



Prevent • Promote • Protect

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Falcon Acres Final Plat, (Reconsideration), SF-22-3 (Second Revision)

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

- The 49.2-acre site, 8-residential lot, development project will be served water by individual private wells. The 01May2024, Colorado Analytical Laboratories, Inc., water quality sample results for a confined aquifer as outlined in 8.4.7.(B)(10)(a) of the Land Development Code were lacking several inorganic, secondary standards and radionuclides test results; therefore, there is a not a finding for sufficiency in terms of water quality for this development project. The following parameters are missing: Antimony, Arsenic, Barium, Beryllium Cadmium, Cyanide, Chromium, Mercury, Selenium, and Thallium; Secondary Contaminants: Aluminum, Silver, and Zinc.
- The Entech Engineering Inc., Soil, Geology and Geologic Hazard Study and the Wastewater Study Wastewater Study both dated 14Sept2022 were reviewed and included the required soil test pit excavations necessary for determining the property for onsite wastewater treatment systems (OWTS) suitability. Based on the soil test results the use of OWTS's is acceptable for the site. Shallow bedrock was encountered in the soil tests and professional engineer designed systems on the site are likely. Placement of the well and OWTS on most lots must be carefully planned due to the "No-Build, No-Storage Area" designations on the site, thereby influencing minimum OWTS/well installation setbacks.
- Radon resistant construction 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 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 other areas using sidewalks, and bike trails. Walkability features help reduce obesity and associated heart diseases.

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