



# Reach 3A Pipeline Replacement Project



# Topics

- ◆ **Welcome** – Bertha Underhill, District 3 Director
- ◆ **CCWD Overview** – Dave Eggerton, General Manager
- ◆ **Project Overview** – Charles Palmer, District Engineer
- ◆ **Operations** – Jesse Hampton, Plant Operations Manager
- ◆ **Meet the Contractor** – T&S Construction
- ◆ **Communications Overview** – Joel Metzger, PIO
- ◆ **Q&A following the presentation**



# Welcome!

Bertha Underhill, District 3 Director





# CCWD and Capital R&R Overview

Dave Eggerton, General Manager



# CCWD Overview

- Organized in 1946
- Special district
- Calaveras County
  - 1,080 square miles
  - Mostly rural
  - Population of 46,000
  - CCWD serves 22,000 people
  - 13,000 water cust.
- Three watersheds:
  - Mokelumne River
  - Calaveras River
  - Stanislaus River



# Water Service Areas

Service Area	Water Source	Connections (2015)
Jenny Lind	Calaveras River	3,756
Sheep Ranch	Calaveras River	51
Ebbetts Pass	Stanislaus River	6,027
Copper Cove/ Copperopolis	Stanislaus River	2,556
West Point	Mokelumne River	582
Wallace	Groundwater	103

# Capital R&R Program

- Board adopted five-year rate plan for capital R&R in 2013

<b>Adopted Monthly Base Charge by Fiscal Year (5/8" meter)</b>					
Current	FY 13-14	FY 14-15	FY 15-16	FY 16-17	FY 17-18
\$39.50	\$49.38	\$56.78	\$61.89	\$61.89	\$61.89
Increase	\$9.88	\$7.40	\$5.11	\$0.00	\$0.00
	25.0%	15.0%	9.0%	0.0%	0.0%

<b>Adopted Monthly Wastewater Rates by Fiscal Year</b>					
Current	FY 13-14	FY 14-15	FY 15-16	FY 16-17	FY 17-18
\$67.50	\$77.63	\$86.16	\$90.00	\$90.00	\$90.00
	\$10.13	\$8.53	\$3.84	\$0.00	\$0.00
	15.0%	11.0%	4.5%	0.0%	0.0%

# Capital R&R Program

- ◆ Rate increases took place in fall 2013 and 2014
- ◆ Board postponed in 2015 increase and cancelled it in 2016
- ◆ All rate increase funds reserved for the Capital Renovation and Replacement Program (Capital R&R)
- ◆ These funds pay for critical water and sewer projects throughout the County



# Capital R&R Program

- ◆ Total CCWD assets: in excess of \$100 million
- ◆ Five-year CIP plan (adopted in 2016)
  - ◆ \$28 million in water projects identified
  - ◆ \$11 million in wastewater projects identified
- ◆ Infrastructure generally lasts between 15 and 50 years
- ◆ R&R Program addresses the most critical needs to address biggest challenges like failing

# Capital Needs - Water



# Capital Needs - Water



# Capital R&R Water Projects

- ◆ Lake Tulloch Intake Extension
  - ◆ Completed summer 2015
- ◆ Jenny Lind Water Treatment Plant Pretreatment
  - ◆ Construction summer 2016
- ◆ Big Trees Redwood Tanks Replacement
  - ◆ Construction spring/summer 2016
- ◆ Reach 3A Pipeline Replacement
  - ◆ Construction spring/summer 2016

# Reach 3A Project Planning

- ◆ Project first proposed in 2013
- ◆ Very complex project
- ◆ USDA grant/loan
- ◆ Coordination with Army Corps, Dept. of Fish and Wildlife, Caltrans, Cal Fire, Cal. County Public Works
- ◆ Right of way, private property, golf course
- ◆ Careful planning to minimize customer impacts in populated area



# Reach 3A Project Overview

Charles Palmer, District Engineer



# Project Schedule

- ◆ Sept. – Oct. 2015 / Final Plans
- ◆ Nov. 2015 – Jan. 2016 / Bid Project
- ◆ Feb. – April 2016 / Award Contract
- ◆ Feb. – May 2016 / Finalize USDA Grant/Loan
- ◆ May. 2016 / Notice to Proceed
- ◆ May. – Nov. 2016 / Construction

# Project Overview

- ◆ 12-inch Ductile Iron / 250 to 300-psi
- ◆ 3.75 Miles (20,000 feet) with 16 PRV Stations
- ◆ Old pipeline built 1965 – New pipeline should last 75 years
- ◆ Starts at Cal-Fire Station, ends at Sawmill Tank
  - ◆ Tunnel under Hwy 4
- ◆ Strive to not interrupt water service for more than 1 day
  - ◆ Isolation valves installed over past year

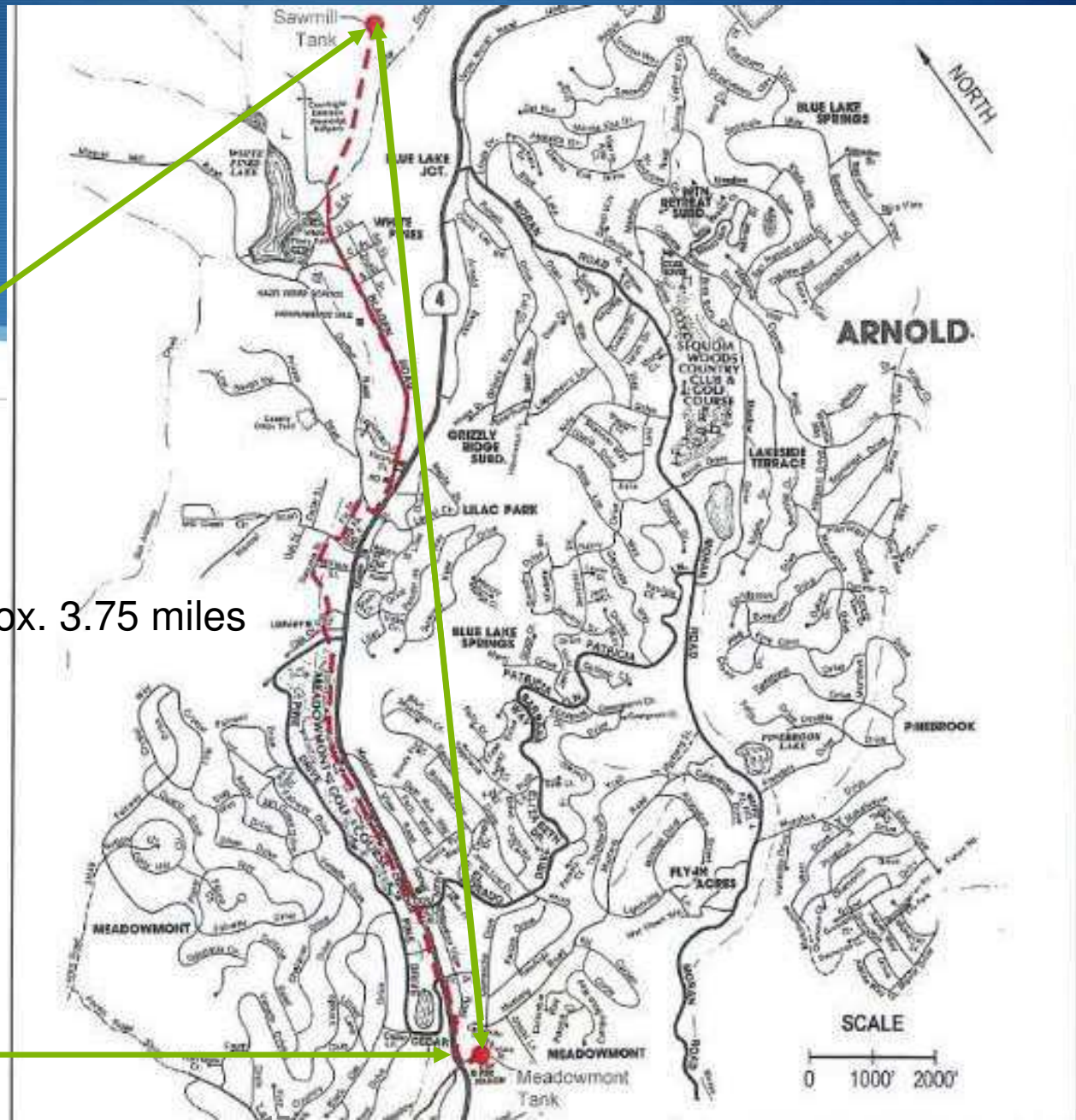


# Reach 3A Project Map

Sawmill Tank

Approx. 3.75 miles

Meadowmont Tank



# Service Areas

- ◆ Cal-Fire
- ◆ Lakemont
- ◆ Meadowmont
- ◆ Big Trees Market
- ◆ Cedar Center
- ◆ Millwoods
- ◆ Lilac Park
- ◆ Ebbetts Pass Fire
- ◆ Blagen Rd
- ◆ Hazel Fisher School
- ◆ White Pines Park
- ◆ Logging Museum
- ◆ Baseball Field
- ◆ Moose Lodge

