



Resource Engineering, Inc.
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Memorandum

To: BWCD BOARD OF DIRECTORS
From: ERIC MANGEOT *EM*
CC: CHRIS GEIGER
Date: APRIL 20, 2023
File: AMENDMENT – CONTRACT 115

Applicant Name: Joseph and Casey White

Type of Use: Domestic X Commercial
Industrial Agricultural

Amount: 1.0 AF 0.067 cfs 30 gpm (previous contract amount 1.0 AF)

Location: Area A A-2 Area B Inclusion
County: EAGLE Contiguous:
BWCD Division: 7

Mid Valley Metro District Notice Required? Yes No X

Blue Creek Water Rights Applied? Yes No X

02CW77 Umbrella Plan Water Rights Applied? Yes X No **Cost:** \$1,200 (previously paid)

This application is to cover depletions associated with a property owned by Joseph and Casey White (Applicants). Uses included 2 single family dwellings, a home office, 17,500 square feet of irrigation, and 2 livestock. Total contract depletions are 1.0 acre-feet (AF) as shown on the attached table.

The contract will be associated with Lot 5 of the Castle View Subdivision (106 Castle View Drive) that is located east of the Town of Basalt. The property is approximately 4.57 acres located in the SE1/4 of Section 2, Township 8 South, Range 86 West of the 6th P.M. The property was previously included into Division 7 of the District. A BWCD map is also attached showing the location of the property.

The source of supply is a proposed well to be located within the property boundary. The well location is currently unknown; however, it will be in the SE1/4 of Section 2, Township 8 South, Range 86 West of the 6th P.M. at point approximately UTM NAD83 Z13 331186m E, 4361022m N. The Applicants will provide the District a copy of the well permit before the contract will be considered active.

Water User :	Joseph and Casey White	
Analysis Date :	April 20, 2023	
District Area:	A-2	
Source Series:	2	
Maximum Demand:	15	0.033
	(GPM)	(CFS)

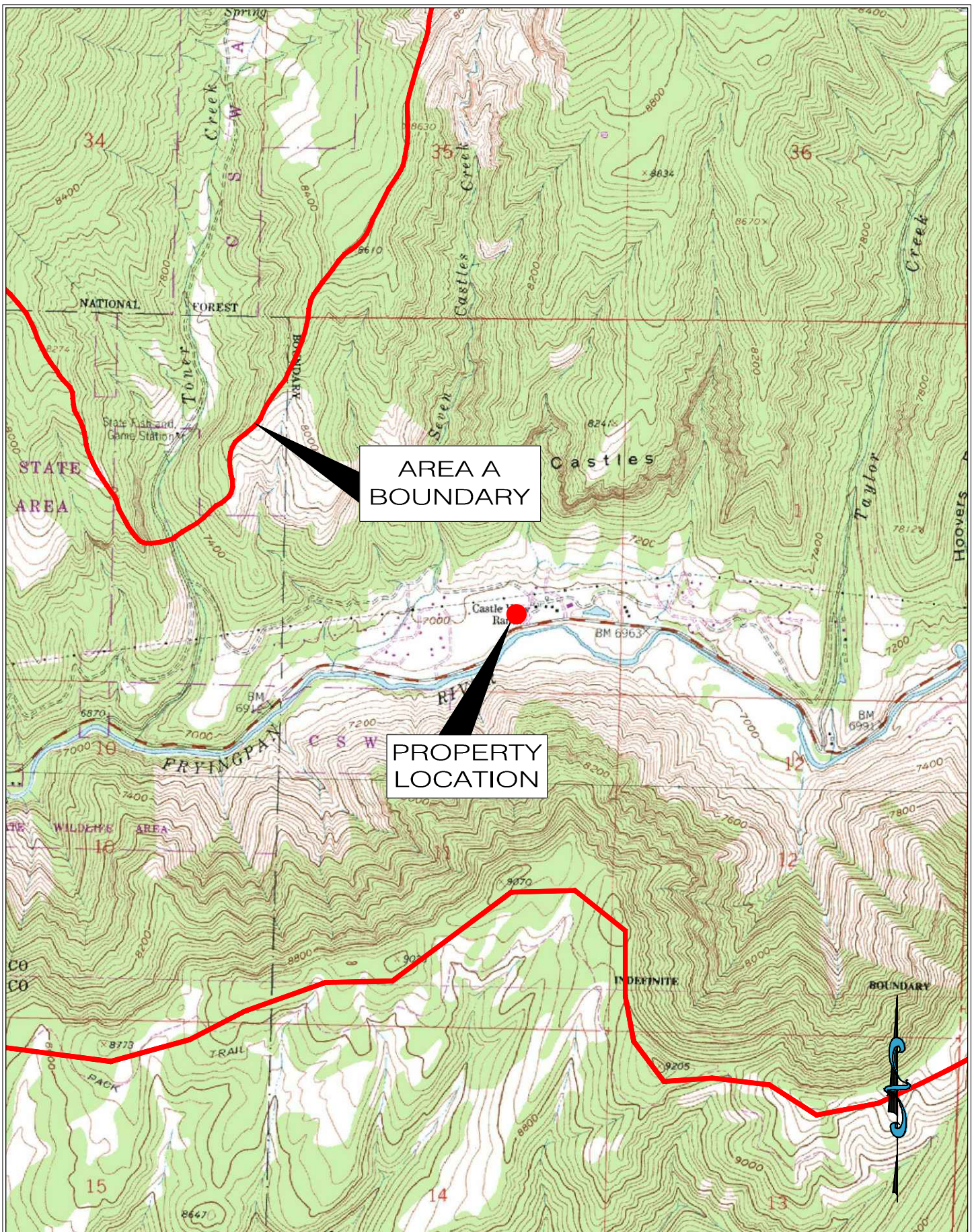
BASALT WATER CONSERVANCY DISTRICT
WATER REQUIREMENTS
 (acre feet)
Contract 115 Amendment

Month	Total Demand						Consumptive Use						(13)* Delayed Depletions	(14) Source of Aug/Replace
	(1) Domestic In-house	(2) Pond Evap.	(3) Lawn Irrigation	(4) Crop Irrigation	(5) Livestock	(6) TOTAL	(7) Domestic In-house	(8) Pond Evap.	(9) Lawn Irrigation	(10) Crop Irrigation	(11) Livestock	(12)* TOTAL		
January	0.067	0.000	0.000	0.000	0.002	0.069	0.010	0.000	0.000	0.000	0.002	0.013	0.055	RUE
February	0.060	0.000	0.000	0.000	0.002	0.062	0.009	0.000	0.000	0.000	0.002	0.011	0.053	RUE
March	0.067	0.000	0.000	0.000	0.002	0.069	0.010	0.000	0.000	0.000	0.002	0.013	0.052	RUE
April	0.064	0.000	0.017	0.000	0.002	0.083	0.010	0.000	0.013	0.000	0.002	0.026	0.057	RUE
May	0.067	0.000	0.180	0.000	0.002	0.249	0.010	0.000	0.144	0.000	0.002	0.165	0.079	TED
June	0.064	0.000	0.235	0.000	0.002	0.302	0.010	0.000	0.188	0.000	0.002	0.211	0.105	TED
July	0.067	0.000	0.220	0.000	0.002	0.289	0.010	0.000	0.176	0.000	0.002	0.198	0.115	TED
August	0.067	0.000	0.131	0.000	0.002	0.199	0.010	0.000	0.104	0.000	0.002	0.123	0.108	TED
September	0.064	0.000	0.120	0.000	0.002	0.186	0.010	0.000	0.096	0.000	0.002	0.113	0.099	TED
October	0.067	0.000	0.030	0.000	0.002	0.099	0.010	0.000	0.024	0.000	0.002	0.038	0.084	RUE
November	0.064	0.000	0.000	0.000	0.002	0.066	0.010	0.000	0.000	0.000	0.002	0.012	0.067	RUE
December	0.067	0.000	0.000	0.000	0.002	0.069	0.010	0.000	0.000	0.000	0.002	0.013	0.059	RUE
TOTALS -->	0.784	0.000	0.933	0.000	0.025	1.741	0.118	0.000	0.746	0.000	0.025	0.935	0.935	

Assumptions					
(1)	NUMBER OF RESIDENCES	2	includes	(5)	# of Livestock @ 11 gals/day
	# persons/residence	3.5	office		
	# gallons/person/day	100		(7)	% CU for Domestic/Commercial
(2)	Commercial/Other Demand (af)	0.000	Office	(9)	% Lawn Irrig. Efficiency
					Consumption of Irrig. (af/ac)
(3)	Sq. Ft. of Lawn Irrigated	17,500		(10)	% Crop Irrig. Efficiency
	Lawn Application Rate (af/ac)	2.322			Consumption of Irrig. (af/ac)
(4)	Acres of Crop Irrigated	0.00		(9-10)	Elevation (feet)
	Crop Application Rate (af/ac)	0.000			

Area A-2
Proposed Alluvial Well Type C
To be located within the property
Unkown Well Permit
Seven Castles Creek / Fryingpan River

*(12) Total Includes 5% Transit Loss
 10% from Green Mtn.



**APPLICATION FOR WATER ALLOTMENT CONTRACT
BASALT WATER CONSERVANCY DISTRICT**

1. Applicant(s) Contact Information

- a. Name: Joseph and Casey White
 - b. Mailing Address: 6235 County Road 106
Carbondale, CO 81623
 - c. Street Address: 106 Castle View Drive
Basalt, CO 81623
 - d. Telephone Numbers: 970-309-2651
 - e. Email Address: 7767776@gmail.com
 - f. If Applicant is represented by an Attorney, please provide the Attorney's contact information, including name, address, telephone, and email: N/A
 - g. Emergency Local Contact Information, including name, address, telephone, and email:
-
- h. Contact Information of property manager, caretaker, irrigator, system operator, or agent who should be provided a copy of this contract, including name, address, telephone, and email: N/A

2. Type of land use (development) proposed for water allotment contract (i.e. single family home, subdivision, gravel pit, etc.):

Applicant currently has a contract with BWCD number 115f (1 SFD, 0.25 office, 5,000 sf lawn irrigation, 2 head domestic animals. Applicant desires additional SFD, and increase irrigated lawn to 17,500 sf. Tax #R006656.

3. Legal description and address of property on which District's water rights and/or contract water will be used (attach map and vesting deed with proof of ownership)*:

Lot 5, Castle View Subdivision
according to the Plat recorded August 28, 1990 in Book 536 at Page 469

Basalt Water Conservancy District
Water Allotment Application
Page 2

4. Elevation of property: _____ 6-7,000 ft., ☒ 7-8,000 ft., _____ 8-9,000 ft.

5. Name and legal description of water supply diversion point(s):

Name of Diversion N/A - no active well at time of application

Type of Diversion _____ (e.g., a well, spring, ditch, pipeline, etc.)

Legal Description: _____ Quarter, _____ Quarter, Section ___, Township ____
N / S, Range _____ E / W, of the 6th Principal Meridian, at a location
_____ feet from the _____ Section line and _____ feet
from the _____ Section line.

UTM Coordinates (NAD 83):

Northing: _____.

Easting: _____.

_____ Zone 12 / _____ Zone 13.

If diversion point is a well, please provide the Well Permit No. _____.

Is the well operational/active? _____ Yes, _____ No

Is there currently an operating well meter? _____ Yes, _____ No

Notice: A valid well permit with operating well meter will be required under the contract.

6. Legal Water Supply: (please check one)

☒ Applicant requests consideration by the District to be included in the District's Umbrella Plan for Augmentation decreed in Case No. 02CW77.*

*Note: Certain applicants may qualify to be included in the District's Umbrella Plan at the District's discretion. In order to be included in the District's Umbrella Plan, the Applicant's depletions must occur within the District's defined "Area A" and the Applicant must

reimburse the District its *pro rata* share of the District's expenses in obtaining the Umbrella Plan decree. Costs of reimbursement are contingent upon location and intensity of the uses, and range from \$1,200 for contractees with less than 2 units (EQRs) in certain areas, to \$5,000 for more than 8 EQRs in Area A-3 (generally the Roaring Fork drainage above its confluence with the Fryingpan Rivers).

_____ Applicant will obtain its own plan for augmentation by applying to the Water Court, Water Division 5 within 2 years of this application. If Applicant has already applied for its own change/approval of plan for augmentation, the Water Court Case Number is: _____.

7. Proposed waste water treatment system: (please check)

- _____ Tap to central waste water treatment facility
☒ Septic tank/leachfield system
_____ Evapotranspiration system
_____ Other:

8. Proposed use of water (please check)

- ☒ Domestic/Municipal (single family home(s), duplex(s), condominium(s), mobile home(s), apartment). Please complete page four of this application.
_____ Commercial (hotel, office, warehouse, restaurant, bar, retail). Please complete page five of this application.
_____ Industrial (gravel pit, manufacturing). Please complete page six of this application.
☒ Agricultural (crop irrigation, stock watering). Please complete page seven of this application.

 DOES NOT QUALIFY.

Date on which the county or other applicable governmental entities approved the land use for which you seek legal water service: PLAT Aug. 28, 1990. (Note: Copy of the Resolution of other documentation evidencing such approval should be submitted with application.)

9. What other water rights are associated with or used on the property?

Applicant currently has a contract with BWCD number 115f (1 SFD, 0.25 office, 5,000 sf lawn irrigation, 2 head domestic animals).

10. What other uses of water occur on the property?

Applicant desires additional SFD and increase irrigated lawn to 17,500 sf. Tax #R006656.

Please complete the section below if you selected domestic/municipal use on Page 3,
No. 8

DOMESTIC/MUNICIPAL WATER USES

In-House

Single family residential home(s)	Number of Units: <u>2 (seven persons total)</u>
Duplex(s)	Number of Units: _____
Condominium(s)	Number of Units: _____
Apartment(s)	Number of Units/Rooms: _____
Mobile Home(s)	Number of Units: _____

Irrigation (lawns, parks, open space)

Total area to be irrigated 17,500 Sq. Ft. or _____ Acres

Type of irrigation system (please check)

 X Sprinkler

 Flood (irrigation ditch)

Domestic stock watering (cattle, horses)

Number of animals: 2

Period of use (months): 12

Other domestic/municipal uses not listed:

Please complete this page if you selected commercial use on Page 3, No. 8

COMMERCIAL WATER USES

In-House

Hotel: _____

Office(s), square footage: _____

Warehouse/distributor, square footage: _____

Retail, square footage: _____

Restaurant, number of seats: _____

Bar, number of seats: _____

Irrigation (lawns, parks, open space)

Total area to be irrigated _____ Sq. Ft. or _____ Acres

Type of irrigation system (please check)

_____ Sprinkler

_____ Flood (irrigation ditch)

Other Commercial Uses Not Listed:

Please complete this page if you selected industrial use on Page 3, No. 8

INDUSTRIAL WATER USES

Please describe your industrial development in some detail:

Irrigation (lawns, parks, open space)

Total area to be irrigated _____ Sq. Ft. or _____ Acres

Type of irrigation system (please check)

_____ Sprinkler
_____ Flood (irrigation ditch)

Please complete this page if you selected agricultural use on Page 3, No. 8.

AGRICULTURAL WATER USE

Irrigation

Type of crop(s) (pasture, alfalfa, beans, etc.) and irrigation system:

Crop: _____ Acres: _____ Sprinkler: _____ Flood:

Crop: _____ Acres: _____ Sprinkler: _____ Flood:

Crop: _____ Acres: _____ Sprinkler: _____ Flood:

Crop: _____ Acres: _____ Sprinkler: _____ Flood:

Stock Watering (cattle, horses)

Number of animals: 2

Months of use: 12

Other agricultural uses not listed:

VERIFICATION

STATE OF COLORADO)
) ss.
COUNTY OF CARFELD)

I, Joseph D. and Casey J. White (name of Applicant or Applicant's duly authorized representative), being first duly sworn, upon oath, depose and state as follows:

- 1) I am the Applicant or a duly authorized officer, manager, agent or attorney-in-fact for the Applicant for this Application for Water Allotment Contract;
- 2) I have read and know the contents of this Application;
- 3) The information contained herein is an accurate and complete description of the Applicant's intended use of the Basalt Water Conservancy District's water rights;
- 4) The Applicant acknowledges that the accuracy and truth of all statements in this Application are conditions of approval of this Application by the Basalt Water Conservancy District and of the Contract to be made pursuant to such approval; and
- 5) I acknowledge that this application shall be subject to the District's Water Allotment Contract as approved and issued by the District.

Date: 4/12/23

By [Signature] Casey J. White
Print Name: Joseph D. and Casey J. White

Title: _____

Subscribed and sworn before me this 12 day of April, 2023
by Elizabeth B Moore

Witness my hand and seal.

Elizabeth B Moore
Notary Public

My commission expires: 12/13/2024

