



# Antelope Valley IRWM

Stakeholder Group Meeting  
City of Palmdale



Presenter:  
Brian Dietrick, P.E.

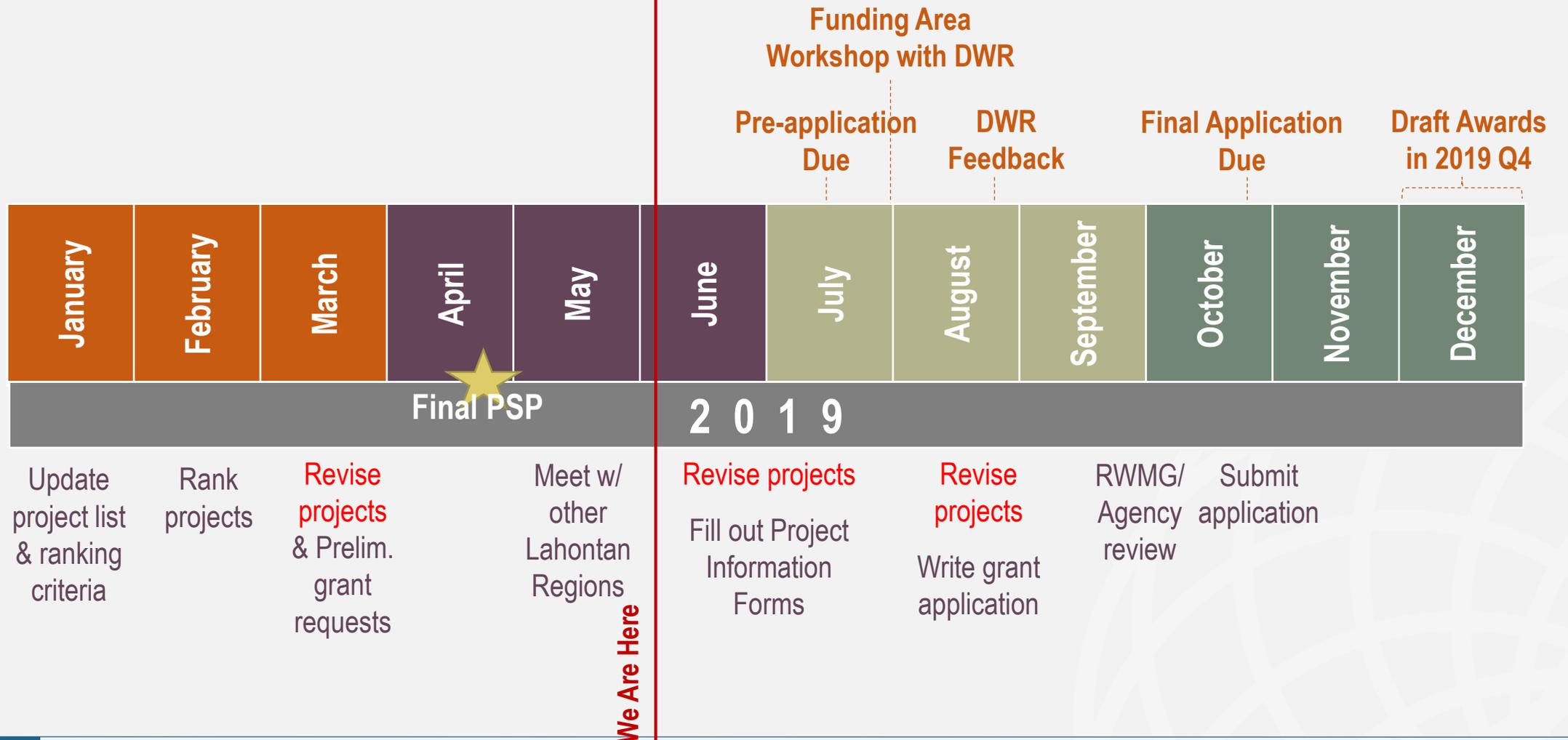
June 5, 2019

# Agenda

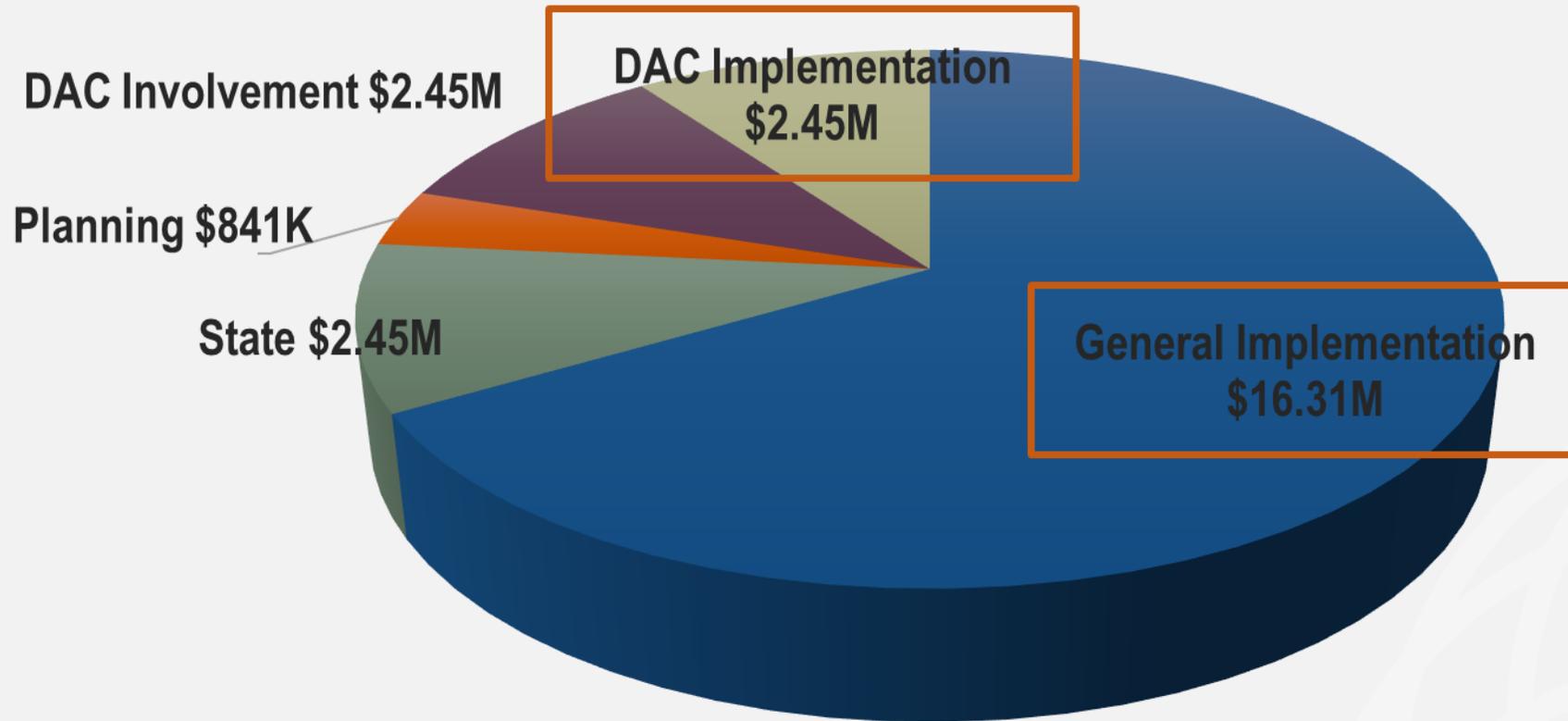
1. Prop. 1 IRWM Implantation Grant PSP
2. Prop. 1 Implementation Projects
3. Lahontan Funding Area IRWMP Workshop
4. DWR Pre-application Workshop
5. Full AV IRWMP Update – Supply and Demand



