

# MEETING NOTES

PROJECT: Antelope Valley IRWM Stakeholder Meeting  
LOCATION: City of Palmdale  
Lilac Room at the Chimbole Cultural Center  
38250 Sierra Hwy, Palmdale CA 93550

MEETING DATE: 10/2/2019

ISSUED DATE: 10/16/2019

ATTENDEES: Zachary Ahinga , Evelyn Ballesteros, Tom Barnes, Monisha Brown, Dwayne Chisam, James Chaisson, Brian Dietrick, Vanessa De Anda, Viridiana Iguaran, Bob Large, Yvonne Malikowski, James Riley, Scott Rogers, Sara Samaan, Mike Shahbakhti, Brach Smith, Tiffany Steinert, Mary Wood, Joyce Workman, Tim Zongker

## Stakeholder Meeting Notes

### A. Welcome and Introductions (Evelyn B.)

- The Antelope Valley Integrated Regional Management (AV IRWM) Stakeholder Meeting was opened and led by Evelyn Ballesteros from the Los Angeles County Department of Public Works (LACDPW), Waterworks Division. Topics related to the Prop. 1 Implementation Grant and IRWM Plan Updates were led by Brian Dietrick of Woodard & Curran.

### B. Proposition 1 Round 1 Implementation Grant and IRWM Plan Update Schedule (Brian D.)

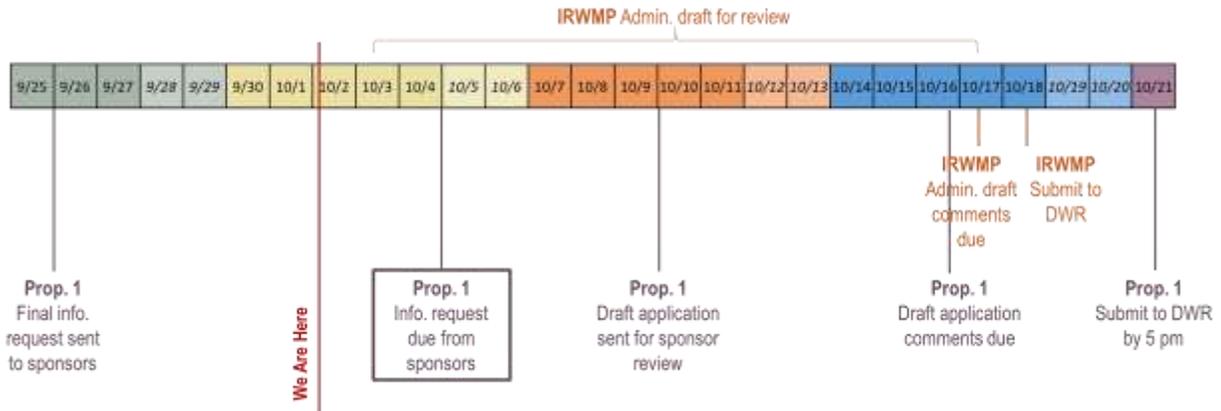
- Prop. 1 Schedule:** Key dates for the Prop. 1 Implementation Grant are shown in purple in Figure 1. Feedback was received from the Department of Water Resources (DWR) on August 26<sup>th</sup>. An information request form was distributed to Project sponsors (Table 1) on September 25<sup>th</sup>. Completed information requests are due to Woodard & Curran by October 4<sup>th</sup>. The draft grant attachments will be sent to Project sponsors for review on Thursday, October 10<sup>th</sup>. Draft application comments will be due from Project sponsors on October 17<sup>th</sup>, and the Prop. 1 grant application will be submitted to DWR on October 21<sup>st</sup> by 5 pm.
- 2019 IRWM Plan Update:** Key dates for the 2019 AV IRWM Plan Update are shown in orange in Figure 1. The administrative draft will be uploaded to OneDrive and the link will be distributed via email to the Regional Water Management Group and interested stakeholders by Woodard & Curran on Thursday, October 3<sup>rd</sup>. Members representing the RWMG are responsible for distributing the Administrative Draft of the 2019 AV IRWM Plan Update within their agencies. The review period will end on Thursday, October 17<sup>th</sup>. Comments need to be submitted via email to Vanessa De Anda ([vdeanda@woodardcurran.com](mailto:vdeanda@woodardcurran.com)) and Josh Uecker ([juecker@woodardcurran.com](mailto:juecker@woodardcurran.com)) by the end of the review period. The AV IRWM Plan Update will be submitted to DWR on October 18<sup>th</sup>.

