



Prevent • Promote • Protect

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### **TimberRidge Estates, Phase 1, SF-18-027**

**Please accept the following revised 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 a 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.

Note: The 6 soil test pits and 3 percolation tests within the report did indicate that shallow ground water was not encountered. However, the report did show that a majority of the soil in the area does have a fluctuating level of bedrock known as the Dawson Formation. This formation is common throughout the northeastern portion of El Paso County, and OWTS installations are possible with proper design engineering. Based on the results of the soil tests and the Entech Engineering Inc., Soil, Geology and Geologic Hazard Study dated 12April2017, and revised 01Dec2017, and their OWTS summary, the installation of OWTS's for this development can be supported.

- 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, will require a Construction Activity Permit from El Paso County Public Health. Go to <http://www.elpasocountyhealth.org/service/air-quality> for more information. If the earthmoving activity is in excess of twenty-five acres at one time, then a Construction Activity Permit is required from Colorado Department of Public Health and Environment, Air Pollution Control Division.

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