# Prop. 1 Implementation Grant PSP – Schedule



# Prop. 1 Implementation Grant – Funding



**Total Lahontan Funding Area Prop. 1 Allocation: \$24.5M.**

# Lahontan Funding Area – Allocation by Region

Proposition 1 Allocation (updated 4/16/18)	Mojave	Inyo-Mono <sup>1</sup>	Antelope Valley	Tahoe Sierra	Lahontan Basins	Fremont Valley	State Costs (10%)	Total Funding Area
Allocation <sup>2</sup>	\$ 6,204,982	\$ 3,684,191	<b>\$ 4,895,493</b>	\$ 2,593,077	\$ 2,547,015	\$ 2,125,242	\$ 2,450,000	<b>\$ 24,499,999</b>
DAC Involvement (10% of \$24.5 m)	\$ 815,372	\$ 711,822	\$ -	\$ 331,387	\$ 322,590	\$ 268,828		<b>\$ 2,449,999</b>
Planning Grant						\$ 841,030		<b>\$ 841,030</b>
Round 1 DAC Implementation	\$ 347,776	\$ 207,607	<b>\$ 315,892</b>	\$ 145,940	\$ 143,536	\$ 119,789		<b>\$ 1,280,540</b>
Round 1 General Implementation	\$ 3,694,430	\$ 757,603	<b>\$ 3,584,108</b>	\$ 2,115,750	\$ 968,676	\$ 387,902		<b>\$ 11,508,469</b>
Round 2 General Implementation	\$ 1,347,404	\$ 2,007,158	<b>\$ 995,493</b>	\$ 0	\$ 1,112,213	\$ 507,692		<b>\$ 5,969,961</b>
1. DAC involvement for Inyo-Mono includes admin of \$49,000 and CRWA Admin of \$196,000								
2. Based on a formula that incorporates three calculation methods: even split, population-based, and area-based.								

**\$3.9 million**

## Prop. 1 Implementation Projects – Funding Split (preliminary)

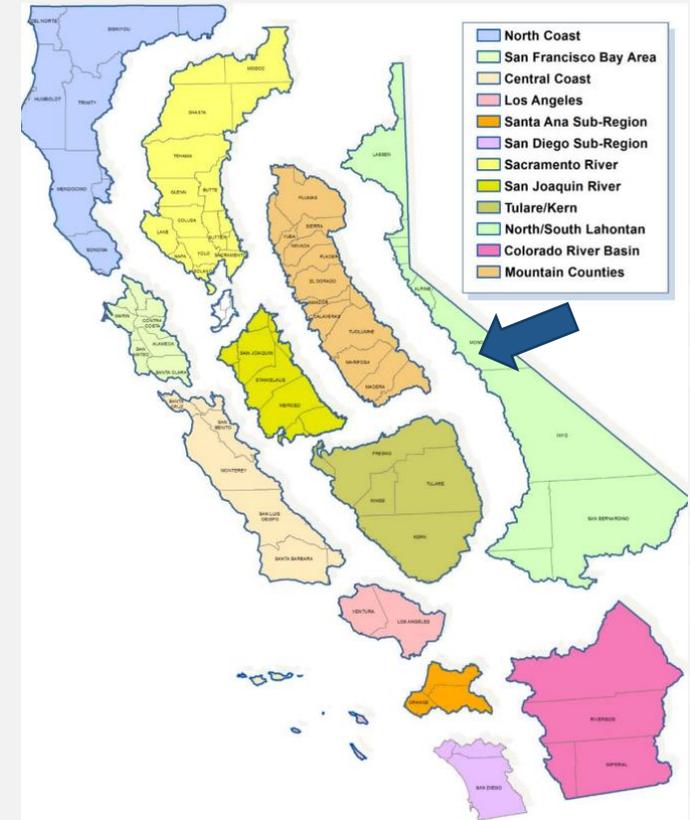
Project Sponsor	Project Name	Total Project Cost	Potential Funding (Assume \$3.9 M)	
			Option 1 <sup>a</sup>	Option 2 <sup>b</sup>
AVEK	SNIP Phase 2	\$24,346,800	\$1,570,230	\$924,875
AVRCD	Antelope Valley Regional Conservation Project	\$396,000	\$25,540	\$195,500
City of Palmdale (PRWA)	Phase 2 Distribution System	\$7,500,000	\$483,710	\$924,875
Palmdale Water District	Littlerock Dam Sediment Removal	\$16,000,000	\$1,031,910	\$924,875
Rosamond CSD	WWTP Rehabilitation and Groundwater Protection	\$12,150,000	\$783,610	\$924,875

<sup>a</sup> Option 1: distribute the \$3.9M available for Round 1 proportionally to total project costs.

<sup>b</sup> Option 2: cover AVRCD's total requested amount; distribute the remaining funds equally among the four larger projects.

