




LRE Water
909 Colorado Avenue
Glenwood Springs, CO 81601
(970)-945-6777 Voice
(970)-945-1137 Facsimile

Memorandum

To: BWCD BOARD OF DIRECTORS
From: ERIC MANGEOT 
CC: CHRIS GEIGER
Date: SEPTEMBER 5, 2023
File: APPLICATION

Applicant Name: GREGORY AND STEPHANIE BOVEE

Type of Use: Domestic X Commercial
Industrial Agricultural

Amount: 0.9 AF 0.067 cfs 30 gpm

Location: Area A A-4 Area B Inclusion
County: GARFIELD Contiguous:
BWCD Division: 1

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:** \$2,250

This application is to cover depletions associated with two single family dwellings and a duplex (total of 4 EQR), 10,000 square feet of irrigation, 6 livestock, and an 8 ft diameter hot tub on a lot owned by Gregory and Stephanie Bovee (Applicant). Total depletions are estimated at 0.9 acre-feet (AF) as shown on the attached calculation sheets. This property previously held a contract that was terminated in 2012 at the request of the previous contractee.

The property is located in the NE1/4 of Section 12, Township 7 South, Range 89 West, of the 6th P.M. as shown in **Figure 1** (attached). The physical address of the property is 329 Coryell Ridge Rd (Garfield County Parcel ID 239501400086).

Diversions associated with this contract would be from the existing well (permit no. 83545-) located in the NE1/4 NE1/4 of Section 12, Township 7 South, Range 89 West, of the 6th P.M. at a point UTM NAD 83 Z13: 304539.3m E, 4370948.2m N. The Applicant will need to provide the District with a copy of the -F well permit once obtained from the Division of Water Resources. The Applicant also has rights in the Glen Thompson Ditch.

Water User :	Gregory and Stephanie Bovee	
Analysis Date :	September 5, 2023	
District Area:	A-4	
Source Series:	4	
Maximum Demand:	30	0.067
	(GPM)	(CFS)

BASALT WATER CONSERVANCY DISTRICT
WATER REQUIREMENTS
(acre feet)

Month	Total Demand						Consumptive Use						(13)* Delayed Depletions	(14) Source of Aug/Replace
	(1) Domestic In-house	(2) Hot Tub Evap	(3) Lawn Irrigation	(4) Crop Irrigation	(5) Livestock	(6) TOTAL	(7) Domestic In-house	(8) Hot Tub Evap	(9) Lawn Irrigation	(10) Crop Irrigation	(11) Livestock	(12)* TOTAL		
January	0.133	0.0001	0.000	0.000	0.006	0.140	0.020	0.0001	0.000	0.000	0.006	0.029	0.050	GNM
February	0.120	0.0002	0.000	0.000	0.006	0.126	0.018	0.0002	0.000	0.000	0.006	0.027	0.050	GNM
March	0.133	0.0002	0.000	0.000	0.006	0.140	0.020	0.0002	0.000	0.000	0.006	0.029	0.050	GNM
April	0.129	0.0004	0.027	0.000	0.006	0.162	0.019	0.0004	0.021	0.000	0.006	0.053	0.055	GNM
May	0.133	0.0005	0.114	0.000	0.006	0.254	0.020	0.0005	0.091	0.000	0.006	0.131	0.095	GNM
June	0.129	0.0006	0.140	0.000	0.006	0.275	0.019	0.0006	0.112	0.000	0.006	0.153	0.118	GNM
July	0.133	0.0006	0.134	0.000	0.006	0.274	0.020	0.0006	0.107	0.000	0.006	0.149	0.117	GNM
August	0.133	0.0006	0.083	0.000	0.006	0.223	0.020	0.0006	0.066	0.000	0.006	0.103	0.095	GNM
September	0.129	0.0004	0.075	0.000	0.006	0.211	0.019	0.0004	0.060	0.000	0.006	0.096	0.088	GNM
October	0.133	0.0003	0.030	0.000	0.006	0.169	0.020	0.0003	0.024	0.000	0.006	0.056	0.062	GNM
November	0.129	0.0002	0.000	0.000	0.006	0.135	0.019	0.0002	0.000	0.000	0.006	0.028	0.051	GNM
December	0.133	0.0001	0.000	0.000	0.006	0.140	0.020	0.0001	0.000	0.000	0.006	0.029	0.050	GNM
TOTALS -->	1.568	0.0043	0.603	0.000	0.074	2.249	0.235	0.0043	0.482	0.000	0.074	0.884	0.884	

Assumptions					
(1)	NUMBER OF RESIDENCES	4	(5)	# of Livestock @ 11 gals/day	6
	# persons/residence	3.5			
	# gallons/person/day	100	(7)	% CU for Domestic/Commercial	15
(2)	Commercial/Other Demand (af)	0.000	(9)	% Lawn Irrig. Efficiency	80
				Consumption of Irrig. (af/ac)	2.100
(3)	Sq. Ft. of Lawn Irrigated	10,000	(10)	% Crop Irrig. Efficiency	80
	Lawn Application Rate (af/ac)	2.625		Consumption of Irrig. (af/ac)	0.000
(4)	Acres of Crop Irrigated	0.00	(9-10)	Elevation (feet)	6,020
	Crop Application Rate (af/ac)	0.000			

Area A-4
Roaring Fork River
Type A Well (Permit No. 83545-)

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

TABLE 1
EVAPORATION CALCULATION - BOVEE (6,020 feet)

Month	SEO Monthly Distribution	(1) Hot Tub Evaporation		(2) Average Precipitation		(3) Effective Precipitation		(4) Net Evaporation		(5) Total Hot Tub Evaporation
		(feet)	(inches)	(feet)	(inches)	(feet)	(inches)	(feet)	(inches)	(acre-feet)
January	3.0%	0.11	1.35	0.10	1.24	0.00	0.00	0.11	1.35	0.0001
February	3.5%	0.13	1.58	0.11	1.27	0.00	0.00	0.13	1.58	0.0002
March	5.5%	0.21	2.48	0.11	1.33	0.00	0.00	0.21	2.48	0.0002
April	9.0%	0.34	4.05	0.13	1.53	0.00	0.00	0.34	4.05	0.0004
May	12.0%	0.45	5.40	0.14	1.63	0.00	0.00	0.45	5.40	0.0005
June	14.5%	0.54	6.53	0.07	0.87	0.00	0.00	0.54	6.53	0.0006
July	15.0%	0.56	6.75	0.09	1.10	0.00	0.00	0.56	6.75	0.0006
August	13.5%	0.51	6.08	0.09	1.09	0.00	0.00	0.51	6.08	0.0006
September	10.0%	0.38	4.50	0.15	1.76	0.00	0.00	0.38	4.50	0.0004
October	7.0%	0.26	3.15	0.12	1.40	0.00	0.00	0.26	3.15	0.0003
November	4.0%	0.15	1.80	0.09	1.05	0.00	0.00	0.15	1.80	0.0002
December	3.0%	0.11	1.35	0.08	0.99	0.00	0.00	0.11	1.35	0.0001
	100.0%	3.75	45.00	1.27	15.26	0.00	0.00	3.75	45.00	0.0043

(1) = Monthly distribution of gross annual evaporation rate in accordance with SEO General Criteria.

(2) = Monthly precipitation from local weather station.

(3) = Equal to 0 per State Policy No. 2004-3.

(4) = Net Evaporation = Column (1) - Column (3)

(5) = Column (4) x Open Water Surface Area (0.001 acres) x Column (4) in feet.

50.265 square feet (8' diameter hot tub)

