

# WATER SUPPLY INFORMATION SUMMARY

Section 30-28-133(d), C.R.S. requires that the applicant submit to the County, "Adequate evidence that a water supply that is sufficient in terms of quantity, quality and dependability will be available to ensure an adequate supply of water."

1. NAME OF DEVELOPMENT AS PROPOSED <u>Dancing Wolf Estates IV (PUD)</u>			
2. LAND USE ACTION <u>PUD Amendment</u>			
3. NAME OF EXISTING PARCEL AS RECORDED <u>Dancing Wolf Estates PUD</u>			
SUBDIVISION <u>Dancing Wolf Estates</u>		FILING <u>IV</u>	LOT
4. TOTAL ACREAGE <u>21.32</u>	5. NUMBER OF LOTS PROPOSED <u>7</u>		PLAT MAP ENCLOSED <input checked="" type="checkbox"/> YES
6. PARCEL HISTORY - Please attach copies of deeds, plats or other evidence or documentation. <u>See plat map</u>			
A. Was parcel recorded with county prior to June 1, 1972? <input type="checkbox"/> YES <input type="checkbox"/> NO			
B. Has the parcel ever been part of a division of land action since June 1, 1972? <input type="checkbox"/> YES <input type="checkbox"/> NO			
If yes, describe the previous action _____			
7. LOCATION OF PARCEL - Include a map delineating the project area and tie to a section corner.			
<u>SE</u> 1/4 OF <u>SE</u> 1/4 SECTION <u>22</u> TOWNSHIP <u>11</u> <input type="checkbox"/> N <input checked="" type="checkbox"/> S RANGE <u>66</u> <input type="checkbox"/> E <input checked="" type="checkbox"/> W			
PRINCIPAL MERIDIAN: <input checked="" type="checkbox"/> 6TH <input type="checkbox"/> N.M. <input type="checkbox"/> UTE <input type="checkbox"/> COSTILLA			
8. PLAT - Location of all wells on property must be plotted and permit numbers provided. (wells noted as *)			
Surveyors plat <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If not, scaled hand drawn sketch <input type="checkbox"/> Yes <input type="checkbox"/> No			
9. ESTIMATED WATER REQUIREMENTS - Gallons per Day or Acre Foot per Year		10. WATER SUPPLY SOURCE <u>Domestic Wells</u>	
Please see attached:		<input checked="" type="checkbox"/> EXISTING WELLS <input type="checkbox"/> DEVELOPED SPRING	
HOUSEHOLD USE # _____ of units _____ GPD _____ AF		WELL PERMIT NUMBERS	
COMMERCIAL USE # _____ of S.F. _____ GPD _____ AF		<u>46995-F 050391-F</u>	
IRRIGATION # _____ of acres _____ GPD _____ AF		<u>52988-F (These are</u>	
STOCK WATERING # _____ of head _____ GPD _____ AF		<u>60477-F all the wells</u>	
OTHER _____ GPD _____ AF		<u>78470-F in Dancing</u>	
TOTAL _____ GPD _____ AF		<u>Wolf Estates</u>	
		<u>all filings</u>	
		<input type="checkbox"/> MUNICIPAL <input type="checkbox"/> ASSOCIATION <input type="checkbox"/> COMPANY <input type="checkbox"/> DISTRICT	
		NAME _____	
		LETTER OF COMMITMENT FOR SERVICE <input type="checkbox"/> YES <input type="checkbox"/> NO	
		PROPOSED ACQUIERS - (CHECK ONE)	
		<input type="checkbox"/> ALLIANCE <input type="checkbox"/> UPPER ARAPAHOE <input type="checkbox"/> LOWER ARAPAHOE <input type="checkbox"/> LARAMIE FOX HILLS <input type="checkbox"/> DAKOTA	
		WATER COURT DECREE CASE NO.'S	
		<u>94CW198</u>	
		<u>99CW065</u>	
11. ENGINEER'S WATER SUPPLY REPORT <input type="checkbox"/> YES <input type="checkbox"/> NO IF YES, PLEASE FORWARD WITH THIS FORM. (This may be required before our review is completed)			
<u>... and augmentation plans in place</u>			
12. TYPE OF SEWAGE DISPOSAL SYSTEM <u>Individual Septic</u>			
<input checked="" type="checkbox"/> SEPTIC TANK/LEACH FIELD		<input type="checkbox"/> CENTRAL SYSTEM - DISTRICT NAME _____	
<input type="checkbox"/> LAGOON		<input type="checkbox"/> VAULT - LOCATION SEWAGE HAULED TO _____	
<input type="checkbox"/> ENGINEERED SYSTEM (Attach a copy of engineering design)		<input type="checkbox"/> OTHER _____	

David & Alyce McElhoes 719-337-8124

## Water Requirements for Dancing Wolf Estates ALL FILINGS

### Dawson Wells

Household Use	7 # of units	-	GPD	1.89 AF
Commercial Use	0 # of SF	-	GPD	0 AF
Irrigation	24500 # of SF	-	GPD	1.61 AF
Stock Watering	21-28 large animals	-	GPD	0.49 AF
Other	0	-	GPD	0 AF
Total				3.99

\*Case No 94CW198 allows for 7 Dawson wells at .57 acre feet each per year: This is .27 ac ft for in house use, .23 ac ft for irrigation or ~3,500 sf, .07 ac ft for stock watering each.

### Denver Wells

Household Use	2 # of units	-	GPD	0.7 AF
Commercial Use	14,000 # of SF	-	GPD	1.56 AF
Irrigation	4800 # of SF	-	GPD	0.34 AF
Stock Watering	0 large animals	-	GPD	0.1 AF
Other	0	-	GPD	0 AF
Total				2.7

\*Case No 99CW065 allows for 3 domestic Denver wells at .98 acre feet each per year: This is .3 ac ft for in house use, .6 ac ft for irrigation or ~10,000 sf, and .26 acre feet for one parcel for filling of a swimming pool. The case allows for an additional amount of 2.3 acre feet per year for commercial use.

All numbers and notes are based on a 300 year supply



# Petrock & Fendel, P.C.

Attorneys

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Gary J. Crosby, Paralegal

January 18, 2018

David and Alyce McElhoses  
16605 Dancing Wolf Way  
Colorado Springs, Colorado 80908

Re: Proposed Water Supply/Additional Lots in Dancing Wolf Estates

Dear David and Alyce:

The following describes the water supply to serve additional lots in Dancing Wolf Estates. Specifically, Lot 2, Dancing Wolf Estates, and Lot 2, Dancing Wolf Estates III, will each be split into two residential lots, and Lot 1, Dancing Wolf Estates will be split into two commercial lots. This letter is based on Case No. 99CW065 and does not provide information of the actual physical supply available.

## DEMAND

The estimated annual demand for each residential lot is 0.57 acre-feet per year for 300 years, which will be used for in house use (0.35 acre-feet), irrigation of 2400 square-feet of irrigated area (0.17 acre-feet), and stockwatering of up to 4 large domestic animals (0.05 acre-feet). The two commercial lots will have approximately 14,000 square-feet of commercial space which requires approximately 1.56 acre-feet per year for 300 years, based on the El Paso County value of 0.1 gallons per day for each square foot of space.

## SUPPLY

One of the split lots on both Lot 2, Dancing Wolf Estates, and Lot 2, Dancing Wolf Estates III, will continue to be served by an existing Dawson aquifer well as permitted in Well Permit No. 78470-F and 60477-F, respectively. Each permit is issued for the annual withdrawal of 0.57 acre-feet per year for 300 years.

The remaining residential and commercial lots will be served using Denver aquifer wells as decreed in Case No. 99CW065. The decree allows annual withdrawals of 5.26 acre-feet per year for 300 years for domestic use in three residences (2.96 acre-feet per year), and commercial use (2.3 acre-feet per year).

For purposes of this letter, the second residential lots on both Lot 2, Dancing Wolf Estates, and Lot 2, Dancing Wolf Estates III, will be served by Denver aquifer wells pursuant to Case No. 99CW065. Each well will be permitted for 0.57 acre-feet per year for 300 years for the same uses described above. Said demand is less than the annual amount allowed to be used for residential use in Case No. 99CW065.

The two commercial lots will also be served by a Denver aquifer well(s) pursuant to Case No. 99CW065 for the demand described above. Said demand is also less than the annual amount allowed to be used for commercial use in Case No. 99CW065.

USE OF DAWSON AQUIFER GROUNDWATER

In the alternative, Applicants may complete a new augmentation plan for use of additional amounts of Dawson aquifer groundwater to meet the demand for the two additional residential lots and the two commercial lots. It is understood that the State cannot approve use of the Dawson aquifer water until an augmentation plan to allow such use has been approved by the Water Court. However, Applicants reserve the right to substitute use of the Dawson aquifer groundwater at such time that an augmentation plan has been approved by the Water Court.

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

Sincerely,  
PETROCK & FENDEL, P.C.



James J. Petrock