



Prevent • Promote • Protect

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**14090 Davis Road, MS-23-1**

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

- The proposed 4-lot residential development 37.4-acre site will be served water by an individual private well and wastewater through onsite wastewater treatment systems (OWTS).
- There is a finding for sufficiency in terms of water quality based on the sample results reviewed from both the 18July2022 Colorado Analytical Laboratory and the 12August2023 Hazen Research, Inc sample results. All parameters sampled were within the standards established by the Colorado Department of Public Health and Environment (CDPHE), Primary Drinking Water Regulations, with the exception of fluoride and pH. The pH is a non-regulated standard; however, the fluoride result of 4.36 ppm, exceeds the maximum contaminate level (MCL) of 4.00 ppm of the Colorado Department of Public Health and Environment, Primary Drinking Water Standards. It is recommended by El Paso County Public Health that future homeowners install residential water treatment systems capable of lowering the fluoride level below the MCL. Such systems can normally be installed under the counter. The water quality fluoride exceedance should be recorded as a plat note with the subdivision approval.
- The Geoquest LLC., Profile Pit Evaluation dated 27August2022 was reviewed for site suitability for the use of onsite wastewater treatment systems for wastewater service. Based on the findings of the two soil test pits performed, the use of onsite wastewater treatment systems is acceptable.

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