




Resource Engineering, Inc.
 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: APRIL 25, 2016
 File: APPLICATION

Applicant Name: Nicholas Brown & Sara Preston

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: 1

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 cover depletions associated with two single family dwellings and 1/3 acre (14,520 square feet) of lawn and landscape irrigation for a property owned by Nicholas Brown & Sara Preston (Applicants). Total contract depletions are 1.0 acre-feet as shown on the attached table.

The property is located within Division 1 of the District. The Applicants' property is a 1.55 acre parcel in Garfield County, Colorado. The parcel is located in the NW1/4 SE1/4 of Section 1, Township 7 South, Range 89 West of the 6th P.M. (Parcel No. 239501400116). The physical address of the property is 267 County Road 167, Glenwood Springs. A BWCD map is also attached showing the location of the property.

The source of water is a surface diversion from the Roaring Fork River located in the NW1/4 SE1/4 of Section 1, Township 7 South, Range 89 West of the 6th P.M. at a point 1919 feet from the South section line and 2044 feet from the East section line. The Duprey Well (Permit No. 19067, W-1266) provides the indoor domestic supply for the single family dwellings. However, this contract (if approved), will provide a backup domestic supply to the well in addition to the proposed irrigation.

Water User :	Nicholas Brown & Sara Preston
Analysis Date :	4/25/2016
District Area :	A
Source Series:	4
Maximum Demand:	15 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 GNM	
	(1) Domestic In-house	(2) Commercial or Other	(3) Lawn Irrigation	(4) Crop Irrigation	(5) Livestock	(6) TOTAL	(7) Domestic In-house	(8) Commercial or Other	(9) Lawn Irrigation	(10) Crop Irrigation			(11) Livestock
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	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	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	GNM
April	0.064	0.000	0.041	0.000	0.000	0.105	0.010	0.033	0.000	0.000	0.000	0.047	GNM
May	0.067	0.000	0.167	0.000	0.000	0.234	0.010	0.134	0.000	0.000	0.000	0.158	GNM
June	0.064	0.000	0.203	0.000	0.000	0.267	0.010	0.162	0.000	0.000	0.000	0.189	GNM
July	0.067	0.000	0.196	0.000	0.000	0.262	0.010	0.157	0.000	0.000	0.000	0.183	GNM
August	0.067	0.000	0.121	0.000	0.000	0.187	0.010	0.097	0.000	0.000	0.000	0.117	GNM
September	0.064	0.000	0.110	0.000	0.000	0.174	0.010	0.088	0.000	0.000	0.000	0.107	GNM
October	0.067	0.000	0.044	0.000	0.000	0.111	0.010	0.036	0.000	0.000	0.000	0.050	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	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	GNM
TOTALS -->	0.784	0.000	0.882	0.000	0.000	1.666	0.118	0.000	0.706	0.000	0.000	0.906	

(1)	Assumptions		(5)	(7)	(9)	(10)	(9-10)	*(12), (13)
	NUMBER OF RESIDENCES	# persons/residence						
	2	3.5	# of Livestock @ 11 gals/day	0	Area A-4	Surface Diversion	0	
(2)	Commercial/Other Demand (af)	0.000	% CU for Domestic/Commercial	15	No Delayed Depletions	Roaring Fork River	15	
(3)	Sq. Ft. of Lawn Irrigated	14,520	% Lawn Irrig. Efficiency	80			80	
	Lawn Application Rate (af/ac)	2.692	Consumption of Irrig. (af/ac)	2.154			2.154	
(4)	Acres of Crop Irrigated	0.000	% Irrig. Efficiency	80			80	
	Crop Application Rate (af/ac)	0.000	Consumption of Irrig. (af/ac)	0.000			0.000	
			Elevation (feet)	5950			5950	

*Total Includes 5% Transit Loss
10% from Green Mtn.

