NOTICE OF NEARBY WATER QUALITY RESULTS

You are receiving this notice because public records indicate you may have a domestic well on your property located near coordinates 35.44265, -119.43983.

Under the Sustainable Groundwater Management Act and its Groundwater Sustainability Plan, Kern County Subbasin Groundwater Sustainability Agencies (GSAs) monitor certain identified groundwater wells across Kern County for drinking water constituents of concern. Recent groundwater monitoring results of a well located at coordinates 35.44265, -119.43983 exceeded the drinking water standard of 10 mg/L for **Nitrate**.

This well result suggests that nearby domestic wells may also be at risk for exceeding the **Nitrate** drinking water standard of 10 mg/L. Accordingly, the Kern County Subbasin GSAs recommend nearby domestic well owners have their wells tested for **Nitrate** as soon as possible. The Kern Water Collaborative offers free domestic well testing for **Nitrate** and provides bottled water to residents at no cost if the well exceeds the **Nitrate** drinking water standard. To learn more about the Kern Water Collaborative's program, please visit www.kwcmz.org or apply for their program at welltest.kwcmz.org. Please note: If your application is disqualified for being in a public water system, please contact the Kern Water Collaborative at nicole@kwcmz.org to determine if your household meets the eligibility exception.

Drinking water with high **Nitrate** levels can be harmful to high-risk populations, which include Pregnant Women and Infant Children. High nitrate levels can interfere with the ability of red blood cells to carry oxygen to the tissues of the body, producing a condition called methemoglobinemia. This is of greatest concern in infants; clinical effects on infants ingesting high levels of nitrate are often referred to as "blue baby syndrome." Symptoms include shortness of breath and blueness in the skin. Symptoms in infants can develop rapidly, with health deteriorating over a period of days. If symptoms occur, seek medical attention immediately. High nitrate levels may also reduce the oxygen-carrying ability of the blood in pregnant women and increase the risks of complication in their pregnancies. Do not boil water that has high levels of **Nitrate** as it may increase the **Nitrate** levels.

To reduce your exposure to **Nitrate** in drinking water, it is recommended that you use bottled water until an appropriate treatment system is in place. Drinking water may be treated to remove **Nitrate**. Home filters such as Brita filters do not remove **Nitrate** from drinking water, but other systems can be used to remove nitrate. Please consult the State Water Board's residential water treatment approved list for more information: www.waterboards.ca.gov/drinking_water/certlic/device/Documents/wtd2017/76Registered%20Models%20for%20Nitrate%20listing%20081117_WITH%20LINKS%20TO%20PDS.pdf
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