


Memorandum

To: BWCD BOARD OF DIRECTORS
From: ERIC MANGEOT
CC: CHRIS GEIGER 
Date: APRIL 27, 2018
File: APPLICATION

Applicant Name: Dennis and Trish Cerise

Type of Use: Domestic Commercial
 Industrial Agricultural

Amount: 0.8 AF 0.067 cfs 30 gpm

Location: Area A Area B Inclusion
 County: GARFIELD Contiguous:
 BWCD Division: 5

Mid Valley Metro District Notice Required? Yes No

Blue Creek Water Rights Applied? Yes No

02CW77 Umbrella Plan Water Rights Applied? Yes No **Cost:** \$2,250

This application is to cover depletions associated with up to 4 single family residences, 10,000 square feet of lawn and landscape irrigation, and 2 livestock on a property owned Dennis and Trish Cerise; herein referred to as Applicants. Total contract depletions are 0.8 acre-feet as shown on the attached table.

The property is located within the Division 5 boundary and is located at 16724 Highway 82 near Carbondale in Garfield County as shown on **Figure 1** (Parcel No. 239132200046) and is approximately 16.46 acres. The Applicants are in the process of creating a 2 lot subdivision.

The source of supply for the two lots is as follows:

- Existing Well: located in the SE1/4, NW1/4, Section 32, Township 7 South, Range 87 West of the 6th P.M. at a distance of 1,327 feet from the North section line and 2,090 feet from the West section line (UTM Z13 Coordinate: 4364067.1 N, 316139.7 E).
- Proposed Well: located in the NE1/4, NW1/4, Section 27, Township 7 South, Range 88 West of the 6th P.M. at a distance of 1,200 feet from the North section line and 2,600 feet from the West section line (UTM Z13 Coordinate: 4364106.4 N, 316292.5 E).

Water User :	Dennis and Trish Cerise
Analysis Date :	April 27, 2018
District Area :	A
Source Series:	4
Maximum Demand:	30 0.067 (GPM) (CFS)

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

Month	Total Demand				Consumptive Use				*(13) Well Delayed Depletions	*(12) TOTAL	(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
January	0.133	0.000	0.000	0.000	0.002	0.135	0.020	0.000	0.000	0.000	0.002	0.024	0.045	GNM
February	0.120	0.000	0.000	0.000	0.002	0.122	0.018	0.000	0.000	0.000	0.002	0.022	0.045	GNM
March	0.133	0.000	0.000	0.000	0.002	0.135	0.020	0.000	0.000	0.000	0.002	0.024	0.045	GNM
April	0.129	0.000	0.020	0.000	0.002	0.151	0.019	0.000	0.016	0.000	0.002	0.041	0.049	GNM
May	0.133	0.000	0.110	0.000	0.002	0.246	0.020	0.000	0.088	0.000	0.002	0.121	0.086	GNM
June	0.129	0.000	0.138	0.000	0.002	0.269	0.019	0.000	0.111	0.000	0.002	0.145	0.106	GNM
July	0.133	0.000	0.132	0.000	0.002	0.267	0.020	0.000	0.105	0.000	0.002	0.140	0.105	GNM
August	0.133	0.000	0.080	0.000	0.002	0.215	0.020	0.000	0.064	0.000	0.002	0.095	0.086	GNM
September	0.129	0.000	0.073	0.000	0.002	0.204	0.019	0.000	0.058	0.000	0.002	0.088	0.079	GNM
October	0.133	0.000	0.025	0.000	0.002	0.160	0.020	0.000	0.020	0.000	0.002	0.046	0.066	GNM
November	0.129	0.000	0.000	0.000	0.002	0.131	0.019	0.000	0.000	0.000	0.002	0.023	0.046	GNM
December	0.133	0.000	0.000	0.000	0.002	0.135	0.020	0.000	0.000	0.000	0.002	0.024	0.045	GNM
TOTALS -->	1.568	0.000	0.578	0.000	0.025	2.171	0.235	0.000	0.462	0.000	0.025	0.794	0.794	

