The meeting teleconference will begin shortly

Listen to the meeting by using your computer or tablet speakers or by calling (877) 853-5247 using meeting ID 684-456-030

View the live meeting presentation at https://sbvmwd.zoom.us/j/684456030

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, September 15, 2020
Pledge of Allegiance
Roll Call

T. Milford Harrison
President

Paul Kielhold
Vice President

Susan Longville
Treasurer

June Hayes
Director

Gil Navarro
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. 4)

Regular Board Meeting – September 1, 2020
Board Motion & Roll Call Vote

Staff Recommendation
To approve the minutes of the September 1, 2020 Regular Meeting of the Board of Directors as presented.

T. Milford Harrison
President

Paul Kielhold
Vice President

Susan Longville
Treasurer

June Hayes
Director

Gil Navarro
Director
Consider Amendment 6 to the Yuba Accord Agreement for a Dry Year Water Supply

Staff Recommendation

Staff recommends the Board authorize the CEO/General Manager to execute the Yuba Accord Amendment 6.
Meet and Confer
Lower Yuba River Accord
Water Purchase Agreement Amendment 7

Source: https://www.yubawater.org/DocumentCenter/View/84/Lower-Yuba-River-Accord-PDF

State Water Project Analysis Office
August 14, 2020
Background: Implementing Agreements

**Fisheries Agreement (YWA & Fishery Agencies)**
- Support higher flows in the lower Yuba River
- Protect and enhance fisheries (salmon, steelhead)

**Lower Yuba River Accord**

**Water Purchase Agreement (Yuba Water Agency & DWR)**
- Purchase and transfer of Yuba water
- Former Environmental Water Account
- Benefit CVP and SWP contractors
- Provide revenue to YWA for enhancing flood protection projects

**Conjunctive Use Agreement (YWA and Member Units on Groundwater)**
- Conjunctive use management
- Provisions of groundwater substitution water for Yuba Accord purposes
- Meet Instream Flow (Schedule 6)
Background: Tiered Water Purchase Agreements

- **Tier 3**
  - DWR & 24 PC
  - 24 Participation Agreements
  - Sharing of Yuba Water among 24 Participating Contractors (PC)
    - 23 SWP contractors
    - San Luis & Delta-Mendota Water Authority
  - Invoice process

- **Tier 2**
  - DWR & USBR
  - (incomplete)
  - Sharing of Yuba Water
  - DWR and USBR would execute Tier 3 with their respective Contractors

- **Tier 1**
  - DWR & YWA
  - Accounting of Yuba Water
  - Storage (Surface) water: C1, C2, and C3
    - **Price structure**
  - GW substitution water: C4 invoice process (price negotiated annually)
  - Max quantity = 200,000 acre-feet annually

C1 = Component 1
C2 = Component 2
C3 = Component 3
C4 = Component 4
Background: Water Purchase Agreement Amendments

- **Dec 2007:** Water Purchase Agreements executed
- **May 2009:** Amendment 1
  - Technical correction to Refill Criteria
- **May 2009:** Amendment 2
  - C4 pricing of $250 per acre-foot
- **April 2010:** Amendment 3
  - C4 pricing of $200 per acre-foot
- **April 2013:** Amendment 4
  - Annual negotiations of C4 water
  - Delta Export priority of C4 water
- **March 2019:** Amendment 6
  - Inclusion of Yuba Member Units in C4 negotiations in Schedule 6 year
- **Dec 2014:** Amendment 5
  - Pricing for 2016-2020
  - $20M Deposit
  - Third-Party Transfers
  - Two (2) additional SWP Participating Contractors
- **Aug 2020:**
  - Tier 1 Amendment 7
  - Tier 3 Amendment 6
  - Pricing for 2021-2025
# Yuba Surface Water Price Structure

