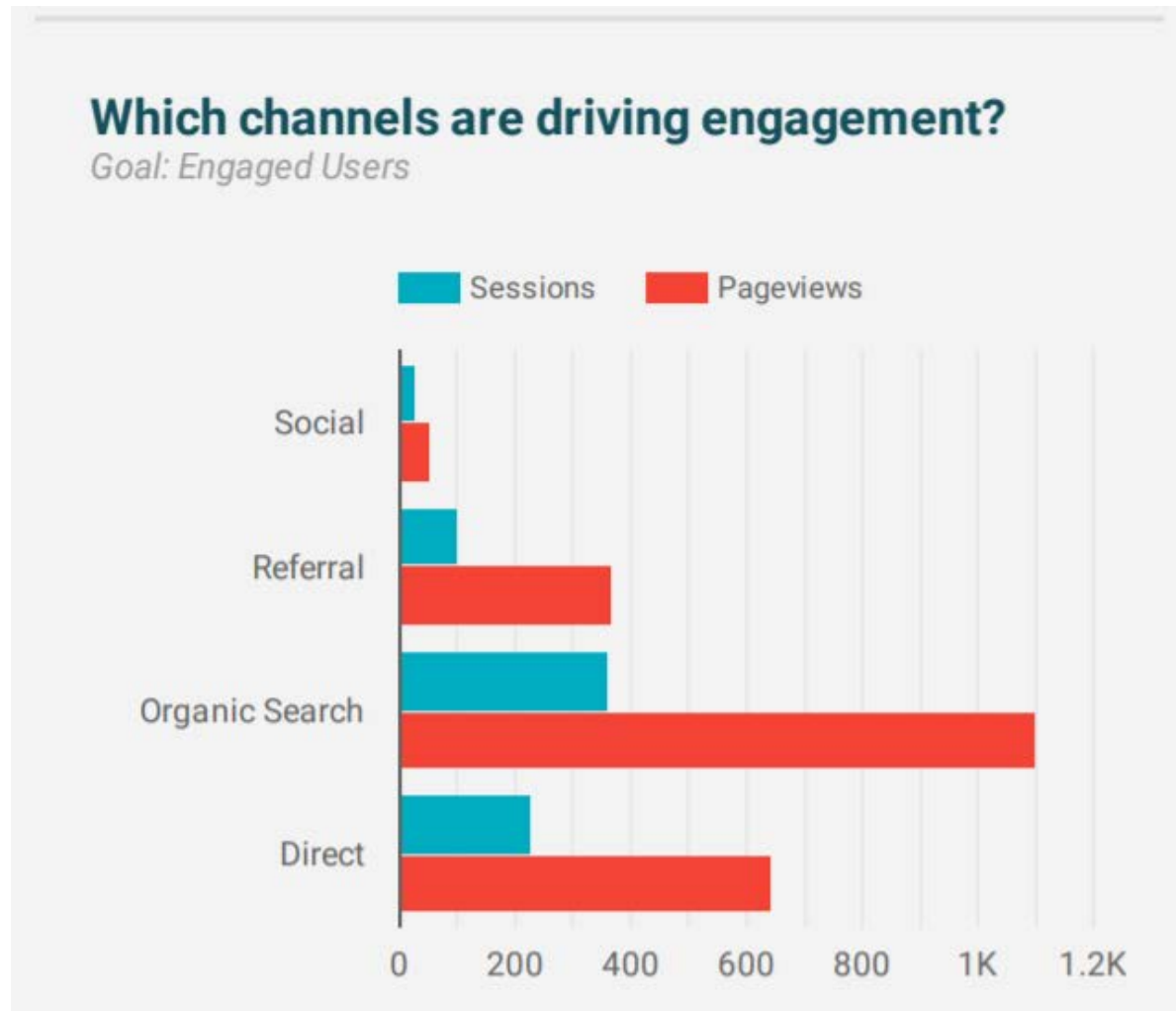
# Website

We updated the overall look and feel of the website, including the development of landing pages for key projects.

The website receives approximately 500 visitors per month



Organic search drives website engagement. Tuesdays and Monday have the highest number of visitors. Most visitors are located in Southern California.



