



# The meeting teleconference will begin shortly

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# Call to Order

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Regular Meeting of the Board of Directors  
Tuesday, September 20, 2022

# Pledge of Allegiance

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# Roll Call

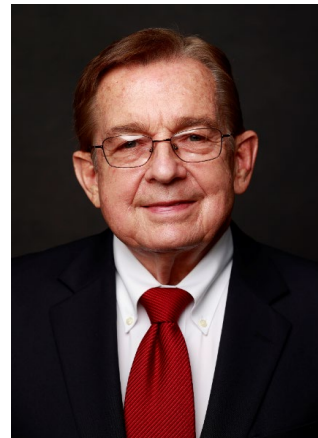
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**Paul Kielhold**  
President



**June Hayes**  
Vice President



**T. Milford  
Harrison**  
Treasurer



**Gil J. Botello**  
Director



**Susan Longville**  
Director

# Public Comment

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

# Consent Calendar

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

# Consent Calendar 2.1 – 2.4

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2.1 Approve Meeting Minutes (Page 4)

2.2 Authorize Funding the Development of a Master Plan for the Louis Robidoux Parkland & Pecan Grove (Page 11)

2.3 Approve Award of Contracts for the SARER IA Lining Rehabilitation Project (Page 12)

2.4 Authorize the Cooperative Agreement with Riverside County Regional Park & Open Space District to Fund Ranger and Operations Positions (Page 13)

# Board Motion & Roll Call Vote

## Staff Recommendation Approve Consent Calendar 2.1 – 2.4



**Paul Kielhold**  
President



**June Hayes**  
Vice President



**T. Milford  
Harrison**  
Treasurer



**Gil J. Botello**  
Director



**Susan Longville**  
Director





# Discussion Items 3.1 – 3.4

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**Heather Dyer, MS, MBA – Chief Executive Officer/General Manager**

# Discussion Item 3.1

(Pg. 14)

Consider Scoping Study on Forecast-Informed  
Reservoir Operations at Seven Oaks Dam

# Board Motion & Roll Call Vote

## Staff Recommendation

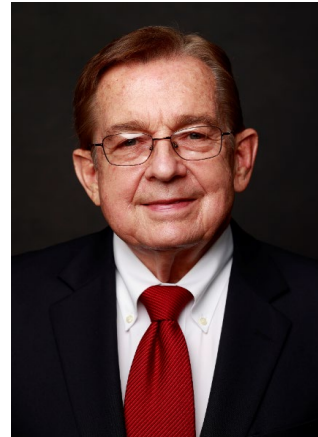
Staff is recommending the Board consider an agreement with the University of California, San Diego, Scripps Institute of Oceanography to conduct a scoping study and preliminary technical studies on Forecast-Informed Reservoir Operations (FIRO) at Seven Oaks Dam located on the Santa Ana River (SAR).



