



Prevent • Promote • Protect

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Treasured Acres, Filing No. 1, MS-21-19 (2nd Revision)

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

- The proposed 3-lot residential development of a 15.2-acre site will be served water by individual private wells and wastewater through onsite wastewater treatment systems (OWTS).
- There is a finding for sufficiency in terms of water quality. All parameters were sampled for by Colorado Analytical Laboratories, and ACZ Laboratories. The total cyanide result was missed during my initial review but was found within the water quality results and found to be acceptable.
- The 27 July 2021, RMG Engineering, Soils and Geology Study 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, one each on lot 2 and 3, the use of onsite wastewater treatment systems is acceptable. In some cases, the soil conditions may require a professional engineer design. The existing OWTS on Lot 1 was installed and approved in 1980 for a 3-bedroom house.
 - The proposed development requires full compliance with the El Paso County Board of Health Regulations, Chapter 8, Onsite Wastewater Treatment Systems.
 - Each lot will require site-specific soil tests in the location of each of the OWTS soil treatment areas.
 - The soil treatment areas (STA) on each lot must be protected from all construction and site development activities. Compaction of the STA by such activities may cause the area to be unsuitable for use. Recommend fencing the area during construction to minimize the potential for soil compaction.
- Radon resistant construction building techniques/practices are encouraged in this area. The EPA has determined that Colorado, and specifically the El Paso County area, have higher radon levels than other areas of the country.

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