And more...





# Strategic Communications Initiatives

1. Support the District's strategic and business initiatives, and capitalize upon opportunities as they arise.
2. Continue the District's media relations initiative with an ongoing focus on state and national water and government publications, websites, and blogs.
3. Showcase the District's accomplishments through existing and additional channels (i.e. annual report, award nominations, newsletter, and thought leadership).
4. Support the District's presentations to boards, city councils, key influencer groups and individuals. In 2020, the pandemic made this more challenging as meetings moved online.
5. Plan and implement the Scrappies Awards reception for the district, honoring key stakeholders and community members. This was postponed in 2020 due to COVID-19 and should be considered for 2022.



6. Continue refining the website to make it easier to find and share information. It serves as a central hub from which to promote the District's work across multiple platforms and support its constituencies.
7. Build out video assets, which in 2020 dramatically expanded the District's reach in terms of media placement and public engagement. A YouTube channel was added in 2020, which not only holds video assets but also helps with visibility.
8. Revisit and refine the District's social media strategy to better support thought leadership and community engagement

# Tactical Objectives

- Audit current newsletter subscribers and invite additional influencers with the goal of increasing overall readership and subscribers by 30% (from 173 subscribers to 225).
- Finish building out content/landing pages for key projects and initiatives, including educational resources and the press room.
- Social media: Revisit and refine the District's paid and organic social media strategy to better support thought leadership and community engagement. Key components will include:
  - Build out a SBVWCD LinkedIn group to publish articles and news and help increase thought leadership.
  - Increase Facebook followers by 25% organically. Paid fan generation of less than \$1,000 per year could effectively double followers.
  - Follow partners and increase cross-posting targets.

# Tactical Objectives

- Continue the District's efforts of generating regional coverage, and add a focus on trade publications, websites, and bloggers. Secure two (more) key placements in trade publications of significant value.
- Plan on at least one significant and two minor wire releases to drive increase but controlled awareness.
- Create one succinct white paper detailing the importance of water resource management and its impacts. (Support with wire release)
- Support the District's ongoing stakeholder presentation initiatives by maintaining decks and providing message management as opportunities arise.

# Tactical Objectives: Videos

- Develop 4-5 of the following videos, with the remainder to be completed over the following year:
  - *Wash tour: A legacy video with SBVWCD directors*
  - *How water conservation works in the Wash and Beyond (ocean to spout)* include how water intersects with daily life. White paper companion.
  - *Usable plants (collaborative project with San Manual)*
  - *Birdwatching in the Wash* (community project with local birdwatching groups)
  - Endangered/rare/uncommon plants and creatures: the usual list plus up to ten more. (Maybe also include ones that are hard to spot?)
  - Invasive species: what DOESN'T belong, why they are a problem, and how they are managed.
  - Easily identifiable flora: native plants that may be seen just by walking around
  - The Scaly Skins: Lizards, snakes, scorpions, fish, etc. (cold-blooded critters)
  - Warm-blooded creatures: coyote, kangaroo rat, etc.
  - Wash Geology. Include the aggregate (which would make the mining folks happy)



# Updates

The website was reskinned per the previous plan. Look and feel is much better but work remains to be done in four areas specifically:

1. Document management/expiration dates
2. Dead link audit
3. Page consolidation
4. Landing pages

# New Landing Pages

- We are developing topic-specific landing pages to support key initiatives and organizational needs. This allows stakeholders and partners to find information in one place and helps us better manage it. It also helps for SEO purposes, which is important because now more than 50% of web traffic comes organically.
- Upcoming:
  - [About Us](#)
  - [Press Room](#)
  - [Educational Resources](#)
  - [Board Page](#)
- Completed:
  - [Plunge Creek Conservation Project](#)
  - [Wash Plan](#)
  - [Groundwater Council](#)

San Bernardino Valley Water Conservation District

Home About Us Our District Conservation Projects Reports and Data

# Exchange Plan

Home | Projects | Exchange Plan

## Exchange Plan (Cooperative Water Project)

The San Bernardino Valley Water Conservation District is the project manager for the Cooperative Water Project and provides a Daily Flow Report of all delivery points in the Exchange Plan System. The Exchange Plan System is made up of all the entities that manage surface water flows in the upper watershed of the Santa Ana River. The District produces a Daily Flow Report that tracks the water in this system, providing valuable information to system operators; it is also used in the preparation of the Big Bear Watermaster report and the District's Engineering Investigation Report of the Bunker Hill Basin. This information is also distributed to all water managers in the basin daily. For more information and to see the current Daily Flow Reports Click here.