**Paul Kielhold**  
President



**June Hayes**  
Vice President



**T. Milford  
Harrison**  
Treasurer



**Gil J. Botello**  
Director

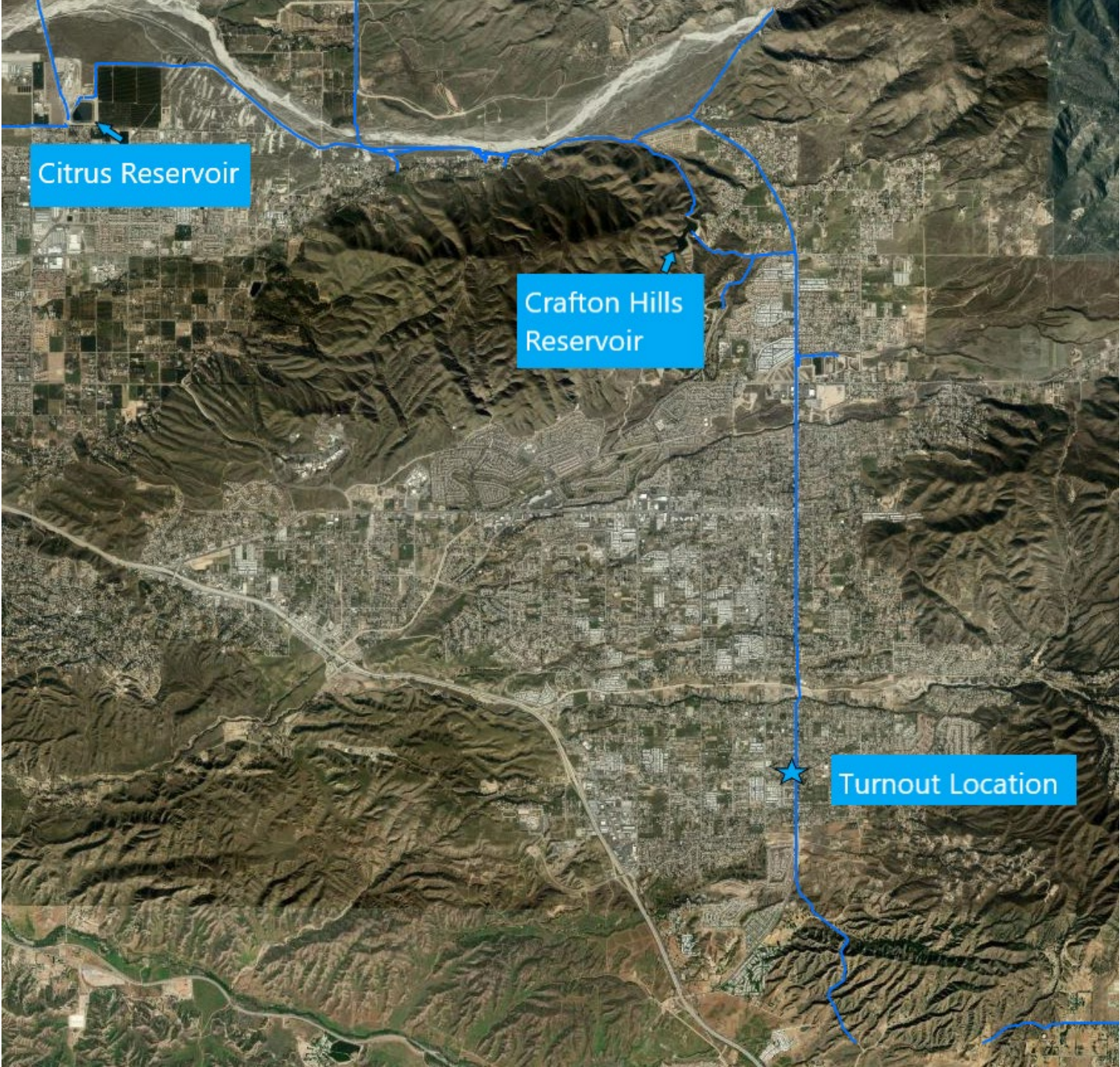


**Susan Longville**  
Director

# Discussion Item 3.2

(Pg. 61)

Consider Draft Term Sheet for the County Line Recharge Basin Project and Authorize the CEO/General Manager to execute a Professional Agreement with EETS for Electrical Design Services and approve an advanced fund of \$60,000 to DWR for the State Water Project Turnout