<table>
<thead>
<tr>
<th>Water Year</th>
<th>Wet</th>
<th>Above Normal</th>
<th>Below Normal</th>
<th>Dry</th>
<th>Critical</th>
<th>Consecutive Dry/Critical</th>
</tr>
</thead>
<tbody>
<tr>
<td>Existing Amendment 5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2016 ~ 2020</td>
<td>50</td>
<td>100</td>
<td>150</td>
<td>200</td>
<td>300</td>
<td>350</td>
</tr>
<tr>
<td><strong>Yuba Proposal</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2021</td>
<td>64</td>
<td>128</td>
<td>191</td>
<td>255</td>
<td>383</td>
<td>447</td>
</tr>
<tr>
<td>2022</td>
<td>67</td>
<td>134</td>
<td>201</td>
<td>268</td>
<td>402</td>
<td>469</td>
</tr>
<tr>
<td>2023</td>
<td>70</td>
<td>141</td>
<td>211</td>
<td>281</td>
<td>422</td>
<td>492</td>
</tr>
<tr>
<td>2024</td>
<td>74</td>
<td>148</td>
<td>222</td>
<td>295</td>
<td>443</td>
<td>517</td>
</tr>
<tr>
<td>2025</td>
<td>78</td>
<td>155</td>
<td>233</td>
<td>310</td>
<td>465</td>
<td>543</td>
</tr>
<tr>
<td><strong>Final Amendment 7</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2021 ~ 2025</td>
<td>64</td>
<td>128</td>
<td>191</td>
<td>255</td>
<td>383</td>
<td>447</td>
</tr>
</tbody>
</table>

Water year type is based on May Sacramento Region 40-30-30 Water Supply Index. Unit price is $/acre-foot for C1 and C3. Unit price for C2 is 80% of C1.
Steps to Execute Yuba DWR-PC Tier 3 Amendment 6

1. DWR meets and confers with all Participating Contractors on the Tier 1 Amendment 7.
2. DWR confirms with YWA the approved Tier 1 Amendment 7.
3. YWA board approves Tier 1 Amendment 7 on Aug 18, 2020.
4. DWR sends draft Tier 3 Amendment 6 to each PC for review and edit.
5. DWR collects comments of draft Tier 3 Amendment 6 from each PC.
6. DWR finalizes Tier 3 Amendment 6 (1st week of Sep).
7. DWR Executive approves the final Tier 3 Amendment 6 and distributes to PC.
8. PC board approves the final Tier 3 Amendment 6 and notify DWR.
9. DWR sends out the final Tier 3 Amendment 6 for PC signature via DocuSign.
11. DWR executive signs and executes Tier 1 Amendment 7 and Tier 3 Amendment 6 by Sep 30, 2020.
12. DWR files Notice of Exemption for Tier 1 Amendment 7 and Tier 3 Amendment 6.
Staff Recommendation
Staff recommends the Board authorize the CEO/General Manager to execute the Yuba Accord Amendment 6.
Consider USGS Data Collection Program for Fiscal Year 2020 – 2021

Staff Recommendation
Staff recommends the Board authorize the General Manager to sign the cooperative program Joint Funding Agreement with the United States Geological Survey for the fiscal year 2020-2021 data collection program for $865,230. Valley District will invoice the other Watermaster parties for a total of $196,188 resulting in Valley District’s net contribution being $669,042.
USGS Data Collection Program

The USGS has provided Data Collection services for Valley District for the past several decades, in support of the:

- Western - San Bernardino Watermaster
- Santa Ana River Watermaster
- Habitat Conservation Plan
Element 1 - Watermaster Data Collection Program

- Total of 27 Stream Gages
- Total of 4 Precipitation Gages
15 Minute Data from San Timoteo Gage
Element 2 - Groundwater Level Monitoring Program

- 40 groundwater monitoring sites which contain a total 162 observations wells for monitoring WL's
Monthly Dunlap Acres Water Level Data
Program Summary for FY 2020-2021

Program Elements:
1. Watermaster Data Collection Program
2. Groundwater Level Monitoring Program
3. Habitat Conservation Plan (RIX outflow)

Cost of Program:
- Total Cost: $1,024,230
- USGS Contribution: $159,000
- Reimbursement from Partners: $196,188

Valley District Total: $669,042
Staff Recommendation

Staff recommends the Board authorize the General Manager to sign the cooperative program Joint Funding Agreement with the United States Geological Survey for the fiscal year 2020-2021 data collection program for $865,230.

