



The meeting teleconference will begin shortly

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or by calling **(877) 853-5247** using meeting ID **684-456-030**

View the live meeting presentation at <https://sbvmwd.zoom.us/j/684456030>
PASSCODE: 3802020

Public comments, suggestions or questions regarding technical issues may be
emailed to comments@sbvmwd.com



Please use the chat feature in the Zoom toolbar to let the moderator know that you would like to make a comment during the meeting or use the digital “raise hand” 🖐️ function in Zoom.



Please mute your microphone during the meeting to reduce background noise. Click on the microphone icon to unmute your microphone if needed.



NOTICE REGARDING (COVID-19)

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

Please note that all actions taken by the Board during today's meeting will be conducted by a roll call vote.





Call to Order

Regular Meeting of the Board of Directors
Tuesday, March 16, 2021



Pledge of Allegiance





Roll Call



**Paul
Kielhold**
President



June Hayes
Vice President



**T. Milford
Harrison**
Treasurer



**Gil J.
Botello**
Director



**Susan
Longville**
Director





Public Comment

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

** Please use the chat feature on the Zoom toolbar or digitally raise your hand to let the moderator know you would like to make a comment.*





Approval of Minutes (Pg. 3)

Regular Board Meeting – March 2, 2021





Board Motion & Roll Call Vote

Staff Recommendation

To approve the minutes of the March 2, 2021,
Regular Meeting of the Board of Directors as
presented.



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Discussion Item 3.1 (Pg. 10)

Kai Palenscar, Ph.D. – Project Manager II, Biological Resources

Presentation on a Pilot Project Underway at the Enhanced Recharge Project Area to Test the Long-term Effectiveness of San Bernardino Kangaroo Rat Habitat Enhancement Treatments

Staff Recommendation
Receive and file





Alluvial Fan Sage Scrub Habitat Restoration Pilot Project

Kai Palenscar
Project Manager, Biologist
March 16, 2021

Board Action: Receive and File

Overview

Upper Santa Ana River Habitat Conservation
Plan (HCP)