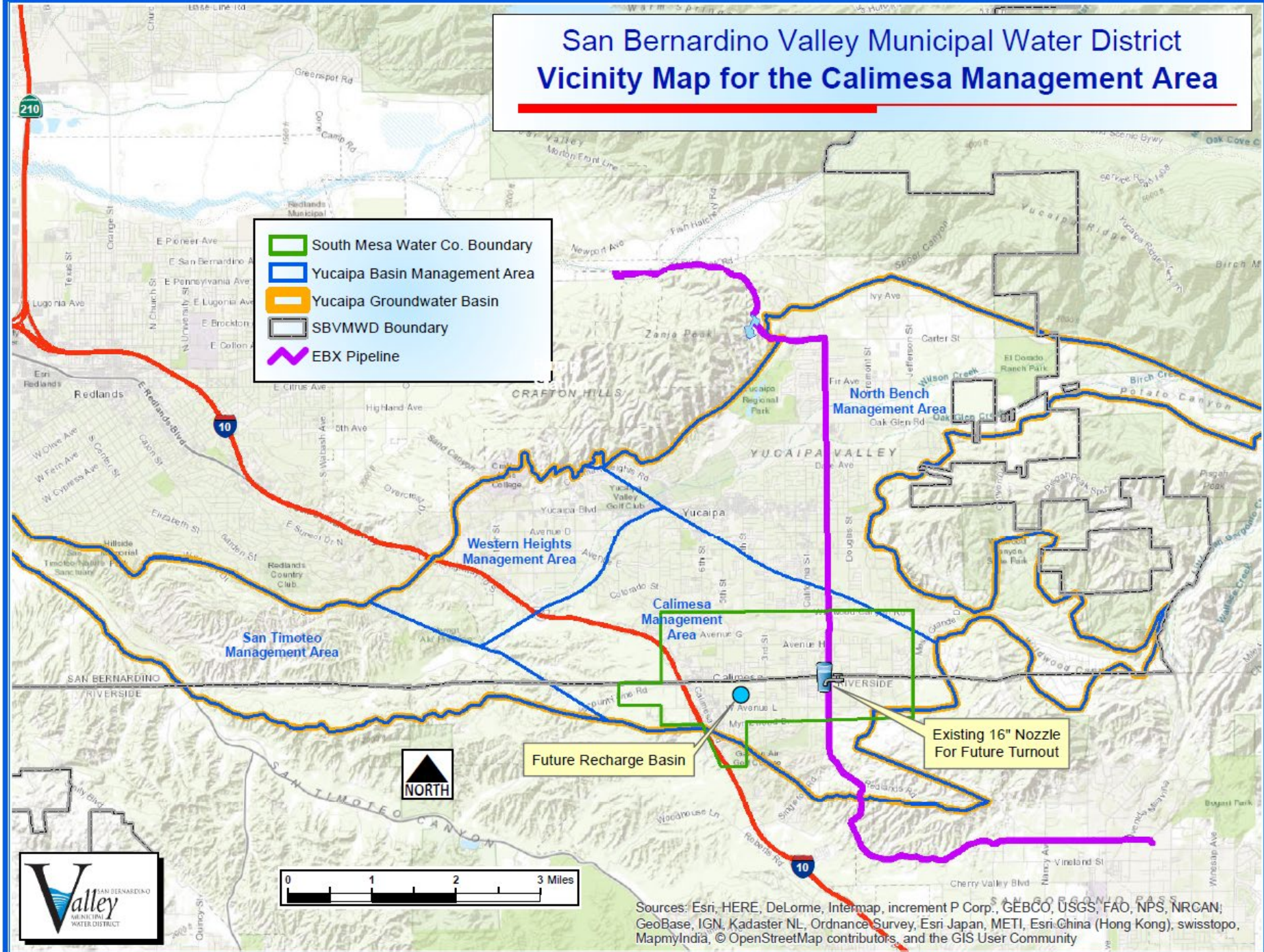
Citrus Reservoir

Crafton Hills Reservoir

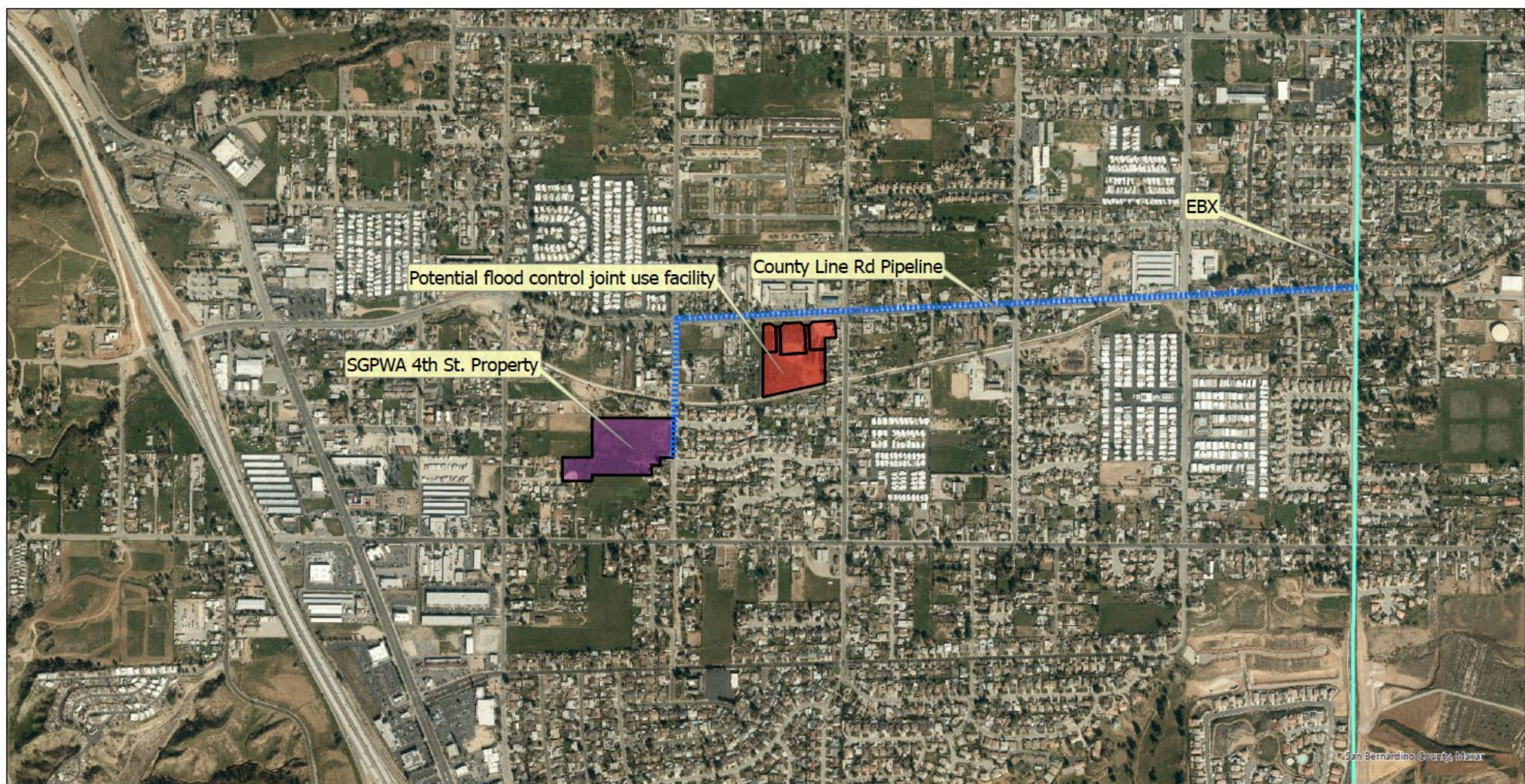
Turnout Location

# San Bernardino Valley Municipal Water District Vicinity Map for the Calimesa Management Area

-  South Mesa Water Co. Boundary
-  Yucaipa Basin Management Area
-  Yucaipa Groundwater Basin
-  SBVMWD Boundary
-  EBX Pipeline



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN; GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri-China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community



# County Line Recharge Multi-Agency Joint Project



# Background

- The Yucaipa Groundwater Sustainability Plan has identified the need for recharge in the Calimesa Management Area (CMA)
- The Yucaipa Subbasin has been designated by DWR as a high priority basin based primarily on its reliance on groundwater for water supply (the CMA is part of the Yucaipa Subbasin)
- A new recharge basin in the Calimesa Management area is being proposed
  - Basin Bottom Area = 1.4 Acres
- State Water Project Turnout off East Branch Extension
  - 0-12 CFS capacity
  - Connect to SMWC existing main line, in County Line Road, which is being repurposed for raw water delivery