**Staff Recommendation**
Staff recommends the Board authorize Valley District to act as the contracting agency for the development of the 2020 Upper Santa Ana River Integrated Regional Urban Water Management Plan (IRUWMP) and authorize the General Manager to execute an agreement with WSC in the total contract amount of $393,100.
Updating the IRUWMP

Valley District is proposing to combine the 2015 RUWMP and the 2015 IRWMP updates into one document called the 2020 Upper Santa Ana River Integrated Regional Urban Water Management Plan (IRUWMP).

The IRUWMP will ensure long-term water supplies are available to meet existing and future demands
- Long term = 20 years
- Must to prepared/updated every 5 years
- Must incorporate long term drought scenarios (5 & 30 year drought scenarios)

The IRUWMP will also re-evaluate goals and strategies developed by the BTAC:
- Improve water supply reliability
- Balance flood management and increase stormwater recharge
- Improve water quality
- Improve habitat and open space
## Participating IRUWMP agencies

### INTEGRATED AGENCIES

1. Big Bear Lake Department of Water and Power
2. Big Bear City Community Services District
3. East Valley Water District
4. Fontana Union Water Company
5. City of Loma Linda
6. City of Redlands
7. City of Rialto
8. City of Riverside Public Utilities Department
9. San Bernardino County Flood Control District
10. San Bernardino Municipal Water Department
11. San Bernardino Valley Municipal Water District
12. San Bernardino Valley Water Conservation District
13. San Gorgonio Pass Water Agency
14. West Valley Water District
15. Yucaipa Valley Water District

### UWMP AGENCIES

1. City of Colton
2. East Valley Water District
3. City of Loma Linda
4. City of Redlands
5. City of Rialto
6. Riverside Highland Water Company
7. San Bernardino Municipal Water Department
8. San Bernardino Valley Municipal Water District
9. West Valley Water District
10. Yucaipa Valley Water District
Valley District RFP Process

Proposal review panel made of local retailers and stakeholders and Valley District staff analyzed the proposals, and held interviews with each of the three consultants.

Water Systems Consulting (WSC) was unanimously recommended by the proposal review panel after the interviews were complete.

- Review Panel felt their extensive experience preparing Integrated and Regional Plans all over the state and their regional experience preparing the 2015 Integrated Plan and 2015 Regional Plan as well as other studies in our region would be advantageous to Project.

On August 27, a meeting was held with all of the participating agencies to receive their feedback on the selection of WSC and proposed cost breakdown. The participating agencies supported the selection of WSC and the cost breakdown provided.
## Cost Sharing Methodology

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Equal cost share</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Regional Sections</td>
<td></td>
<td></td>
</tr>
<tr>
<td>◦ Valley District 50%</td>
<td>◦ Agencies equal share of the balance</td>
<td></td>
</tr>
<tr>
<td>Agency Chapters</td>
<td>◦ Agencies pay the actual cost to develop their chapter</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Regional Sections</td>
<td></td>
</tr>
<tr>
<td></td>
<td>◦ Valley District 50%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>◦ Agencies equal share of the balance</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Agency Chapters</td>
<td></td>
</tr>
<tr>
<td></td>
<td>◦ Agencies pay the actual cost to develop their chapter</td>
<td></td>
</tr>
</tbody>
</table>
## Cost-Agency Breakdown

### 2020 Integrated Regional Urban Water Management Plan Update

Water Systems Consulting Proposal

<table>
<thead>
<tr>
<th>Total Proposal Cost - WSC</th>
<th>$393,100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Agency Chapters (3)</td>
<td>$194,580</td>
</tr>
<tr>
<td>Total Regional Sections/Tasks (0, 1, 2, 4)</td>
<td>$198,520</td>
</tr>
</tbody>
</table>