# Easements & Permits

- ◆ Cal-Fire
- ◆ Private Property
- ◆ Golf Course
- ◆ County Public Works
- ◆ U.S. Army Corps of Engineers
- ◆ Calif. Department of Fish & Wildlife

# Reach 3A / Funding Sources

Project is grant/loan funded through USDA with \$3,922,000 from R&R funds.

ITEM / SOURCE	AMOUNT
USDA Grant	\$1,378,000
USDA Loan / R&R	\$2,622,000
CCWD Initial Match / R&R	<u>\$1,300,000</u>
TOTAL	\$5,300,000

# Reach 3A / Project Costs

ITEM	COST
Construction Contract	\$4,150,00
Construction Inspection	\$200,000
Design/Engineering/Surveying	\$400,000
Right-of-Way, Environmental & Other	\$300,000
Contingency	<u>\$250,000</u>
TOTAL	\$5,300,000



# CCWD Operations

Jesse Hampton, Plant Operations Manager



# Maintaining Existing System

- ◆ While the Reach 3A 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.



# Meet the Contractor

Art and Anthony Spinella, T&S Construction







# Public Outreach

Joel Metzger, Customer Relations Manager | PIO



# Public Outreach

## How will CCWD Keep you Informed?

- ◆ Reach 3A Project message included on every bill that sent out in April
- ◆ Dedicated Reach 3A Webpage at [www.ccwd.org](http://www.ccwd.org)
- ◆ Social Media



# Visit [www.ccwd.org](http://www.ccwd.org) for the Latest Information

The screenshot shows the homepage of the Calaveras County Water District website. At the top left is the CCWD logo. The header features the text "CALAVERAS COUNTY WATER DISTRICT" in yellow, with contact information: phone number 209-754-3543 and email address customerservice@ccwd.org. A navigation menu includes links for HOME, ABOUT, DIRECTORS, CONSERVATION, CAPITAL IMPROVEMENTS, CAREERS, and CUSTOMER SERVICE. The main content area has a large background image of a reservoir. Text on the page includes "Atmospheric River Brings Storms" and "Reservoirs on the Rise". A blue button says "Click Here for Local Levels". A green arrow points from the text "Click here for information" to a "REACH 3A PIPELINE REPLACEMENT PROJECT" button. Other buttons include "PAY MY BILL" and "Access Your CCWD Account Online".

**CALAVERAS COUNTY WATER DISTRICT**  
209-754-3543  
customerservice@ccwd.org

HOME ABOUT DIRECTORS CONSERVATION CAPITAL IMPROVEMENTS CAREERS CUSTOMER SERVICE

Atmospheric River Brings Storms  
Reservoirs on the Rise  
Click Here for Local Levels

Click here for information

PAY MY BILL

REACH 3A  
PIPELINE REPLACEMENT PROJECT

Access Your CCWD Account Online

PAY MY BILL

# Public Outreach

## How will CCWD Keep you Informed?

- ◆ Reach 3A Project dedicated phone line.
  - ◆ 209-754-3297
- ◆ Message will be updated regularly



# Public Outreach

## How will CCWD Keep you Informed?

- ◆ Partnering with EPPOC and other community groups.
- ◆ Partnering with local media outlets (print, Web, radio and TV)
- ◆ Signage within project area

# CCWD Reach 3A Public Outreach

- ◆ In-person/phone education
- ◆ Road signs and flyers
- ◆ Presentations at community meetings

# Moving Forward

- ◆ This is the beginning of an ongoing conversation
- ◆ We are committed to keeping you informed
- ◆ If you have questions or concerns about this project, please contact us!
- ◆ CCWD Customer Service: **(209) 754-3543**

# End of Presentation

## Are There Any Questions?

- ◆ Joel Metzger, Customer Relations Manager | PIO
- ◆ Direct phone: (209) 754-3123
- ◆ Email: [joelm@ccwd.org](mailto:joelm@ccwd.org)
- ◆ For more information, go to: [www.ccwd.org](http://www.ccwd.org)
- ◆ Like us on Facebook:  
[www.facebook.com/calaveraswaterdistrict](http://www.facebook.com/calaveraswaterdistrict)

