



Prevent • Promote • Protect

Environmental Health Division
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Mariah Trail, Filing No. 1, SF-23-17

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

- The 35-acre, 6-lot residential development will be provided water services by private wells.
- There is a finding for sufficiency in terms of water quality for drinking water based on the test results reviewed with the submittal including the April 2023, Water Resources Report by RESPEC, the February 13, 2023, Colorado Analytical Laboratories Sample Results Report, and the April 2023, Hazen Research Inc. Sample Result Report. All water quality sample results were within the required standards.
- Onsite wastewater treatment systems (OWTS) are planned for wastewater service. The VIVID Engineering Group Geology and Soils Report dated 21March2023, and the RESPEC Wastewater Disposal Report dated April 2023 were reviewed to determine suitability of the site for OWTS installations.
- The above-mentioned soils reports did not provide soil test evaluations as required by the Land Development Code or El Paso County Public Health. Soil profile test pit excavations are required and only soil boring test results were submitted. Please submit a minimum of 2 soil profile test pit excavations for review for suitability of the site for OWTS use to be evaluated.
- 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 local Construction Activity Permit from El Paso County Public Health. Go to <http://www.elpasocountyhealth.org/service/air-quality> for information.
- El Paso County Public Health encourages planned walkability of residential communities. Please consider appropriate connections to commercial areas through the use of sidewalks, and bike trails. Walkability features help reduce obesity and associated heart diseases.

- **Water quality basins, if any, 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 encouraged to be a part of the metropolitan district service plan.**

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