


Memorandum

To: BWCD BOARD OF DIRECTORS
From: ERIC MANGEOT
CC: CHRIS GEIGER 
Date: JANUARY 31, 2018
File: APPLICATION

Applicant Name: Kurt Trede

Type of Use: Domestic Commercial
Industrial Agricultural

Amount: 1.0 AF 0.033 cfs 15 gpm

Location: Area A 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 up to 2 single family residences and 16,500 square feet of lawn and landscape irrigation on a property owned by Kurt Trede (Applicant). Total contract depletions are 1.0 acre-feet as shown on the attached table.

The property is located within the Division 4 boundary and is located at 188 Willow Lane, Carbondale (Parcel No. 23933540027) in Garfield County as shown on **Figure 1**.

The source of supply is from the proposed Trede Well located in the NW1/4, SE1/4, Section 35, Township 7 South, Range 88 West of the 6th P.M. at a distance of 1,700 feet from the South section line and 2,200 feet from the East section line.

Water User :	Kurt Trede
Analysis Date :	January 31, 2018
District Area:	A
Source Series:	4
Maximum Demand:	15 (GPM)
	0.033 (CFS)

**BASALT WATER CONSERVANCY DISTRICT
WATER REQUIREMENTS**
(acre feet)

Month	Total Demand				Consumptive Use					*(13) Well Delayed Depletions	(14) Source of Aug/Replace			
	(1) Domestic In-house	(2) Commercial or Other	(3) Domestic Irrigation	(4) Commercial Irrigation	(5) Livestock	(6) TOTAL	(7) Domestic In-house	(8) Commercial or Other	(9) Domestic Irrigation			(10) Commercial 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	0.056	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	0.056	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	0.056	GNM
April	0.064	0.000	0.039	0.000	0.000	0.103	0.010	0.000	0.031	0.000	0.000	0.045	0.061	GNM
May	0.067	0.000	0.185	0.000	0.000	0.252	0.010	0.148	0.000	0.000	0.000	0.174	0.107	GNM
June	0.064	0.000	0.229	0.000	0.000	0.294	0.010	0.183	0.000	0.000	0.000	0.212	0.132	GNM
July	0.067	0.000	0.219	0.000	0.000	0.286	0.010	0.176	0.000	0.000	0.000	0.204	0.130	GNM
August	0.067	0.000	0.134	0.000	0.000	0.201	0.010	0.107	0.000	0.000	0.000	0.129	0.107	GNM
September	0.064	0.000	0.122	0.000	0.000	0.187	0.010	0.098	0.000	0.000	0.000	0.118	0.099	GNM
October	0.067	0.000	0.045	0.000	0.000	0.112	0.010	0.036	0.000	0.000	0.000	0.051	0.069	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	0.057	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	0.056	GNM
TOTALS -->	0.784	0.000	0.975	0.000	0.000	1.759	0.118	0.780	0.000	0.000	0.000	0.987	0.987	

Area A-4
Permit No. 235460-A, Type A Well
Roaring Fork River

(1)	NUMBER OF RESIDENCES		Assumptions		(5)	# of Livestock @ 11 gals/day	(7)	% CU for Domestic/Commercial	(9)	% Lawn Irrig. Efficiency Consumption of Irrig. (af/ac)	(10)	% Crop Irrig. Efficiency Consumption of Irrig. (af/ac)	(9-10)	Elevation (feet)
	# persons/residence	# gallons/person/day	2	3.5										
(2)	Commercial/Other Demand (af)	Office	100	15					80	2.088	80	0.000	6190	
(3)	Sq. Ft. of Lawn Irrigated	Lawn Application Rate (af/ac)	16,500	2,610					80	0.000				
(4)	Acres of Crop Irrigated	Crop Application Rate (af/ac)	0.00	0.000										

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

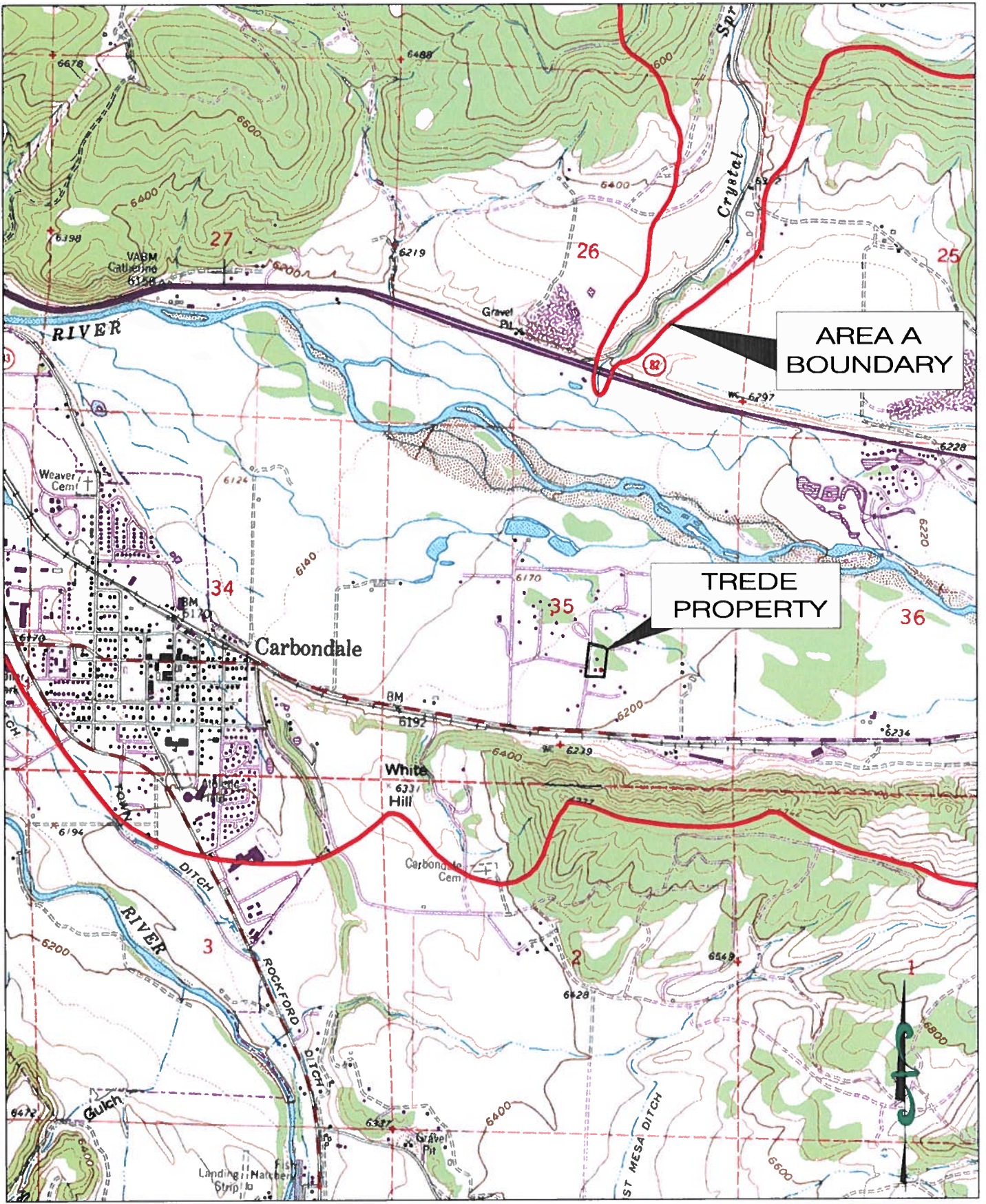


Figure 1: Kurt Trede

File 033-72
Date: 01/31/18

Basalt Water Conservancy District



Scale: 1"=2,000'

RESOURCE
ENGINEERING, INC.

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

APPLICATION FOR WATER ALLOTMENT CONTRACT
BASALT WATER CONSERVANCY DISTRICT

1. Applicant(s) Contact Information

- a. Name: Kurt Trede
- b. Mailing Address: Box 1144 Carbondale
- c. Street Address: 0188 Willow Lane
- d. Telephone Numbers: 970 963 1690 970 404 5093
- e. Email Address: cab 0188 @ centurylink.net
- 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: Carol Bruno 970-618-0590
0188 Willow Lane
- 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:

Applicant

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

Adding 1 Bedroom Cabin (GARCO Permit)

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)*:

0188 Willow Lane
Carbondale, CO

4. Elevation of property: 6200 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 Trede Well.

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

Legal Description: NW Quarter, SE Quarter, Section 35, Township 7 South
N / S Range 88 E / W of the 6th Principal Meridian, at a location
1700 feet from the South Section line and 2200 feet
from the East Section line.

UTM Coordinates (NAD 83): TBD by Eric

Northing: 4363510.66

Easting: 311580.51

_____ Zone 12 / Zone 13.

If diversion point is a well, please provide the Well Permit No. 235460-A *

Is the well operational/active? Yes, _____ No

** Needs to be amended for additional uses*

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. (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?

Well Permit 235460
Partnership Interest in the Union Ditch

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

Irrigation

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: 1

Duplex(s)

Number of Units: _____

Condominium(s)

Number of Units: _____

Apartment(s) Cabin

Number of Units/Rooms: 1 bedroom

Mobile Home(s)

Number of Units: _____

Irrigation (lawns, parks, open space)

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

Type of irrigation system (please check)

X Sprinkler

_____ Flood (irrigation ditch)

*Calculate for 1.0 AF
minimum*

Domestic stock watering (cattle, horses)

Number of animals:

Period of use (months):

Other domestic/municipal uses not listed:

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

COMMERCIAL WATER USES

N/A

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

N/A

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

N/A

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:

