



Prevent • Promote • Protect

Environmental Health Division
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TimberRidge Estates, SF-18-027

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

- Phase 1 is comprised of 10 residential lots that will be served water by individual private wells, and wastewater services by onsite wastewater treatment systems (OWTS).
- There is not a finding for sufficiency in terms of water quality for drinking water for Phase 1 due to the lack of an acceptable water quality sample. The sample report is required by El Paso County Public Health to determine water quality sufficiency of the aquifer intended for the proposed 10 individual private wells.
- The Entech Engineering, Inc., Soil, Geology and Geologic Hazard Study dated 12April2017, and revised 01Dec2017, for the 10, 2.5 acre+ lots was reviewed for the determination of suitability of the site for onsite wastewater treatment systems (OWTS) installations.
- The Entech Engineering, Inc., Soil, Geology and Geologic Hazard Study dated 12April2017 for the twelve 2.5+ acre lots was reviewed for determining the suitability of the 10-lot site located north of Arroyo Lane for OWTS installations. The report indicated no ground water was encountered in the soil profile test pit excavations, or in the percolation tests profile borings. However, the report did show the soil in the area does have a fluctuating level of bedrock known as the Dawson Formation. This formation is common throughout the northeastern part of El Paso County, and OWTS installations are possible. Professional engineer designs are likely for OWTS's in this area based on areas of shallow bedrock and some of the soil types identified in the report.
- Radon resistant construction 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.
- Earthmoving activity in excess of one acre, but less than twenty-five acres, requires a local Construction Activity Permit from El Paso County Public Health. Go to

<https://www.elpasocountyhealth.org/service/air-quality/construction-activity-application> for more information. Earthmoving activities greater than 25 acres require a Construction Activity Permit from the Colorado Department of Public Health and Environment, Air Pollution Control Division. Go to:
<https://www.colorado.gov/pacific/cdphe/general-air-permits>

- The storm water detention basin in Tract A must have mosquito control responsibilities included as a part of the construction design and maintenance plan to help control mosquito breeding habitat and minimize the potential for West Nile Virus.

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