




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: DECEMBER 2, 2021
File: APPLICATION

Applicant Name: H. Arvid and Janet Johnson

Type of Use: Domestic Commercial
 Industrial Agricultural

Amount: 1.1 AF 0.033 cfs 15 gpm

Location: Area A A-4 Area B Inclusion
 County: GARFIELD Contiguous:
 BWCD Division: 3

Mid Valley Metro District Notice Required? Yes No

Blue Creek Water Rights Applied? Yes No

02CW77 Umbrella Plan Water Rights Applied? Yes No **Cost:** \$1,200

This application covers depletions associated with a single-family dwelling, 10,400 square feet of lawn and landscape irrigation, and 5 livestock associated with a property owned by H. Arvid and Janet Johnson (Applicants). Total contract depletions are 1.1 acre-feet (AF) as shown on the attached table.

The Applicants owns a 26.579-acre property located in the NW1/4 SE1/4 of Section 23, Township 7 South, Range 88 West of the 6th Principal Meridian (P.M.) in Garfield County (Parcel No. 239323400360). The physical address is 471 County Road 112, Carbondale. A vicinity map depicting the property is attached as **Figure 1**. The property is located within Division 3 of the District.

The source of supply is an existing well (Permit No. 182858) located in the NW/4 SE1/4 of Section 23, Township 7 South, Range 88 West of the 6th P.M. (UTM NAD83 Z13: Northing=4366707, Easting=311608). The Applicant will need to repermit the well with the Division of Water Resources if the contract is approved. The well is located in Area A-4; however, the depletions occur within Area B and therefore are considered 100% depletive to Area A-4. The domestic uses are within 1.0 AF and fit within Resolution 2021-3.

Water User :	H. Arvid and Janet Johnson	
Analysis Date :	December 2, 2021	
District Area:	A-4	
Source Series:	4	
Maximum Demand:	15.0	0.033
	(GPM)	(CFS)

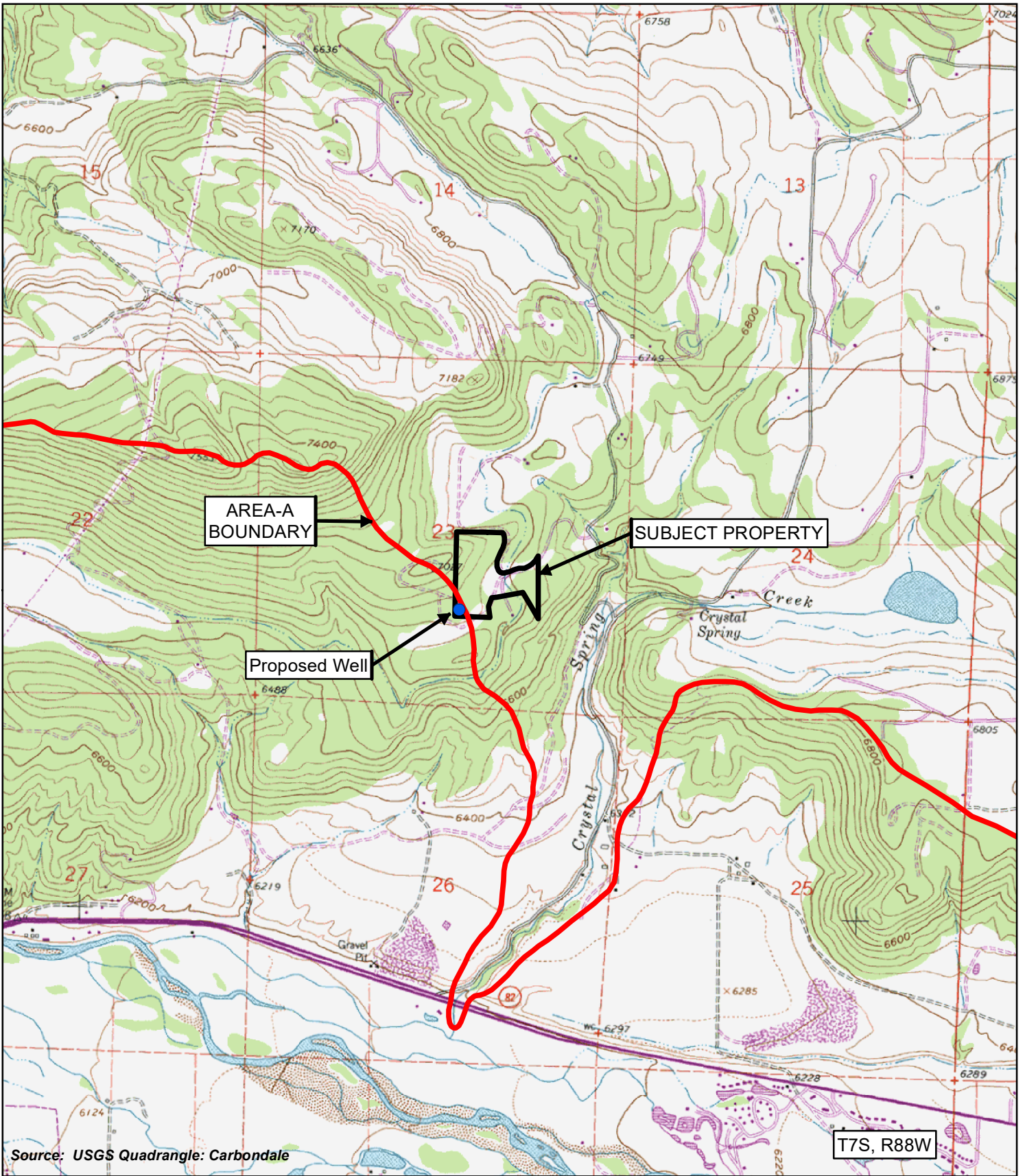
BASALT WATER CONSERVANCY DISTRICT
WATER REQUIREMENTS
(acre feet)

Month	Total Demand						Consumptive Use						(13)* Delayed Depletions	(14) Source of Aug/Replace
	(1) Domestic In-house	(2) 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	0.033	0.000	0.000	0.000	0.005	0.039	0.033	0.000	0.000	0.000	0.005	0.043	0.085	GNM
February	0.030	0.000	0.000	0.000	0.005	0.035	0.030	0.000	0.000	0.000	0.005	0.039	0.086	GNM
March	0.033	0.000	0.000	0.000	0.005	0.039	0.033	0.000	0.000	0.000	0.005	0.043	0.086	GNM
April	0.032	0.000	0.011	0.000	0.005	0.048	0.032	0.000	0.011	0.000	0.005	0.054	0.086	GNM
May	0.033	0.000	0.090	0.000	0.005	0.129	0.033	0.000	0.090	0.000	0.005	0.143	0.086	GNM
June	0.032	0.000	0.116	0.000	0.005	0.153	0.032	0.000	0.116	0.000	0.005	0.170	0.086	GNM
July	0.033	0.000	0.109	0.000	0.005	0.148	0.033	0.000	0.109	0.000	0.005	0.164	0.085	GNM
August	0.033	0.000	0.065	0.000	0.005	0.104	0.033	0.000	0.065	0.000	0.005	0.115	0.085	GNM
September	0.032	0.000	0.060	0.000	0.005	0.097	0.032	0.000	0.060	0.000	0.005	0.108	0.085	GNM
October	0.033	0.000	0.017	0.000	0.005	0.055	0.033	0.000	0.017	0.000	0.005	0.061	0.085	GNM
November	0.032	0.000	0.000	0.000	0.005	0.037	0.032	0.000	0.000	0.000	0.005	0.041	0.084	GNM
December	0.033	0.000	0.000	0.000	0.005	0.039	0.033	0.000	0.000	0.000	0.005	0.043	0.085	GNM
TOTALS -->	0.392	0.000	0.467	0.000	0.062	0.921	0.392	0.000	0.467	0.000	0.062	1.023	1.023	

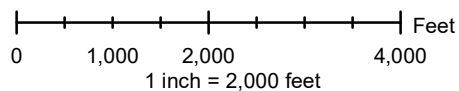
Assumptions					
(1)	NUMBER OF RESIDENCES	1	(5)	# of Livestock @ 11 gals/day	5
	# persons/residence	3.5	(7)	(100% Depletive to Area A-4)	
	# gallons/person/day	100		% CU for Domestic/Commercial	100
(2)	Pond Evaporation	AF Acres	(9)	(100% Depletive to Area A-4)	
				% Lawn Irrig. Efficiency	100
				Consumption of Irrig. (af/ac)	1.920
(3)	Sq. Ft. of Lawn Irrigated	10,400	(10)	% Crop Irrig. Efficiency	80
	Lawn Application Rate (af/ac)	1.920		Consumption of Irrig. (af/ac)	0.000
(4)	Acres of Crop Irrigated	0.00	(9-10)	Elevation (feet)	6800
	Crop Application Rate (af/ac)	0.000			

Area A-4
Existing Well Permit No. 182858
Roaring Fork River
Type E Well

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



**Figure 1: Johnson, H. Arvid and Janet
Water Allotment Contract Application
Basalt Water Conservancy District**



Date: 2021-12-02
File: 20033BWCD1-21(4)
Drawn: MDH
Approved: EFM

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

1. Applicant(s) Contact Information
 - a. Name: **H. Arvid Johnson**
 - b. Mailing Address: **471 County Road 112, Carbondale, Colorado 81623**
 - c. Street Address: **471 County Road 112, Carbondale, Colorado 81623**
 - d. Telephone Numbers: **970-379-2760**
 - e. Email Address: **ajohnson@sopris.net**
 - f. If Applicant is represented by an Attorney, please provide the Attorney's contact information, including name, address, telephone, and email: **Ryan J. Mitchell - 818 Colorado Ave, Glenwood Springs, Colorado 81602 – 970-945-6546 – Rmitchell@balcombgreen.com**
 - g. Emergency Local Contact Information, including name, address, telephone, and email: **N/A**
 - 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.): **Single Family Home**
3. Legal description and address of property on which District's water rights and/or contract water will be used: **See attached warranty deed.**
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): **N/A**

Name of Diversion: **N/A**

Type of Diversion: **Proposed Well**

UTM Coordinates (NAD 83):

 Northing: 311608
Easting: 4366707

_____ Zone 12 / Zone 13.

- **Proposed well is located in Area A. However, all water use will occur in Area B, in accordance with Resolution 2021-3.**

If diversion point is a well, please provide the Well Permit No.: **Applicant will permit the proposed well under this contract.**

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.

Date on which the county or other applicable governmental entities approved the land use for which you seek legal water service: May 2, 1994; plat attached.

9. What other water rights are associated with or used on the property?
- **80CW0066, supplied by off-property well, with Permit No. 41391-A, .022CFS (split evenly between A. Johnson and other well owner), for domestic, household purposes, livestock water, fire protection, and law/garden irrigation.**
10. What other uses of water occur on the property?
- **An exempt well (1 acre-foot, 15 GPM, in-house use only, Permit No. 182858) for domestic in-house use. That well is deteriorating.**

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>1</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 10,4000 Sq. Ft. or _____ Acres

Type of irrigation system (please check)

X Sprinkler

_____ Flood (irrigation ditch)

Domestic stock watering (cattle, horses)

Number of animals: 5

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:

Months of use:

Other agricultural uses not listed:

VERIFICATION

STATE OF COLORADO)
) ss.
COUNTY OF GARFIELD)

I, RYAN MITCHELL (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: 12/1/21

By: 

Print Name: Ryan Mitchell

Title: Attorney for Applicant

Subscribed and sworn before me this 1st day of DECEMBER, 2021 by
RYAN MITCHELL

Witness my hand and seal.


Notary Public

My commission expires:
3-18-2024

