




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: APRIL 22, 2021
File: APPLICATION AND INCLUSION

Applicant Name: Ray Simpson

Type of Use: Domestic Commercial _____
 Industrial _____ Agricultural _____

Amount: 1.2 AF 0.004 cfs 2 gpm

Location: Area A A-1 Area B _____ Inclusion
 County: EAGLE Contiguous: No (to inclusion boundary)
 BWCD Division: 7

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 0.32 surface acre pond on a 30.11 acre parcel of land owned by Ray Simpson (Applicant) Total contract depletions are estimated at 1.2 acre-feet (AF) as shown on the attached tables.

The Applicant's property above Ruedi Reservoir located generally in Section 6, Township 8 South, Range 84 West of the 6th P.M. in Eagle County (Parcel No. 2471-062-00-004) as shown on **Figure 1**. The physical address of the property is 810 Ruedi Creek Road. The property is outside of the Division 7 boundary and requires inclusion into the District.

The source of water for the pond is the Eureka Ditch located in the NW1/4 NE1/4 of Section 1, Township 8 South, Range 85 West of the 6th P.M. The pond is located in the SW1/4 NW1/4 of Section 6, Township 8 South, Range 84 West of the 6th P.M. UTM NAD 83 Zone 13 Northing: 4361267, Easting: 343159.

A copy of the water requirement table is attached along with a BWCD map showing the location of the property.

Water User :	Ray Simpson	
Analysis Date :	April 22, 2021	
District Area:	A-1	
Source Series:	4	
Maximum Demand:	2	0.004
	(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	0.000	0.011	0.000	0.000	0.000	0.011	0.000	0.011	0.000	0.000	0.000	0.012	0.012	GNM
February	0.000	0.032	0.000	0.000	0.000	0.032	0.000	0.032	0.000	0.000	0.000	0.036	0.036	GNM
March	0.000	0.064	0.000	0.000	0.000	0.064	0.000	0.064	0.000	0.000	0.000	0.071	0.071	GNM
April	0.000	0.096	0.000	0.000	0.000	0.096	0.000	0.096	0.000	0.000	0.000	0.107	0.107	GNM
May	0.000	0.133	0.000	0.000	0.000	0.133	0.000	0.133	0.000	0.000	0.000	0.148	0.148	GNM
June	0.000	0.165	0.000	0.000	0.000	0.165	0.000	0.165	0.000	0.000	0.000	0.184	0.184	GNM
July	0.000	0.171	0.000	0.000	0.000	0.171	0.000	0.171	0.000	0.000	0.000	0.190	0.190	GNM
August	0.000	0.139	0.000	0.000	0.000	0.139	0.000	0.139	0.000	0.000	0.000	0.154	0.154	GNM
September	0.000	0.117	0.000	0.000	0.000	0.117	0.000	0.117	0.000	0.000	0.000	0.130	0.130	GNM
October	0.000	0.080	0.000	0.000	0.000	0.080	0.000	0.080	0.000	0.000	0.000	0.089	0.089	GNM
November	0.000	0.043	0.000	0.000	0.000	0.043	0.000	0.043	0.000	0.000	0.000	0.047	0.047	GNM
December	0.000	0.016	0.000	0.000	0.000	0.016	0.000	0.016	0.000	0.000	0.000	0.018	0.018	GNM
TOTALS -->	0.000	1.067	0.000	0.000	0.000	1.067	0.000	1.067	0.000	0.000	0.000	1.185	1.185	

Assumptions						
(1)	NUMBER OF RESIDENCES	0		(5)	# of Livestock @ 11 gals/day	0
	# persons/residence	3.5		(7)	% CU for Domestic/Commercial	15
	# gallons/person/day	100				
(2)	Commercial/Other Demand (af)	0.000	Office	(9)	% Lawn Irrig. Efficiency	80
	Pond Evaporation	1.067	AF		Consumption of Irrig. (af/ac)	0.000
		0.32	Acres			
(3)	Sq. Ft. of Lawn Irrigated	0		(10)	% Crop Irrig. Efficiency	80
	Lawn Application Rate (af/ac)	0.000			Consumption of Irrig. (af/ac)	0.000
(4)	Acres of Crop Irrigated	0.00		(9-10)	Elevation (feet)	8387
	Crop Application Rate (af/ac)	0.000				

Area A-1
Pond Evaporation Only
Ruedi Creek (Eureka Ditch)
No Delayed Depl.

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

**TABLE 1
EVAPORATION CALCULATION - SIMPSON**

Month	SEO Monthly Distribution	(1) Gross Lake Evaporation		(2) Average Precipitation		(3) Effective Precipitation		(4) Net Evaporation		(5) Total Pond Evaporation
		(feet)	(inches)	(feet)	(inches)	(feet)	(inches)	(feet)	(inches)	(acre-feet)
January	1.0%	0.03	0.40	0.10	1.20	0.00	0.00	0.03	0.40	0.011
February	3.0%	0.10	1.20	0.09	1.03	0.00	0.00	0.10	1.20	0.032
March	6.0%	0.20	2.40	0.10	1.20	0.00	0.00	0.20	2.40	0.064
April	9.0%	0.30	3.60	0.10	1.24	0.00	0.00	0.30	3.60	0.096
May	12.5%	0.42	5.00	0.11	1.32	0.00	0.00	0.42	5.00	0.133
June	15.5%	0.52	6.20	0.11	1.30	0.00	0.00	0.52	6.20	0.165
July	16.0%	0.53	6.40	0.13	1.59	0.00	0.00	0.53	6.40	0.171
August	13.0%	0.43	5.20	0.14	1.71	0.00	0.00	0.43	5.20	0.139
September	11.0%	0.37	4.40	0.14	1.64	0.00	0.00	0.37	4.40	0.117
October	7.5%	0.25	3.00	0.12	1.38	0.00	0.00	0.25	3.00	0.080
November	4.0%	0.13	1.60	0.10	1.23	0.00	0.00	0.13	1.60	0.043
December	1.5%	0.05	0.60	0.10	1.25	0.00	0.00	0.05	0.60	0.016
	100.0%	3.33	40.00	1.34	16.09	0.00	0.00	3.33	40.00	1.067

(1) = Monthly distribution of gross annual evaporation rate in accordance with SEO General Criteria.

