



Prevent • Promote • Protect

Environmental Health Division  
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**Saddlehorn (824 Acre), SP-19-006, SF-19-012**

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

- **The proposed Saddlehorn development includes plans for 224 2.5-acre+ residential lots and 5 tracts of approximately 85 total acres. Plans include formation of a metropolitan district to be known as Saddlehorn Metropolitan District (SMD). The SMD will provide drinking water for the development. There are also plans for trails, mosquito control, and storm water management/maintenance within the district.**
- **The central water system planned for the development must comply with the design criteria, and the rules and regulations established by the Colorado Department of Public Health and Environment, Water Quality Control Division.**
- **There is a finding for sufficiency in terms of water quality based on acceptable sample results for the required water quality parameters tested at Hazen Research, Inc., Colorado Analytical Laboratories, Inc., and the Colorado Department of Public Health and Environment Laboratory.**
- **The use of onsite wastewater treatment systems (OWTS) is planned for the entire development. The Entech Engineering Soils, Geology, Geologic Hazards and Wastewater Study dated 29Apr2019, and the Entech 16July2019 Onsite Wastewater Study Addendum support the use of OWTS's in this area but recognize that 50% of the soil tests would require professional engineer designed systems verses conventional OWTS installations. The reasons for professional engineer designed OWTS's include areas with shallow layers of soil with poor permeability, weathered bedrock at 6' or less in depth, and shallow seasonally occurring groundwater (perched groundwater).**
- **The water quality basins proposed 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. Mosquito Control is included in the SMD Service Plan.**
- **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 walk-ability 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.
- 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.

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