# Draft Term Sheet

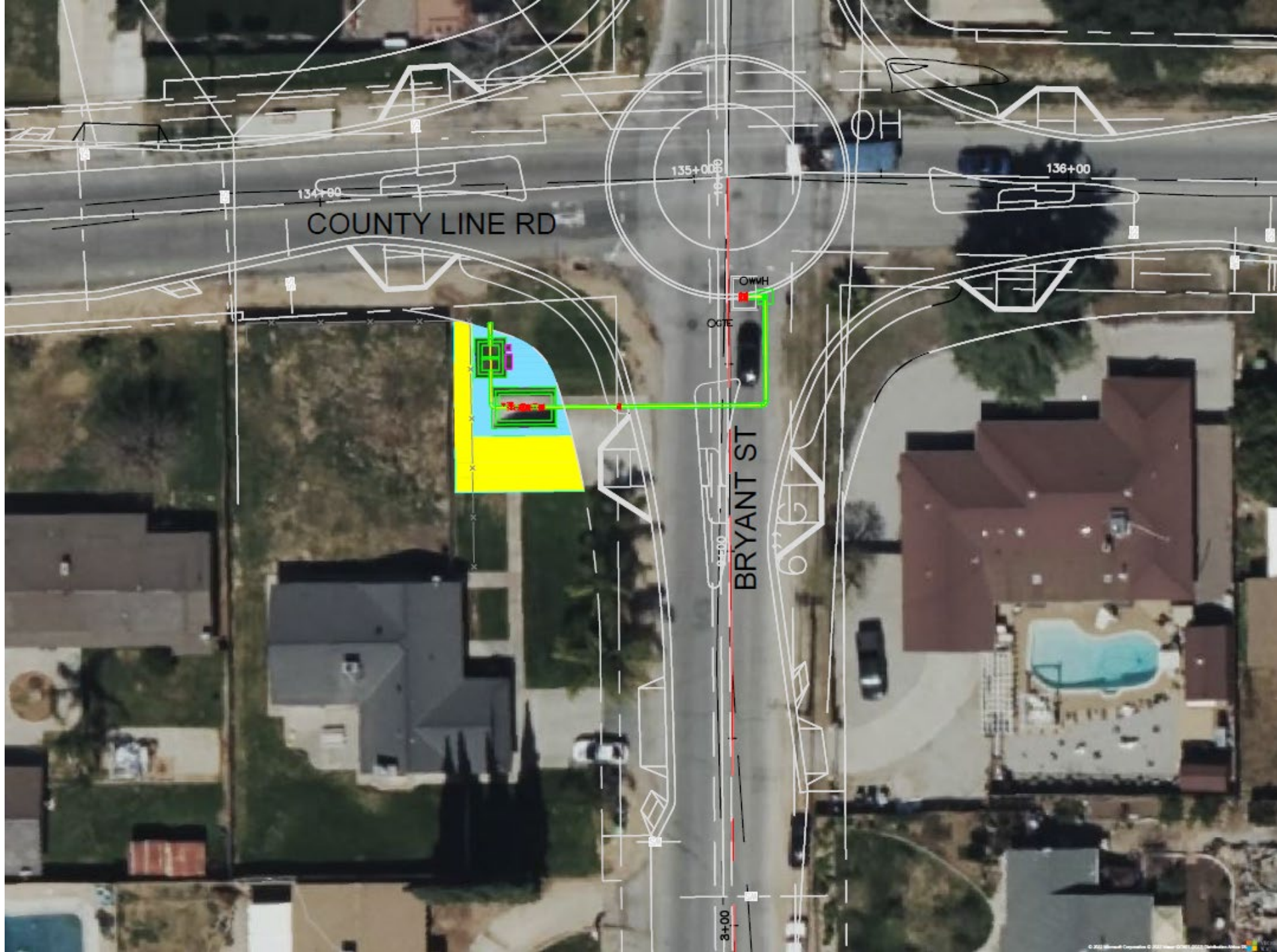
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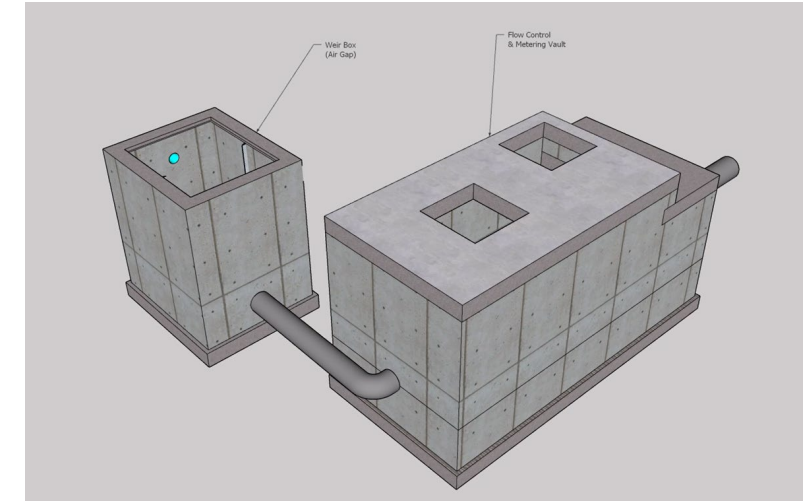
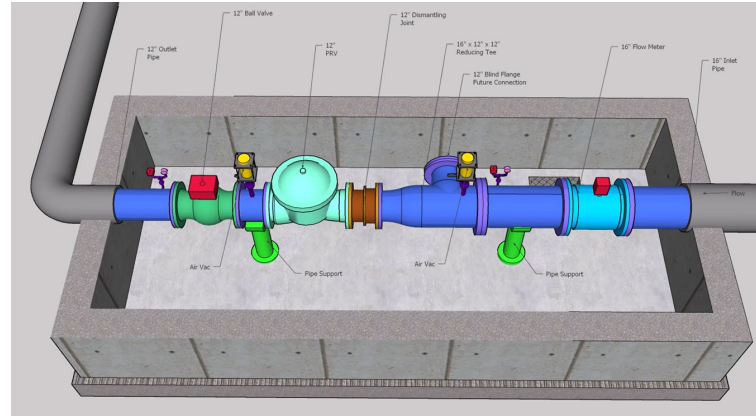
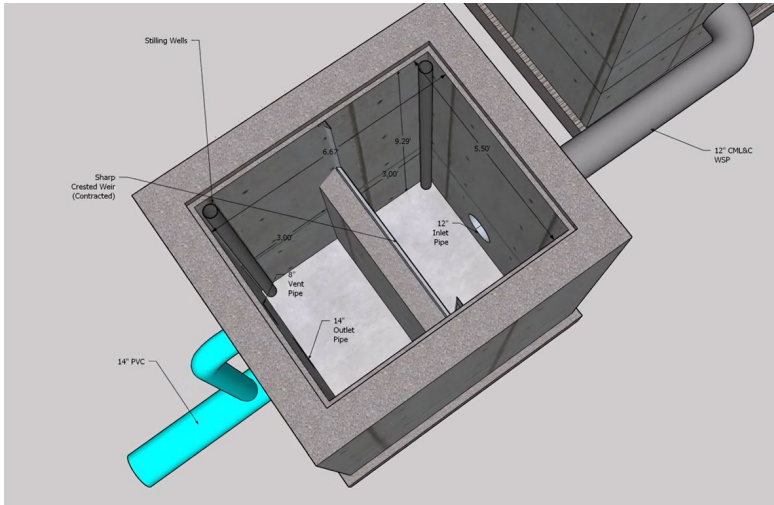
## Valley District will be responsible for

- design and construction of a new SWP turnout facility for the Project, and
- identifying potential grant opportunities

## SGPWA will be responsible for

- acquisition of the property,
- preparation of environmental documentation for the Project, and
- design and construction of the recharge facilities





# Flow Control & Metering Vault, Weir Box



# Funding

-Valley District, on behalf of the Yucaipa GSA, intends to apply for a grant through the Sustainable Groundwater Management Grant Program - Sustainable Groundwater Management Act administered through DWR

- No match requirement but extra points given

-Valley District and SGPWA expect the grant to cover the overall cost of the Project. Local match and grant proceeds to be shared proportionately if the grant doesn't cover the entire project costs



Valley District plans to perform the civil/hydraulic/structural design in-house assisted by Scheevel Engineering for the turnout



As for electrical design, Staff reached out to EETS Inc. for an electrical engineering and design proposal. The design fee is estimated at \$32,200



In addition, to initiate the engineering review process of the Turnout, the Department of Water Resources requested an advance fund of \$60,000 for the Project

Design/DWR  
Review

# Board Motion & Roll Call Vote

## Staff Recommendation

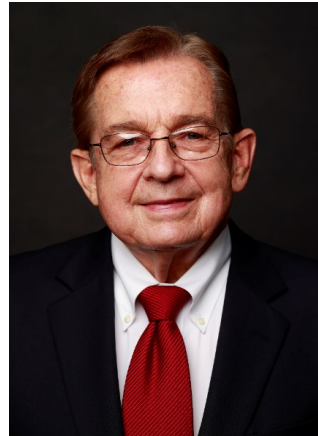
Review and provide feedback to Staff on the draft Term Sheet for the development of the County Line Recharge Basin Project with SGPWA and authorize the CEO/GM to execute a professional service agreement with EETS in the amount of \$32,200 and approve an advanced fund of \$60,000 to DWR to initiate the engineering review for a SWP Turnout



**Paul Kielhold**  
President



**June Hayes**  
Vice President



**T. Milford  
Harrison**  
Treasurer



**Gil J. Botello**  
Director



**Susan Longville**  
Director

# Discussion Item 3.3

(Pg. 70)

Authorize Funding of Technical Assistance Agreement with United States Geological Survey, Western Ecological Research Center for Fiscal Year 2022-2023



# Technical Assistance Agreement USGS – WERC FY22-23



## TASKS

1. Southwestern Pond Turtle
2. Mountain yellow-legged frog conservation actions in SAR (SBNF)



# TASK I. SOUTHWESTERN POND TURTLE

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- Continuation & expansion of surveys from 2020-2021
- Expansion: Mill Creek Wetlands, upper Chino Creek
- Increase understanding at Sunnyslope Creek & surrounds
  - Trapping
  - Data collection: habitat, nonnative species
  - Data summary report

Important data for HCP and long-term monitoring and management strategy

# TASK 2. MOUNTAIN YELLOW-LEGGED FROG

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➤ Continuation of past survey efforts:

- Monitoring
- Habitat suitability assessments
- MYLF releases
  - One location in HCP
    - Demographics
    - Distribution
    - Population size

➤ Additional Data Collection:

- Disease, water quality, habitat parameters, site disturbances
- Assessment of additional sites for potential release
- Assist with releases

# STRATEGIC PLAN APPLICATION

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Provide a reliable and sustainable water supply

- Supports mitigation requirements of HCP regulatory permits
  - Permit approximately 80,000 acre-feet per year of local water supply through construction and implementation of multiple water infrastructure projects.

