



Prevent • Promote • Protect

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Berkheimer, SF-24-33

Please accept the following comments from El Paso County Public Health regarding the 2-lot subdivision project referenced above:

- The existing developed 13.6-acre lot will be divided into 2-lots. Lot 1 contains an existing residence and outbuilding and will be reduced to 5.0-acres, and lot 2 will be 13.6-acres in area.
- Water for both lots will be provided by individual private wells.
- The Water Resources and Water Quality Report dated 06November2024, water quality report completed by RESPEC and emailed to El Paso County Public Health on September 10, 2024, contained sample results from Colorado Analytical Laboratories, Inc., and Hazen Research, Inc., and were reviewed for making a water quality sufficiency determination. There is a finding for sufficiency in terms of water quality.
- Wastewater treatment for the development is proposed to be by onsite wastewater treatment systems (OWTS). The existing house on the proposed lot 1 has an approved OWTS installed in 2014 for a 3-bedroom house and is contained entirely on the lot 1. The Entech Engineering, Inc., OWTS-Wastewater Study and the Soils and Geology report, both dated 16October2024 were reviewed to determine OWTS suitability for wastewater treatment. The reports support the use of an OWTS for wastewater service on lot 2 as does El Paso County Public Health (EPCPH). The lot may require a professional engineer designed system due to a restrictive layer of clay and shallow bedrock.
- Radon resistant construction building techniques/practices are encouraged to be used in this area. The EPA has determined that Colorado, and the El Paso County area have potentially higher radon levels than other areas of the country.

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