



# Antelope Valley IRWM

Stakeholder Group Meeting  
City of Palmdale



Presenter:  
Brian Dietrick, P.E.

December 19, 2018

# Agenda

1. AV IRWM Plan Update
2. Fremont Basin IRWM – Region Boundary Modification
3. Prop. 1 Implementation Grant PSP
4. Project List Updates
5. Next Steps





# AV IRWM Plan Update

- **Basic IRWM Update**
  - Compliant with 2016 IRWM Plan Standards
  - Revisions to 8 sections
  - 3 meetings
  - **Did some project solicitation**
  - Draft submitted in July
  
- **Full IRWM Update**
  - Reflective of current conditions
  - Update supply/demand
  - New project solicitation
  - 5 meetings



# Fremont Basin IRWM – Boundary Modification

- Consensus: Allow for area overlap between IRWM Regions

## Fremont IRWM Region

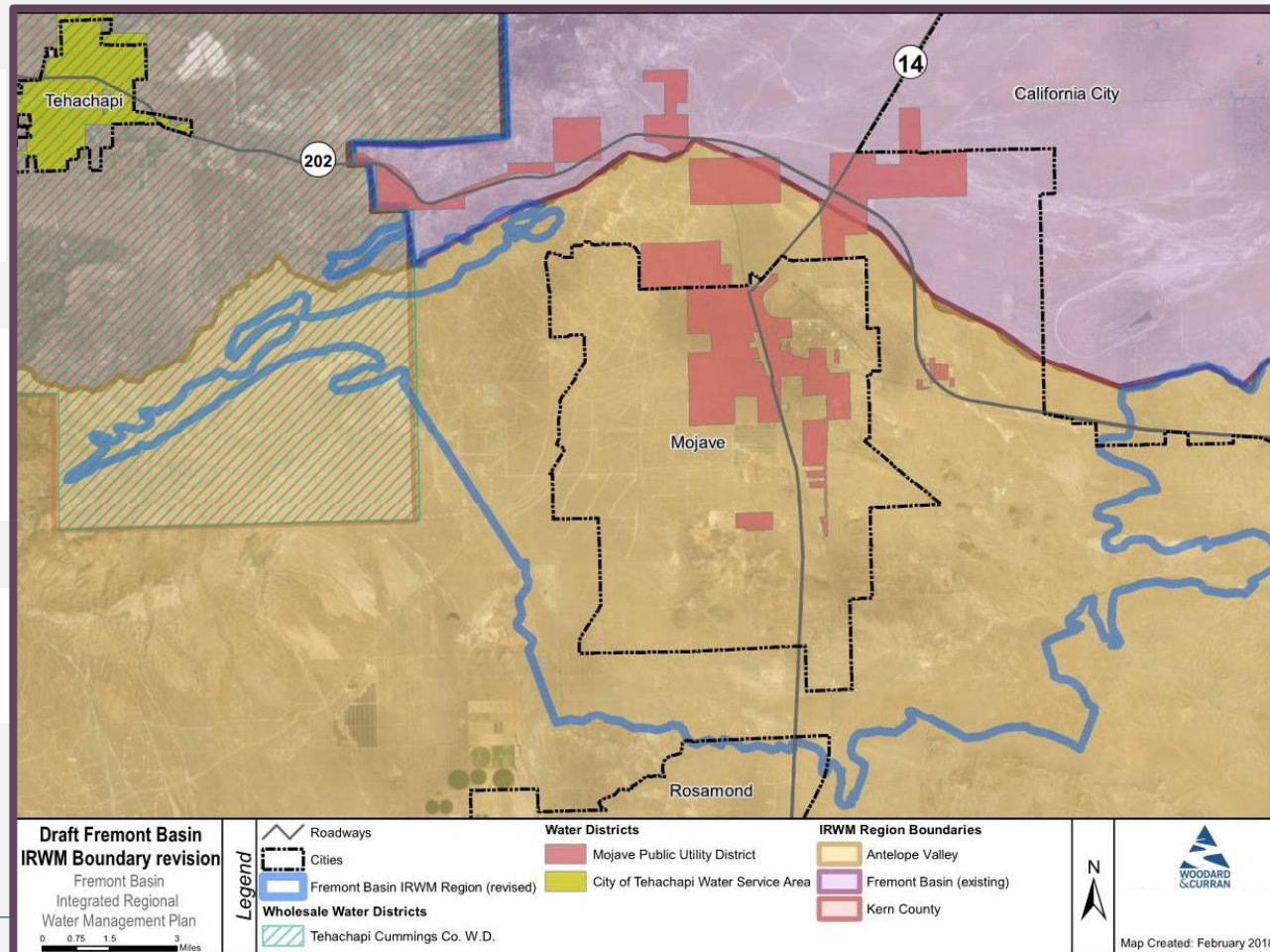
- Population: 19,500
- Area: 992 sq. mi.

