



Prevent • Promote • Protect

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### **Terra Ridge North Final Plat, SF-22-39**

**Please accept the following comments from El Paso County Public Health regarding the 39.7-acre, 11-residential lot subdivision referenced above:**

- **There is a finding for sufficiency in terms of water quality based on the water test results performed by Colorado Analytical Laboratories, Inc., in March of 2019, and the Hazen Research, Inc., Analytical Report, reported in April 2019. The water quality was found to be within the standards of the Colorado Primary Drinking Water Regulations.**
- **On-site wastewater treatment systems (OWTS) are planned for wastewater service for the development. The RMG Engineering, Geology and Soils Study dated September 3, 2019, and revised March 30, 2022, as well as the Wastewater Disposal Report for Terra Ridge North, dated December 2022, JDS-Hydro report, and March 30, 2022, Wastewater Study by RMG Engineering were reviewed to determine the suitability of the site for the use of OWTS's. The referenced reports support the use of both conventional and in some cases professionally designed OWTS's. Areas with shallow perched groundwater were discovered that will likely require OWTS engineer designed systems. Each individual lot owner is required to comply with all El Paso County Public Health OWTS regulations and OWTS permit requirements prior to commencement of lot development.**
- **Radon resistant construction and 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.**
- **El Paso County Public Health encourages planned walkability of residential communities. Walkability features help to reduce obesity and associated heart diseases.**
- **The water quality detention basin must be designed to drain completely in order to help minimize mosquito breeding habitat and the potential for West Nile Virus.**

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