



Prevent • Promote • Protect

Environmental Health Division
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Grandwood Ranch, SP-19-5

Please accept the following comments from El Paso County Public Health regarding the 151-acre, 48-residential lot project referenced above:

- **Individual private wells are proposed for the development. A finding for sufficiency in terms of water quality for drinking water is required prior to Final Plat submittal.**
- **On-site wastewater treatment systems (OWTS) are planned for wastewater service for the development of the 48 residential lots. The Vivid Engineering Group, Wastewater Evaluation Report, dated 19Jan2019, with revisions 01April2019, 11Sept2019, 18Feb2020 and 16April2020, was reviewed for OWTS suitability for the proposed development. Based on this report and experience with OWTS installations in the area, the use of OWTS's for wastewater service is acceptable. The soils in the area have historically supported the use of both conventional and professionally engineered OWTS's. 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 for each lot.**
- **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. Consider appropriate connections to other subdivisions and surrounding areas using sidewalks, and/or other established trails. Walkability features help to reduce obesity and associated heart diseases.**
- **The water quality basins must have mosquito control responsibilities included in the construction design and/or maintenance plan to help reduce mosquito breeding habitat and minimize the potential for West Nile Virus.**

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