



May 10, 2019

El Paso County
County Attorney's Office
200 S. Cascade Avenue, Suite 150
Colorado Springs, CO 80903

Attn: Mr. Cole Emmons, Esq.
Assistant County Attorney

Re: Water Supply for Hadden Heights No. 2
Project No. 61126

Dear Mr. Emmons:

The following describes the water supply to serve the one (1) residential lot of the proposed subdivision to be known as "Hadden Heights No. 2", located in the Southeast Quarter of Section 13, Township 13 South, Range 65 West of the 6th P.M., El Paso County, Colorado having El Paso County Tax Schedule No. 53130-01-010 with address of 11480 Eggar Drive. The area of the proposed subdivision/lot is 5.105± acres. This letter is based on three Colorado Ground Water Commission Findings and Order documents: Determination No. 3638-BD (Rec. No. 219016592), Determination No. 3639-BD (Rec. No. 219016593), and Determination No. 3640-BD (Rec. No. 219016594). Also, a new well permit (Well Permit No. 8290-F) has been issued by the Colorado Division of Water Resources to replace the previous permit no. 191102 for the existing well on the property.

Amounts Determined and Available

The determined amounts from the Laramie-Fox Hills aquifer is non-tributary groundwater. The determined amounts from the Arapahoe aquifer is not non-tributary groundwater. The determined amounts from the Denver aquifer is not non-tributary groundwater. The determined total amounts are listed below for each aquifer and the following annual amounts listed are based on withdrawals over a 300 year period.

<u>Aquifer</u>	<u>Total Amount</u>	<u>Annual Amount</u>
Laramie-Fox Hills	153 Ac-Ft (NT)	0.51 Ac-Ft/year over 300 years
Arapahoe	195 Ac-Ft (NNT)	0.65 Ac-Ft/year over 300 years
Denver	216 Ac-Ft (NNT)	1.00 Ac-Ft/year over the first 216 years

Engineers • Surveyors
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Water Supply

The one (1) residential lot will be served by an existing individual not non-tributary Denver aquifer well permitted under Permit No. 82920-F. The Denver aquifer Determination and Well Permit allows the withdrawal of up to 1.00 Ac-Ft of water, up to a total of 216 Ac-Ft. The existing Denver aquifer well may operate up to 216 year at the above rate. Additional wells into the Laramie-Fox Hills and Arapahoe aquifers will be constructed to withdraw the total 1.00 acre-feet per year at the completion of the Denver aquifer use. The referenced Determinations allow for the withdrawal of up to 1.53 Ac-Ft per year from the Laramie-Fox Hills, 1.95 Ac-Ft per year from the Arapahoe, and 2.16 Act-Ft per year from the Denver. The owner intends to withdraw a total of 1.00 Ac-Ft per year from either individual or combined sources to be used for the following approved uses:

Domestic, Irrigation of Lawn and Garden, Greenhouse Irrigation, Vehicle and Structure Washing, Stock Watering and Replacement with undetermined amounts for each use.

The water supply for the one (1) residential lot using wells pursuant to the referenced Groundwater Determinations and issued Well Permit is sufficient and satisfies the 300 year supply requirement of El Paso County.

Very truly yours,

M.V.E., Inc.



David R. Gorman, P.E.

DRG:cwg

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