




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 23, 2022
File: APPLICATION

Applicant Name: Tim & Carolyn Hagist

Type of Use: Domestic Commercial _____
 Industrial _____ Agricultural _____

Amount: 2.5 AF 0.033 cfs 15 gpm

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

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 is to cover depletions associated with a single family dwelling (1.0 EQR), accessory dwelling unit (0.75 EQR), and a detached garage with bathroom (0.25 EQR) for a total of 2.0 EQR and 45,000 square feet of lawn and landscape irrigation at a lot owned by Tim & Carolyn Hagist (Applicants). Total depletions are estimated at 2.5 acre-feet as shown on the attached calculation sheet.

The property is located within Division 4 of the District and is located in the NW1/4 SE1/4 of Section 35, Township 7 South, Range 88 West, of the 6th P.M. east of the Town of Carbondale as shown on **Figure 1** (attached). The physical address of the property is 286 Willow Lane, Carbondale (Garfield County Parcel ID 239335400023).

Diversions associated with this contract would be from the Hagist Well (Permit No. 34295) located in the NW1/4 of the SE1/4, of Section 35, Township 7 South, Range 88 West of the 6th P.M. (UTM NAD 83 Z13: 4363701.4m N, 311579.1m E).

Water User :	Tim & Carolyn Hagist	
Analysis Date :	June 23, 2022	
District Area:	A-4	
Source Series:	4	
Maximum Demand:	15.0	0.033
	(GPM)	(CFS)

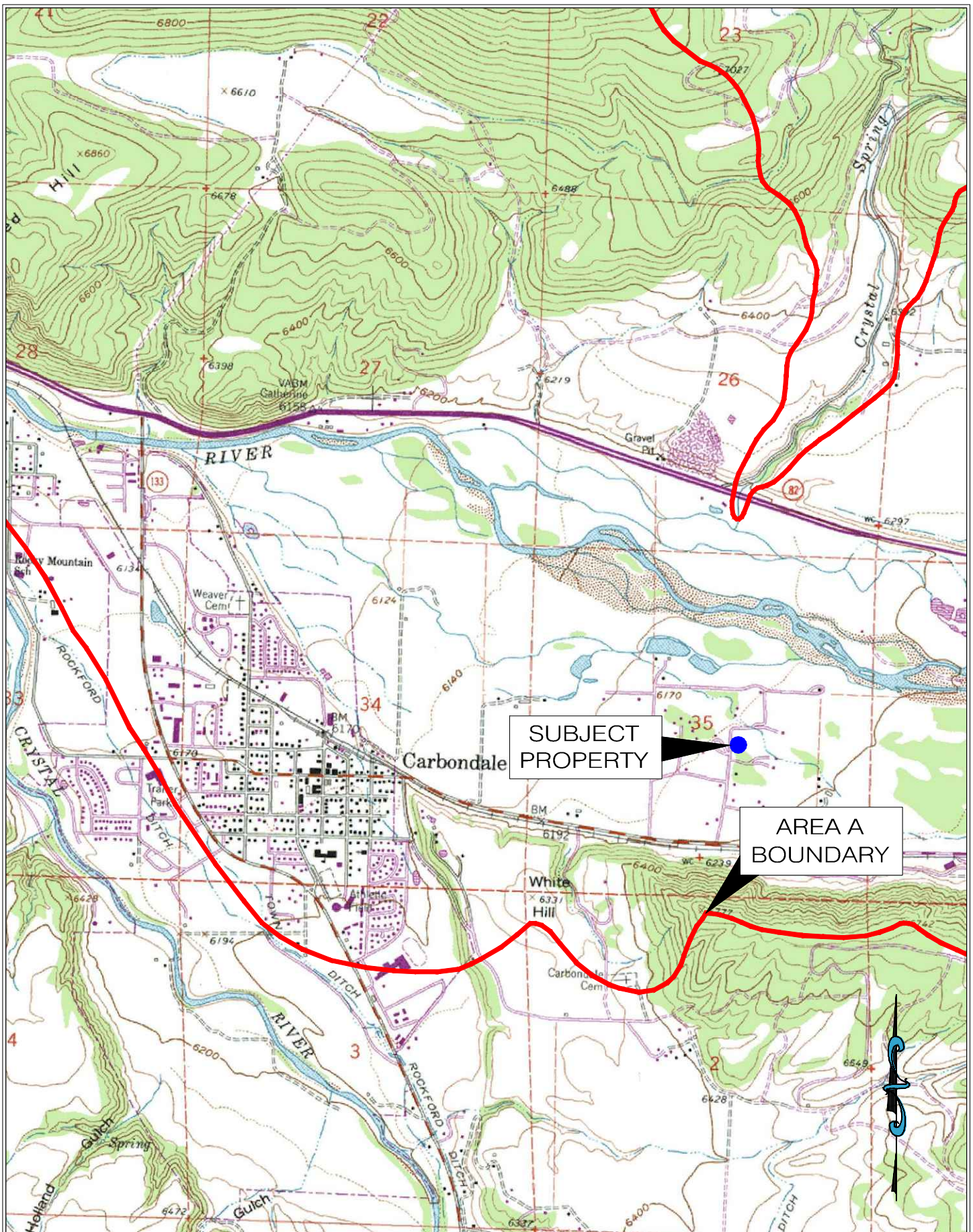
BASALT WATER CONSERVANCY DISTRICT
WATER REQUIREMENTS
(acre feet)

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	0.067	0.000	0.000	0.000	0.000	0.067	0.010	0.000	0.000	0.000	0.000	0.011	0.204	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	0.200	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	0.192	GNM
April	0.064	0.000	0.106	0.000	0.000	0.171	0.010	0.000	0.085	0.000	0.000	0.105	0.190	GNM
May	0.067	0.000	0.506	0.000	0.000	0.572	0.010	0.000	0.405	0.000	0.000	0.461	0.190	GNM
June	0.064	0.000	0.625	0.000	0.000	0.690	0.010	0.000	0.500	0.000	0.000	0.567	0.200	GNM
July	0.067	0.000	0.599	0.000	0.000	0.665	0.010	0.000	0.479	0.000	0.000	0.543	0.212	GNM
August	0.067	0.000	0.366	0.000	0.000	0.433	0.010	0.000	0.293	0.000	0.000	0.336	0.222	GNM
September	0.064	0.000	0.334	0.000	0.000	0.398	0.010	0.000	0.267	0.000	0.000	0.307	0.224	GNM
October	0.067	0.000	0.123	0.000	0.000	0.189	0.010	0.000	0.098	0.000	0.000	0.120	0.224	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	0.222	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	0.214	GNM
TOTALS -->	0.784	0.000	2.659	0.000	0.000	3.442	0.118	0.000	2.127	0.000	0.000	2.494	2.494	

Assumptions					
(1)	NUMBER OF RESIDENCES	2	(5)	# of Livestock @ 11 gals/day	0
	# persons/residence	3.5	(7)	% CU for Domestic/Commercial	15
	# gallons/person/day	100			
(2)	Pond Evaporation	AF Acres	(9)	% Lawn Irrig. Efficiency Consumption of Irrig. (af/ac)	80 2.059
(3)	Sq. Ft. of Lawn Irrigated Lawn Application Rate (af/ac)	45,000 2.573	(10)	% Crop Irrig. Efficiency Consumption of Irrig. (af/ac)	80 0.000
(4)	Acres of Crop Irrigated Crop Application Rate (af/ac)	0.00 0.000	(9-10)	Elevation (feet)	6188

Area A-4
Existing Permit No. 34295
Roaring Fork River
Type B Well

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



SUBJECT
PROPERTY

AREA A
BOUNDARY

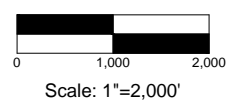


Figure 1: Tim & Carolyn Hagist

Water Allotment Contract Application
Basalt Water Conservancy District

APPLICATION FOR WATER ALLOTMENT CONTRACT
BASALT WATER CONSERVANCY DISTRICT

1. Applicant(s) Contact Information

- a. Name: Tim + Carolyn Hagist
- b. Mailing Address: 286 Willow Lane
Carbondale, CO 81623
- c. Street Address: 286 Willow Lane
Carbondale, CO 81623
- d. Telephone Numbers: 970-379-9726 / 970-379-7200
- e. Email Address: ~~timehagistexcavation.com~~
~~timehagistx.com~~ / cwoisheke@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:
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.): Additional Dwelling Unit and garage.

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 12 of Section 35, Township 7 South, Range 88 West of the 6th p.m.

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 _____.

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

Legal Description: NW Quarter, SE Quarter, Section 35, Township 7
N / (S) Range 88 E / (W), of the 6th Principal Meridian, at a location
2400 feet from the S Section line and 2050 feet
from the E Section line.

UTM Coordinates (NAD 83):

Northing: 4363701.4 

Easting: 311579.1

_____ 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.

Date on which the county or other applicable governmental entities approved the land use for which you seek legal water service: Pending 2nd dwelling unit permit approval. (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?

None

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

None

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 (one house, one ADU, one garage)

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 45,000 TH Sq. Ft. or ~~1.75~~ Acres

Type of irrigation system (please check)

Sprinkler

Flood (irrigation ditch)

Domestic stock watering (cattle, horses)

Number of animals: N/A

Period of use (months):

Other domestic/municipal uses not listed:

N/A

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:

