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February 12, 2026

Board of Directors and Interim General Manager
Rancho Murieta Community Services District
Rancho Murieta, Ca. 95683

Dear Ms. Amelia Wilder and Board of Directors,

This letter addresses conflicting comments made at the CSD Emergency Water Hearing regarding Rancho Murieta's ground water availability.

Here's a summary of Rancho Murieta's last two well studies:

1) The Dec. 15, 2025 WSC Technical Memorandum (pages 10-11) states that a single well could potentially produce 200 to 400 gpm.

2) The Dec. 12, 2013 Dunn Environmental, Inc. Technical Memorandum Production Water Well Assessment (pages 2-3) states that up to two production wells may be necessary to generate 370 gpm (gallons per minute),

Rancho Murieta is attempting to increase the current water supply by 3,000 acre feet - annually - to cover the existing drought deficit and to provide sufficient water for the already approved development and full buildout. To achieve this goal, the CSD needs a single well or series of wells that can produces 1860 gpm and that production level assumes that the well or wells can pump 24 hours a day, 365 days a year. Based on the test well production output levels and assuming 24 hour per day pumping, the CSD would need 5 to 10 wells. (See attached worksheet illustrating how these numbers were generated.)

Important issues to consider:

1) Can the existing aquifer support 5-10 wells that pump non-stop?
2) How much will 5-10 wells cost?
3) If limited water is found, will it go to the current community and already entitled development (to cover the existing drought deficit) or will the developer be allowed to bypass that need and build more houses?
4) If the CSD invests several million dollars developing a single well or millions of dollars on multiple wells located on an adjoining landowner's property, in addition to the hundreds of thousands of dollars to pipe the water to the treatment plant, how will the community protect against the landowner cutting off that supply, at a later date?

5) What are the usage terms and who will bear the ongoing costs?
6) During drought conditions, would Rancho Murieta be able to pump 24 hours a day and would the community have an entire year to generate that quantity of water?
7) The WSC Report (page 5) references a 2012 Dunn report statement: "… test holes should ideally target the Cosumnes River alluvial basin …" **The Dunn Report states (page 23) that "Prior to construction, a drinking water source assessment (DWSAP) should be completed and submitted and approved by the California Department of Public Health.**" In 2010, I spoke with Kim Wilhelm, Chief, Northern California Drinking Water Section, Field Operations Branch, of the California Department of Public Health. Mr. Wilhelm stated that the CSD has been warned against drilling in close proximity of the Cosumnes River. He said that the DPH will require point of origin testing (as mentioned in the Dunn report). **If river water is found in the well samples, then use of that well would be a direct violation of the CSD's Cosumnes River pumping permit and could lead to revocation of that license.**

Rancho Murieta has a drought deficit and lacks an emergency source of water. There's no choice. We must find additional water. However, the community's limited financial resources need to be spent wisely. Each potential option should be vetted to address the risks and rewards associated with that decision. Because the Cosumnes River is Rancho Murieta's only source of water, avoiding pumping permit violations must be a priority.

As always, my findings have been presented - in writing - with supporting sources listed. If you believe I am mistaken, by all means challenge me. However, do so in writing, list your sources and put your name and reputation on the line - as I have done for the past 20 years - because Rancho Murieta residents deserve the truth.

Prove me wrong.

Sincerely,

Janis Eckard

THE FOLLOWING ILLUSTRATES HOW THE NUMBER OF WELLS REQUIRED TO MEET THE CSD GOAL WAS MATHEMATICALLY DETERMINED. THESE NUMBERS ARE BASED ON THE CONCLUSIONS FOUND IN THE LATEST TWO RANCHO MURIETA WELL STUDIES AND ASSUME THAT THE WELLS ARE PUMPED 24 HOURS A DAY, 365 DAYS A YEAR (WHICH IS LIKELY UNACHIEVABLE).

DUNN ENVIRONENTAL, INC.
DECEMBER 12, 2013
TECHNICAL MEMORANDUM
PRODUCTION WATER WELL ASSESSMENT
ESTIMATES THAT 1-2 WELLS ARE NEEDED
TO PRODUCE 370 GPM

370 GPM (GALLONS PER MINUTE)
X 60 MINUTES PER HOUR
22,200 GALLONS PER HOUR

22,200 GALLONS PER HOUR
X 24 HOURS PER DAY
532,800 GALLONS PER DAY

532,800 GALLONS PER DAY
X 365 DAYS PER YEAR
194,472,000 GALLONS PER YEAR

194,472,000 GALLONS PER YEAR
DIVIDED BY THE GALLONS OF WATER
IN AN ACRE FOOT = 325,851
596.81 ACRE FEET

3,000 ACRE FEET NEEDED
DIVIDED BY 596.81 ACRE FEET
5 WELLS ARE NEEDED
(THIS NUMBER INCREASES TO 10
IF TWO WELL ARE REQUIRED
TO GENERATE 370 GPM)

WSC
DECEMBER 15, 2025
TECHNICAL MEMORANDUM

ESTIMATES THAT 1 WELL IS NEEDED
TO PRODUCE 200-400 GPM

200 GPM
X 60 MPH
12,000 GPH

12,000 GPH
X 24 HPD
288,000 GPD

288,000 GPD
X 365 DPY
105,120,000 GPY

105,120,000 GPY
DIVIDED BY
325,851 GPAF
322.6 AF

3,000 AF NEEDED
DIVIDED BY 322.6 AF
9.3/10 WELLS NEEDED

400 GPM
X 60 MPH
24,000 GPH

24,000 GPH
X 24 HPD
576,000 GPD

576,000 GPD
X 365 DPY
210,240,000 GPY

210,240,000 GPY
DIVIDED BY
325,851 GPAF
645.2 AF

3,000 AF NEEDED
DIVIDED BY 645.2 AF
4.64/5 WELLS NEEDED