Learn more about the Exchange Plan...

Helping Nature Store Our Water

San Bernardino Valley Water Conservation District

Home About Us Our District Conservation Projects Reports and Data

History and Mission  
Groundwater Charge  
Facilities and Resources  
Services  
Budgets & Financials  
Career Opportunities  
Information and Records  
Procurement  
News and Press  
Publications  
What Happened

Water Recharge  
Hard in wet years  
Provide water in dry times

Groundwater Reports  
Annual engineering investigation and report on groundwater conditions.

Wash Plan  
A Habitat Conservation Plan for the Santa Ana River Wash, including infrastructure, excavation, and trails in the Santa Ana River Wash.

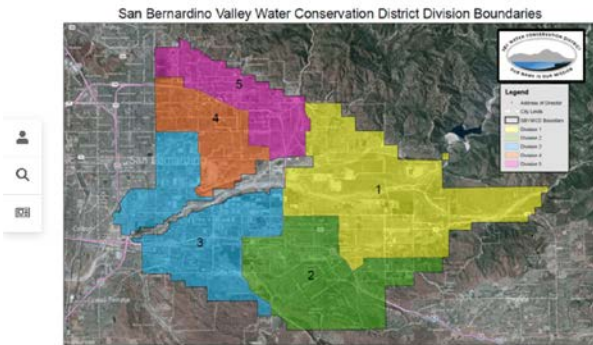
Transparency  
Open access to information about our operations  
sbvwcd.org/our-district

Board Agendas & Minutes  
Our meetings and decisions are open to the public.

Daily Flow Reports

2 12 2021 DFR  
2 11 2021 DFR  
2 10 2021 DFR  
2 9 2021 DFR  
2 8 2021 DFR  
2 5 2021 DFR

In this Section  
Our Board  
Agendas, Minutes & Packets  
Transparency and Accountability  
Public Record Request  
Site Credits



Five Division Boundary Map as a PDF File

(79 KB) Form 806s for member meetings

The Board members welcome the comments, questions, and concerns of their fellow citizens. District meetings are regularly scheduled and open to the public. Here's where you can see the next meeting agenda. To email any Board member email [BoardMember@sbvwcd.org](mailto:BoardMember@sbvwcd.org).

### Current Board Members

Click on the director's name to see their bio.