Alluvial Fan Sage Scrub Habitat

Restoration Pilot Project

Next Steps



South of Plunge Creek near Cemex Plant.
Photo: Kai Palenscar, SBVMWD

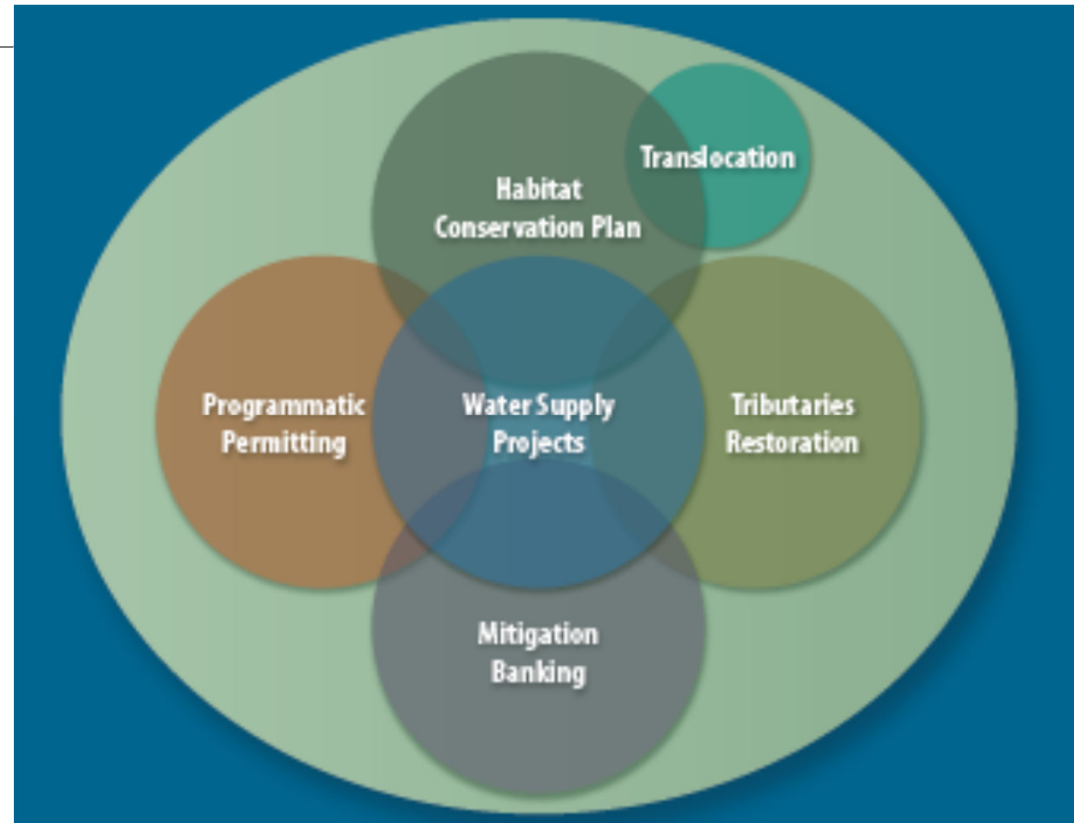


Santa Ana River alluvial fan within 1969 breakout channel near Enhanced Recharge.
Photo: Kai Palenscar, SBVMWD

Upper Santa Ana River Habitat Conservation Plan (HCP)

HCP OVERVIEW

- Participating Agencies: 12
- Timeline: 50 Years
- Covered Activities: ~ 70 Projects
- Covered Species: 22
- Conservation Strategy
 - Land Acquisition
 - **Habitat Restoration**
 - Translocation
 - **Long-Term Monitoring and Adaptive Management**



HCP: Covered Species

Plants (2 spp.)

- **Slender-horned spineflower**
- **Santa Ana River woolly-star**

Invertebrates (1 sp.)

- Delhi Sands flower-loving fly

Fish (3 spp.)

- Santa Ana sucker
- Arroyo chub
- Santa Ana speckled dace

Herpetofauna (6 spp.)

- Arroyo toad
- **Western spadefoot**
- Mountain yellow-legged frog
- Western pond turtle
- South Coast garter snake
- **California glossy snake**

Birds (8 spp.)

- Least Bell's vireo
- Southwestern willow flycatcher
- Yellow-breasted chat
- Western yellow-billed cuckoo
- Tricolored blackbird
- **Burrowing owl**
- **Coastal California gnatcatcher**
- **Cactus wren**

Mammals (2 spp.)

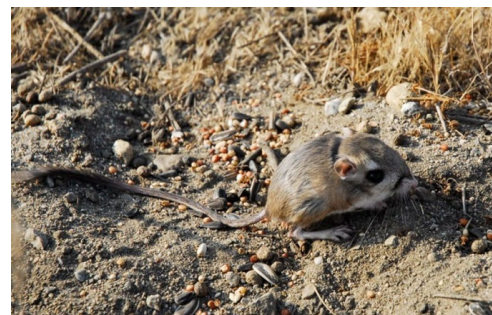
- **San Bernardino kangaroo rat**
- **Los Angeles pocket mouse**



San Bernardino kangaroo rat
* Photo: Highland News



SAR Woolly-Star
* Photo: SB County Public Works



San Bernardino kangaroo rat
* Photo: USFWS



Burrowing owl.
* Photo: Cornell Lab of Ornithology

HCP Conservation Strategy: Preserve System

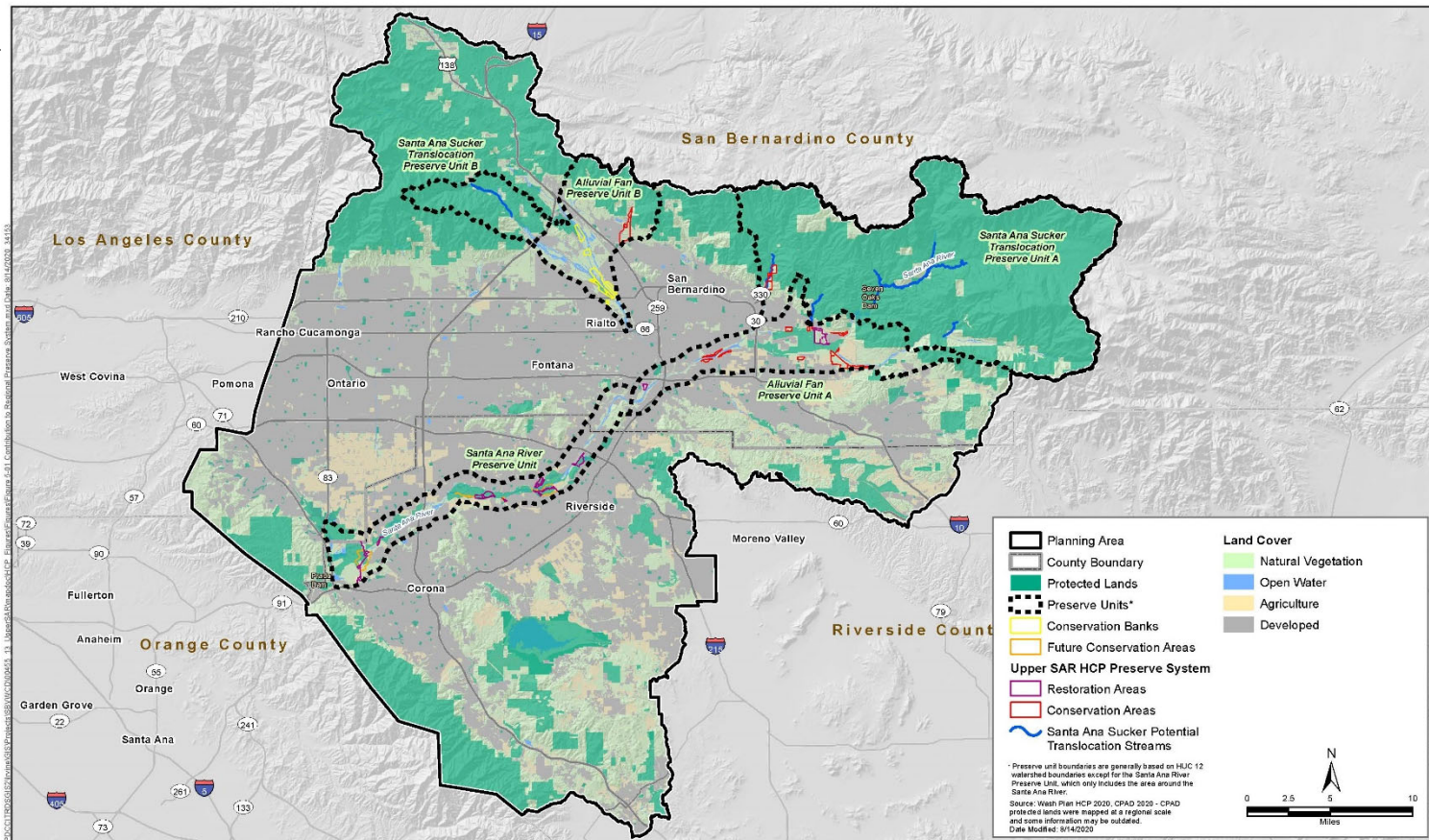
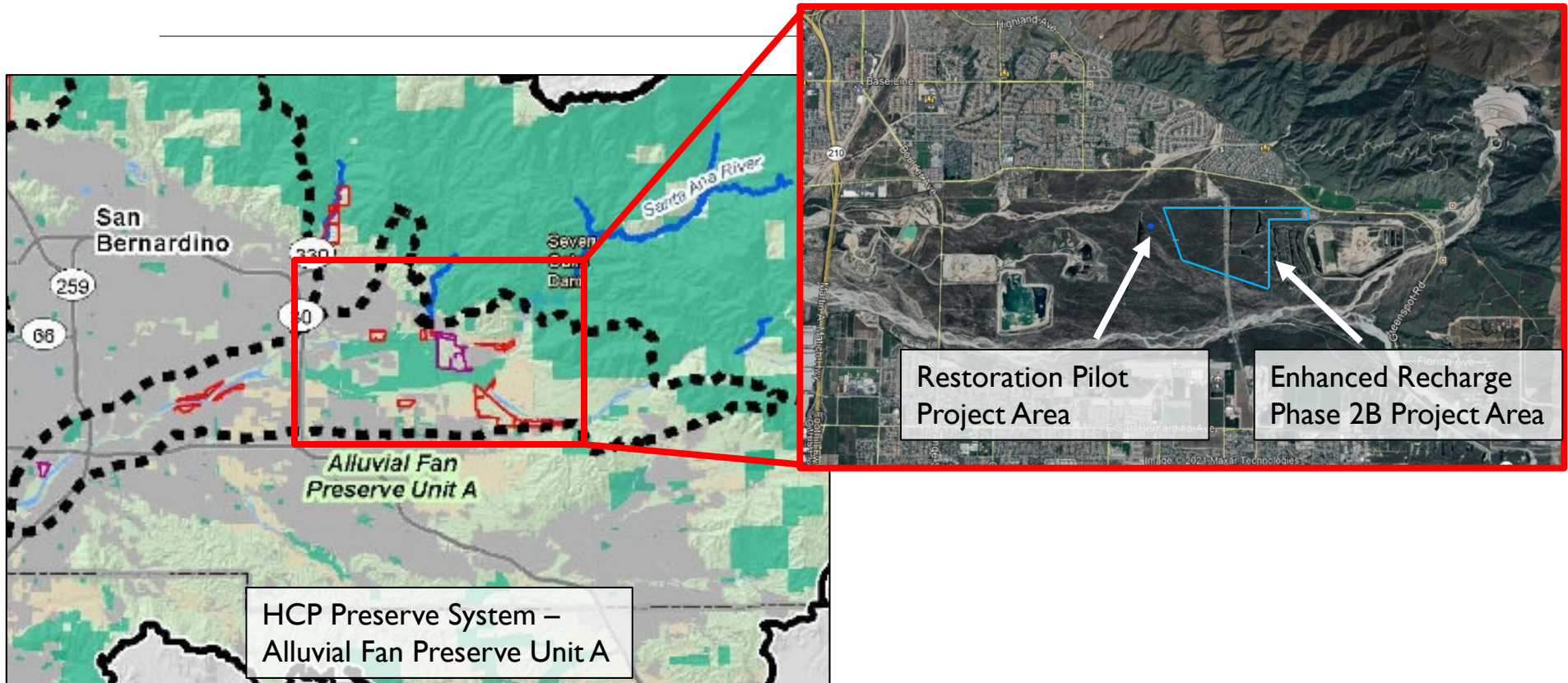


