

WASTEWATER DISPOSAL REPORT FOR THE VILLAS AT CLAREMONT RANCH

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Prepared for:

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WASTEWATER DISPOSAL REPORT FOR THE VILLAS AT CLAREMONT RANCH

A. Summary of the Proposed Subdivision:

The Villas at Claremont Ranch Lincoln Commons is a 10.73-acre subdivision within a portion of the southwest quarter of section 4 and northwest quarter of section 9, Township 14 south, Range 65 west of the 6th P.M. in El Paso County, Colorado. The site is located at the northeast corner of the intersection of Marksheffel Road and Meadowbrook Parkway. Proposed development includes 83 single family residential townhome units.

This site lies within the Cherokee Metropolitan District service area. Water and wastewater service are to be provided by Cherokee Metropolitan District.

The parcel is a replat of Tract 'A' and Tract "G" previously studied in the "Master Water Resources Report and Wastewater Report" for Claremont Ranch Filing 7 &8", prepared by Matrix Design Group.

B. WASTEWATER SERVICE:

Wastewater flows for the Villas at Claremont Ranch subdivision are based on established benchmarks of the average daily flow of 163 gallons per day per SFE and 172 gallons per day per SFE for the average daily-maximum month flow.

$$83 \text{ SFE} \times 163 \text{ GPD} = 13,529 \text{ GPD average daily flow}$$

Wastewater collection and treatment is to be provided by Cherokee Metropolitan District. The subdivision is within the district service boundary. The proposed site will install on-site infrastructure in accordance with District rules and regulations. Outfall from the subdivision will tie to an existing district manhole located within the northern portion of the site and be conveyed through district facilities to treatment plant. The development will be required to install gravity sewer facilities in accordance with WHMD standards.