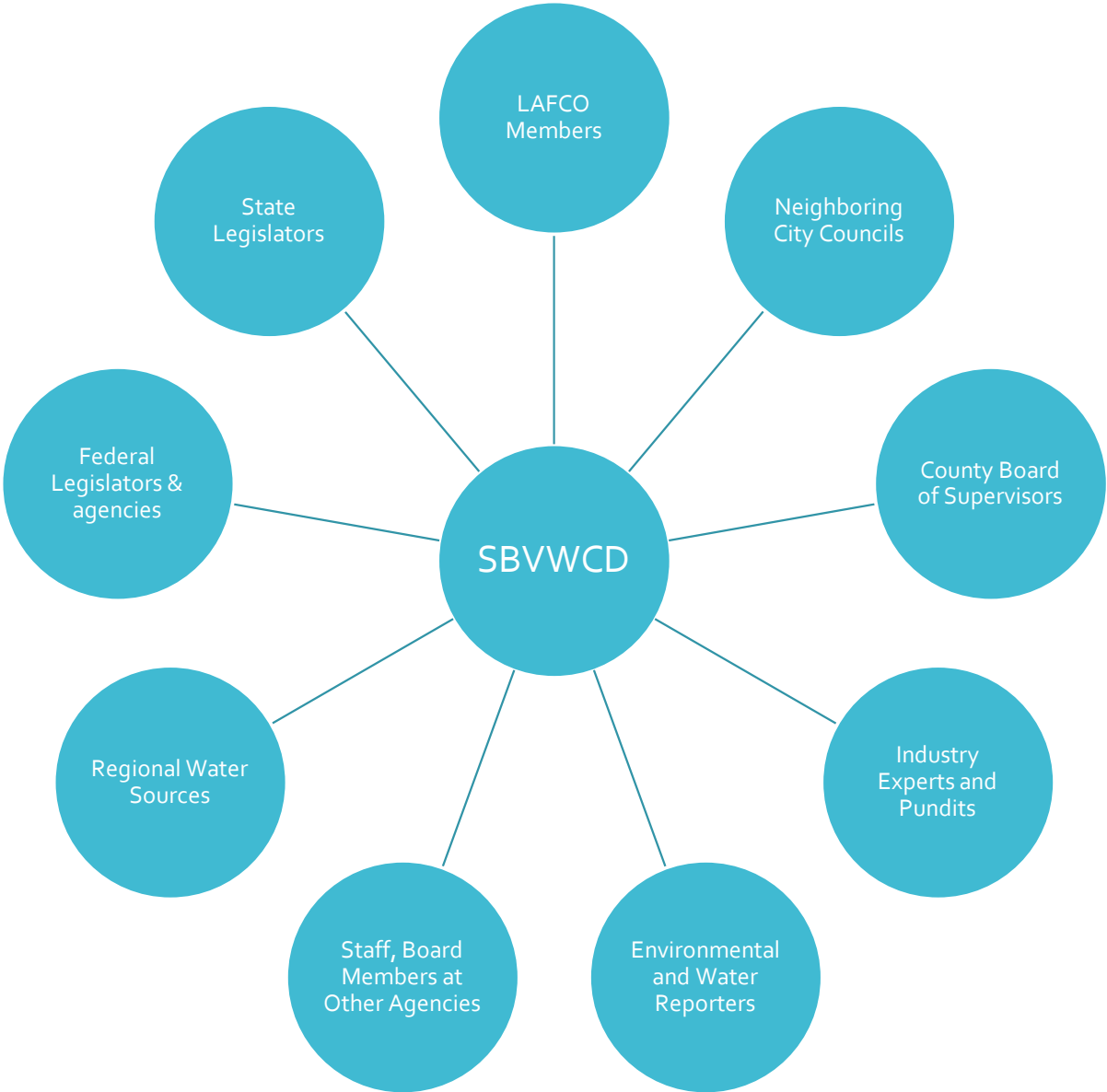
# Key Messaging

- Key messaging for the district is based upon the brand discovery process as developed by the board and staff of SBVWCD. Messaging to our partners includes an emphasis on collaboration.
  - Ongoing stewardship
  - Resourcefulness
  - Strategic approach to fulfilling our mission
  - Relationship directed (collaboration)
  - Service to community
- **Tagline:** Helping Nature Store our Water
- **Internal Description:** SBVWCD = Resourceful Guardians of the Valley Water Basin.

# Essence Statement

For more than a century, we have cultivated our relationship to the community, to one another, and to the land itself. We are stewards of the San Bernardino Valley water basin and the native species of the wash above it. We protect the land that cradles our region's water by being proudly scrappy and fearlessly creative. We take a fiscally prudent, pragmatic approach towards fulfilling our mission so that the water supply and the environment it depends upon will be forever protected and available for the community's use.