- **San Bernardino Valley Municipal Water District**: $99,260 (50% of Regional Section)

### COST SHARING BY AGENCY

<table>
<thead>
<tr>
<th>Agency</th>
<th>Regional Sections</th>
<th>Agency Urban Chapter</th>
<th>TOTAL PROPOSAL</th>
<th>Total (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Big Bear Lake Department of Water and Power</td>
<td>$6,203.75</td>
<td>$6,204</td>
<td>$6,204</td>
<td>2%</td>
</tr>
<tr>
<td>Big Bear City Community Services District</td>
<td>$6,203.75</td>
<td>$6,204</td>
<td>$6,204</td>
<td>2%</td>
</tr>
<tr>
<td>City of Colton</td>
<td>$6,203.75</td>
<td>$21,200</td>
<td>$27,404</td>
<td>7%</td>
</tr>
<tr>
<td>City of Loma Linda</td>
<td>$6,203.75</td>
<td>$21,200</td>
<td>$27,404</td>
<td>7%</td>
</tr>
<tr>
<td>City of Redlands</td>
<td>$6,203.75</td>
<td>$21,200</td>
<td>$27,404</td>
<td>7%</td>
</tr>
<tr>
<td>City of Rialto</td>
<td>$6,203.75</td>
<td>$21,200</td>
<td>$27,404</td>
<td>7%</td>
</tr>
<tr>
<td>City of Riverside Public Utilities Department</td>
<td>$6,203.75</td>
<td>$6,204</td>
<td>$6,204</td>
<td>2%</td>
</tr>
<tr>
<td>East Valley Water District</td>
<td>$6,203.75</td>
<td>$21,200</td>
<td>$27,404</td>
<td>7%</td>
</tr>
<tr>
<td>Fontana Union Water Company</td>
<td>$6,203.75</td>
<td>$6,204</td>
<td>$6,204</td>
<td>2%</td>
</tr>
<tr>
<td>Riverside-Highland Water Company</td>
<td>$6,203.75</td>
<td>$21,200</td>
<td>$27,404</td>
<td>7%</td>
</tr>
<tr>
<td>San Bernardino County Flood Control District</td>
<td>$6,203.75</td>
<td>$6,204</td>
<td>$6,204</td>
<td>2%</td>
</tr>
<tr>
<td>San Bernardino Municipal Water Department</td>
<td>$6,203.75</td>
<td>$21,200</td>
<td>$27,404</td>
<td>7%</td>
</tr>
<tr>
<td>San Bernardino Valley Municipal Water District</td>
<td>$99,260.00</td>
<td>$21,200</td>
<td>$120,460</td>
<td>31%</td>
</tr>
<tr>
<td>San Bernardino Valley Water Conservation District</td>
<td>$6,203.75</td>
<td>$6,204</td>
<td>$6,204</td>
<td>2%</td>
</tr>
<tr>
<td>San Gorgonio Pass Water Agency</td>
<td>$6,203.75</td>
<td>$6,204</td>
<td>$6,204</td>
<td>2%</td>
</tr>
<tr>
<td>West Valley Water District</td>
<td>$6,203.75</td>
<td>$21,200</td>
<td>$27,404</td>
<td>7%</td>
</tr>
<tr>
<td>Yucaipa Valley Water District</td>
<td>$6,203.75</td>
<td>$3,780</td>
<td>$9,984</td>
<td>3%</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>$198,520</td>
<td>$194,580</td>
<td>$393,100</td>
<td>100%</td>
</tr>
</tbody>
</table>
Agency Cost Savings (IRUWMP)

(69.7%)
**Staff Recommendation**

Staff recommends the Board authorize Valley District to act as the contracting agency for the development of the 2020 Upper Santa Ana River Integrated Regional Urban Water Management Plan (IRUWMP) and authorize the General Manager to execute an agreement with WSC in the total contract amount of $393,100.

