



Prevent • Promote • Protect

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Team Chris Subdivision, SF-24-26

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

- The proposed 3-lot (5 acre+ minimum lot size) rural residential development will be provided with water from individual private wells. Wastewater treatment service is proposed to be by onsite wastewater treatment systems (OWTS).
- There is a finding for sufficiency in terms of water quality. The analytical results submitted by Colorado Analytical in August of 2024, and the results complied with the water quality parameters required by El Paso County Public Health, except for a slightly elevated manganese level and an over the standard level of radionuclides. EPCPH agrees with the RESPEC September 27, 2024, report recommending the installation of a whole house Reverse Osmosis unit in each residence to lower the elevated levels of radium and manganese from the source water. EPCPH advises that prospective homeowners be made aware of the high level of radionuclides and seek water treatment recommendations from water professionals.
- September 26, 2024, RMG Engineering Wastewater Study was reviewed to determine the feasibility of using wastewater treatment through onsite wastewater treatment systems (OWTS). The referenced reports support the use of OSWT's for this proposed development project. The majority of, if not all, OWTS's will require a Colorado Professional Engineer design due to soil with restrictive layers. All wastewater treatment systems must comply with Chapter 8 of the El Paso County Board of Health Regulations. Each individual lot requires soil profile test pit excavations in the proposed primary and secondary soil treatment areas as part of the permitting process by El Paso County Public Health.

The drainage way that cuts through the development will play a major role in lot development. Plan carefully when locating the house, well, and the OWTS soil treatment areas.

- Radon resistant building techniques/practices are encouraged to be used in this area. The EPA has determined that Colorado, and specifically the El Paso County area, have potentially higher radon levels than other areas of the country.

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