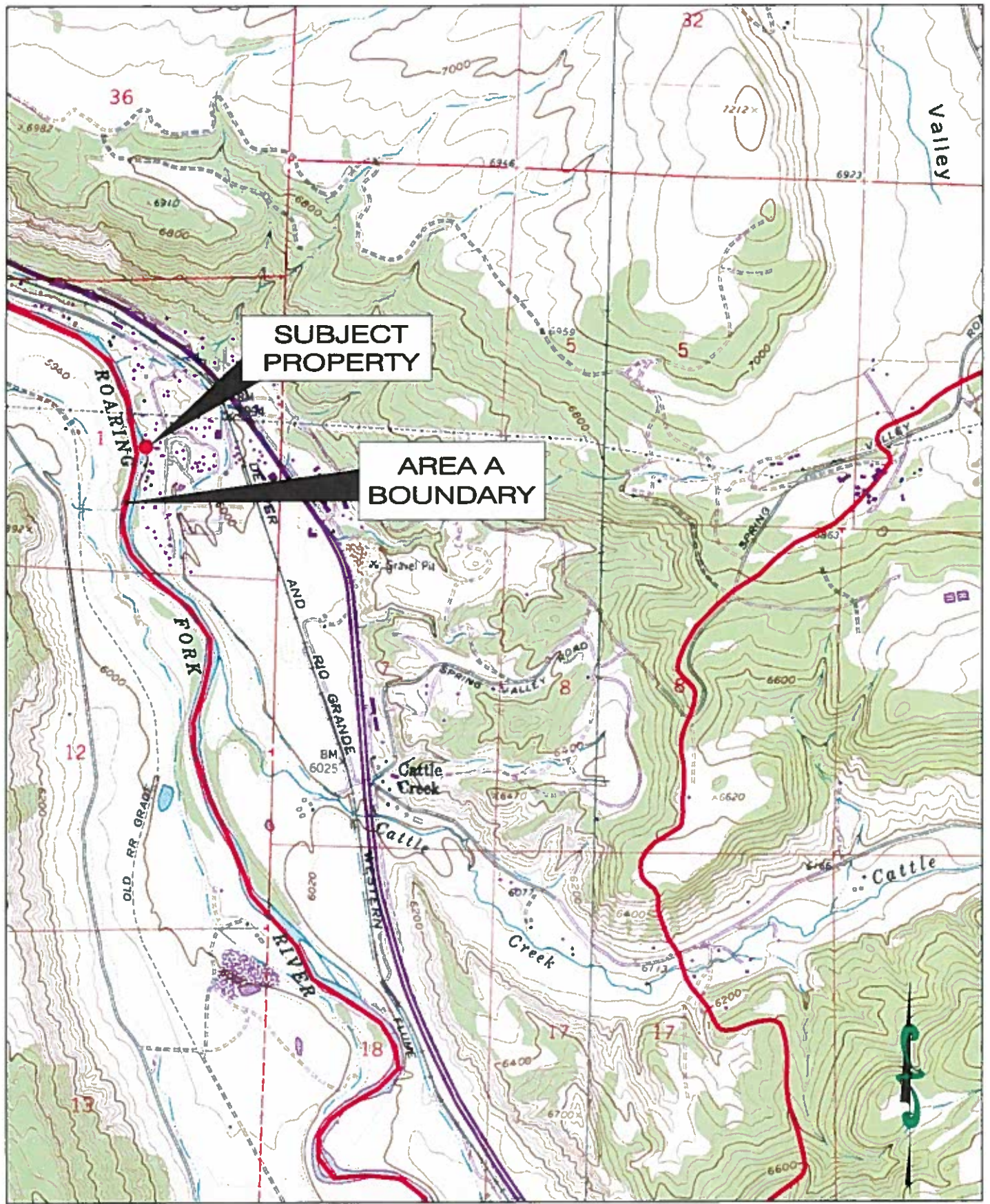


Figure 1: Nicholas Brown & Sara Preston

Basalt Water Conservancy District

File: 633-7.2
Date: 04/25/18



Scale: 1"=2,000'

**RESOURCE
ENGINEERING, INC.**

909 Colorado Avenue
Glenwood Springs, CO 81601
(970) 845-8777 Voice 845-1137 Facsimile

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

1. Applicant(s) Contact Information

- a. Name: NICHOLAS BROWN & SARA PRESTON
- b. Mailing Address: PO BOX 1202
CARBONDALE CO 81623
- c. Street Address: 267 County RD 167
GLENWOOD SPRINGS CO 81601
- d. Telephone Numbers: 970-510-0076
- e. Email Address: nick@nsbphoto.com
- 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:
- 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:

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 (attach map and vesting deed with proof of ownership)*:

WARRANTY DEED ATTACHED

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 ROARING Fork RIVER.

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

Legal Description: NW Quarter, SE Quarter, Section 1, Township 7
N / (S) Range 89 E / (W) of the 6th Principal Meridian, at a location
1919 feet from the S Section line and 2044 feet
from the E Section line.

UTM Coordinates (NAD 83):

Northing: 4371594.23.

Easting: 304302.33.

_____ Zone 12 / X 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: _____. (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

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

Duprey WIZlele

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: _____
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 _____ Sq. Ft. or 1/3 Acres

Type of irrigation system (please check)

X Sprinkler

_____ Flood (irrigation ditch)

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

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:

