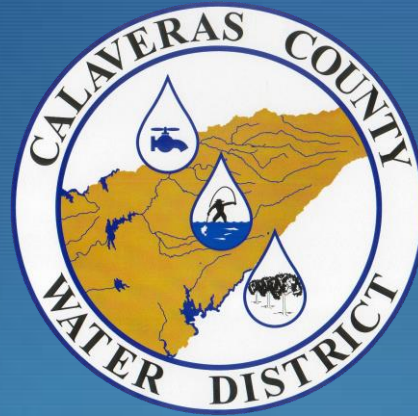


June 5, 2019



Town Hall Meeting

Reach 1 Pipeline Replacement Project

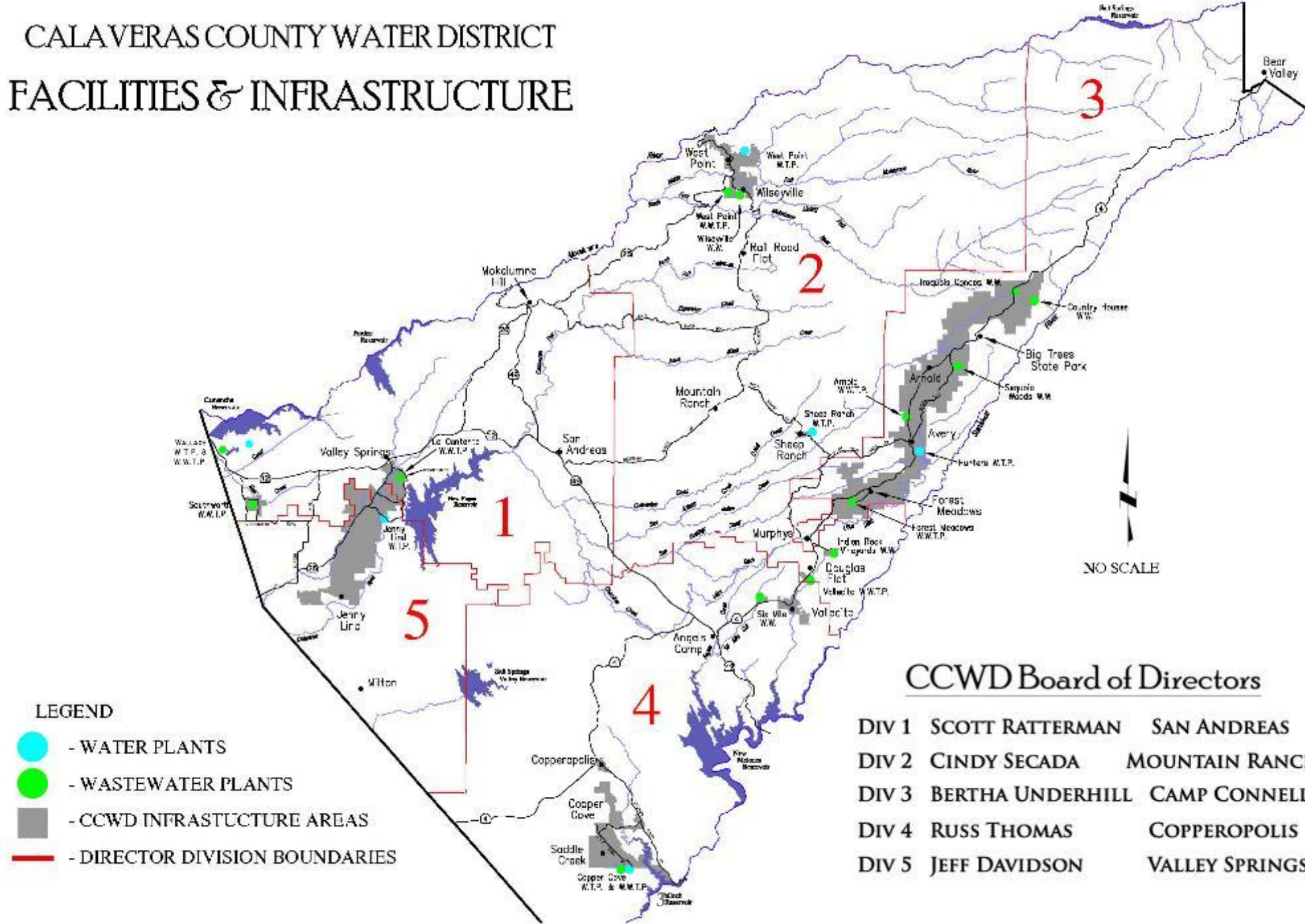


CCWD Overview

- ◆ Special district formed in 1946
- ◆ 6 water plants, 12 sewer plants
- ◆ 65 full-time staff
- ◆ 13,000 water customers
- ◆ 5,000 sewer customers
- ◆ Water supplies
 - ◆ Mokelumne, Calaveras, Stanislaus, Groundwater



CALAVERAS COUNTY WATER DISTRICT FACILITIES & INFRASTRUCTURE



LEGEND

- - WATER PLANTS
- - WASTEWATER PLANTS
- CCWD INFRASTRUCTURE AREAS
- DIRECTOR DIVISION BOUNDARIES

CCWD Board of Directors

DIV 1	SCOTT RATTERMAN	SAN ANDREAS
DIV 2	CINDY SECADA	MOUNTAIN RANCH
DIV 3	BERTHA UNDERHILL	CAMP CONNELL
DIV 4	RUSS THOMAS	COPPEROPOLIS
DIV 5	JEFF DAVIDSON	VALLEY SPRINGS

Service Area	Water Source	Connections
Jenny Lind	Calaveras River	3,771
Sheep Ranch	Calaveras River	48
<u>Ebbetts Pass</u>	<u>Stanislaus River</u>	<u>5,793</u>
Copper Cove/ Copperopolis	Stanislaus River	2,566
West Point	Mokelumne River	568
Wallace	Groundwater ₄	103

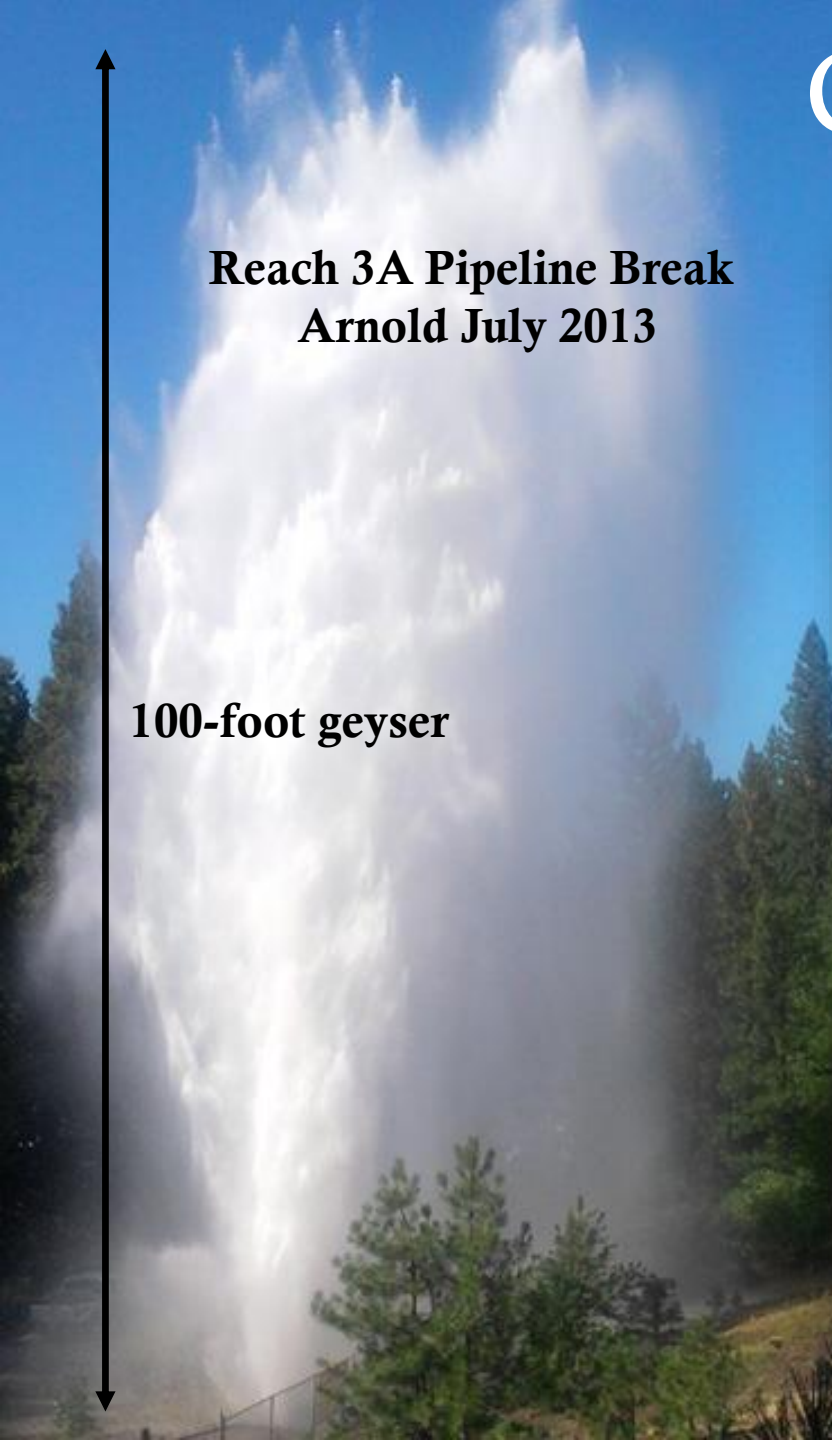
Capital Renovation and Replacement Program (Capital R&R)

- ◆ Capital R&R rate increases took place in fall 2013 and 2014
- ◆ 100% of Capital R&R rate increase funds are reserved infrastructure improvements
- ◆ These funds pay for critical water and sewer projects throughout the County, including the Reach 1 Pipeline Replacement Project

Capital Needs – Water

**Reach 3A Pipeline Break
Arnold July 2013**

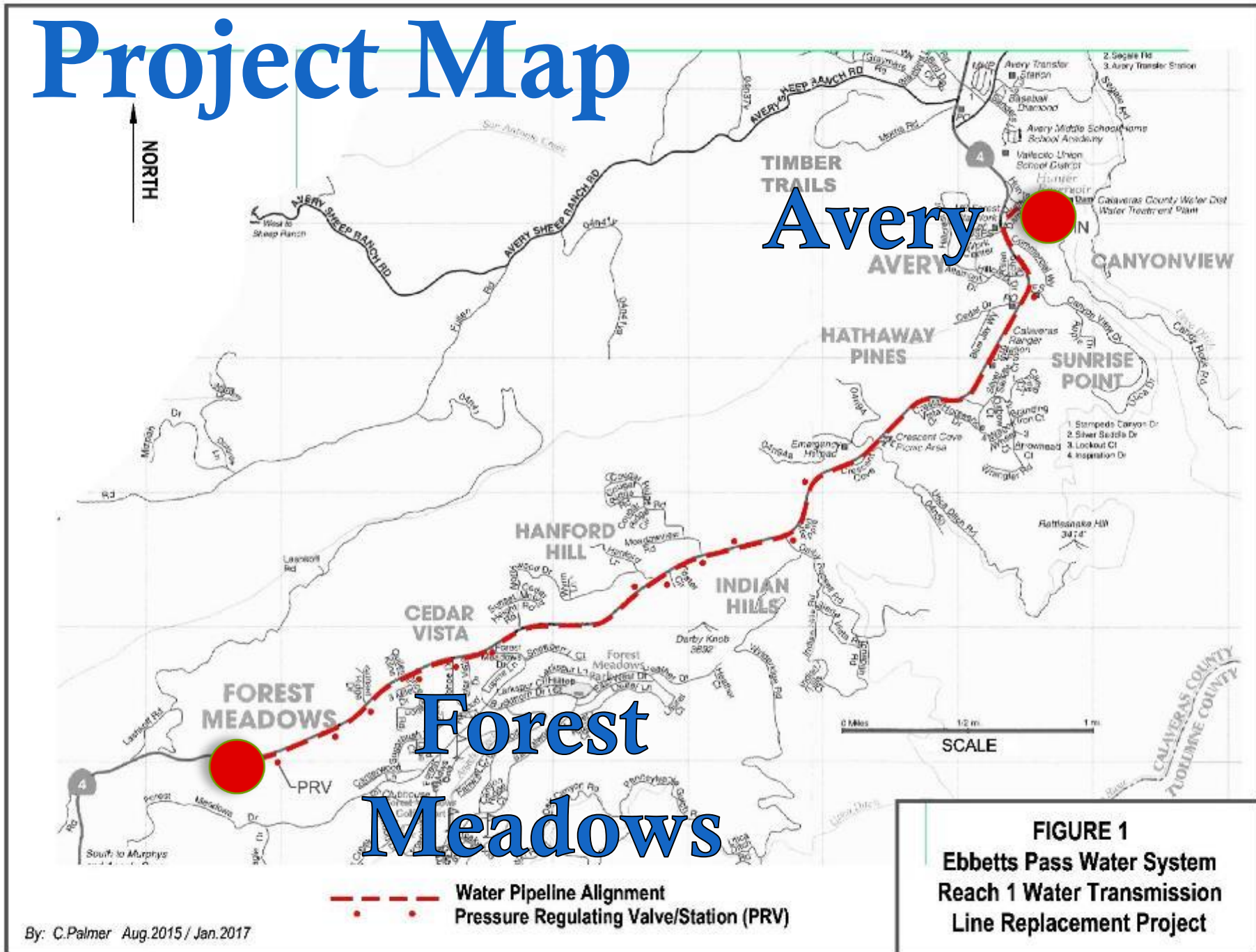
100-foot geyser



Reach 1 Pipeline Replacement Project



Project Map





Ebber's Pasture

±10'



STA 71+50

FOREST MEADOWS DRIVE



Ebbetts Pass

±25'

W

Project Overview

- ◆ 23,000 feet (4.3 miles) of 12-inch Ductile Iron Pipe - 250 to 300-psi
- ◆ 1,300 feet (0.25 mile) of 8-inch ductile iron pipe
- ◆ Old pipeline built 1965 – New pipeline should last 75 years
- ◆ Starts at CCWD water treatment plant in Avery on Hunter Dam Road and ends just west of Brice Station Vineyards
- ◆ CCWD will strive to not interrupt water service for more than 1 day

Out With The Old, In With The New



Project Cost

- 💧 Mozingo Construction won the project bid at \$6.7 million
- 💧 Including planning, engineering and construction management, the total project cost is \$7.5 million
- 💧 Funding comes from the Water Capital R&R Water Fund
- 💧 **These are your rate dollars at work!**

Preliminary Project Schedule

- ◆ This is a two-year construction project
- ◆ Construction will begin on Monday July 8, following Fourth of July weekend
- ◆ The 2019 construction season will end in late October
- ◆ The 2020 construction season will begin in May 2020
- ◆ Project completion expected in fall 2020

Primary benefits

- ◆ Improve water service reliability
- ◆ Improve water quality
- ◆ Reduce water loss from leaks
- ◆ Enhance fire flows
- ◆ Install infrastructure expected to last 75+ years

Maintaining Existing System

- ◆ While the Reach 1 Project is being built, CCWD staff will ensure water quality in the area continues to meet state and federal standards.
- ◆ Staff will continue to maintain existing systems, despite increased workloads and disruptions.

Minimizing Community Impacts

- ◆ Limit construction to 7 a.m. to 6 p.m. M-Thus., 7 a.m. to 3 p.m. on Fridays
 - ◆ Limited work could occur on weekends with advanced approval & notice
- ◆ Limit open trench excavation length; trench plates provided if public access needed
- ◆ Bypass pipelines to reduce service interruptions
- ◆ Consolidate construction equipment
- ◆ Minimize traffic delays and lane closures, when feasible
- ◆ Regular HOA/community meetings to keep residents informed

Public Outreach

How will CCWD Keep you Informed?

- ◆ Dedicated Reach 1 Project webpage at www.ccwd.org/Reach1
- ◆ Social Media
- ◆ Community meetings
- ◆ Local media partners



Moving Forward

- 💧 This is the beginning of an ongoing conversation
- 💧 We are committed to keeping you informed
- 💧 Let us know if you have questions or concerns about project
- 💧 CCWD Customer Service: **(209) 754-3543** or customerservice@ccwd.org

End of Presentation

What are your questions?

- ◆ Joel Metzger, External Affairs Manager
- ◆ Direct phone: (209) 754-3123
- ◆ Email: joelm@ccwd.org
- ◆ For more information, go to: www.ccwd.org/reach1
- ◆ Like us on Facebook: www.facebook.com/calaveraswaterdistrict

