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://us04web.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.

Your microphone will be muted during the meeting to reduce background noise. Click on the microphone icon to unmute your microphone if needed.
Call to Order

Regular Meeting of the Board of Directors
Tuesday, April 7, 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. 3)

Regular Board Meeting – March 17, 2020
Board Motion & Roll Call Vote

Staff Recommendation
To approve the minutes of the March 17, 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 WaterSMART Grant Contract with US Bureau of Reclamation for the Central Feeder and East Branch Extension Intertie Project
March 19, 2019, the Board adopted Resolution No. 1803 authorizing the grant application

August 2019 the project was selected for grant funding

The Central Feeder – EBX Intertie Project will facilitate delivery of stored water in the San Bernardino Basin Area as part of the Bunker Hill Conjunctive Use Program to the participants on the east side of District’s service area and SGPWA

Estimated cost of construction of the Intertie is approximately $2.151M

Construction is expected to begin in early 2021
Board Motion & Roll Call Vote

Staff Recommendation
Authorize the General Manager to execute the grant contract subject to non-substantive edits approved by District House Counsel
Consider Agreement to Exchange State Water Project Water for Santa Ana River Water During Periods of Poor Water Quality
Seven Oaks Water Quality Problems, 2019

Highly turbid water.
Similar Conditions to 2004-05

SCE PH #2-3 Stopped 2/14/19
Back online 8/2/19
2019 Chronology

• Seven Oaks Dam builds a pool behind the dam (inconsistent with proposed WQ Plan)

• The pool starts turning murky like in 2004-05

• SCE stopped their diversions on, or about, February 14, 2019

• SCE unable to re-start their diversion because of major damage to SCE facilities caused by large flows

• SCE not back online until about August 2, 2019
ACOE Water Quality Study

- East Valley Water District receives funds from Congress to study Water Quality problem at Seven Oaks (2005)
- Requested by SBVMWD, the ACOE prepared a study comparing the existing Water Control Manual (WCM) and the Water Quality Plan (WQP).
- Purpose: Investigate the cause of adverse water quality impacts. If due to the Dam, formulate the best solution to address the impacts
- Proposed Water Quality Plan (2010):

<table>
<thead>
<tr>
<th>Water Control Manual (WCM)</th>
<th>Water Quality Plan (WQP)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operation for Flood Control Benefits ONLY</td>
<td>Same</td>
</tr>
<tr>
<td>Winter flood season (01oct thru 01mar)</td>
<td>Same</td>
</tr>
<tr>
<td>Build Debris pool starting 01 Oct and maintain throughout flood season</td>
<td>Build Debris Pool ONLY at the start of storm/flood event and drain Debris Pool COMPLETELY following the event</td>
</tr>
<tr>
<td>From 01 Jun, Q out = Inflow + 10 cfs From 01 Jul, Q out = Inflow + 20 cfs</td>
<td>250 cfs??</td>
</tr>
<tr>
<td>Debris pool completely drained by 30 Aug to allow for project maintenance starting 01 Sep.</td>
<td>Little or no Debris Pool by the end of flood season. Whatever remains will be drained in accordance with the WCM.</td>
</tr>
</tbody>
</table>

- ACOE decides not to implement the WQP (2013)
Seven Oaks Dam Impact on Water Supply

SEVEN OAKS POOL ELEVATION
- Prevents SCE from reaching PH #1 to re-start diversions
- Bear Valley unable to delivery about 2,900 AF to their high elevation customers

SEVEN OAKS POOL WATER QUALITY
- Low quality is unsuitable for some direct deliveries
  - Bear Valley recharges the poor quality water they would normally have delivered to their customers
  - Bear Valley delivers SWP water in place of the poor quality they could not deliver
- Bear Valley/SBVWCD/Valley District working on an MOU for possible exchange.
Possible Solutions

**Sue USACOE Under Clean Water Act**

- Results Unknown
- Costly
- Time Consuming

**Solve the Problem Ourselves**

- In years when WQ is poor behind the dam, explore possible exchange of SWP water for the recharge of the low quality water
- Explore options to restore access to SCE PH#1, when the access road is blocked by the pool behind Seven Oaks, so that diversions may resume
- Complete the environmental analysis for Seven Oaks so that the WQ Plan can be implemented
- Result known
MEMORANDUM OF UNDERSTANDING

THIS MEMORANDUM OF UNDERSTANDING ("MOU") is entered into as of 2019 ("Effective Date"); by and among Bear Valley Mutual Water Company ("Bear Valley"), San Bernardino Valley Municipal Water District ("Valley District"), and San Bernardino Valley Water Conservation District ("Conservation District"). Bear Valley, Valley District, and Conservation District are sometimes referred to herein individually as a "Party" and collectively as "Parties".

RECITALS

A. Valley District is a State Water Contractor that imports water from the State Water Project ("SWP").

B. The Valley District service area is approximately 350 square miles and includes all or portions of the cities and communities of San Bernardino, Colton, Loma Linda, Redlands, Rialto, Bloomington, Highland, East Highland, Mentone, Grand Terrace, and Yucaipa.

C. In 1972, Valley District completed the construction of facilities which enabled the delivery of SWP water as far as the Rialto area to the west and the Redlands area to the east.

D. To postpone the cost for a pump station(s) and related infrastructure to deliver SWP water further east into the Yucaipa area, Valley District developed an exchange concept which would allow for SWP water delivery to Yucaipa through exchange.

E. On or about May 3, 1976, the exchange concept was incorporated into the Santa Ana River – Mill Creek Cooperative Water Project Agreement ("Exchange Plan"), which was executed by Bear Valley Mutual Water Company, City of Redlands ("Redlands"), Crafton Water Company ("Crafton"), East San Bernardino County Water District (now East Valley Water District), Lugonia Water Company, North Fork Water Company, Redlands Water Company, the Conservation District, Yucca Valley County Water District (now Yucca Valley Water District) and Valley District (collectively "Exchange Parties").

F. Each of the Exchange Parties pledged the use of their water rights and facilities "...in order to provide the most economical, efficient, and dependable supply possible at a minimum of expense to water users and the taxpayers and to conserve energy."

G. Under the Exchange Plan, subject to certain limitations, Valley District pledged its SWP water supply and also pledged to pay the cost of the new facilities to facilitate exchanges and to pay the cost to manage the Exchange Plan.

H. The Exchange Plan is operated by a Management Committee that is comprised of one member from each of the Parties.

I. The Management Committee and Valley District appointed the Conservation District to be the Project Manager of the Exchange Plan.
Board Motion & Roll Call Vote

Staff Recommendation
Authorize the General Manager to execute the Agreement to Exchange State Water Project Water for Santa Ana River Water During Periods of Poor Water Quality
Consider Retroactive Exchange of State Water Project Water for Santa Ana River Water in 2019 Under the Agreement to Exchange State Water Project Water for Santa Ana River Water During Periods of Poor Water Quality
## Proposed Retroactive Exchange with Bear Valley, 2019

### Requested SWP Exchange Amount, by Authorized Valley District Turnout:

<table>
<thead>
<tr>
<th>Valley District Turnout</th>
<th>Flow Rate (cfs)</th>
<th>Start Date (mm/dd/yy)</th>
<th>End Date (mm/dd/yy)</th>
<th>Total (acre-feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boullioun Box to Highline</td>
<td>n/a</td>
<td>2/14/19</td>
<td>8/1/19</td>
<td>986.4</td>
</tr>
<tr>
<td>Northfork - BVMWC</td>
<td>n/a</td>
<td>2/14/19</td>
<td>8/1/19</td>
<td>0.0</td>
</tr>
<tr>
<td>SARC to Redlands Aqueduct</td>
<td>n/a</td>
<td>2/14/19</td>
<td>8/1/19</td>
<td>1,554.4</td>
</tr>
<tr>
<td>Unger Lane to Zanja – Crafton</td>
<td>n/a</td>
<td>2/14/19</td>
<td>8/1/19</td>
<td>339.0</td>
</tr>
</tbody>
</table>

If Bear Valley is using Greenspot Pipeline:

<table>
<thead>
<tr>
<th>Valley District Turnout</th>
<th>Flow Rate (cfs)</th>
<th>Start Date (mm/dd/yy)</th>
<th>End Date (mm/dd/yy)</th>
<th>Total (acre-feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Newport Avenue</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tres Lagos</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Total (3,200 AF max unless authorized)** 2,879.8

Minimum SAR Exchange Water (2:1) Delivered for Recharge in the San Bernardino Basin by Bear Valley through Tailrace Pipeline1 (Bear Valley to provide documentation): 5,759.6 acre-feet
Staff Recommendation
Authorize the retroactive exchange of 2,880 acre-feet of SWP water for 5,760 acre-feet of Santa Ana River water delivered for recharge into the San Bernardino Basin per their proposal dated April 7, 2020.
Discussion Item 3.4

Heather Dyer, General Manager

Discuss May 5th Board Meeting and May Resources Workshop

• In light of ACWA conference and travel being postponed, Staff proposes we return to the normal BOD and Workshop Schedule for May:
  • Tuesday May 5th, 2 PM - BOD Meeting (previously canceled)
  • Thursday May 7th, 2 PM – Resources Workshop (previously rescheduled for May 18th)
Board of Directors’ Workshop – Resources, March 5, 2020
Board of Directors’ Workshop – Policy, March 12, 2020
Reports Item 4.4

SAWPA Meeting Report
SAWPA MEETING SUMMARY

April 7, 2020, Regular Meeting
Commission
of the Santa Ana Watershed Project Authority

- Received a status update on SAWPA’s response to the COVID-19 Emergency.

- Directed the General Manager to submit a Request for Public Assistance under Disaster Declaration EM-3428/DR-4482 and required documentation to accept Disaster Recovery funds under the Robert T. Stafford Disaster Relief and Emergency Assistance Act.

- Authorized the General Manager to execute an Agreement for Services and supporting Task Orders with Kahn Soares & Conway to provide regulatory support to several SAWPA Task Forces.

April 7, 2020, Regular Meeting
Project Agreement 24 Committee
of the Santa Ana Watershed Project Authority

- Directed the General Manager to issue a Request for Proposals for Brine Line Pipeline Cleaning services for Fiscal Years 2020-21 and 2021-22.
Reports Item 4.5

Primary Representatives’ Report/Directors’ Activities

T. Milford Harrison
President

Paul Kielhold
Vice President

Susan Longville
Treasurer

June Hayes
Director

Gil Navarro
Director
Announcements Item 5.1 (Pg. 98)

Lillian Hernandez, Board Secretary

April 9, 2020 – Board of Directors’ Workshop – Policy, 2:00 p.m. by teleconference
April 14, 2020 – Board of Directors’ Workshop – Engineering, 2:00 p.m. by teleconference
April 16, 2020 – Board of Directors’ Workshop – Resources, 2:00 p.m. by teleconference
April 21, 2020 – SAWPA Commission Meeting, 9:30 a.m. by teleconference
April 21, 2020 – Regular Board Meeting, 2:00 p.m. by teleconference
Adjournment