



National Experience. Local Focus.

# Antelope Valley IRWM Stakeholder Group Meeting

Larry Chimbole Cultural Center  
38350 Sierra Hwy, Palmdale CA 93550

**Presenter:**

Brian Dietrick, P.E.

November 1, 2017



# Agenda

1. AV IRWM Plan Standard Updates
2. Project Submittal

# AV IRWM Plan Basic and Full Update

IRWM Plan Standards	Basic Update	Full Update
<b>Region Description</b>	Add water quality conditions	Analyze current regional conditions
<b>Plan Objectives</b>	Incorporate new objective requirements	Reevaluate all existing objectives
<b>Resources Management Strategies (RMS)</b>	Incorporate RMS from 2013 CA Water Plan	No additional updates
<b>Project Review Process</b>	Update existing project list	Review projects and selection processes
<b>Plan Performance and Monitoring</b>	Contain policies and procedures that promote adaptive management	Adjust all existing performance and monitoring processes
<b>Local Water Planning</b>	SW Resources Plan*; include adaptive water management	SW Resources Plan*
<b>Local Land Use Planning</b>	Demonstrate collaboration with local planning agencies	Review and expand collaboration as needed
<b>Climate Change</b>	Address priority vulnerabilities and required adaptations	Review climate change adaptations

# 2016 IRWM Plan Standard Updates



## Region Description

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- Address arsenic, perchlorate, and hexavalent contamination
- Update nitrate contamination

# 2016 IRWM Plan Standard Updates

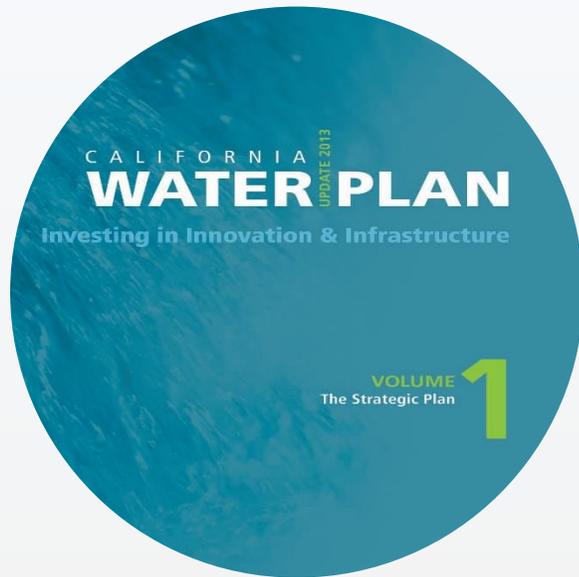


## Plan Objectives

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- Adapt to changes in runoff and recharge
- Analyze energy consumption and GHG emission reductions in water use
- Include strategies in AB 32 Scoping Plan
- Consider carbon sequestration and renewable energy options

# 2016 IRWM Plan Standard Updates



## Resources Management Strategies (RMS)

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- Include additional 2013 California Water Plan RMS
- Factor climate change effects

# 2016 IRWM Plan Standard Updates

Project Name	City/Agency	Lead	Reviewer
East Groundwater & Flood Control Basin	City of Palmdale	Gordon	Phair
2 K Transmission Main, S I-V	Los Angeles County Department of Public Works, Waterworks District 40	Ahmet	Tatillio
10th Street East Sewer Installation	City of Palmdale	Gordon	Phair
Arroyo Verde Detention Basin, Dam & Millway at Pelona Vista Park	City of Palmdale	Leon	Swain
Jarrel Springs Groundwater Recharge and Flood Control Basin	City of Palmdale	Gordon	Phair
Aquifer Storage and Recovery Project: Injection Well Development	Los Angeles County Department of Public Works, Waterworks District 40	Aracely	Jaramillo
Aquifer Storage and Recovery Project: Additional Storage Capacity	Los Angeles County Department of Public Works, Waterworks District 40	Aracely	Jaramillo
Groundwater Banking	Los Angeles County Department of Public Works, Waterworks District 40	Aracely	Jaramillo
Event Evapotranspiration (ET) Program	Los Angeles County Department of Public Works, Waterworks District 40	Rea	Josef Gor
Ordinance	City of Lancaster, City of Palmdale, Los Angeles County for Unincorporated	Rea	
	Los Angeles County Department of Public Works, Waterworks District 40		

## Project Review Process

- Review project list
- Update submittal form to include detailed items to be reviewed during project review process

# 2016 IRWM Plan Standard Updates



## Plan Performance and Monitoring

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- Ensure proper project monitoring
- Confirm compliance with all applicable rules, laws and permit requirements

# 2016 IRWM Plan Standard Updates



## Local Water Planning

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- Develop a Stormwater Resources Plan for stormwater and dry weather runoff capture projects
- Incorporate water management issues and climate change adaptation and mitigation strategies from local plans

# 2016 IRWM Plan Standard Updates

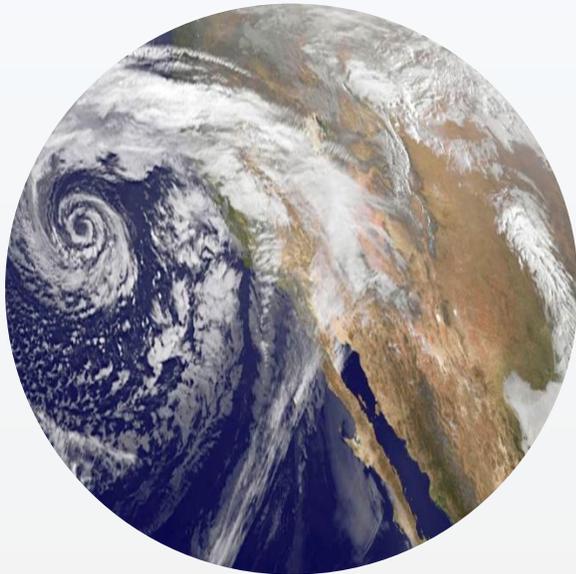


## Land Use Planning

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- Demonstrate information sharing and collaboration with regional land use planning

# 2016 IRWM Plan Standard Updates



## Climate Change

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- Determine the feasibility for the RWMG to address the priority vulnerabilities
- Consider effects of sea level rise on water supply conditions (including imported water) and identify adaptation methods

# Project Review and Submittal

- <http://avwaterplan.org/>
  1. Click “Submit Your Projects”
  2. Access and complete “Antelope Valley IRWMP Project Identification Form” (PDF document)
  3. Register to view, submit, edit, or delete projects online

The screenshot shows the website's navigation menu on the left with a red arrow labeled '1' pointing to the 'Submit Your Projects' link. The main content area on the right is titled 'Projects' and contains a bullet point with a link to the 'Project List (Appendix K, 2013 Antelope Valley IRWM Plan Update) (PDF Format)'. Below this is a paragraph about project identification. A red arrow labeled '3' points to the registration link: <http://dpw.lacounty.gov/wwd/avwater/>. Another red arrow labeled '2' points to the link for the 'Antelope Valley IRWMP Project Identification Form (PDF Format)' at the bottom of the page.