



RCAC

www.rcac.org

Providing Public Water Supply to The Acres Community - Phase 1

December 5, 2024

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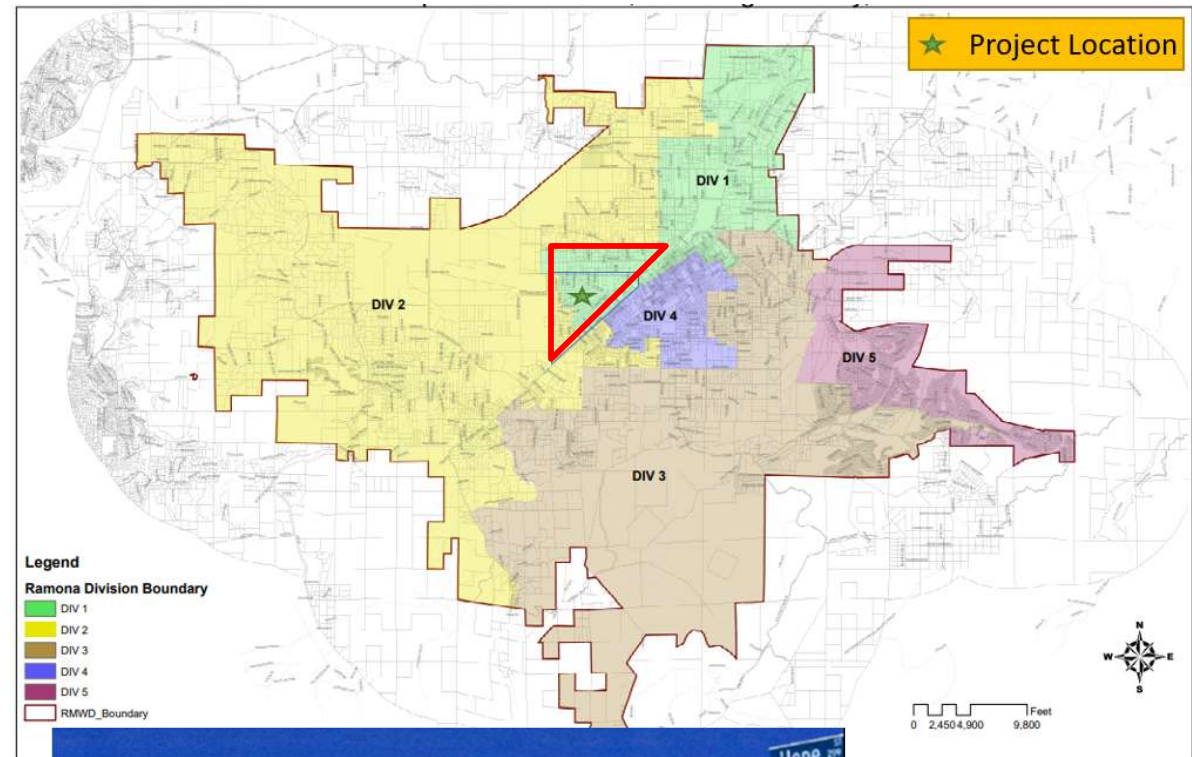
State Water
Resources
Control Board



RAMONA
MUNICIPAL WATER DISTRICT

The Acres Community Location

- Within RMWD boundary
- In Division 1 and 2
- Includes portion of Santa Maria Creek
- Roughly bounded by:
 - South – Highway 67
 - North – Montecito
 - West – Airport/Grasslands
 - East – Ramona St/Day St



SAFER:



State Water
Resources
Control Board

SAFER:

"Funding for this project has been provided in full or in part under the Safe and Affordable Funding for Equity and Resiliency (SAFER) Drinking Water Program through an agreement with the State Water Resources Control Board. The contents of this document do not necessarily reflect the views and policies of the foregoing, nor does mention of trade names or commercial products constitute endorsement or recommendation for use."

Background: Planning under SAFER



Technical Assistance to
Acres Community by
RCAC



Planning and Design
Funding of \$574,704
provided by State
Water Resources
Control Board SAFER
program



Work Completed

- Engineering Report
- Public Outreach
- 100% Plans and Specifications and bid documents
- Environmental Documentation



Next steps

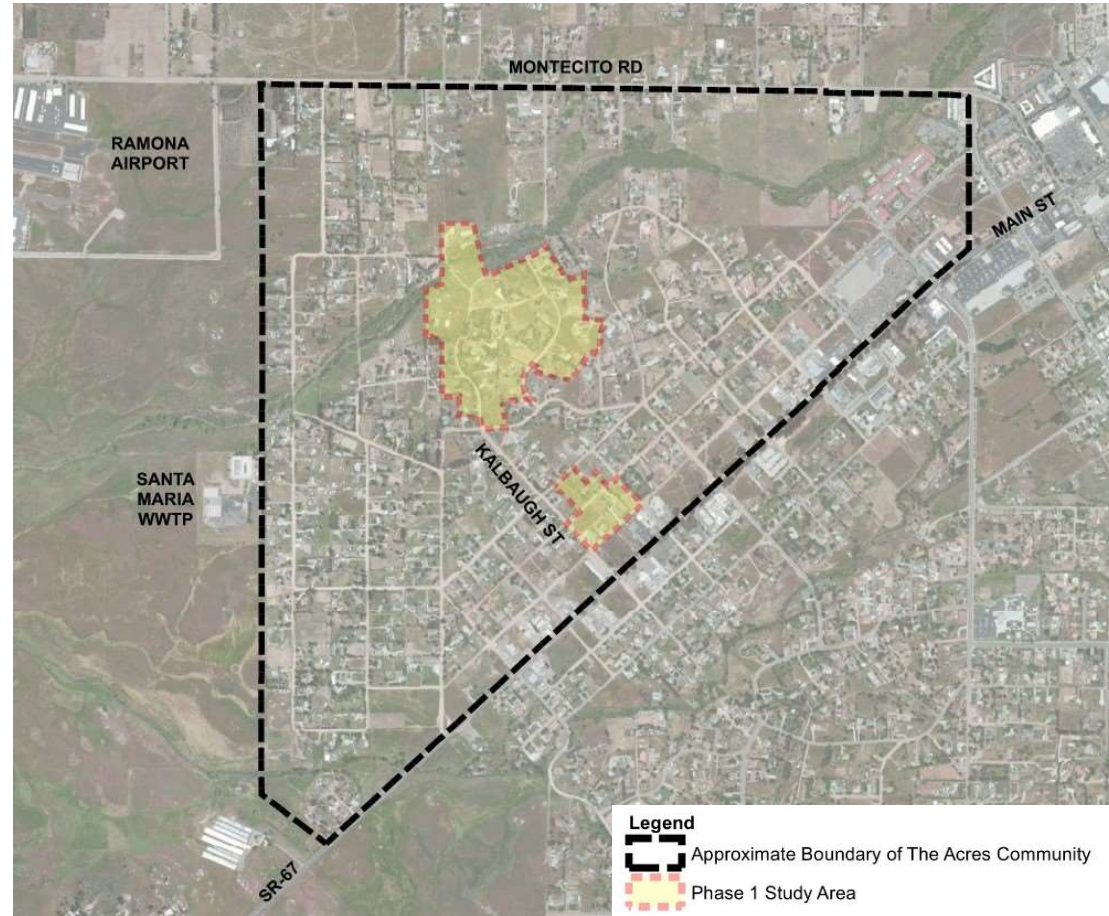
- Project bidding and construction
- Coordination with current and future customers in the Acres
- Project completion



Project is funded through grants, not current ratepayers

Goals of Project

- Provide safe drinking water to well owners
- Replace spaghetti line connections
- Install water infrastructure to serve the Acres



Project Benefits

Safe and reliable water supply from RMWD

- Reduced drought impacts
- Meets all Drinking Water Standards (including nitrate and uranium)
- Reduced salinity in water



Replaces “Spaghetti lines” with connections at property line

- Increases reliability
- Reduces frequency of water loss and costly bills from line breaks



Provides adequate fire flows

- No need for on-site storage
- May reduce insurance costs



FAQ- Health Risks of Drinking Well Water

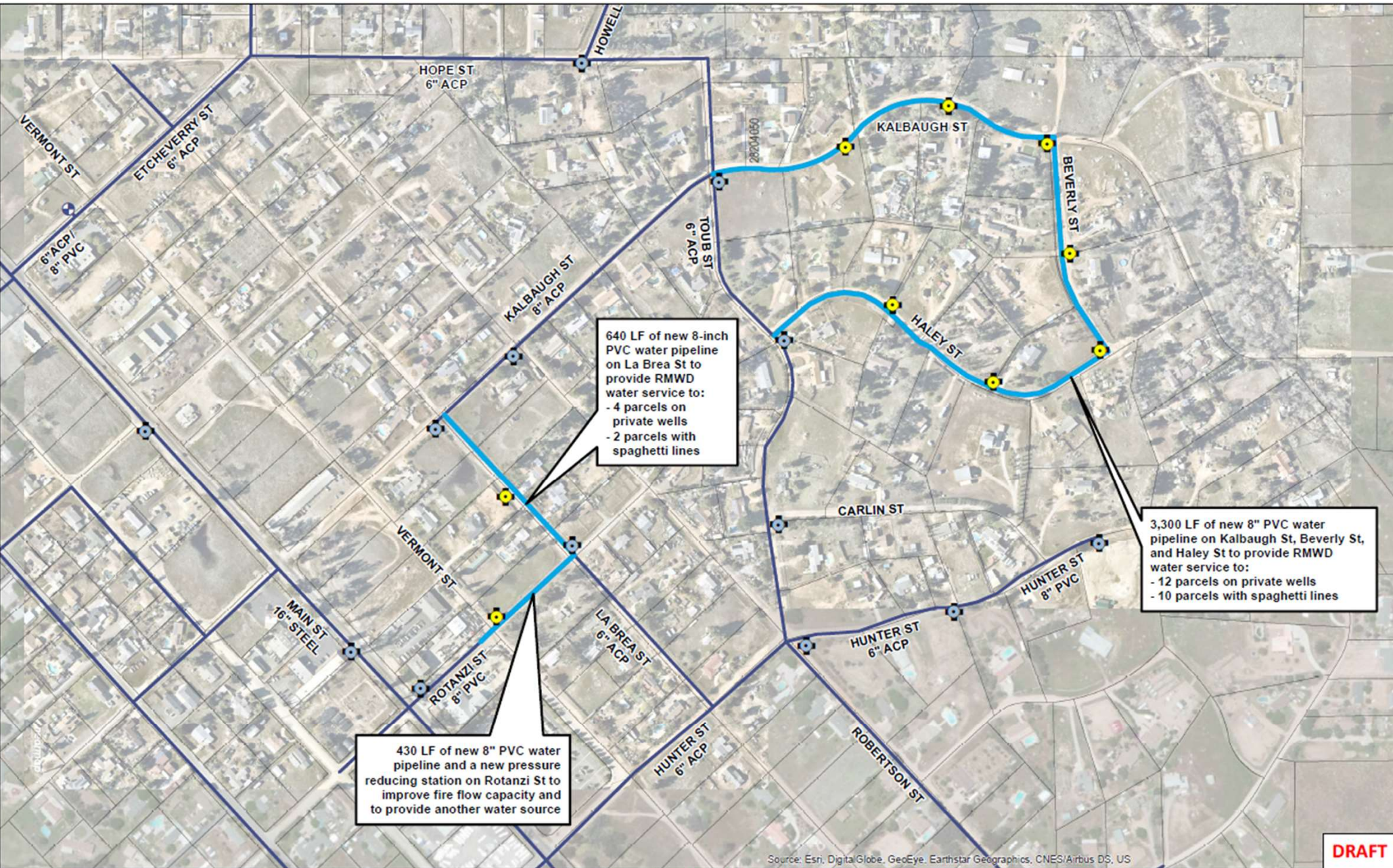
Nitrate (> 10 mg/L as N)

- Sources: Septic systems, animals, agriculture
- Acute health risk for:
 - Infants of less than six months of age. “Blue baby syndrome”
 - Pregnant women and people with specific enzyme deficiencies. May affect the ability of the blood to carry oxygen

Uranium (> 20pCi/L)

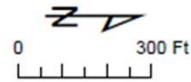
- Sources: Natural occurring granitic formations
- Chronic health risk
 - Kidney problems
 - Increased risk of getting cancer

Project Being Constructed



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, US

- Legend**
- Proposed Hydrant
 - Existing Hydrant
 - RMWD Water Line
 - Proposed Water Line



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 15090 AVENUE OF SCIENCE, SUITE 200
 SAN DIEGO, CA 92128
 P: 858.385.0500 WWW.NV5.COM

**RAMONA ACRES CONSOLIDATION - PHASE 1 FEASIBILITY STUDY
 RECOMMENDED PROJECT**

DATE SUBMITTED: AUG 2022

DRAFT

EXHIBIT
1

SCALE
1 inch = 300 feet

JOB NUMBER
227622-0001364.01

Grant Funded Construction Project \$3,755,000



Urban and
Multibenefit
Drought Relief
Grant Program

Guidelines and
Proposal
Solicitation
Package

Published: October 2021



- **Timeline**

- Request for Bids: December 2024
- Construction contract: February 2025
- Required construction completion December 2025

- Project Selected by San Diego IRWM and approved by DWR
- Project Sponsor: Ramona MWD
- **Project**
 - Pipeline and appurtenances
 - Relocation of spaghetti lines
 - Connection of customers, meters and backflow preventers funded by Grant
 - Construction management and staff time.

FAQs-Estimated Monthly Water Bill

Base Fee

- 3/4" or 5/8" meters:
\$46.54 Month
- \$8.74 per unit (100 cubic feet) of water

Estimated Fees for Water Use

- Average of Approximately
\$107.72 per Month
(assumes 7 units)

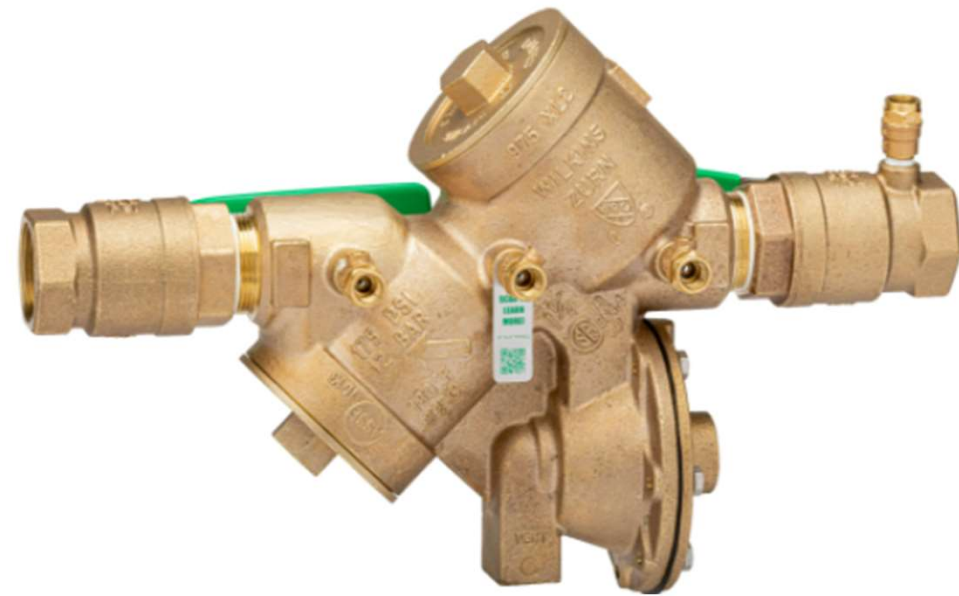


Base Fee + Water Use Fees = Total Monthly Bill

FAQ's- Will I be able to keep my well if I connect to Ramona?

Yes-you can keep your well for non-potable purposes

- You must install a backflow preventer at the meter. (may potentially be grant funded)
- Backflow preventer must be tested annually.
- No on-site interconnection between the house and well is allowed.



Coordination with Property Owners

District/Contractor

- Notify the homeowners of any shutdowns to existing service.
- Place ¾” meters in front of the house near the edge of the property.
- Install any backflow preventers at meter and complete initial test.



Homeowners

- Coordinate with District on location of meter.
- Complete any work on their own property to connect into the meter.
- Property owners must complete a **Participation Form**
- Arrange for and pay for annual testing of backflow



Requesting Water Service from District

- Contact Engineering Department at (760) 789-1330 and request to participate in the Acres Water Pipelines Project.
- Participation Form:
 - 2 form versions:
 - New meter vs relocated meter
 - Must be signed by property owner
 - Includes temporary construction easement
- Capacity and connection fees for existing residences are paid by grant.
- Fees for undeveloped properties are not covered by this grant.



RAMONA MUNICIPAL WATER DISTRICT

105 Earlham Street
Ramona, CA 92065-1599

Telephone: 760-789-1330
Facsimile: 760-788-2202

PARTICIPATION IN STATE FUNDED WATER PROJECT IN THE ACRES – NEW WATER CONNECTION – FOR THOSE SOLELY USING WELLS (*Participation Form*)

This Participation Form provides current Acres property owners that are voluntarily participating in the "State Funded Water Project in the Acres ("Project")" with documentation detailing the District's intention to provide service to customers if funding is available through state grant sources and provides for such property owners to grant a temporary easement to District to assist with Project completion and agree to certain conditions of participation in the Project. This Participation Form is provided for use by all customers requesting a new meter as part of this Project.

Note: This form applies only to those customers that do not have existing water service with the District and are currently supplied potable water to their parcel by a private groundwater well. Note that only parcels with existing residences are eligible to participate in this Project. If your property is currently vacant, please contact the Engineering Department to discuss how to obtain a new water service after the water main is installed on your street.

1. Property Owner Name ("Participant"): _____
2. Assessor Parcel Number (APN) ("Property"): _____
3. Property Address: _____
4. Mailing Address for notices to be sent (if different than Property address): _____
5. Rural Community Assistance Corporation ("RCAC") and Ramona Municipal Water District ("District") have worked with state funding agencies to obtain grant funding for planning, design, and construction of the water main in the project area. At this time, it is anticipated that there will be sufficient funding to pay for the District capacity fees, the new service lateral and meter, and new backflow device installation and testing in the project area. However, in the event of a shortage of funding, Participant may be asked to pay all or a portion of the following costs to participate in the Project:
 - a. District and San Diego County Water Authority capacity fees for a ¾" meter: \$12,405



Questions?
