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: JUNE 4, 2024
File: APPLICATION

Applicant Name: Patricia Ann McKinnon

Type of Use: Domestic __X__ Commercial _____
Industrial _____ Agricultural _____

Amount: __2.4__AF __0.033__cfs __15.0__ gpm

Location: Area A _A-4_ Area B ___ Inclusion ____
County: _GARFIELD_ Contiguous: ___
BWCD Division: _3_

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__

This application covers depletions associated with 2 single family dwellings and 2.0 acres of irrigation for a proposed lot split on a property owned by Patricia Ann McKinnon (Applicant). Total contract depletions are 2.4 acre-feet (AF) as shown on the attached table.

The Applicant owns an approximate 196.73 acre property located in Section 22, Township 7 South, Range 88 West of the 6th Principal Meridian (P.M.) in Garfield County (Parcel No. 239322400301). The physical address is 906 County Road 107, Carbondale. A vicinity map depicting the property is attached as ***Figure 1***. The property is within Division 3 of the District. The Applicant is in the process of subdividing an approximate 9.6 acre lot within the overall property.

The source of supply is a proposed 15 gpm well known as the Melonuk Well located in the SE1/4 SE/4 of Section 22, Township 7 South, Range 88 West of the 6th P.M. at a point UTM NAD83 Z13 310399.1mE, 4366611.1mN.

Water User :	Patricia Ann McKinnon
Analysis Date :	June 4, 2024
District Area:	A-4
Source Series:	4
Maximum Demand:	15 (GPM) 0.033 (CFS)

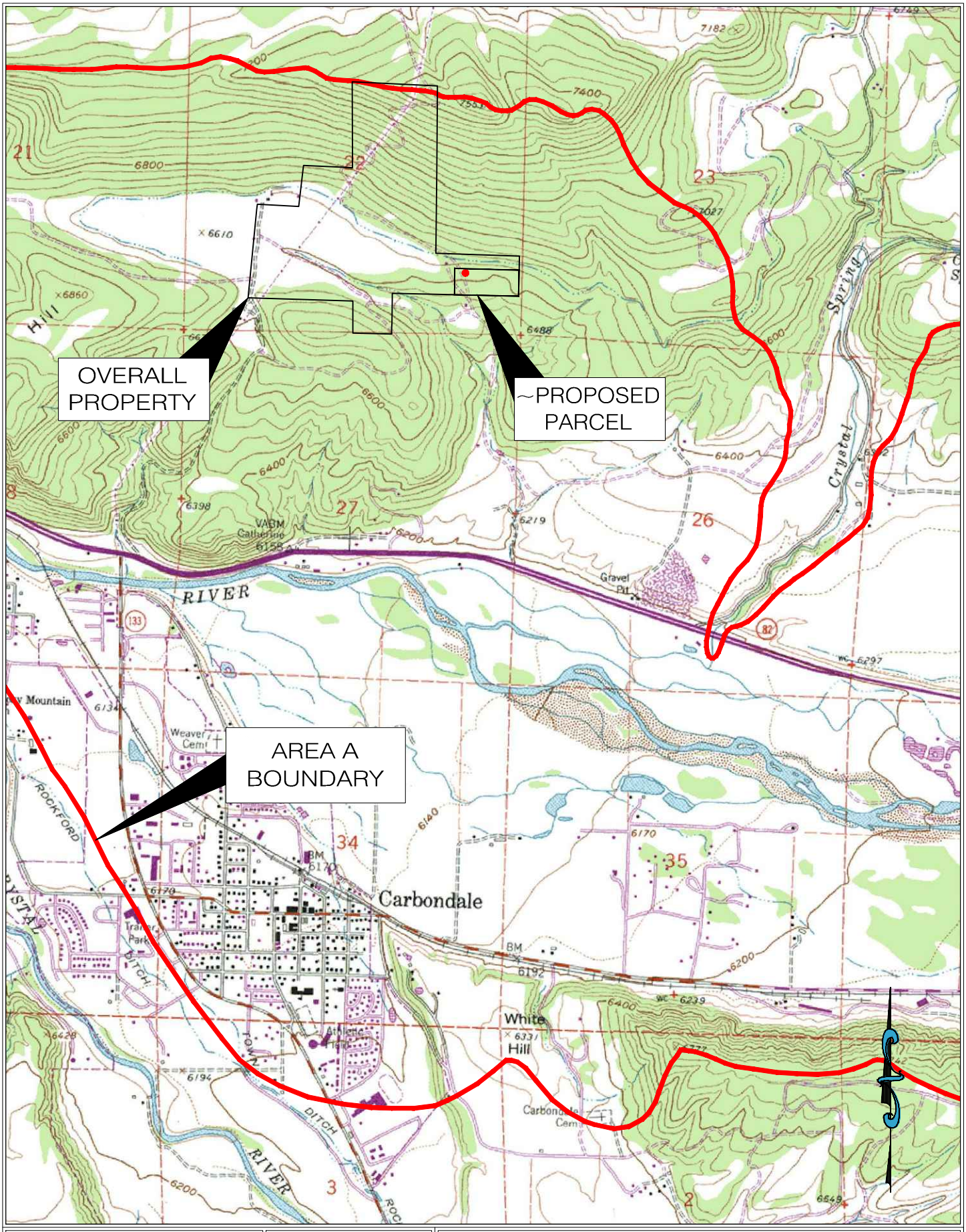
BASALT WATER CONSERVANCY DISTRICT
WATER REQUIREMENTS
(acre feet)

	Total Demand						Consumptive Use							
Month	(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	(13)* Delayed Depletions	(14) Source of Aug/Replace
January	0.067	0.000	0.000	0.000	0.000	0.067	0.010	0.000	0.000	0.000	0.000	0.011	0.191	GNM
February	0.060	0.000	0.000	0.000	0.000	0.060	0.009	0.000	0.000	0.000	0.000	0.010	0.194	GNM
March	0.067	0.000	0.000	0.000	0.000	0.067	0.010	0.000	0.000	0.000	0.000	0.011	0.194	GNM
April	0.064	0.000	0.070	0.000	0.000	0.135	0.010	0.000	0.056	0.000	0.000	0.073	0.194	GNM
May	0.067	0.000	0.469	0.000	0.000	0.536	0.010	0.000	0.375	0.000	0.000	0.428	0.194	GNM
June	0.064	0.000	0.597	0.000	0.000	0.661	0.010	0.000	0.477	0.000	0.000	0.541	0.194	GNM
July	0.067	0.000	0.565	0.000	0.000	0.631	0.010	0.000	0.452	0.000	0.000	0.513	0.191	GNM
August	0.067	0.000	0.340	0.000	0.000	0.406	0.010	0.000	0.272	0.000	0.000	0.313	0.191	GNM
September	0.064	0.000	0.310	0.000	0.000	0.375	0.010	0.000	0.248	0.000	0.000	0.287	0.191	GNM
October	0.067	0.000	0.095	0.000	0.000	0.162	0.010	0.000	0.076	0.000	0.000	0.096	0.191	GNM
November	0.064	0.000	0.000	0.000	0.000	0.064	0.010	0.000	0.000	0.000	0.000	0.011	0.189	GNM
December	0.067	0.000	0.000	0.000	0.000	0.067	0.010	0.000	0.000	0.000	0.000	0.011	0.191	GNM
TOTALS -->	0.784	0.000	2.447	0.000	0.000	**3.231**	0.118	0.000	1.957	0.000	0.000	2.305	**2.305**	

Assumptions

(1)	NUMBER OF RESIDENCES	2	(5)	# of Livestock @ 11 gals/day	0
	# persons/residence	3.5			
	# gallons/person/day	100	(7)	% CU for Domestic/Commercial	15
(2)	Commercial/Other Demand (af)	0.000 Office	(9)	% Lawn Irrig. Efficiency	80
				Consumption of Irrig. (af/ac)	1.957
(3)	Sq. Ft. of Lawn Irrigated	43,560	(10)	% Crop Irrig. Efficiency	80
	Lawn Application Rate (af/ac)	2.447		Consumption of Irrig. (af/ac)	0.000
(4)	Acres of Crop Irrigated	0.00	(9-10)	Elevation (feet)	6600
	Crop Application Rate (af/ac)	0.000			
			*(12)	Total Includes 5% Transit Loss	
				10% from Green Mtn.	

Area A-4
Roaring Fork River
Proposed Formation Well (Type E)



LRE WATER

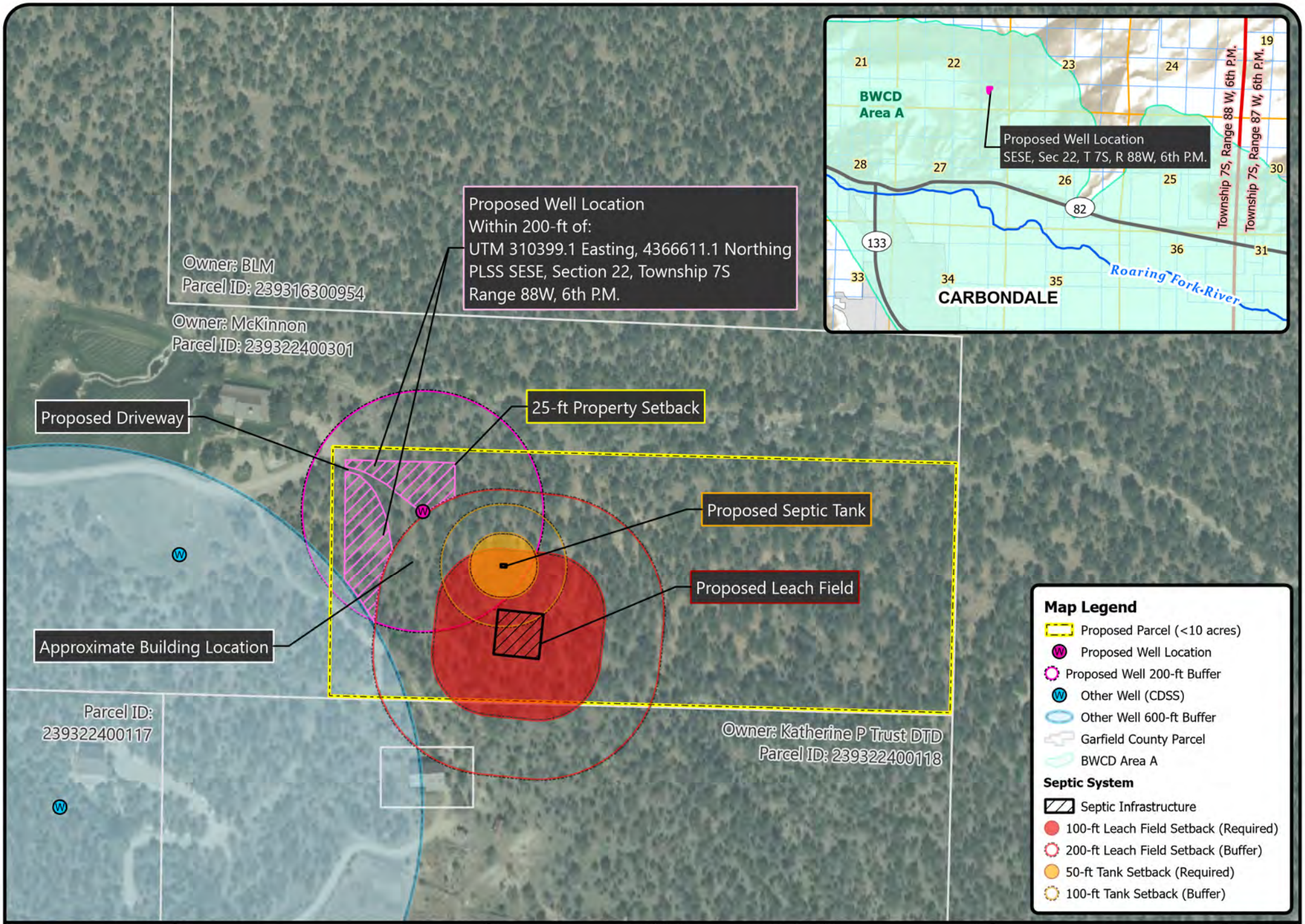
0 1,000 2,000

Scale: 1"=2,000'

Figure 1: Patricia Ann McKinnon

Water Allotment Contract Application
Basalt Water Conservancy District

Job No. 20033BWCD1-20(4)
Date: 06/04/2024



SGM
118 W. Sixth St., Suite 200
Glenwood Springs, CO 81601
970.945.1004
www.sgm-inc.com

Well Location Map

Taylor Melonuk

Date:	5/31/2024	Job No.	2024-134.001 Ph. 3
Map by:	KNR		
Coordinate System:	NAD 1983 UTM Zone 13N	Projection:	Transverse Mercator
Data Sources:	BLM (PLSS), Garfield County (Parcel), CDSS (Other Well), Bing (Imagery), SGM		
File:	J:\Projects_Replica\2024\2024-134-MelonukCarbondaleMinorS\GIS\MXD\MasterMap.aprx		

The information displayed above is intended for general planning purposes. Refer to legal documentation/data sources for descriptions/locations.

0 100 200 Feet

1 inch = 200 feet

Rev. 03/13

APPLICATION FOR WATER ALLOTMENT CONTRACT
BASALT WATER CONSERVANCY DISTRICT

1. Applicant(s) Contact Information

   a. Name:
   Patrica Ann McKinnon
   c/o Taylor Melonuk

   b. Mailing Address:
   PO Box 1856, Carbondale, Colorado, 81623

   c. Street Address:
   960 County Road 107, Carbondale, Colorado, 81623

   d. Telephone Numbers:
   805-705-1511

   e. Email Address:
   melonuktay@gmail.com

   f. If Applicant is represented by an Attorney, please provide the Attorney's contact information, including name, address, telephone, and email:
   Erika Gibson
   erika@jvamlaw.com
   JVAM PLLC
   901 Grand Ave., Suite 201, Glenwood Springs, CO 81601
   Phone #: 970-279-4764

   g. Emergency Local Contact Information, including name, address, telephone, and email:
   Taylor Melonuk
   PO Box 1856, Carbondale, Colorado, 81623
   805-705-1511
   melonuktay@gmail.com

   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:
   Bailey Leppek, PE
   Engineer for the Applicant
   SGM-inc.
   118 West 6th Street, Suite 200
   Phone #970-384-9046
   baileyl@sgm-inc.com

2. Type of land use (development) proposed for water allotment contract (i.e. single family home, subdivision, gravel pit, etc.):
   Single family home and ADU (parcel to be subdivided)

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)*:
   Section 22, Township 7 S, Range 88 W, 6th PM S
   See attached deed.

4. Elevation of property: **6,000–7,000 ft**

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

   Name of Diversion: **Melonuk Well (new well)**

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

   Legal Description: **SE** Quarter, **SE** Quarter, **Section 22, Township 7 S, Range 88 W, of the 6th Principal Meridian S.**

   UTM Coordinates (NAD 83):

   Zone 13

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

   Is the well operational/active? **No, well will be a new construction**.

   Is there currently an operating well meter? **No, a well meter will be installed after construction.**

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

6. Legal Water Supply: (please check one)

   X 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). Proposed wastewater treatment system: (please check)

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

7. Proposed use of water (please check)

__X__ 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: _____. (Note: Copy of the Resolution of other documentation evidencing such approval should be submitted with application.)
Applicant will apply for a minor subdivision with Garfield County in May/June. A well permit has been submitted, and the well is planned to be drilled in 2024.

8. What other water rights are associated with or used on the property?
N/A

9. What other uses of water occur on the property?
Currently, there is an existing well (Permit No. 49969) that will continue to provide domestic water for a single-family home on the to-be adjacent parcel. Applicant does not intend to change the permitted uses under the existing well.

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: **2**

Duplex(s) Number of Units: **0**

Condominium(s) Number of Units: **0**

Apartment(s) Number of Units/Rooms: **0**

Mobile Home(s) Number of Units: **0**

Irrigation (lawns, parks, open space)

Total area to be irrigated **up to 43,560** Sq. Ft. or **up to 1.0** Acres

Type of irrigation system (please check)

X Sprinkler

_____ Flood (irrigation ditch)

Domestic stock watering (cattle, horses)

Number of animals: **0**

Period of use (months): **N/A**

Other domestic/municipal uses not listed:

Irrigation of landscaping, limited to 1.0 acres.

VERIFICATION

STATE OF COLROADO)
) ss.
COUNTY OF GARFIELD)

I, **Bailey Leppek** (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: 5/1/2024 By: _____

Print Name: ***Bailey Leppek, PE***

Title: ***Engineer for the Applicant***

Subscribed and sworn before me this 1st day of May, 2024 by Michael McCrary

Witness my hand and seal.

_____
Notary Public

My commission expires:
August 9, 2025

MICHAEL MCCRARY
NOTARY PUBLIC
STATE OF COLORADO
NOTARY ID 20214031455
MY COMMISSION EXPIRES AUGUST 9, 2025