		Assumptions		Area A-4	
(1)	NUMBER OF RESIDENCES	4	(5) # of Livestock @ 11 gals/day	2	Type A Wells
	# persons/residence	3.5	(7) % CU for Domestic/Commercial	15	Blue Breek
	# gallons/person/day	100	(9) % Lawn Irrig. Efficiency	80	Permit No. 132668 / pending well
(2)	Commercial/Other Demand (af)	Office	(10) % Crop Irrig. Efficiency	2.038	
(3)	Sq. Ft. of Lawn Irrigated	10,000	(9-10) Elevation (feet)	80	
	Lawn Application Rate (af/ac)	2.548		0.000	
(4)	Acres of Crop Irrigated	0.00		6370	
	Crop Application Rate (af/ac)	0.000			

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

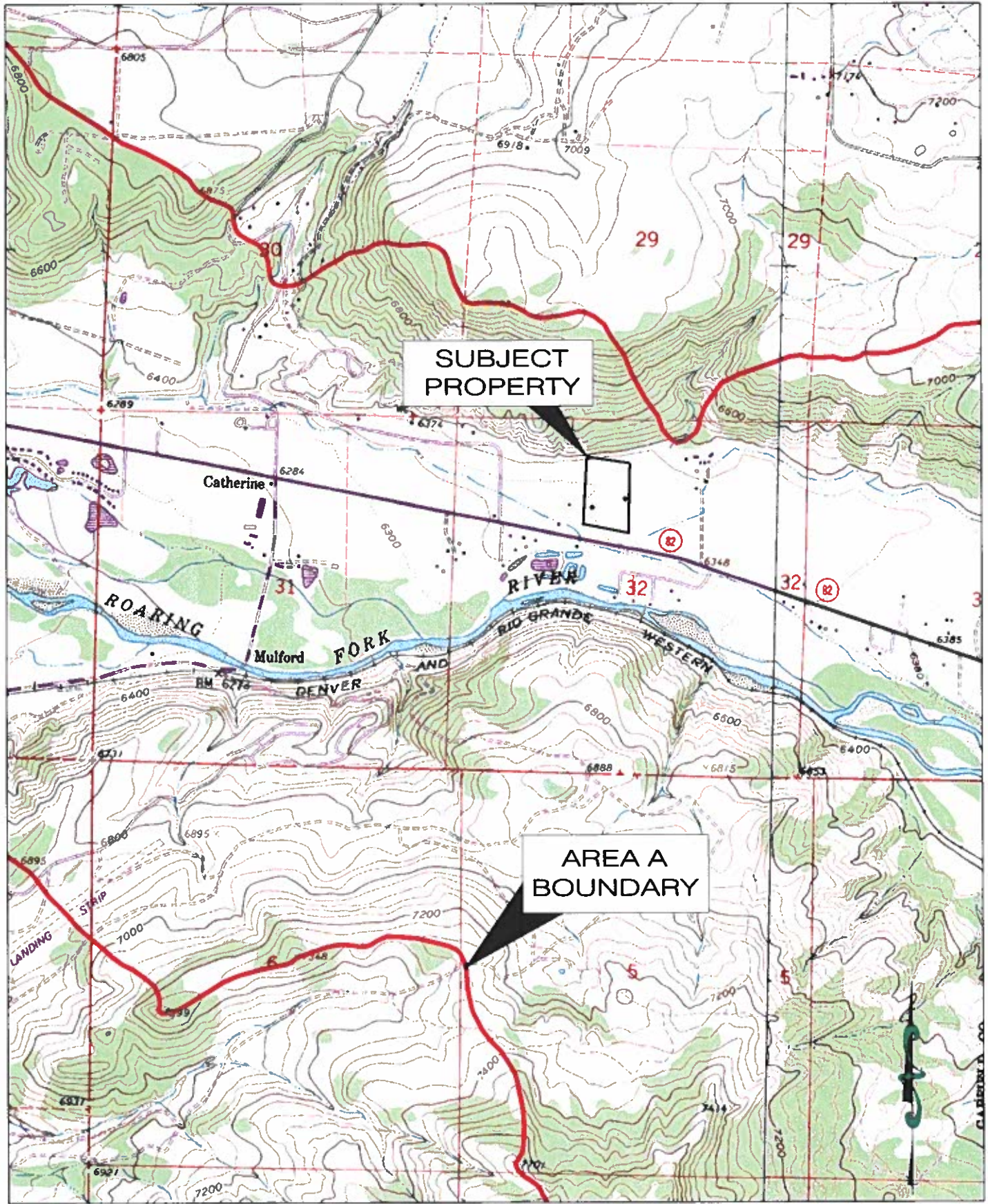
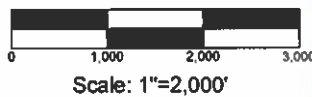


Figure 1: Dennis and Trish Cerise

File: 033-7.2
Date: 04/27/2018

Basalt Water Conservancy District



**RESOURCE
ENGINEERING, INC.**

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

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

- I. Applicant(s) Contact Information
 - a. Name: Denise and Trish Cerise
 - b. Mailing Address: 16724 Hwy 82, Carbondale, CO 81623
 - c. Street Address: same
 - d. Telephone Numbers: 970-963-3574
 - e. Email Address: denniscerise@sopris.net
 - f. If Applicant is represented by an Attorney, please provide the Attorney's contact information, including name, address, telephone, and email:
 - g. Emergency Local Contact Information, including name, address, telephone, and email: same as above
 - 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 with ADU
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 32 Township 7, Range 87 TR LT 7, Except TR Cont. 1.657 AC for HWY 82 ROW. Also a TR of Land Cont. 12.046 AC as Desc in BK 1207 PG396. BLA and BK 1207 PG 394 WD.
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 ___ Cerise Well (existing) Cerise Well 2 (proposed)

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

Existing well

Legal Description: ___160NW___ Quarter, ___40NE___ Quarter, Section ___32, Township 7S_ N / S, Range 87W E / W, of the 6th Principal Meridian, at a location _____ feet from the ___ Section line and _____ feet from the ___ Section line.

UTM Coordinates (NAD 83):

Northing: ___4364067.1___.

Easting: ___316139.7___.

___ Zone 12 / ___X___ Zone 13.

If diversion point is a well, please provide the Well Permit No. 132668_____.

Is the well operational/active? ___X___ Yes, ___ ___ No

Is there currently an operating well meter? ___ ___ Yes, ___ ___ No

Proposed well

Legal Description: ___160NW___ Quarter, ___40NE___ Quarter, Section ___32, Township 7S_ N / S, Range 87W E / W, of the 6th Principal Meridian, at a location ___1200___ feet from the ___N___ Section line and ___2600___ feet from the ___W___ Section line.

UTM Coordinates (NAD 83):

Northing: ___4364106.4___.

Easting: ___316292.5___.

___ Zone 12 / ___X___ Zone 13.

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

Is the well operational/active? ___ ___ Yes, ___X___ No

Is there currently an operating well meter? ___ ___ Yes, ___X___ 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 Fryingspan 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: In Process. (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?
Irrigation rights: Harris & Reed ditch, Blue Creek Lateral and North Spring

10. What other uses of water occur on the property?
Domestic use with water for livestock from well.
Irrigation ditched for flood irrigation on yard and field.

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 S.F. and 2 ADU</u> Total of 4 units
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 10,000 Sq. Ft. or 12-15 Acres *ER 4/27/12*

Type of irrigation system (please check)

X (yard) Sprinkler

~~X (field)~~ Flood (irrigation ditch)

Domestic stock watering (cattle, horses)

Number of animals: 2

Period of use (months): 12

Other domestic/municipal uses not listed:

