

**Consumer Confidence Report
Certification Form**
(to be submitted with a copy of the CCR)

(To certify electronic delivery of the CCR, use the certification form on the State Water Board's website at http://www.swrcb.ca.gov/drinking_water/certlic/drinkingwater/CCR.shtml)

Water System Name: Jacks Ranch – Reservation Road WS

Water System Number: CA2700889

The water system named above hereby certifies that its Consumer Confidence Report was distributed on 7/8/25 (date) to customers (and appropriate notices of availability have been given). Further, the system certifies that the information contained in the report is correct and consistent with the compliance monitoring data previously submitted to the State Water Resources Control Board, Division of Drinking Water.

Certified by: Name: John Brumers
Signature: [Signature]
Title: UP/CCO
Phone Number: 931-509-7307 Date: 7/8/25

To summarize report delivery used and good-faith efforts taken, please complete the below by checking all items that apply and fill-in where appropriate:

- ☒ CCR was distributed by mail or other direct delivery methods. Specify other direct delivery methods used: Posted @ Posting Board on Site - Delivered to Individual Homes on property
- ☐ "Good faith" efforts were used to reach non-bill paying consumers. Those efforts included the following methods:
- ☐ Posting the CCR on the Internet at www.
 - ☐ Mailing the CCR to postal patrons within the service area (attach zip codes used)
 - ☐ Advertising the availability of the CCR in news media (attach copy of press release)
 - ☐ Publication of the CCR in a local newspaper of general circulation (attach a copy of the published notice, including name of newspaper and date published)
 - ☐ Posted the CCR in public places (attach a list of locations)
 - ☐ Delivery of multiple copies of CCR to single-billed addresses serving several persons, such as apartments, businesses, and schools
 - ☐ Delivery to community organizations (attach a list of organizations)
 - ☐ Other (attach a list of other methods used)
- ☐ For systems serving at least 100,000 persons: Posted CCR on a publicly-accessible internet site at the following address: www.
- ☐ For investor-owned utilities: Delivered the CCR to the California Public Utilities Commission

This form is provided as a convenience for use to meet the certification requirement of the California Code of Regulations, section 64483(c).

THE UNIVERSITY OF CHICAGO
DEPARTMENT OF CHEMISTRY
JANUARY 1954
TO THE DIRECTOR, NATIONAL BUREAU OF STANDARDS
WASHINGTON, D. C.
FROM: DR. ROBERT M. HARRIS
SUBJECT: A STUDY OF THE KINETICS OF THE
REACTION OF HYDROGEN PEROXIDE WITH
HYDROGEN SULFIDE IN AQUEOUS SOLUTION
AT 25°C.

The reaction of hydrogen peroxide with hydrogen sulfide in aqueous solution at 25°C. has been studied. The reaction is first order in hydrogen peroxide and first order in hydrogen sulfide. The rate constant for the reaction is $1.5 \times 10^{-4} \text{ sec}^{-1}$. The activation energy for the reaction is 14.5 kcal/mole. The reaction is catalyzed by iron(II) ions. The rate constant for the reaction in the presence of iron(II) ions is $1.5 \times 10^{-3} \text{ sec}^{-1}$. The activation energy for the reaction in the presence of iron(II) ions is 10.5 kcal/mole. The reaction is also catalyzed by copper(II) ions. The rate constant for the reaction in the presence of copper(II) ions is $1.5 \times 10^{-3} \text{ sec}^{-1}$. The activation energy for the reaction in the presence of copper(II) ions is 10.5 kcal/mole.

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