



Prevent • Promote • Protect

Environmental Health Division
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Koinonia Ranch, SF-21-35

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

- **A finding for sufficiency in terms of water quality for drinking water was made by El Paso County Public Health based upon the sample results from Colorado Analytical Laboratories, Inc. dated 30Apr2021, and Hazen Research, Inc., dated 06May2021. The magnesium result was slightly above the Colorado Primary Drinking Water Regulations secondary standard. This is a common parameter exceedance with water from the Dawson aquifer and is easily treated with residential type water softeners or filtration, but treatment is not required. Secondary water quality standard exceedances primarily affect drinking water aesthetics such as taste and smell.**
- **On-site wastewater treatment systems (OWTS) are planned for wastewater service for the development for the 6 proposed lots. Lot #5 is a developed lot with a permitted and approved OWTS installed in 1985. The Entech Engineering, Inc., OWTS Wastewater Study dated 26May2021 and revised on 21Sep2021, was reviewed for OWTS suitability for the proposed development.**
- **The results of the 3 soil test pits performed on the site support the use of conventional OWTS installations and with the increased possibility of professionally designed OWTS's on the northerly portion of the site. 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. The regulations require soil tests to be performed in the area of the proposed OWTS.**
- **Lot #2 borders a developed lot to the east. Please be aware of the OWTS and well locations on this lot prior to locating the well and OWTS on Lot #2.**
- **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. Please consider appropriate connections to other areas using sidewalks, and/or other established trails in the**

surrounding area. Walkability features help in the effort to reduce obesity and associated heart diseases.

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