



Prevent • Promote • Protect

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### **Flying Horse North, Filing No. 5, SF-24-27**

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

- The proposed 21-lot (2.5 acre+ minimum lot size) rural residential development will be provided water from individual private wells. Wastewater treatment service is proposed to be by onsite wastewater treatment systems (OWTS).
- There is a finding for sufficiency in terms of water quality based on the test results submitted in 2018 for Phase 1. The analytical results submitted by Colorado Analytical in March 2018, complied with the water quality parameters required by El Paso County Public Health. Be advised that the results for fluoride were measured at 3.37 mg/L, and the maximum contaminate level (MCL) established by the EPA is 4.0 mg/L, which was not exceeded. No treatment measures are necessary, but future property owners should be advised to sample for fluoride.
- The 02October2024, Entech Engineering, Inc. Soils and Geology Study and the 11September2024 Entech Engineering Inc. Wastewater Study were reviewed to determine the feasibility of using onsite wastewater treatment systems (OWTS) for the development. The referenced reports support the use of OWTSs for this proposed development project. Review of the 4 existing (2016) soil percolation tests and the 11-soil profile test pit excavations all indicated that the majority of, if not all, OWTS's will require a Colorado Professional Engineer designs due to some areas of perched groundwater and varying layers of dense sandstone.
- All onsite wastewater treatment systems must comply with Chapter 8 of the El Paso County Board of Health Regulations. Each individual lot requires soil profile test pit excavations in the proposed soil treatment areas as part of the permitting process by El Paso County Public Health. Planning the location of house footprints, driveways, well locations, and primary and secondary soil treatment areas on each lot is critical. Dry gulches, ponds, and rolling terrain are other variables to consider during the development of each lot.
- Radon resistant building techniques/practices are encouraged to be used in this area. The EPA has determined that Colorado, and

specifically the El Paso County area, have potentially higher radon levels than other areas of the country.

- 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>
- El Paso County Public Health encourages planned walkability of residential communities. Please consider appropriate connections to commercial areas using sidewalks, and bike trails. Walkability features help in the effort to reduce obesity and associated heart diseases.

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