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El Paso County Attorney
200 South Cascade Avenue, Suite 150
Colorado Springs, CO 80903

Re: Atwood Minor Development – Indoor Use Volumes

To Whom it May Concern:

The following provides the justification as to why the proposed 0.2285 acre-feet annually of indoor use is appropriate and adequate for the Atwood Minor Development.

The Applicants only have a limited amount of Denver Basin groundwater available for the two proposed wells and have therefore reduced the augmentation plan accordingly. The State Engineer accepts that, conservatively, a single-family home will use 0.2 acre-feet annually, which is what the claimed return flows in Case No. 22CW30 are based on. Our claim of adequacy for our volume of in-house use is appropriate based on information from the Town of Castle Rock (“Castle Rock”) and Colorado State University (“CSU”).

According to Castle Rock’s water conservation website, an average single-family home uses 4,000 gallons of water for indoor use per month. This equates to 48,000 gallons per year, or 0.147 acre-feet annually. Further, information from the Colorado State University, Colorado Water Institute, shows that most Colorado residents use approximately 170 gallons of water per day for indoor use, which equates to 62,050 gallons per year, or 0.19 acre-feet annually. Therefore, our annual limit of 0.2285 acre-feet, for indoor use only, is more than adequate based off this data.

Water Supply Sufficiency

The amount of groundwater in the NNT Denver Aquifer is sufficient to provide indoor use for 300 years on the Atwood Minor Development.

If you have any questions or comments, please feel free to call.

Sincerely,

HAYES POZNANOVIC KORVER, LLC



Eric K. Trout