Figure 5-1 Upper Santa Ana River HCP Preserve System

HCP Conservation Strategy: Preserve System



Alluvial Fan Sage Scrub (AFSS)

GOAL - APPLY AND MONITOR VARIOUS RESTORATION TREATMENTS

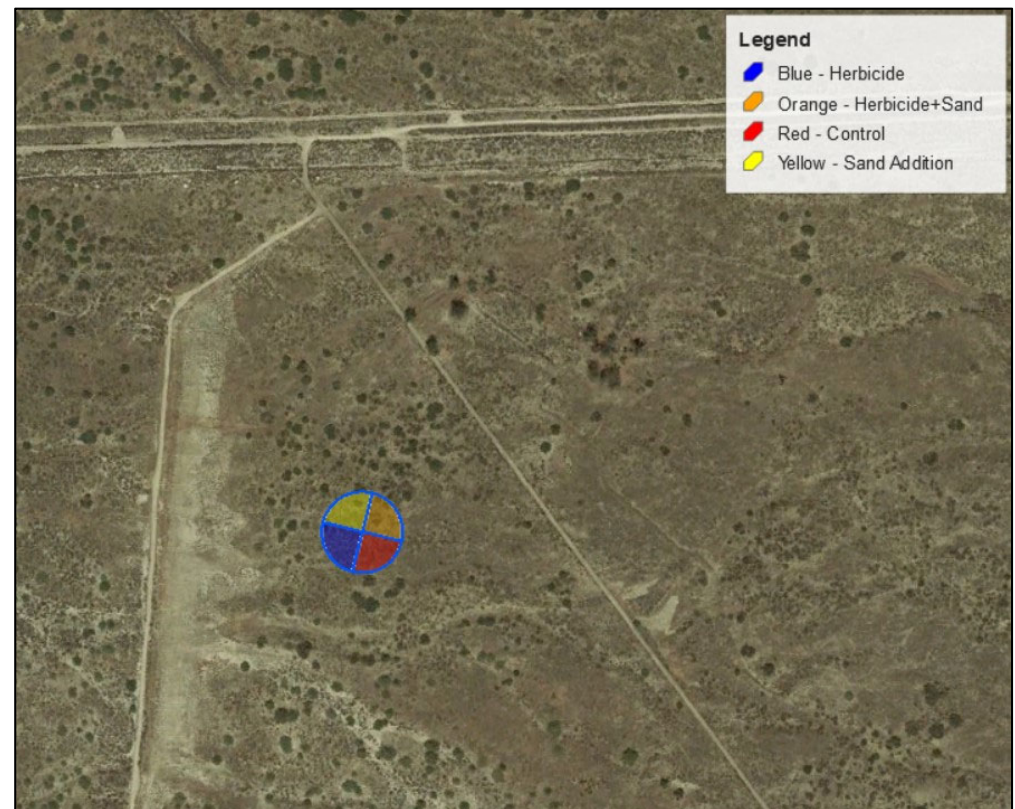
Plot : 1-ac, circular with multiple treatments

Pilot Project (short-term monitoring: 1+ yr)

- Sediment (sand) addition
 - Sand will be from Mill Creek Spreading Grounds
- Chemical Treatment (herbicide)
 - Grass-specific (Fusilade)
- Herbicide+sediment addition
 - 2 treatments combined
- Control (no treatment)
 - Used to monitor change

Future Plots (long-term monitoring: 10+ yr)

- Sediment Extraction (removal)
 - To be applied to future projects
- Grazing (sheep/goats)
 - To be applied to future projects



Alluvial Fan Sage Scrub: Baseline Condition (Feb. 2021)

EXISTING CONDITION:

VEGETATION AND SOIL ASSESSMENTS

San Diego Zoo Wildlife Alliance
(aka: SDZ Institute for Conservation
Research)

- Funding: Enhanced Recharge/High Flow Study
- Vegetation Cover
 - Species composition
 - Shrub density
 - SBKR Movement
- Sediment Condition
 - Soil samples



Baseline Condition of AFSS Restoration Plot on February 26, 2021.
Photos: Kai Palenscar, SBVMWD

Alluvial Fan Sage Scrub: Habitat Restoration

TREATMENT TYPE

Chemical Application

- grass specific herbicide (Fusilade) applied March 1, 2021



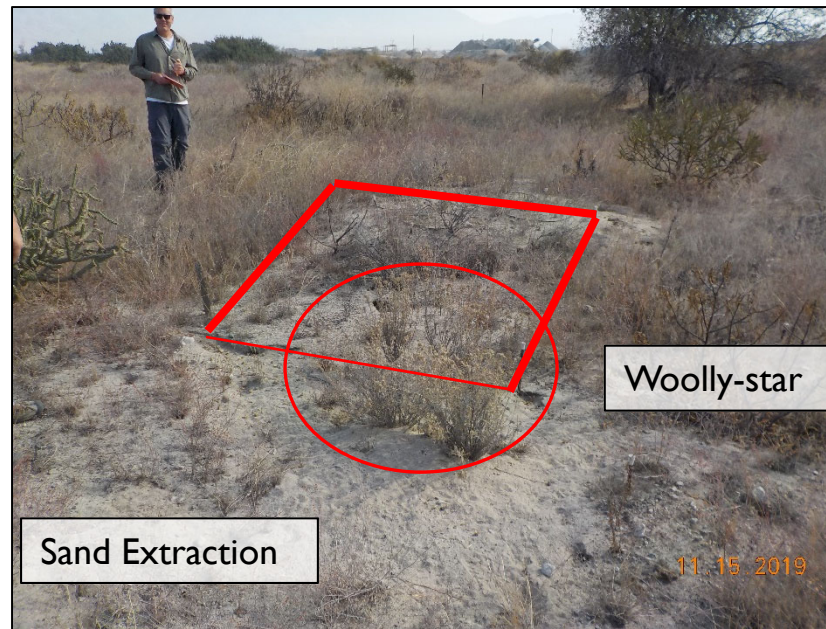
Application of Fusilade herbicide on March 1, 2021.
Photos: Aaron Echols, IERCD

Alluvial Fan Sage Scrub: Habitat Restoration

TREATMENT TYPES

Sediment Application

- Mill Creek sand (fall 2021)



Long-term experimental location for Santa Ana River woolly-star restoration.
Photos: Kai Palenscar, SBVMWD

Next Steps

ESTABLISH LONG-TERM RESTORATION PLOTS

Monitor Pilot Project

- One or more years to show short-term effectiveness of restoration techniques.

Establish Long-term Restoration Plots

- Create additional plots with replication in various habitat types and soil composition
- Work with SBVWCD to find appropriate locations of these plots.





Board Motion & Roll Call Vote

Staff Recommendation

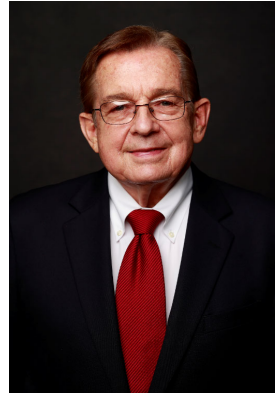
Receive and File



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Discussion Item 4.1 (Pg. 16)

Bob Tincher, PE, MS – Chief Water Resources Officer/Deputy GM

Consider Agreement Regarding the City of Rialto Lease of Capacity in the Inland Empire Brine Line

Staff Recommendation

Authorize the General Manager to execute the Brine Line Capacity Agreement with the City of Rialto, subject to any non-substantive legal changes.



Board Motion & Roll Call Vote

Staff Recommendation

Authorize the General Manager to execute the Brine Line Capacity Agreement with the City of Rialto, subject to any non-substantive legal changes.



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Discussion Item 4.2 (Pg. 26)

Shavonne Turner, MPA – Water Conservation Program Manager

Consider Contract Extension with Western Weather Group for the Weather Station Maintenance Program for 2021 and 2022

Staff Recommendation

Authorize the CEO/General Manager to execute Amendment No. 3 to the consulting services agreement with Western Weather to continue maintaining our weather station system during the 2021 and 2022 calendar years. The total cost for the service would be \$29,480 spread over two fiscal years.



Weather Station Maintenance Program 2021-2022

March 16, 2021

Weather Station Sites



- 1) **Rialto West Valley** – Located on Riverside Ave. in North Rialto
- 2) **San Bernardino** – Located at the water treatment plant on N. Waterman Ave
- 3) **Bloomington** – Located at the Veolia Wastewater Treatment Plant on Santa Ana Ave in Southeast Rialto
- 4) **Loma Linda** – Located on Ohio Street at the Fire Station
- 5) **Highland** – Located on 5th Street adjacent to YMCA
- 6) **Yucaipa** – Located at the Yucaipa Valley Water Treatment Plant on Oak Glen Road

Services and 2021-2022 Quote



Ln #	Description	Qty	Unit Price	Ext. Price
1	METEOROLOGICAL SERVICES FOR THE 2021 AND 2022 CALENDAR YEARS. Monitoring and data collection, processing and display services will be billed on a semi-annual basis in the months of January and July of 2021 and 2022. Calibration services will be performed in April and October of each year and billed upon the completion of the field service work.			
2	Collection, processing, storage and display of data from the six San Bernardino Valley MWD weather stations; Bloomington, Highland Operations, Loma Linda, San Bernardino, Rialto West Valley, Yucaipa using the Weather Weather Group Microsoft Azure Cloud weather data platform. Data to be made publically available on the WWG Data Platform with a public URL. Service includes uploading weather station data to the Weather Underground website.	4	\$750.00	\$3,000.00
3	Semi-annual calibration and report (April 2021)	1	\$5,375.00	\$5,375.00
4	Semi-annual calibration and report (October 2021)	1	\$5,375.00	\$5,375.00
5	Semi-annual calibration and report (April 2022)	1	\$5,375.00	\$5,375.00
6	Semi-annual calibration and report (October 2022)	1	\$5,375.00	\$5,375.00
7	Funding, as needed, for factory repairs, factory calibrations and replacement parts	1	\$4,980.00	\$4,980.00
			SubTotal	\$29,480.00
			Sales Tax	\$0.00
			Shipping	\$0.00
			Total	\$29,480.00

UNLESS NOTED, SHIPPING CHARGES WILL BE ADDED TO INVOICE



Board Motion & Roll Call Vote

Staff Recommendation

Authorize the CEO/General Manager to execute Amendment No. 3 to the consulting services agreement with Western Weather to continue maintaining our weather station system during the 2021 and 2022 calendar years. The total cost for the service would be \$29,480 spread over two fiscal years.



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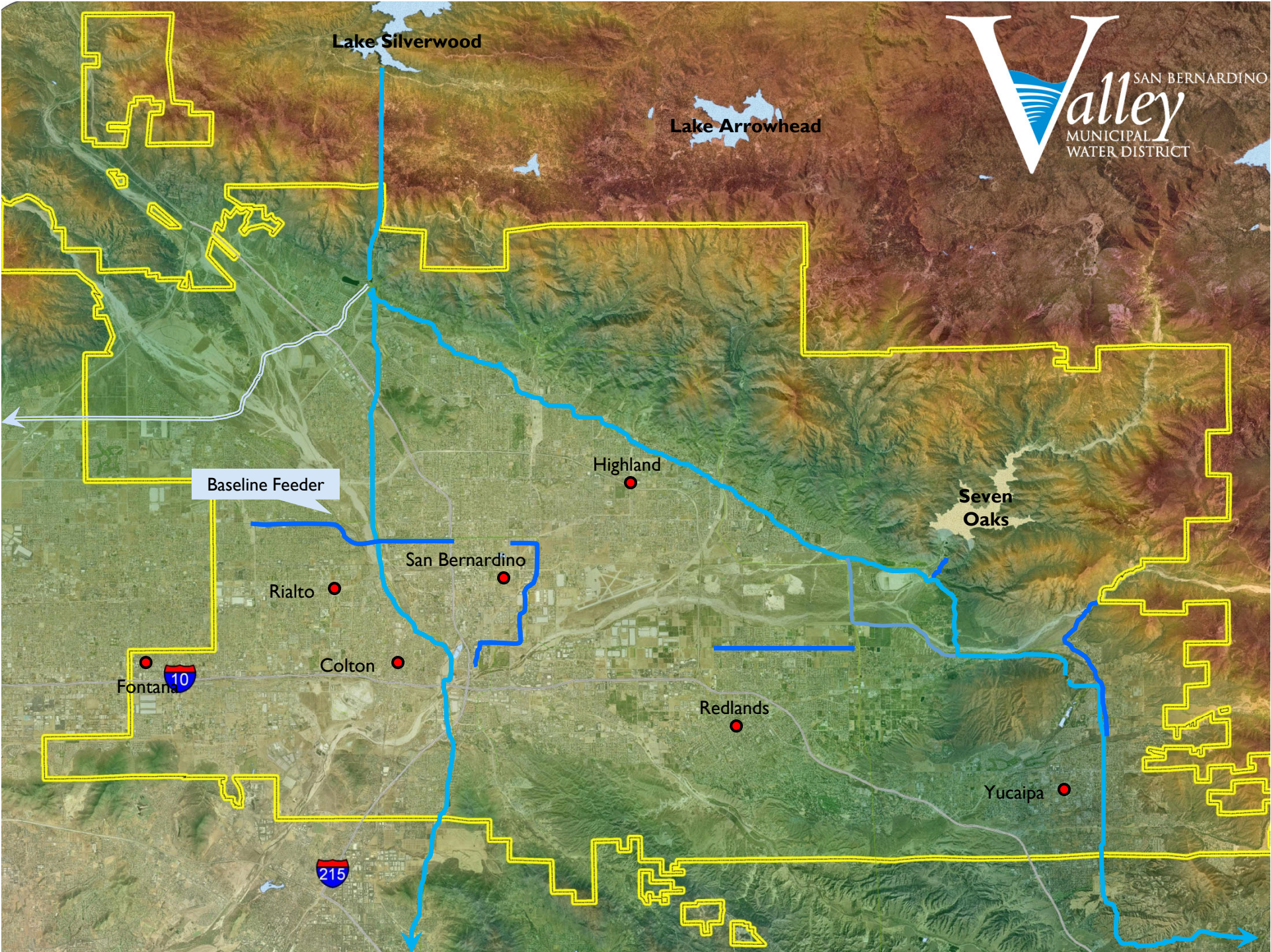
Discussion Item 4.3 (Pg. 34)

Aaron Jones, EIT – Associate Engineer

Consider Agreements with Tesla for Participation in a Self-Generation Incentive Program to Provide Megapack Batteries for the Baseline Feeder System

Staff Recommendation

Staff recommends the Board of Directors enter into the agreements with Tesla for this renewable energy incentive program and enable the CEO/General Manager to execute these agreements on the Districts behalf.





SGIP Equity Resiliency

The California Public Utilities Commission recently created a category in their Self-Generation Incentive Program (SGIP) called Equity Resiliency (ER) that incentivizes batteries for a specified subset of customers that are

- 1) in a low-income or disadvantaged community,
- 2) are at risk of, or have experienced two or more public safety power shutoffs (PSPS) events, and
- 3) are considered 'critical'.

The 9th Street Well Complex meets these criteria.

Through the SGIP, there will be no purchase cost for the batteries themselves, nor will there be any installation fees.

Tesla's Megapack Offer

The incentive program is set up as follows:

- 1) Tesla will receive the SGIP ER rebate payments over 5-years
- 2) The District, on behalf of the Baseline Feeder Stakeholders, will receive ownership of the Megapack system upon installation for \$0.
- 3) Tesla will provide a turnkey installation, operate and maintain the system for 10-years, and provide a 15-year warranty for the batteries.



Benefits to BLF Stakeholders

- Annual electricity bills reduced by more than \$78,000
- Additional emergency backup power during outages (approximately 2.4 hours)
- SBVMWD owns hardware from day one
- Tesla operates and maintains the system



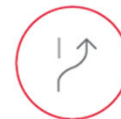
EMERGENCY BACKUP

Powers a facility when the grid goes down



PEAK SHAVING

Discharge at times of peak demand to reduce expensive demand charges



LOAD SHIFTING

Shift energy consumption from one point in time to another





Board Motion & Roll Call Vote

Staff Recommendation

Staff recommends the Board of Directors enter into the agreements with Tesla for this renewable energy incentive program and enable the CEO/General Manager to execute these agreements on the Districts behalf.



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Reports Item 5.1 (Pg. 72)

General Manager's Report – March 2021





Reports Item 5.2

SAWPA Meeting Report





SAWPA MEETING SUMMARY

March 16, 2021

Regular Commission Meeting

- Received presentations on the following:
 - FYE 2022 and 2023 OWOW and Roundtables Fund Draft Budgets
 - Proposition 84 Round 2 Implementation Grant and Proposition 1 Round 1 Implementation Grant Status Update
 - Disadvantaged Community Involvement (DCI) Program Status

Reports Item 5.3

Director's Primary Representative and Activity Report



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Treasurer



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Reports Item 5.4 (Pg. 74)

Operations Report – February 2021





Reports Item 5.5 (Pg. 80)

Treasurer's Report – February 2021





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

RECOMMENDATION:
APPROVE THE EXPENSES FOR THE MONTH OF FEBRUARY 2021
FOR THE FOLLOWING FUNDS:

STATE WATER CONTRACT FUND	\$	2,215,102.02
DEVIL CANYON / CASTAIC FUND	\$	104,812.00
GENERAL FUND	\$	1,094,803.47

APPROVED:

TREASURER

DATE



Board Motion & Roll Call Vote

Staff Recommendation

Staff recommends the Board approve the expenses for the month of February 2021.



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Reports Item 5.6 (Pg. 93)

Directors' Fees and Expenses for February 2021





Announcements Item 6.1 (Pg. 99)

- A. March 16, 2021, 9:30 a.m. – SAWPA Commission Meeting
- B. March 16, 2021, 2 p.m. – Regular Board Meeting by Teleconference
- C. April 1, 2021, 2 p.m. – Board Workshop – Resources by Teleconference
- D. April 6, 2021, 8:30 a.m. – SAWPA PA 23 Meeting
- E. April 6, 2021, 9:30 a.m. – SAWPA Commission Meeting
- F. April 6, 2021, 10:00 a.m. – SAWPA PA 24 Meeting
- G. April 6, 2021, 2 p.m. – Regular Board Meeting by Teleconference
- H. April 6, 2021, 2 p.m. – Regular Board Meeting by Teleconference
- I. April 8, 2021, 2 p.m. – Board Workshop – Policy by Teleconference
- J. April 13, 2021, 8:30 a.m. – SAWPA PA 22 Meeting
- K. April 13, 2021, 2 p.m. – Board Workshop – Engineering by Teleconference
- L. April 14, 2021, 1:30 p.m. – San Bernardino Valley Water Conservation District Board Meeting
- M. April 20, 2021, 9:30 a.m. – SAWPA Commission Meeting
- N. April 20, 2021, 2 p.m. – Regular Board Meeting by Teleconference
- O. April 28, 2021, 1:30 p.m. – San Bernardino Valley Water Conservation District Board Meeting



Adjournment