---

**Board Motion & Roll Call Vote**

- T. Milford Harrison - President
- Paul Kielhold - Vice President
- Susan Longville - Treasurer
- June Hayes - Director
- Gil Navarro - Director
Consider Awarding Contract to Borden Excavating, Inc. for Construction of the Waterman Hydroelectric Project

Staff Recommendation
Staff recommends the items presented in the staff memorandum, and summarized below:
1) Waive minor irregularities found in BEI’s bid package;
2) Award the construction of the Waterman Hydroelectric Project to BEI based on the bid amount of $2,252,000 and authorize the Board President to execute the agreement with BEI;
3) Authorize the CEO/General Manager to approve contingent costs of up to ten (10) percent above the contract amount, or $225,200 and;
4) Authorize the CEO/General Manager to contract with professional inspection and materials testing firms up to $123,900.
Staff Recommendation

Staff recommends the items presented in the staff memorandum, and summarized below:

1) Waive minor irregularities found in BEI’s bid package;
2) Award the construction of the Waterman Hydroelectric Project to BEI, based on the bid amount of $2,252,000 and authorize the Board President to execute the agreement with BEI;
3) Authorize the CEO/General Manager to approve contingent costs of up to ten (10) percent above the contract amount, or $225,200 and;
4) Authorize the CEO/General Manager to contract with professional inspection and materials testing firms up to $123,900.
Reports Item 4.1

SAWPA Meeting Report
September 15, 2020, Regular Meeting
Commission
of the Santa Ana Watershed Project Authority

- Received the following informational reports:
  - Proposition 84 and Proposition 1 Status Update
  - Disadvantaged Communities Involvement (DCI) Program Status
  - Update on Claim for Money/Damages | Claimant Larry McKenney

- Took the following action:
  - Approved extending the agreement with West Coast Advisors for an additional period of two (2) years in an amount not to exceed $240,000 to provide state legislative affairs services.
Reports Item 4.2

Director’s Primary Representative and Activity Report

T. Milford Harrison
President

Paul Kielhold
Vice President

Susan Longville
Treasurer

June Hayes
Director

Gil Navarro
Director
Reports Item 4.3 (Pg. 101)

Treasurer’s Report – August 2020
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT
TREASURER'S REPORT
FOR THE MONTH OF AUGUST 2020

RECOMMENDATION:
APPROVE THE EXPENSES FOR THE MONTH OF AUGUST 2020
FOR THE FOLLOWING FUNDS:

STATE WATER CONTRACT FUND $ 2,810,189.00
DEVIL CANYON / CASTAIC FUND $ 104,370.00
GENERAL FUND $ 4,668,378.67

APPROVED:

__________________________
TREASURER

__________________________
DATE
Staff Recommendation
Staff recommends the Board approve the expenses for the month of August 2020.
Reports Item 4.4 (Pg. 113)

Operations Report – August 2020
Directors' Fees and Expenses for August 2020
Announcements Item 5.1 (Pg. 125)

October 1, 2020, 2 p.m. – Board Workshop – Resources, 2:00 p.m. by teleconference

October 5, 2020 – Basin Technical Advisory Committee, 1:30 p.m. by teleconference

October 6, 2020 – SAWPA Commission meeting, 9:30 a.m. by teleconference

October 8, 13, and 14 – SAWPA Virtual Summit: Ensuring Equitable Involvement in Regional Water Planning, 8:30 a.m. – 1:00 p.m. by teleconference
6.1. Conference with Real Property Negotiators
Pursuant to Government Code Section 54956.8

Property APN's: 1210-211-18, 1210-211-21, 1210-211-23, 1210-281-01, 1210-281-02,
1210-281-03, 1210-281-04, 1210-211-14, 1210-211-25, 1210-211-26,

Agency negotiator: Heather Dyer, Wen Huang
Owner representative: Diversified Pacific
Under negotiation: Price and Terms
Adjournment