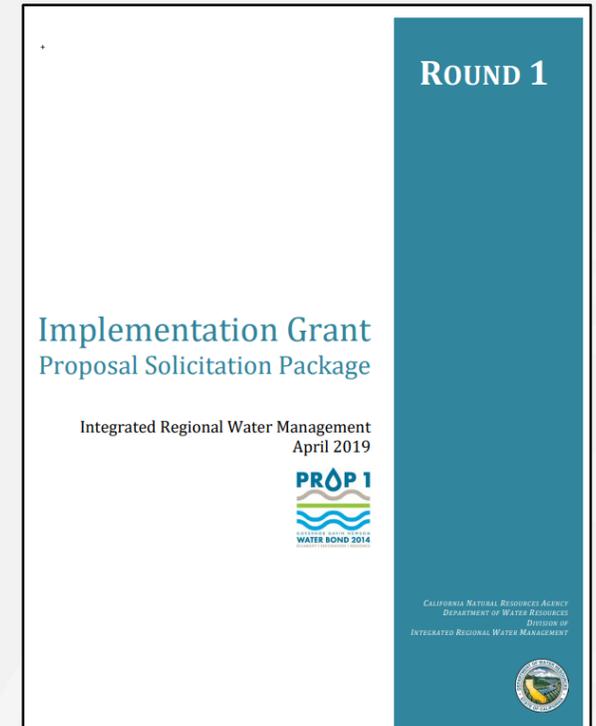
# Lahontan Funding Area IRWMP Workshop

- Lahontan Funding Area DACI grant workshops
  - 3 workshops to coordinate DACI efforts
  - Expand the discussion to include Prop. 1 Implementation Grants
- 1<sup>st</sup> workshop: May 16-17 in Mammoth Lakes
  - Set dates for:
    - Pre-application Deadline
    - Funding Area Workshop with DWR
    - Final Application Deadline
- Updates from AVEK, PWD, and LACWD40



# DWR Pre-Application Workshops (North & South)

- **Lahontan South Workshop** - Includes DWR, State, and IRWM Region representatives
  - AV, Fremont, and Mojave
  - Led by representatives from each IRWM RWMG, applying entities, local project sponsors, DAC, EDAs, and Tribes
- Present overall proposal and each Project
- **July 30, 2019**



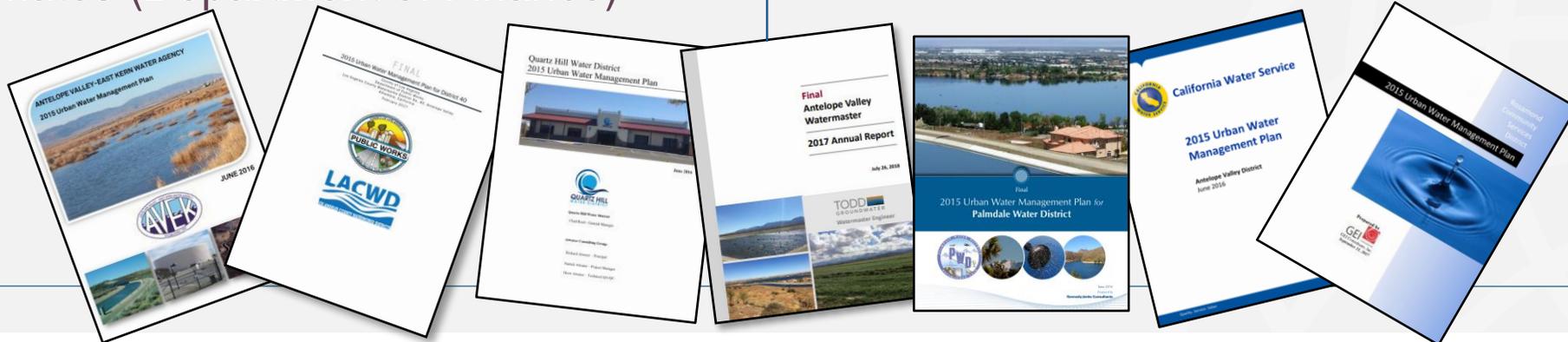
# AV IRWMP: Water Supply and Demand Update

## *Preliminary Supply Projections*

- Imported water (UWMPs)
- Surface water (UWMPs)
- Recycled water (UWMPs)
- Groundwater & return flows (AV 2017 Watermaster Annual Report)
- Projections assume population growth estimates (Department of Finance)

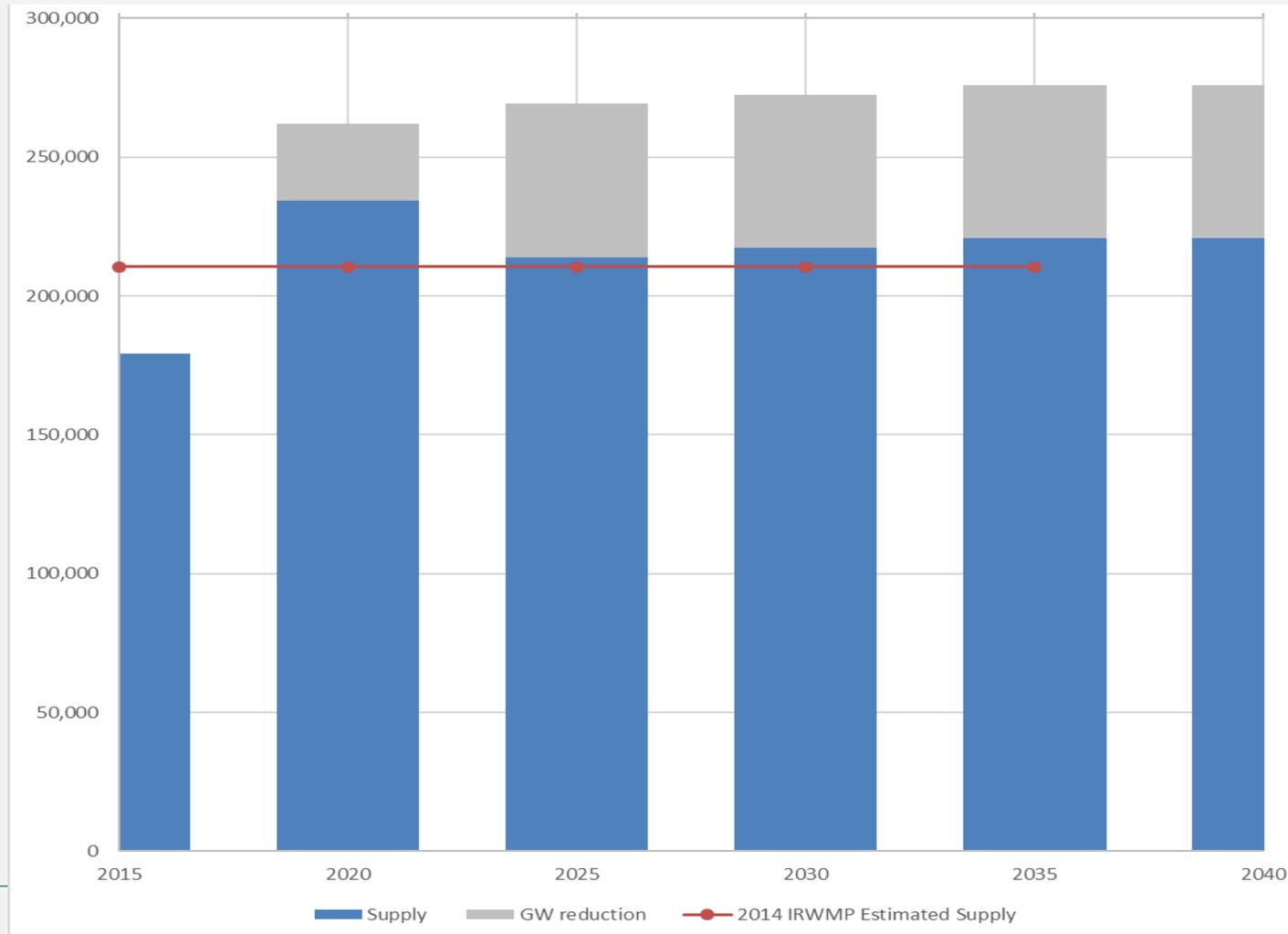
## *Preliminary Demand Projections*

- Urban demands (UWMPs)
- Unincorporated demands (extrapolated from UWMPs and Census Data)
- Agricultural demands (Kern County Department of Agriculture)
- Projections assume population growth estimates (Department of Finance)



# AV IRWMP: Water Supply Preliminary Results

*Preliminary Supply Projections in the AV IRWM Region*



# Next Steps

## Prop. 1 Implementation Grant

- Revise projects and prepare pre-application materials
- Meet with DWR and revise projects again
- Submit final application

## IRWMP Updates

- Revise Supply and Demand Projections
- Continue full IRWM Plan Update