# FISCAL IMPACT

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Total Cost: \$142,664

- USGS: \$123,634 (46%)
- Valley District: \$142,664 (54%)
  - HCP Partners: \$85,599 (60%)
  - Valley District: **\$57,066 (40%)**

Included in approved FY 22/23 budget Line Item 6350 – United States Geological Survey)

# Board Motion & Roll Call Vote

## Staff Recommendation

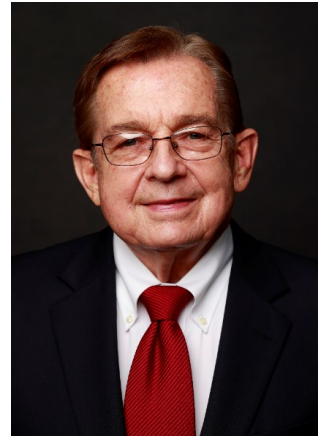
Staff recommends the Board authorize the CEO/General Manager to execute a Technical Assistance Agreement (TAA) with the United States Geological Survey (USGS) Western Ecological Research Center (WERC) for FY 2022-2023.



**Paul Kielhold**  
President



**June Hayes**  
Vice President



**T. Milford  
Harrison**  
Treasurer



**Gil J. Botello**  
Director



**Susan Longville**  
Director

# Discussion Item 3.4 (Pg. 83)

Consider Authorizing the Purchase and Installation  
of a Zoning System for the Existing Air  
Conditioning Unit at Redlands Pump Station

# Background

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- Redlands Pump Station (RPS) is an integral part of the regional facilities, which may also be used to convey groundwater to MWDSC customers during drought
- At the time of construction, RPS was equipped with a 70-ton HVAC unit in anticipation of future expansion
- Adding the five-zone system and proper thermostat controls will allow the HVAC unit to function properly throughout the entire facility
- When the RPS is operational and/or water is delivered to MWD, it requires the pump station to be manned and operated 24 hours per day
- Bids were solicited from 4 area companies. Ontario Refrigeration was the low bid at a total cost of \$56,895





# Board Motion & Roll Call Vote

## Staff Recommendation

Staff recommends the Board of Directors authorize the purchase and installation of a five-zone zoning system to optimize the operation of the air-conditioning system for the entire Redlands Pump Station (RPS) in the amount of \$56,895.



