

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 <div style="text-align: center; font-size: 1.2em;"><u>GRANT SUBDIVISION</u></div>			
2. LAND USE ACTION			
3. NAME OF EXISTING PARCEL AS RECORDED			
SUBDIVISION	FILING	BLOCK	LOT
4. TOTAL ACREAGE <u>41</u>	5. NUMBER OF LOTS PROPOSED <u>2</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 checked="" 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.			
<u>SW</u> 1/4 OF <u>NE</u> 1/4 SECTION <u>22</u> TOWNSHIP <u>125</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"/> GTH <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 foot per Year		10. WATER SUPPLY SOURCE	
HOUSEHOLD USE # <u>2</u> of units <u>15</u> GPD <u>2 total</u> AF COMMERCIAL USE # _____ of S.F. _____ GPD _____ AF IRRIGATION # <u>10,500</u> of acres <u>10,500</u> GPD <u>1 at per lot</u> AF STOCK WATERING # <u>4</u> of head _____ GPD _____ AF OTHER _____ GPD _____ AF TOTAL _____ GPD <u>2</u> AF * See attached letter		<input checked="" type="checkbox"/> EXISTING WELLS <input type="checkbox"/> DEVELOPED SPRING WELL PERMIT NUMBERS <u>81317-F</u> <input type="checkbox"/> NEW WELLS - PROPOSED AQUIFERS - (CHECK ONE) <input type="checkbox"/> ALLUVIAL <input type="checkbox"/> UPPER ARAPAHOE <input checked="" type="checkbox"/> LOWER 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 1 new well per Decree WATER COURT DECREE CASE NO.'S <u>Consolidated</u> <u>16 CW 306B &</u> <u>16 CW 3128</u>	
11. ENGINEER'S WATER SUPPLY REPORT <input type="checkbox"/> YES <input checked="" 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

James J. Petrock • Frederick A. Fendel, III • Matthew S. Poznanovic • Bradford R. Benning

Gary J. Crosby, Paralegal

September 8, 2017

Clive and Karen Grant Revocable Trust
1315 Walsen Road
Colorado Springs, CO 80921

Re: Revised Water Supply for Two Residential Lots on 40 Acres

Dear Clive and Karen:

The following revises our letter dated June 7, 2017, and describes the revised water supply to serve 2 residential lots on 40 acres being the SW1/4NE1/4 of Section 5, T12S, R66W of the 6th P.M., El Paso County (Subject Property). This letter is based on the final decree entered on August 25, 2017, in Consolidated Case Nos. 16CW3066, Water Division 2, and 16CW3128, Water Division 1 (Decree) (copy attached).

ANNUAL AMOUNTS AVAILABLE

The following annual amounts of groundwater are decreed underlying the Subject Property, and are based on annual withdrawals over a 100 year period (One acre-foot is 325,851 gallons):

<u>Aquifer</u>	<u>Annual Amount</u>
Dawson	6.0 acre-feet (NNT)
Denver	15.0 acre-feet (NNT)
Arapahoe	16.3 acre-feet (NNT)
Laramie-Fox Hills	11.1 acre-feet (NT)

WATER SUPPLY FOR LOTS

The Decree approves a plan for augmentation for the use of 2 acre-feet per year for 300 years of not nontributary Dawson aquifer groundwater to be withdrawn through 2 individual wells, including continued use of an existing Dawson aquifer well, which has been re-permitted in Permit No. 81317-F (copy attached) to operate under the plan for augmentation. Each well will use 1 acre-foot per year for 300 years for the following uses:

- A. Inhouse Demand: 0.35 acre-feet per year
- B. Irrigation Demand: 0.6 acre-feet per year for
irrigation of 10,500 square feet of
lawn, garden and trees.

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

WATER SUPPLY SUFFICIENCY

Pursuant to the terms and conditions of the Decree as described above, there is sufficient Dawson aquifer groundwater to serve the 2 lots for 300 years.

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

Sincerely,

A handwritten signature in blue ink that reads "James J. Petrock" with a stylized flourish at the end.

James J. Petrock

JJP:gjc



COLORADO

Division of Water Resources

Department of Natural Resources

WELL PERMIT NUMBER 81317-F

RECEIPT NUMBER 3681429

ORIGINAL PERMIT APPLICANT(S)

CLIVE & KAREN GRANT REVOCABLE TRUST

APPROVED WELL LOCATION

Water Division: 2 Water District: 10
Designated Basin: N/A
Management District: N/A
County: EL PASO
Parcel Name: N/A

AUTHORIZED AGENT

PETROCK & FENDEL (CROSBY, GARY)

SW 1/4 NE 1/4 Section 5 Township 12.0 S Range 66.0 W Sixth P.M.

UTM COORDINATES (Meters, Zone:13, NAD83)

Easting: 517119.0 Northing: 4320891.0

PERMIT TO CHANGE OR INCREASE USE

ISSUANCE OF THIS PERMIT DOES NOT CONFER A WATER RIGHT

CONDITIONS OF APPROVAL

- 1) This well shall be used in such a way as to cause no material injury to existing water rights. The issuance of this permit does not ensure that no injury will occur to another vested water right or preclude another owner of a vested water right from seeking relief in a civil court action.
- 2) The construction of this well shall be in compliance with the Water Well Construction Rules 2 CCR 402-2, unless approval of a variance has been granted by the State Board of Examiners of Water Well Construction and Pump Installation Contractors in accordance with Rule 18.
- 3) Approved pursuant to CRS 37-90-137(4), for the change/expansion of use of an existing well constructed under permit no. 69076, on the condition that this well is operated in accordance with the augmentation plan approved by the Division 2 Water Court in Case No. 16CW3066 and Division 1 Water Court in Case No. 16CW3128. If the well is not operated in accordance with the terms of said decree, it will be subject to administration including orders to cease diverting water.
- 4) The issuance of this permit hereby cancels permit no. 69076.
- 5) The use of ground water from this well is limited to in house use, the irrigation of 10,500 square feet of lawn, garden, and trees, and the stockwatering of up to four (4) large domestic animals.
- 6) The pumping rate of this well shall not exceed 15 GPM.
- 7) The annual amount of ground water to be withdrawn shall not exceed 1.0 acre-feet.
- 8) Production is limited to the Dawson aquifer.
- 9) The return flow from the use of this well must be through an individual waste water disposal system of the non-evaporative type where the water is returned to the same stream system in which the well is located.
- 10) The owner shall mark the well in a conspicuous location with well permit number(s), name of the aquifer, and court case number(s) as appropriate. The owner shall take necessary means and precautions to preserve these markings.
- 11) The entire length of the hole shall be geophysically logged as required by Rule 9 of the Statewide Nontributary Ground Water Rules.
- 12) A totalizing flow meter must be installed on this well and maintained in good working order. Permanent records of all diversions must be maintained by the well owner (recorded at least annually) and submitted to the Division Engineer upon request.
- 13) This well is subject to administration by the Division Engineer in accordance with applicable decrees, statutes, rules, and regulations.
- 14) This well shall be located not more than 200 feet from the location specified on this permit.

NOTE: The ability of this well to withdraw its authorized amount of water from this non-renewable aquifer may be less than the 300 years upon which the amount of water in the aquifer is allocated, due to anticipated water level declines.

NOTICE: This permit has been approved subject to the following changes: The UTM coordinate values were calculated from the distances from section lines provided with the permit application. You are hereby notified that you have the right to appeal the issuance of this permit, by filing a written request with this office within sixty (60) days of the date of issuance, pursuant to the State Administrative Procedures Act. (See Section 24-4-104 through 106, C.R.S.)

WELL PERMIT NUMBER 81317-F

RECEIPT NUMBER 3681429



Issued By AILIS THYNE

Date Issued: 9/7/2017

Expiration Date: N/A