## AV IRWM Region

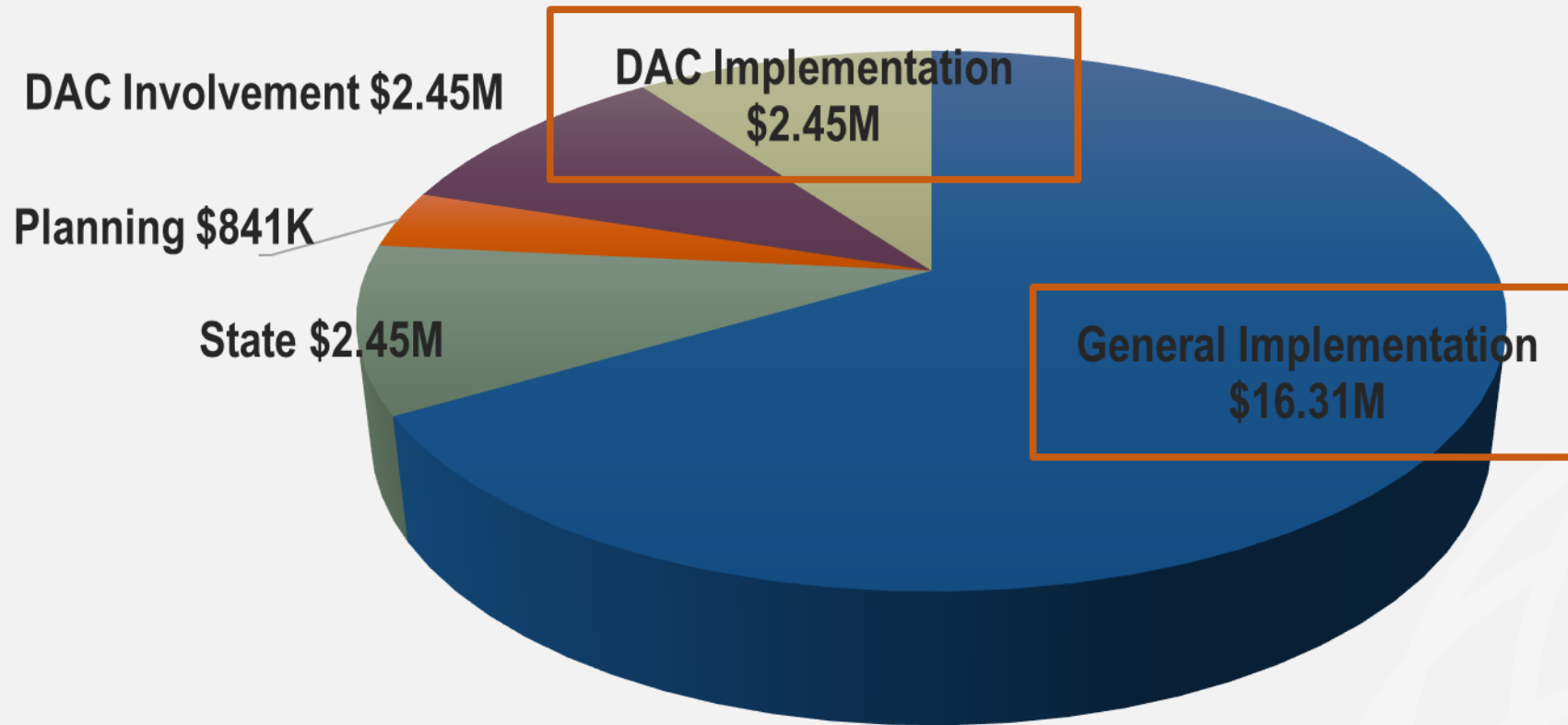
- Population: 390,000
- Area: 2,400 sq. mi.

## Overlap

- Area: 166 sq. mi.



# Prop. 1 Implementation Grant PSP – Funding

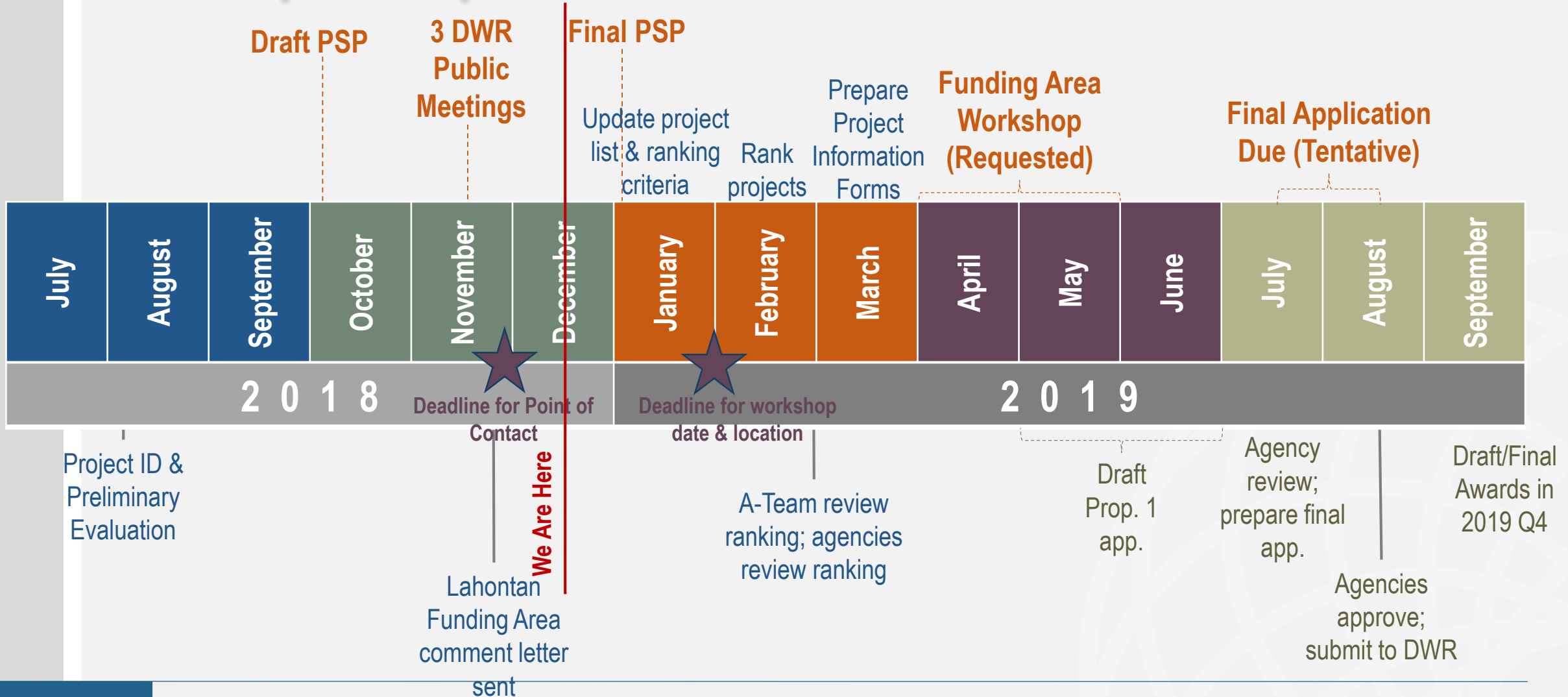


Total Lahontan Funding Area Prop. 1 Allocation: \$24.5M. The Lahontan Funding Area has approximately \$18.8 million remaining for Implementation Round 1 and 2

# Prop. 1 Implementation Grant PSP – Process

- **Phase 1 – Funding Area Pre-Application Workshops (Mandatory)**
  - February – July 2019
  - Includes DWR, State, and IRWM Region representatives
    - Led by representatives from each IRWM RWMG, applying entities, local project sponsors, DAC, EDAs, and Tribes
  - Present information on overall proposal and each Project
  - Funding Areas to select a date & location for workshop by **February 1<sup>st</sup>**
- **Phase 2 – Final Application Submittal**
  - Funding Areas/Regions to submit application within 12 weeks of workshop
  - IRWMs need to submit updated IRWM Plan compliant with 2016 Guidelines prior to applying

# Prop. 1 Implementation Grant PSP – Schedule





# Prop. 1 Implementation Grant PSP – Guidelines

## Proposal Eligibility

- **Climate Change:** Proposal must include at least 1 project that directly responds to climate change by mitigating the potential impacts
- **Regional Self Reliance:** Overall proposal must help improve regional water self-reliance with one or more projects

## Project Eligibility

1. Addresses “most” critical needs of IRWM region,
2. Is consistent with Statewide Priorities,
3. Has an expected useful life of 15 years, and
4. CEQA/permits will be completed within 6 months of funding award or prior to agreement execution, whichever occurs first



# Project List Updates – Implementation Projects

Sponsor	Project Name	Prop. 1 Round 1 Eligibility
Palmdale Water District	Palmdale Regional Groundwater Recharge Project	High
Palmdale Water District	Littlerock Dam Sediment Removal - Phase 1 and Phase 2	High
Rosamond CSD	Wastewater Treatment Plant Rehabilitation and Groundwater Protection	High
Willow Springs Water Bank	Antelope Valley Water Bank	High
AVEK	SNIP	Med
AVEK	South Antelope Valley Intertie Project	Med
AV Resource Conservation District	Antelope Valley Regional Conservation Project	Med
City of Lancaster	Whit Carter Park Recycled Water Conversion	Med
City of Palmdale	Recycled Water Pipeline at Power Plant Project	Med
City of Palmdale	Phase 2 of PRWA Pipeline	Med
Palmdale Recycled Water Authority	Palmdale Recycled Water Authority – Phase 2 Distribution System	Med
Rosamond CSD	Fremont Valley Basin Potable Groundwater Well Treatment Project	Med
City of Palmdale	Upper Amargosa Creek Recharge and Channelization Project	No - SWRP (SW Capture)
AVEK	Water Supply Stabilization Project (WSSP) – Westside Expansion	No - Not Shovel Ready
City of Lancaster	Lancaster National Soccer Center Recycled Water Conversion	No - Not Shovel Ready
City of Lancaster	Pierre Bain Park Recycled Water Conversion	No - Not Shovel Ready
City of Lancaster	Division Street and Avenue H-8 Recycled Water Tank	No - Not Shovel Ready
Rosamond CSD	RCSD Arsenic Consolidation Project	No - Not Shovel Ready

## Next Steps

- Determine Antelope Valley's preferred funding split between Rounds 1 & 2
- Finalize MOU
- Select projects for Prop. 1 implementation
- Full IRWM Plan Update
- Coordinate with Lahontan Funding Area and DWR on pre-application workshop, and Round 1/Round 2 split
- Complete project information forms
- Write grant application for Prop. 1 implementation round





# Backup Slides – Conceptual Projects



# Project List Updates – Conceptual Projects

Sponsor	Project Name
Antelope Valley Duck Hunting Club	Multi-use/Wildlife Habitat Restoration Project
AVEK	Expansion of Eastside Water Bank
AVSWCA	Big Rock Creek Recharge and Recovery Project
City of Lancaster	Lancaster Cemetery Recycled Water Conversion
City of Lancaster	Tertiary Treated Water Conveyance and Incidental Groundwater Recharge of Amargosa Creek Avenue M to Avenue H
City of Lancaster	Amargosa Creek Pathways Project
City of Lancaster	Ecosystem and Riparian Habitat Restoration of Amargosa Creek Ave J to Ave H
City of Palmdale	45th Street East Groundwater Recharge and Flood Control Basin
City of Palmdale	Avenue Q and 20th Street East Groundwater and Flood Control Basin (Q-West Basin)
City of Palmdale	Avenue R and Division Street Groundwater Recharge and Flood Control Basin
City of Palmdale	Barrel Springs Groundwater Recharge and Flood Control Basin
City of Palmdale	Hunt Canyon Groundwater Recharge and Flood Control Basin
City of Palmdale	42nd Street East, Sewer Installation
City of Palmdale	Lower Amargosa Creek Recharge Project
LACDPW	Big Rock Creek In-River Spreading Grounds
LACDPW	Little Rock Creek In-River Spreading Grounds
LACWD 40	Implement ET Controller Program
LACWD 40	Ultra-Low Flush Toilet Change-out Program
LACWD 40	Waste Water Ordinance





# Project List Updates – Conceptual Projects

Sponsor	Project Name
LACWD 40	Water Conservation School Education Program
LACWD 40	Avenue K Transmission Main, Phases I-IV
LACWD 40	North Los Angeles/Kern County Regional Recycled Water Project - Phase 3
LACWD 40	North Los Angeles/Kern County Regional Recycled Water Project - Phase 4
LACWD 40	Avenue M and 62th Street West Tanks
Leona Valley Town Council	Precision Irrigation Control System
Leona Valley Town Council	Stormwater Harvesting
Little Rock Creek Irrigation District	SWP Turnout Upgrade
Little Rock Creek Irrigation District	SWP Turnout Upgrade
North Edwards WD	Arsenic Contamination Project
Palmdale Water District	New PWD Treatment Plant
QHWD	QHWD Partial Well Abandonment
Road Maintenance Division (LACDPW)	Build a bridge at the existing dip crossing of Mt. Emma Road @ Littlerock Creek
Road Maintenance Division (LACDPW)	Flooding issues Avenue P-8, between 160th and 170th Street East
Road Maintenance Division (LACDPW)	Flooding issues Avenue W, near 133rd Street East