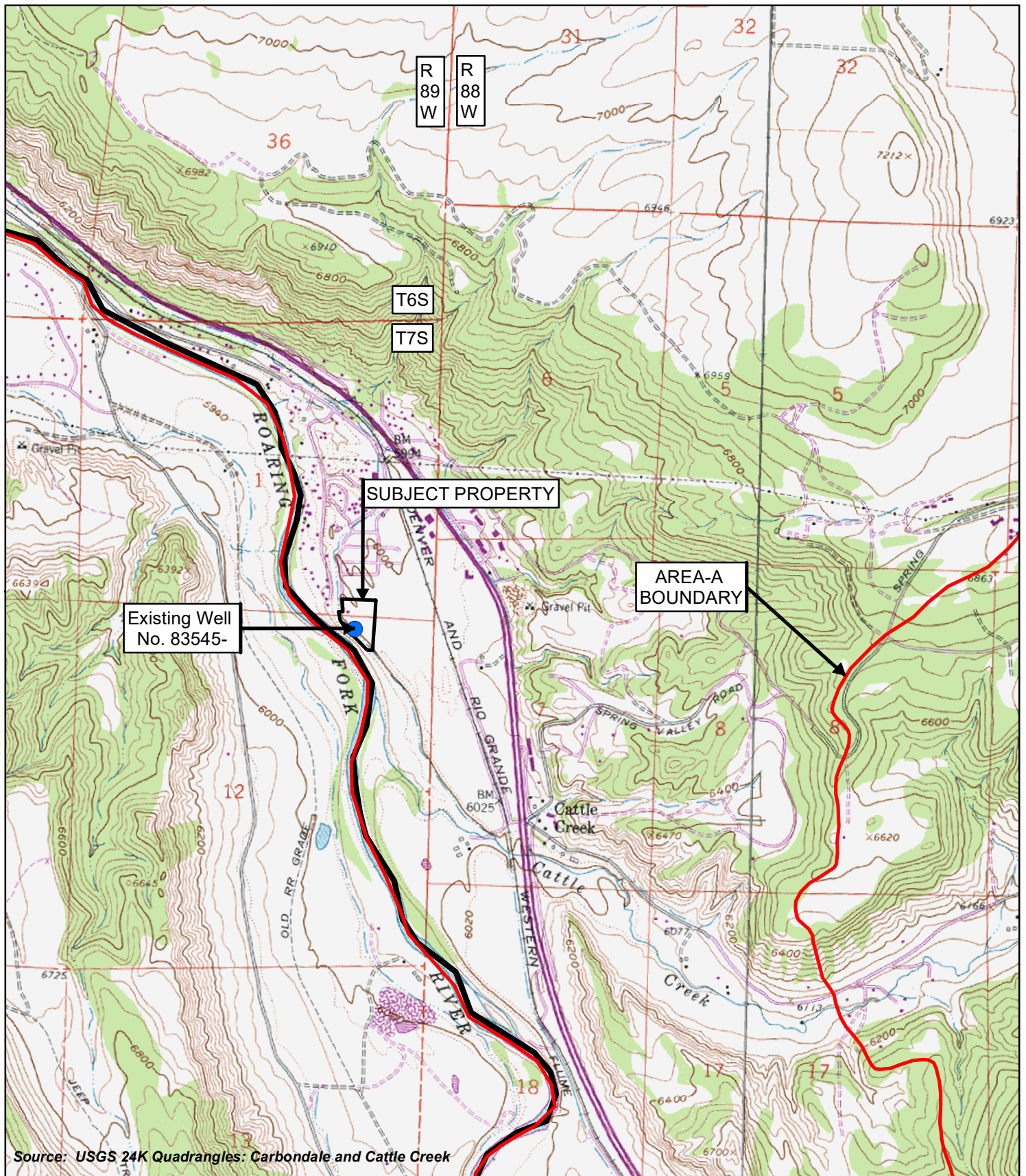
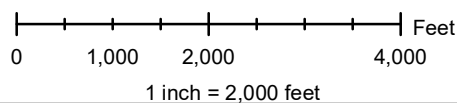


Figure 1: Gregory and Stephanie Bovee
Water Allotment Contract Application
Basalt Water Conservation District



Date: 2023-09-01
 File: 20033BWCD1-23(4)
 Drawn: MDH
 Approved: EFM

APPLICATION FOR WATER ALLOTMENT CONTRACT
BASALT WATER CONSERVANCY DISTRICT

1. Applicant(s) Contact Information

- a. Name: GREGORY AND STEPHANIE BOVEE
- b. Mailing Address:
329 CORYELL RIDGE RD, GLENWOOD SPRINGS, CO
81601
- c. Street Address:
AS ABOVE
- d. Telephone Numbers: GREG - 517-420-4343
STEPHANIE 517-420-4212
- e. Email Address:
GSBOVEE@AOL.COM GRANNYBOVEE@AOL.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: #1 GREGORY + STEPHANIE AS ABOVE
CONTACT: LAURIE OSTERMILLER, 275 MEADOW WOOD RD,
GLENWOOD SPRINGS, CO 81601, (970) 230-9291
OSTERMILLERS@COMCAST.NET
- 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.):
Proposed 3 lot Sub (Pending)
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)*: SEE EXHIBIT A