**Paul Kielhold**  
President



**June Hayes**  
Vice President



**T. Milford  
Harrison**  
Treasurer



**Gil J. Botello**  
Director



**Susan Longville**  
Director

# Reports Item 4.1 (Pg. 88)

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

# Reports Item 4.2

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General Counsel Report

# Reports Item 4.3

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SAWPA Meeting Report



## **SAWPA MEETING SUMMARY**

**September 20, 2022, Regular Meeting**

### **SAWPA Commission**

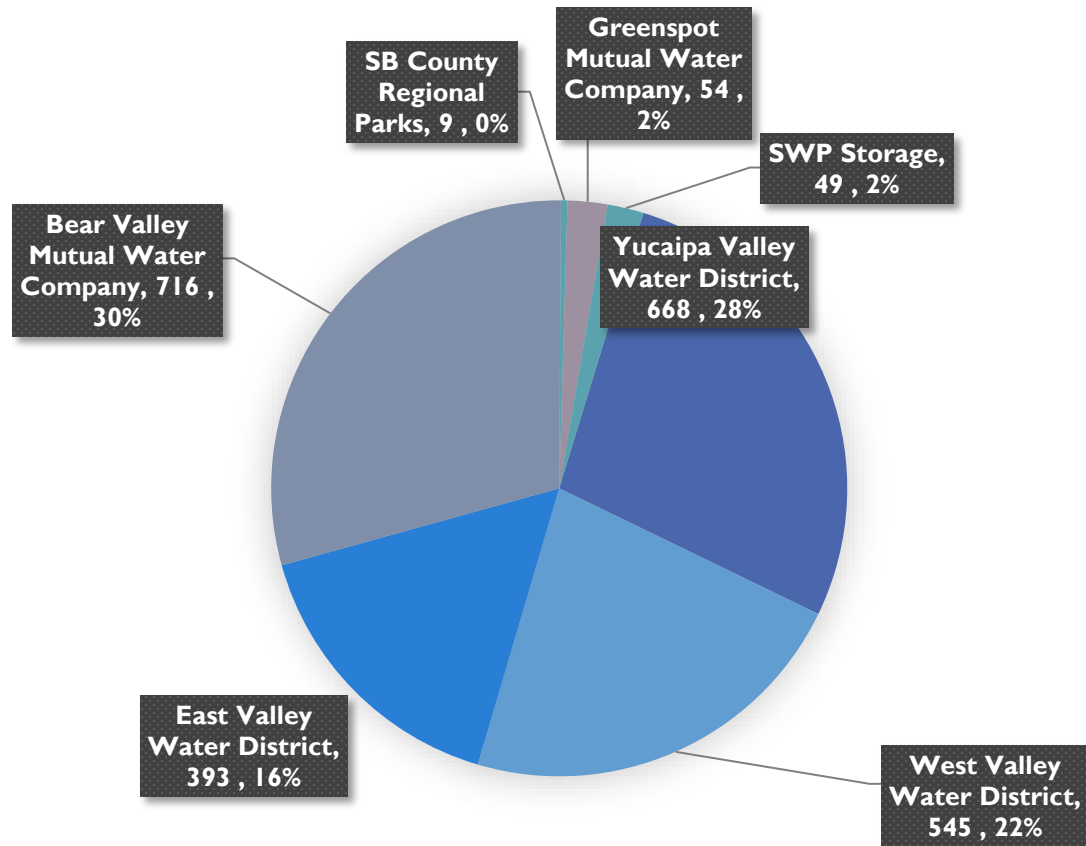
- Received the following informational reports:
  - Legislative Report
  - Proposition 1 Round 2 Integrated Regional Water Management Call for Projects Update

# Reports Item 4.4 (Pg. 94)

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Operations Report

# Operations Report – August 2022



## Direct Delivery Turnouts

	<u>Amount (in AF)</u>
Yucaipa Valley Water District	668
West Valley Water District	545
East Valley Water District	393
Bear Valley Mutual Water Company	716
SB County Regional Parks	9
Greenspot Mutual Water Company	54
SWP Storage	49

**Total August 2022 Deliveries = 2,434**



# Reports Item 4.5 (Pg. 100)

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## Treasurer's Report



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**SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT  
TREASURER'S REPORT  
FOR THE MONTH OF AUGUST 2022**

RECOMMENDATION:  
APPROVE THE EXPENSES FOR THE MONTH OF AUGUST 2022  
FOR THE FOLLOWING FUNDS:

STATE WATER CONTRACT FUND	\$	2,688,563.00
DEVIL CANYON / CASTAIC FUND	\$	113,551.00
GENERAL FUND	\$	2,088,227.10

# Future Business

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# Announcements Item 6.1

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September 21, 2022, 8:30 a.m. – Upper SAR WIFA by Teleconference - (Cancelled)

September 24, 2022, 8:30 a.m. – Putting the River Back in Riverside (Martha McLean Anza Narrows Park)

September 28, 2022, 8:30 a.m. – Upper SAR WIFA Technical Advisory Committee – by Teleconference - (Cancelled)

October 3, 2022, 1:30 p.m. – BTAC Meeting by Teleconference

October 4, 2022, 9:30 a.m. – SAWPA Commission Meeting

October 4, 2022, 10:00 a.m. – SAWPA PA 24 Meeting

October 4, 2022, 2 p.m. – Regular Board Meeting by Teleconference

October 5, 2022, 8:30 a.m. – Upper SAR WIFA by Teleconference

October 6, 2022, 2 p.m. – Board Workshop – Resources by Teleconference

October 10, 2022 – District closed in Observance of Columbus Day



# Announcements Item 6.1

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October 11, 2022, 2 p.m. – Board of Directors Workshop – Engineering by Teleconference

October 11, 2022, 3:30 p.m. – SBB Groundwater Council by Teleconference

October 12, 8:30 a.m. – Upper SAR WIFA Technical Advisory Committee – by Teleconference

October 12, 1:30 p.m. – San Bernardino Valley Water Conservation District Board Meeting

October 13, 2022, 2 p.m. – Board Workshop – Policy by Teleconference

October 18, 2022, 9:30 a.m. – SAWPA Commission Meeting

October 18, 2022, 2 p.m. – Regular Board Meeting by Teleconference

October 19, 2022, 8:30 a.m. – Upper SAR WIFA by Teleconference

October 20, 2022, 8:00 a.m. – Division II Forum: Equity Aspects of Water (Event Center at Bear Springs – 27923 Highland

Ave, Highland, CA, 92346)



# Closed Session

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# Adjournment

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