

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 <p style="text-align: center; font-size: 1.2em;">Walker Reserve</p>			
2. LAND USE ACTION <p style="text-align: center; font-size: 1.2em;">Minor Subdivision</p>			
3. NAME OF EXISTING PARCEL AS RECORDED <p style="text-align: center; font-size: 1.2em;">NE 1/4 SW 1/4, Sec 11, T11S, R66W, 6th PM</p>			
SUBDIVISION	FILING	BLOCK	LOT
4. TOTAL ACREAGE <u>40.56</u>	5. NUMBER OF LOTS PROPOSED <u>3</u>	PLAT MAP ENCLOSED <input checked="" type="checkbox"/> YES	
6. PARCEL HISTORY - Please attach copies of deeds, plats or other evidence or documentation.			
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 checked="" 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.			
<p style="font-size: 1.2em;">NE 1/4 OF SW 1/4 SECTION <u>11</u> TOWNSHIP <u>11S</u> <input type="checkbox"/> N <input checked="" type="checkbox"/> S RANGE <u>66W</u> <input type="checkbox"/> E <input checked="" type="checkbox"/> W</p>			
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. 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 Feet per Year		10. WATER SUPPLY SOURCE	
HOUSEHOLD USE # _____ of units _____ GPD _____ AF		<input type="checkbox"/> EXISTING WELLS	<input type="checkbox"/> DEVELOPED SPRING
COMMERCIAL USE # _____ of S.F. _____ GPD _____ AF		WELL PERMIT NUMBERS _____	
IRRIGATION # _____ of acres _____ GPD _____ AF		_____	
STOCK WATERING # _____ of head _____ GPD _____ AF		_____	
OTHER _____ GPD _____ AF		<input type="checkbox"/> MUNICIPAL	
TOTAL _____ GPD _____ AF		<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 AQUIFERS - (CHECK ONE)	
		<input type="checkbox"/> ALLUVIAL <input type="checkbox"/> UPPER ARAPAHOE	
		<input type="checkbox"/> UPPER DAWSON <input type="checkbox"/> LOWER ARAPAHOE	
		<input type="checkbox"/> LOWER DAWSON <input type="checkbox"/> LARAMIE FOX HILLS	
		<input type="checkbox"/> DENVER <input type="checkbox"/> DAKOTA	
		<input type="checkbox"/> OTHER _____	
		WATER COURT DECREE CASE NO.'S _____	

11. ENGINEER'S WATER SUPPLY REPORT <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, PLEASE FORWARD WITH THIS FORM. (This may be required before our review is completed.)			
12. TYPE OF SEWAGE DISPOSAL SYSTEM			
<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 _____	

Petrock & Fendel, P.C.

Attorneys

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Gary J. Crosby, Paralegal

January 17, 2018

El Paso County Planning
2880 International Circle, #110
Colorado Springs, CO 80910

Re: Proposed Water Supply/Three Residential Lots on 40 Acres/3980 Walker Road/Scott and Susan Mikulecky

Dear Sir or Madam:

The following provides information on the water supply to serve three residential lots on the captioned parcel being the NE1/4SW1/4 of Section 11, T11S, R66W of the 6th P.M. (Subject Property). This letter is based on amounts of Denver Basin groundwater underlying the Subject Property as referenced in the Denver Basin Rules, and provides no opinion on the actual physical supply of groundwater available.

ANNUAL AMOUNTS

The following annual amounts of groundwater are estimated to be available underlying the Subject Property based on annual pumping over a 100 year period. The Dawson aquifer groundwater is not nontributary and the Denver, Arapahoe, and Laramie-Fox Hills aquifer groundwater is nontributary.

<u>Aquifer</u>	<u>Annual Amount</u>
Dawson	35 acre-feet (NNT)
Denver	35 acre-feet (NT)
Arapahoe	17 acre-feet (NT)
Laramie-Fox Hills	13 acre-feet (NT)

PROPOSED SUPPLY

For purposes of this letter, each lot will be served by an individual well into the nontributary Denver aquifer. Each of the three wells will withdraw 0.75 acre-feet per year for 300 years for the following uses:

- A. Inhouse Demand: 0.35 acre-feet per year.
- B. Irrigation Demand: 0.35 acre-feet per year limited to irrigation of 6000 square feet of home lawn, garden and trees.

- C. Stockwatering Demand: 0.05 acre-feet per year for watering of 4 large domestic animals.

Total demand for the three lots will be 2.25 acre-feet per year for each 100 year period (225 acre-feet total) and 675 acre-feet total.

USE OF DAWSON AQUIFER WATER

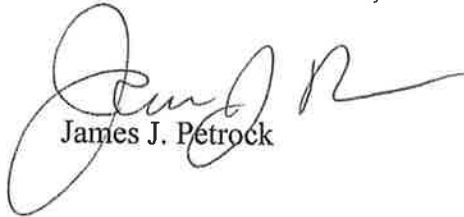
There is an existing Dawson aquifer well located on the Subject Property (Permit No. 174104) which can continue to be used to serve one lot for the same amount and uses described above. There is also sufficient Dawson aquifer groundwater available to provide the same amount and uses described above for two Dawson aquifer wells to serve the remaining two lots. It is understood that the State cannot approve use of the Dawson aquifer groundwater (through the existing well and two additional wells) until an augmentation plan to allow that use has been approved by the Water Court. Such a case is pending, and Applicant reserves the right to use Dawson aquifer wells to serve the three lots at such time that the case has been approved by the Water Court.

WATER SUPPLY SUFFICIENCY

The amount of groundwater in the nontributary Denver aquifer underlying the Subject Property is sufficient to provide in house, irrigation, and stock watering use to serve the three lots on the Subject Property as described above, and subject to use of Dawson aquifer groundwater when the pending augmentation plan is completed.

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

Sincerely,
PETROCK & FENDEL, P.C.



James J. Petrock

JJP:gjc