EXHIBIT A

A PARCEL OF LAND SITUATE IN LOT 30 OF SECTION 1 AND LOT 2 OF SECTION 12, TOWNSHIP 7 SOUTH, RANGE 89 WEST OF THE SIXTH PRINCIPAL MERIDIAN, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS, TO-WIT:

BEGINNING AT A POINT IN A FENCE AS CONSTRUCTED AND IN PLACE WHENCE THE NORTHEAST CORNER OF LOT 20 IN SAID SECTION 1 BEARS N 23 DEGREES 39'56" E. 2,287.31 FEET;
THENCE S 02 DEGREES 20'00" W. 78.20 FEET ALONG SAID FENCE;
THENCE S 02 DEGREES 16'22" W. 479.80 FEET. MORE OR LESS, ALONG SAID FENCE TO A POINT ON THE SOUTHERLY LINE OF SAID LOT 2;
THENCE N 86 DEGREES 25'04" W. 86.16 FEET. MORE OR LESS, ALONG THE SOUTHERLY LINE OF SAID LOT 2 TO A POINT IN THE CENTER OF THE GLENWOOD DITCH:
THENCE N 41 DEGREES 29'50" W. 97.44 FEET ALONG THE CENTER OF SAID DITCH:
THENCE N 50 DEGREES 56'22" W. 276.94 FEET ALONG THE CENTER OF SAID DITCH:
THENCE N 33 DEGREES 02'48" W. 250.09 FEET ALONG THE CENTER OF SAID DITCH:
THENCE N 13 DEGREES 49'12" W. 116.58 FEET ALONG THE CENTER OF SAID DITCH:
THENCE S 88 DEGREES 07'00" E. 23.40 FEET;
THENCE N 13 DEGREES 49'12" W. 23.12 FEET THENCE N 05'09" W. 170.03 FEET:
THENCE E 558.11 FEET:
THENCE S 02 DEGREES 20'00" W. 209.34 FEET TO THE POINT OF BEGINNING.

AKA PARCEL B HUNT/SCHREINER LOT LINE ADJUSTMENT

COUNTY OF GARFIELD
STATE OF COLORADO

Basalt Water Conservancy District
Water Allotment Application
Page 2

4. Elevation of property: X 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 Hunt Well.

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

Legal Description: NE Quarter, NE Quarter, Section 12, Township 7
N / (S) Range 89 E / (W) of the 6th Principal Meridian, at a location
150 feet from the N Section line and 1200 feet
from the E Section line.

UTM Coordinates (NAD 83):

Northing: _____.

Easting: _____.

_____ Zone 12 / _____ Zone 13.

If diversion point is a well, please provide the Well Permit No. 83545.

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

Is there currently an operating well meter? X 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.

Date on which the county or other applicable governmental entities approved the land use for which you seek legal water service: pending. (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?

GLEN-THOMPSON DITCH shares

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

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</u>
Duplex(s)	Number of Units: <u>1</u>
Condominium(s)	Number of Units: <u>0</u>
Apartment(s)	Number of Units/Rooms: <u>0</u>
Mobile Home(s)	Number of Units: <u>0</u>

Irrigation (lawns, parks, open space)

Total area to be irrigated 10,000 Sq. Ft. or _____ Acres

Type of irrigation system (please check)

X Sprinkler

_____ Flood (irrigation ditch)

Domestic stock watering (cattle, horses)

Number of animals: 6

Period of use (months): 12

Other domestic/municipal uses not listed:

1 - 8' diameter Hot Tub

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: _____

Months of use: _____

Other agricultural uses not listed: _____

VERIFICATION

STATE OF COLORADO)
) ss.
COUNTY OF Garfield)

I, GREGORY BOVEE (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: 8/31/2023

By: Gregory S. Bovee
Print Name: Gregory S. Bovee
Title: owner

Subscribed and sworn before me this 31 day of August, 2023
by GREGORY BOVEE

Witness my hand and seal.

My commission expires:

06/23/2024

[Signature]
Notary Public

