



July 2, 2019

Gabe Sevigny  
El Paso County Development Services Department  
[DSDcomments@elpasoco.com](mailto:DSDcomments@elpasoco.com)

RE: 3050 Curtis Road 4 Lot Minor Subdivision (AKA Wyoming Estates Minor Subdivision)  
SE ¼ of the NE ¼, Section 33, T13S, R64W, 6<sup>th</sup> P.M.  
Water Division 2, Water District 10  
Upper Black Squirrel Creek Designated Basin

Dear Mr. Gabe Sevigny:

We have reviewed your June 18, 2019 submittal concerning the above referenced proposal to subdivide 40 acres into 4 residential lots.

#### **Water Supply Demand**

According to the Water Supply Information Summary sheet provided with the submittal, the total estimated water requirement for the minor subdivision is 1.92 acre-feet/year (0.48 acre-feet per lot), for household use in one single family dwelling, irrigation of 3,600 square feet , and watering of four head of stock per lot.

#### **Source of Water Supply**

According to the Water Supply Letter dated May 23, 2019 by Julia Murphy of GroundWater Investigations, LLC, the source of water for the subdivision could be from either the Denver aquifer or the Arapahoe aquifer using individual on lot wells operating pursuant to the either Determination of Water Right nos. 3542-BD (Denver) or 3541-BD (Arapahoe). Determination of Water Right no. 3542-BD requires a replacement plan to be approved by the Ground Water Commission prior to the withdrawal of ground water from the Denver aquifer pursuant to that Determination. The Water Supply Information Summary Sheet indicates there is a pending replacement plan for the Denver aquifer; however, a review of our records did not find a pending application for a replacement plan for Determination of Water Right No. 3542-BD.

#### **State Engineer's Office Opinion**

Based upon the above and pursuant to Section 30-28-136(1)(h)(II), C.R.S., it is our opinion that the proposed water supply is not adequate and cannot be provided without causing injury to decreed water rights.

In order to obtain a favorable opinion from this office on the proposed water supply to the subdivision, the following additional information is required:



1. The applicant must specify if wells will be constructed in the Denver aquifer or the Arapahoe aquifer.
2. Should wells be constructed in the Denver aquifer, prior approval from the Ground Water Commission of a replacement plan must be obtained for the withdrawal of the not-nontributary ground water of 3542-BD.

If you, or the applicant, have any questions, please contact Ailis Thyne at 303-866-3581 ext. 8216.

Sincerely,



Keith Vander Horst  
Chief of Water Supply, Designated Basins

Cc: Division 2  
3050 Curtis Road 4 Lot Minor Subdivision.docx  
Project no. 26557