# Key Stakeholders



# San Bernardino Valley Water Conservation District

## Monthly Recharge Report

From: 2/1/2021  
To: 2/28/2021



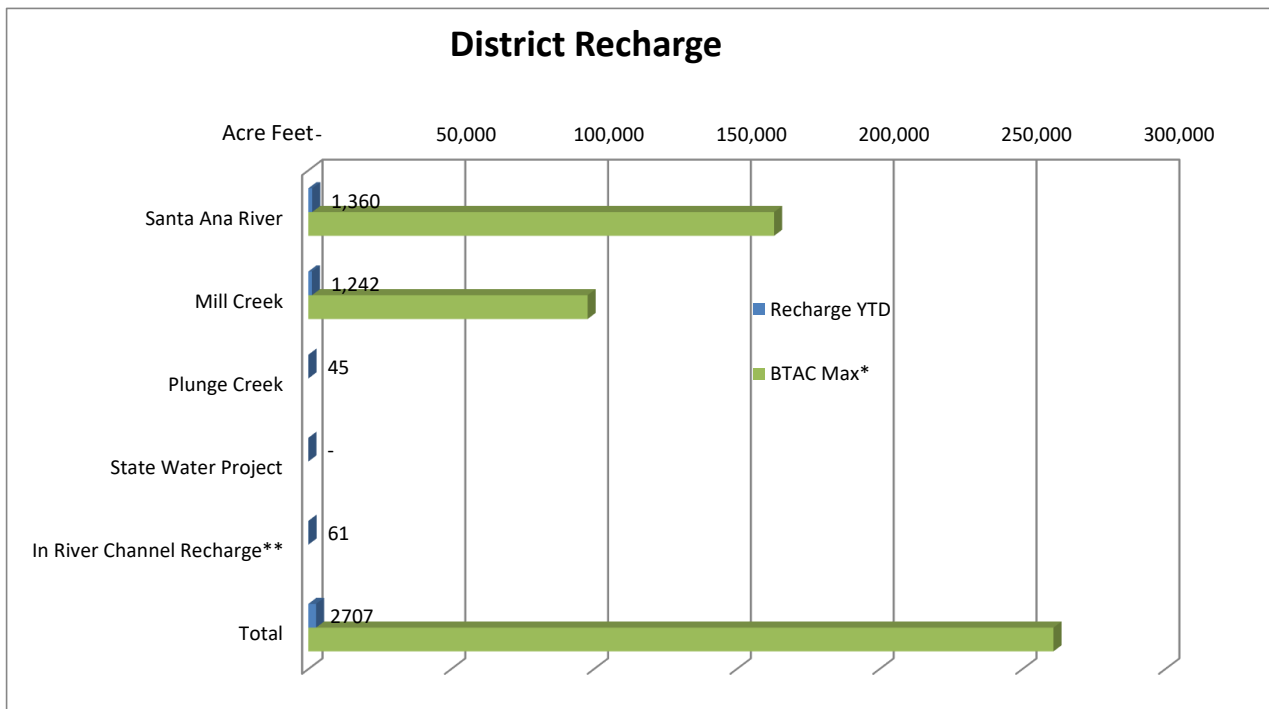
	February				
	Avg Daily Recharge	Monthly Recharge	Recharge YTD	BTAC Max*	% Max
Santa Ana River	6.7	188	1,360	163,100	1%
Mill Creek	7.7	217	1,242	97,800	1%
Plunge Creek	0.2	5	45	#N/A	#N/A
State Water Project	0.0	-	-	#N/A	#N/A
In River Channel Recharge**	0.8	21	61	#N/A	#N/A
<b>Total</b>	<b>15</b>	<b>431</b>	<b>2707</b>	<b>260,900</b>	<b>1%</b>

Values in Acre Feet

\*BTAC Revised Max in December 2020

\*\*Monitoring began in Mid-April 2011

\*\*\* All Values Based on Water Year Oct-Sep 2021





**San Bernardino Valley  
Water Conservation District**  
Helping Nature Store Our Water

## **Mill Creek Diversion Project Status Report**

**March 10, 2021**

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### **BACKGROUND**

The Board directed staff to design and construct needed improvements to the Mill Creek Diversion gate system to reduce maintenance, environmental impact and costs related to debris management. The goal of the Mill Creek Diversion Debris Management Project (Project) is to construct a modified diversion system that redirects debris and creek bed sediments back to the Mill Creek channel system, while allowing the water to be rerouted to the existing spreading grounds for groundwater recharge. The project has been included in the District's Priority Plan as a number one priority.

The project is currently in the latter stages of the design process. A project schedule is included as an attachment to this report. Below is the status of the major items of work on the projects:

### **CEQA Compliance**

The Board approved the Mitigated Negative Declaration in June of 2017. The State Clearinghouse acknowledged CEQA compliance in July of 2017.

### **Existing Consultant Agreements**

The Board has approved contracts with CWE (design engineering), Aguilar Consulting, Inc (water quality management plan), Bonadiman & Associates (survey), and Jericho Systems Inc. (CEQA and environmental permitting). Those contracts are all still active. Terracon served as a subconsultant to CWE to prepare the required slope analysis on the existing levee. Hydro Gate has been recently retained to prepare plans and design services on the gate structures.

### **Plans, specifications, and estimates (PS&E)**

The current plans are at 95% complete. The plans have gone through a rigorous review process by staff and the San Bernardino County Flood Control District. Details are being added to the plans for the gate structures.

The project specifications are at 50% complete. The Special Provisions are completed but the General Conditions and the body the specifications have not been started. The estimated project construction cost was last updated in June of 2017.

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Redlands, CA 92373  
Phone: 909.793.2503  
Fax: 909.793.0188  
www.sbvwd.org Email: info@sbvwd.org

### **BOARD OF DIRECTORS**

Division 1:  
Richard Corneille

Division 2:  
David E. Raley

Division 3:  
Robert Stewart

Division 4:  
John Longville

Division 5:  
Melody McDonald

### **GENERAL MANAGER**

Daniel B. Cozad

## **Permitting**

The State of California Dept. of Fish and Wildlife 1602 permit was obtained in July 2020.

The State of California Regional Water Quality Control Board 401 permit was obtained in June 2020.

The United States Army Corps of Engineers Section 404 of the Clean Water Act permit is in progress. Additional comments were received on February 3<sup>rd</sup>, 2021. Those comments included the requirement for an air quality study. That study is in progress.

The United States Army Corps of Engineers Section 408 permit as required by Section 10 of the Rivers and Harbors Act of 1899, is in progress. Additional comments were received on February 3<sup>rd</sup>, 2021. Those comments included the requirement of the gate details. The plans had included the note “per manufactures requirements” but that was not acceptable to the Corps. That plan revision is in progress.

No other permits are known to be required.

## **Project Planning**

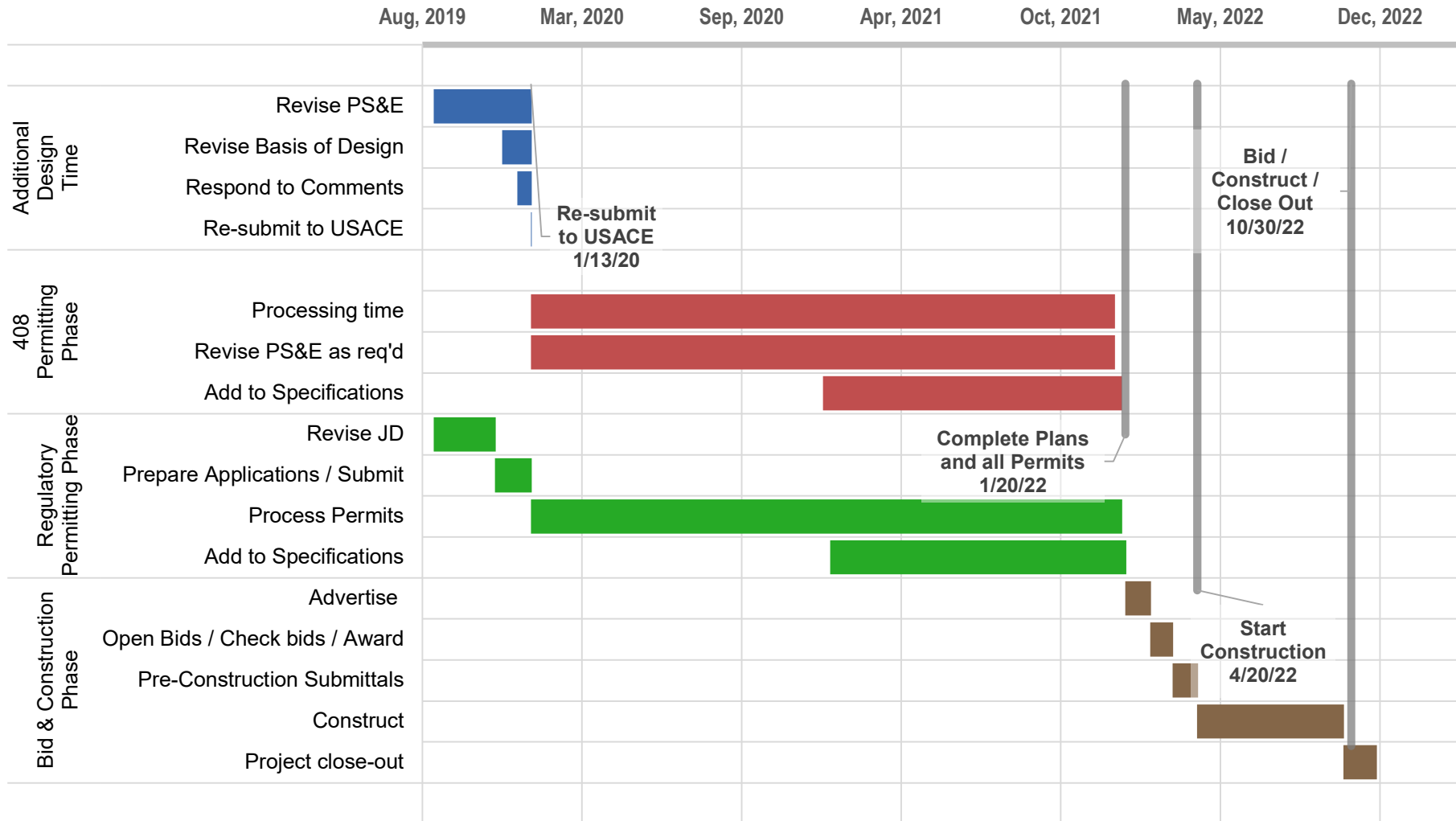
Based on the recent requests from the USACOE staff has made a projection of future activities to complete the project. The estimated project timeline is shown in the attachment. Once planning is complete and USACOE indicated a there are not further questions or revisions a detailed project schedule will be prepared for procurement and construction.

## **Attachment**

Project Schedule



# Mill Creek Diversion Project Schedule





## 2021 Board Calendar - San Bernardino Valley Water Conservation District

JANUARY						
S	M	T	W	Th	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

Jan. 13 Board Meeting  
Jan. 27 2<sup>nd</sup> Qtr. Finance & Admin Mtg.

JULY						
S	M	T	W	Th	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Jul. 14 Board Meeting  
Jul. 28 4<sup>th</sup> Qtr. Finance & Admin Mtg.

FEBRUARY						
S	M	T	W	Th	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28						

Feb. 10 Board Meeting

AUGUST						
S	M	T	W	Th	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Aug. 12 Board Meeting

MARCH						
S	M	T	W	Th	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

Mar. 10 Board Meeting  
Engineering Investigation Report Presentation  
Mar. 24 3<sup>rd</sup> Qtr. Finance & Admin Mtg.

SEPTEMBER						
S	M	T	W	Th	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

Sept. 8 Board Meeting

APRIL						
S	M	T	W	Th	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

Apr. 14 Board Meeting  
Public Meeting/Groundwater Charge  
Apr. 28 Board Meeting  
Public Hearing/Groundwater Charge

OCTOBER						
S	M	T	W	Th	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

Oct. 13 Board Meeting

MAY						
S	M	T	W	Th	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

May 12 Board Meeting

NOVEMBER						
S	M	T	W	Th	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

Nov. 10 Board Meeting  
Nov. 24 1<sup>st</sup> Qtr. Finance & Admin Mtg.

JUNE						
S	M	T	W	Th	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

Jun. 9 Board Meeting

DECEMBER						
S	M	T	W	Th	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Dec. 8 Board Meeting (@ 9:30 a.m.)  
Holiday Luncheon