



Prevent • Promote • Protect

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Meadowlake Industrial, SP-23-6

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

- **A finding for sufficiency in terms of well water quality for drinking water is required by El Paso County Public Health. Water quality sample results must be submitted for review and approval prior to submitting the project for Final Plat. The applicant has requested the finding for water quality sufficiency be withheld until prior to submittal for Final Plat. A central water system is proposed for the development by Meadow Lake Metropolitan District currently being formed.**
- **Two shared On-site wastewater treatment systems (OWTS) are planned for wastewater service for the development of the 29 lots. The RMG Engineers/Architects Soils and Geology Report and their Wastewater Study both dated July 24, 2023, were reviewed for the proposed development. The soil in the area supports the use of two shared OWTS's if wastewater flows are properly determined by professional OWTS design engineers and managed by Meadow Lake Metropolitan District which is currently being formed. It is suggested that Meadow Lake Metropolitan District assume maintenance responsibilities of the two OWTS's versus multiple owners.**

Wastewater flows for each OWTS cannot exceed 2,000 gallons per day without Colorado Department of Public Health and Environment, Water Quality Control Division, and Site Application process approvals. Care must be taken with meeting all El Paso County Public Health, Onsite Wastewater Treatment System Regulations. This is especially true with minimum setback compliance. Setbacks increase by 8 feet for each additional 100 gallons per day over design flows more than 1,000 gallons per day. The regulations require soil tests to be performed in the location of the proposed soil treatment area for each lot. The soil test results reported may or may not be in the final soil treatment areas; however, drastic fluctuations in soil conditions from those reported are not expected.

- **Radon resistant construction and 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.**
- **The 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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