**Table 1: Revised Grant Requests for Prop. 1 Round 1**

Project Name	Project Sponsor	Total Cost (Preliminary)	Revised Grant Request
SNIP Phase 2	AVEK	\$26,400,000	\$1,199,333
AV Regional Cons. Project	AVRCD	\$396,000	\$297,000
Phase 2 Distribution System	PRWA	\$8,324,875	\$1,199,333
Littlerock Dam Sediment Removal	PWD	\$19,657,557	\$1,199,333
<b>Revised Total (without RCSD)</b>		<b>\$54,778,432</b>	<b>\$3,895,000</b>

- The Prop. 1 Round 1 Implementation Grant application is due on October 21, 2019 by 5 pm. The Antelope Valley State Water Contractors Association (AVSWCA) is the proposed applicant that will execute an agreement with the State of California for IRWM planning activities on behalf of the Antelope Valley IRWM Region. The proposed grant application consists of four projects, summarized in Table 1. Future responsibilities for grant administration are TBD.

**Figure 1: Prop. 1 Grant and 2019 IRWM Plan Update Schedule**



**D. Full AV IRWM Plan Update (Brian D. and Vanessa D.)**

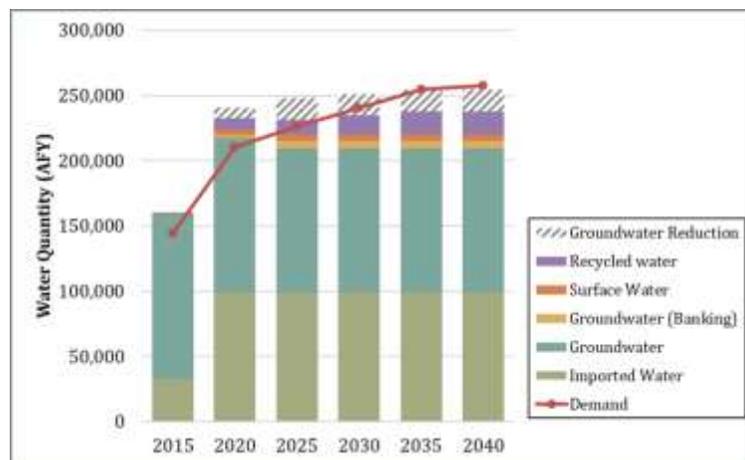
- Woodard & Curran is in the process of finalizing the AV IRWM Plan updates to comply with 2016 IRWM Guidelines and to reflect the current characteristics of the Region. Major revisions to the IRWM Plan are presented in Table 2.

**Table 2: AV IRWM Updates – Major Edits**

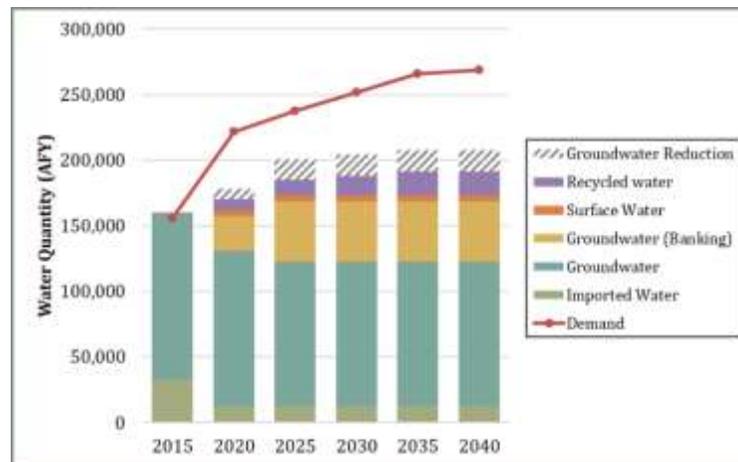
Topic	Updates	Chapter
<b>AV Groundwater Basin Adjudication</b>	<ul style="list-style-type: none"> <li>Native Safe Yield and Total Safe Yield (TSY)</li> <li>Production Rights and “Rampdown Production” schedule</li> <li>Groundwater availability assumed to equal TSY</li> </ul>	<ul style="list-style-type: none"> <li>Chapter 2 – Region Description</li> <li>Chapter 3 – Supply and Demand</li> <li>Chapter 4 – Objectives</li> </ul>
<b>Water Supply and Demand analysis</b>	<ul style="list-style-type: none"> <li>Urban demand</li> <li>Agricultural demand</li> <li>Imported water, groundwater, surface water, and recycled water supplies</li> <li>Water banking operations</li> </ul>	<ul style="list-style-type: none"> <li>Chapter 3 – Supply and Demand</li> <li>Chapter 4 – Objectives</li> </ul>
<b>Objectives</b>	<ul style="list-style-type: none"> <li>Dates extended through 2040</li> <li>Water supply targets reflect water S/D analysis</li> </ul>	<ul style="list-style-type: none"> <li>Chapter 4 – Objectives</li> <li>Chapter 5 – Resource Management Strategies</li> </ul>
<b>Projects</b>	<ul style="list-style-type: none"> <li>List reflects recent Call for Projects</li> </ul>	<ul style="list-style-type: none"> <li>Chapter 6 – Project Integration</li> <li>Chapter 7 – Project Evaluation</li> </ul>

- Woodard & Curran updated the water supply and demand projections in the Region as part of the full AV IRWM Plan update. Woodard & Curran explored new approaches for calculating the water budget given that new information has been made available by the Antelope Valley Groundwater Basin Judgement and Watermaster reports since the last AV IRWM Plan update in 2013. The revised approach involves using the information provided in the local 2015 Urban Water Management Plans (UWMPs) and Watermaster Annual Reports to estimate current and projected imported water, groundwater, surface water, and recycled water supplies. Demand projections consist of urban demands, which are extrapolated from UWMPs, and agricultural demands which are a function of cultivated acreages and types of crops in the Region. Conversations with AVEK have confirmed the use of water banks in years where demand exceeds supplies.
- Supply projections are shown in Figure 2 for an average year, Figure 3 for a single-dry year, and Figure 4 for a multi-dry year (4-year drought). The solid bars indicate the available water supplies, the hatched bars represented projected groundwater reductions as a result of the AV Groundwater Basin adjudication, and the red line represents projected demands. Estimates show a potential mismatch between water supplies and demands in the future, supporting the case for additional water supply projects and demand management projects in the Region.

**Figure 2: Preliminary Water Supply & Demand Projections in the Region in an Average Year**

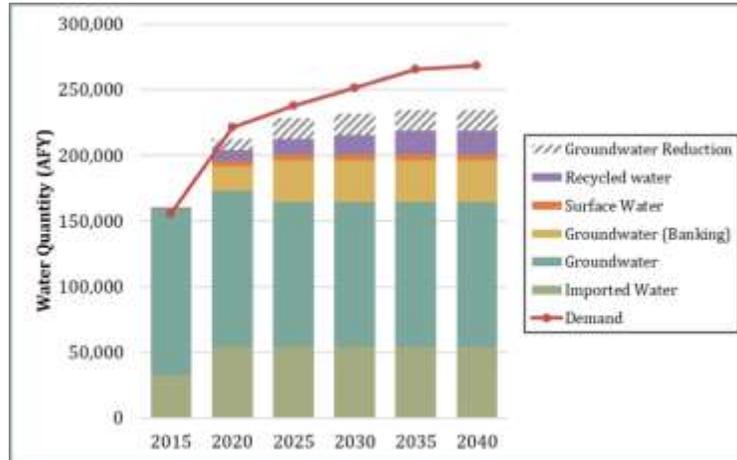


**Figure 3: Preliminary Water Supply & Demand Projections in the Region in a Single-Dry Year**



Projections assume the Westside Water Bank will be used approximately 33% in a single-dry year. Additional recycled and stormwater supplies may also be developed in the future. Groundwater banking supplies are subject to change.

**Figure 4: Preliminary Water Supply & Demand Projections in the Region in a Multi-Dry Year**



Projections assume the Westside Water Bank will be used 33% in each year of the first three years of a 4-year drought, and 0% the fourth year. Additional recycled and stormwater supplies may also be developed in the future. Groundwater banking supplies are subject to change.

- As of 2016, there is an estimated 16,000 acres of irrigated crop land in the Region. Stakeholders were asked if the following target should be modified to reflect the existing conditions in the Region, since it is much larger than the existing irrigated crop lands.

Objective: Maintain agricultural land use within the Antelope Valley Region.

Target: Preserve **100,000** acres of farmland in rotation through 2040.

- There was consensus to keep the target in the 2019 AV IRWM Plan Update as presented above since cultivation of cannabis may be pursued in the future.

**E. Action Items**

**Next Stakeholder Workshop:** January 15<sup>th</sup>, 2020 at 9:30 a.m. at the Chimbole Cultural Center.

Responsible Party	Task	Due Date
Project Sponsors	Complete information request forms and return to Woodard & Curran	October 4, 2019
Woodard & Curran	Distribute draft grant attachments to Project sponsors	October 10, 2019
Project Sponsors	Submit comments to draft grant attachments to Woodard & Curran	October 17, 2019
Woodard & Curran	Submit Prop. 1 grant application to DWR	October 21, 2019
Woodard & Curran	Distribute Admin. Draft of the IRWM Plan update	October 3, 2019
RWMG and stakeholders	IRWM Plan Admin. Draft comments due to Woodard & Curran	October 17, 2019
Woodard & Curran	Submit 2019 AV IRWM Plan Update to DWR	October 18, 2019