



Prevent • Promote • Protect

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### **Winsome Flg. #1, SF-20-3**

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

- The proposed 766.66-acre, 143-residential lot and 1-commercial lot development will be served water by individual private wells, and wastewater service by onsite wastewater treatment systems (OWTS). The first phase proposed is for 47 residential lots on 163 acres.
- Water service for the development will be provided by individual private wells, and wastewater service will be provided by onsite wastewater treatment systems (OWTS). El Paso County Public Health has determined there is a finding for sufficiency in terms of water quality based on the 05Mar2019 sample results reported by Hazen Research, Inc., and the 21Feb2019, Colorado Analytical Laboratories, Inc. water quality report. However, future residents should be aware the sample result for radium was above the maximum contaminant limit (MCL) of the State of Colorado Primary Drinking Water Regulations. In addition, the sample result for manganese was above the secondary maximum contaminant limit (SMCL). Residents are encouraged to resample for both constituents, as a single sample result is not 100% indicative of source water contamination throughout the site. Radium and manganese, if found, can be removed with the installation of residential reverse osmosis (RO) units, or ion exchange water softeners.
- The Entech Engineering, Inc., Preliminary Soil, Geology, Geologic Hazard and Wastewater Study dated 02Oct2018 (revised 11Jan2019), for Winsome Subdivision was reviewed for the determination of suitability of the site for onsite wastewater treatment systems (OWTS) installations. There were ten soil test pits excavated in Phase 1 for the 47 proposed lots. This is following the required number of tests for the area.
- Note: The soil test pits within the report did indicate that ground water was not encountered; however, the report did show most of the soil in the area is not suitable for conventional onsite wastewater treatment systems and will require professional engineer designs.
- El Paso County Public Health encourages planned walkability of residential communities with sidewalks, walking paths, and bike trails to surrounding neighborhood parks, schools and commercial areas. Walk-ability features promote exercise, help reduce obesity and lower the risk of heart disease.

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- **Radon resistant construction building techniques/practices are encouraged in this area. The EPA has determined that Colorado, and specifically the El Paso County area, have higher radon levels than other areas of the country.**
- **Earthmoving activities 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>**
- **Water quality basins 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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