



Prevent • Promote • Protect

Environmental Health Division  
1675 W. Garden of the Gods Road  
Suite 2044  
Colorado Springs, CO 80907  
(719) 578-3199 *phone*  
(719) 578-3188 *fax*  
[www.elpasocountyhealth.org](http://www.elpasocountyhealth.org)

### **Knecht Minor Final Plat, SF-24-19**

Please accept the following comments from El Paso County Public Health (EPCPH) regarding the 5-lot subdivision with Lots 1-3 already developed and 2 undeveloped lots of 5 acres plus.

- **Water service for the development will be provided by individual private wells, and wastewater service will be provided by onsite wastewater treatment systems (OWTS).**
- **EPCPH has determined there is a finding for sufficiency in terms of water quality based on the August 2024 RESPEC Water Resources Report that included sample results from the July 23, 2024, Colorado Analytical Laboratories and the April 17, 2024, Hazen Research, Inc. samples; however, the following approval conditions should be noted:**
  - **The secondary drinking water standard for manganese was exceeded. Secondary drinking water standards are non-enforceable standards. Under-the-counter reverse osmosis (RO) treatment systems are available and will lower the magnesium concentration in the drinking water. EPCPH advises installation, but cannot require installation.**
  - **The maximum contaminant levels (MCL) for Gross Alpha/Beta and Combined radium 226 + 228 were slightly exceeded. Whole house reverse osmosis (RO) treatment systems are advised for both houses to lower these slightly elevated levels. EPCPH advises installation, but cannot require installation.**
    - **Please see the RESPEC, Water Resources Report, dated August 2024, for an excellent explanation of the health effects associated with these two elevated contaminants, and their advice provided for treatment.**
- **The Entech Engineers, Inc., Wastewater Study, dated July 16, 2024, was reviewed to determine OWTS suitability for the site. Based on the referenced reports the site is determined suitable for OWTS installations. OWTSs on the site may require professional engineer designs due to shallow bedrock being encountered in both soil profile test pit excavations. Shallow groundwater was not encountered.**

**Mike McCarthy**  
El Paso County Public Health  
[mikemccarthy@elpasoco.com](mailto:mikemccarthy@elpasoco.com)  
719-332-5771  
23July2024