(2) = Monthly precipitation from local weather station.

(3) = Equal to 0 per State Policy No. 2004-3.

(4) = Net Evaporation = Column (1) - Column (3)

(5) = Column (4) x Open Water Surface Area (0.32 acres) x Column (4) in feet.

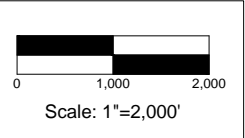
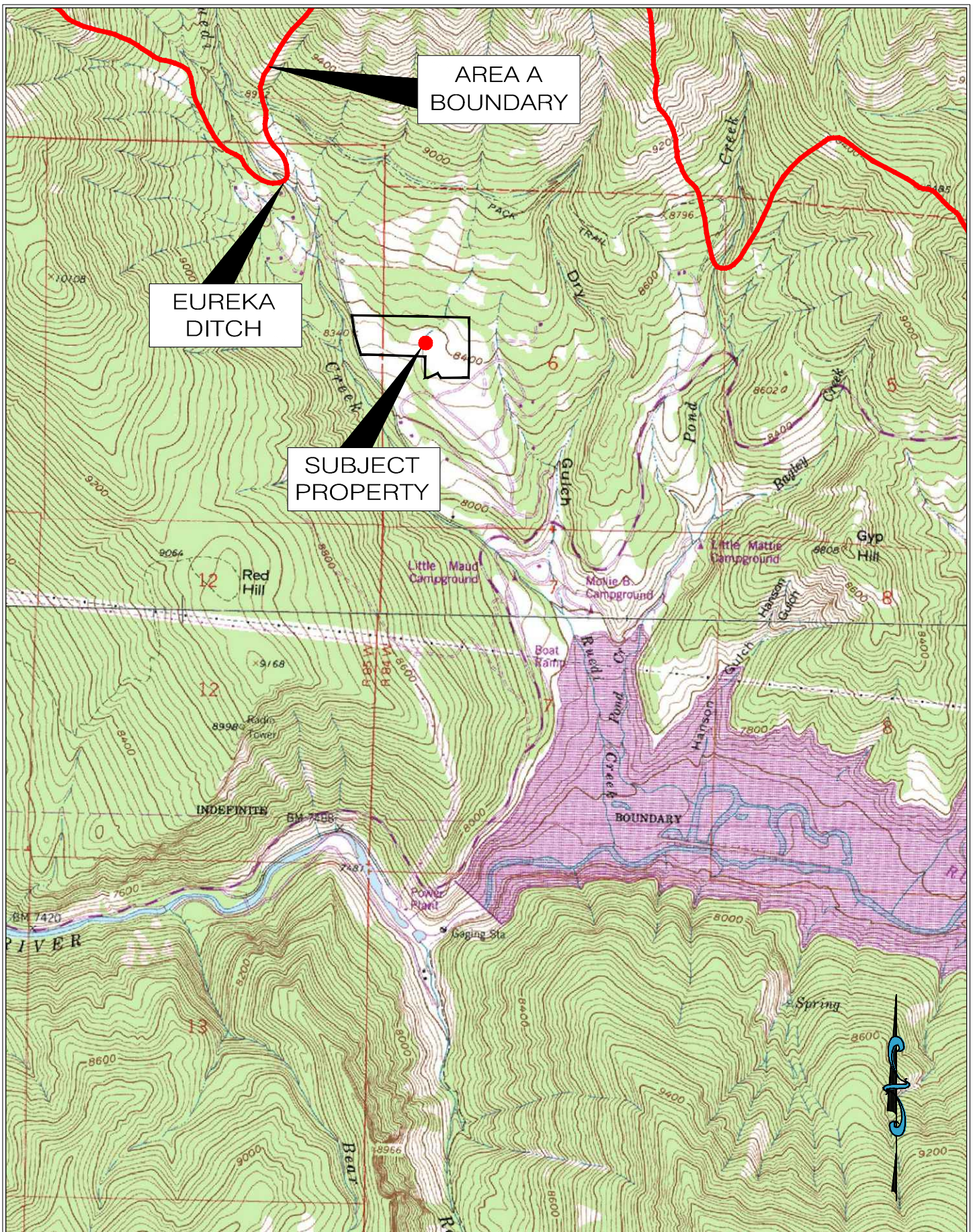


Figure 1: Ray Simpson
 Water Allotment Contract Application
 Basalt Water Conservancy District

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

1. Applicant Contact Information

- a. Name: **Ray Simpson**
- b. Mailing Address: **P.O. Box 2916
Basalt, CO 81621**
- c. Street Address: **810 Ruedi Creek Rd.
Basalt, CO 81621**
- d. Telephone Numbers: **(970) 379-8575**
- e. Email Address: **ray@savagexco.com**
- f. If Applicant is represented by an Attorney, please provide the Attorney's contact information, including name, address, telephone, and email:

**Scott Miller
Patrick, Miller & Noto, P.C.
229 Midland Ave.
Basalt, CO 81621
(970) 920-1030
miller@waterlaw.com**

- g. Emergency Local Contact Information, including name, address, telephone, and email:

**Ray Simpson
810 Ruedi Creek Rd.
Basalt, CO 81621
(970) 379-8575
ray@savagexco.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: **N/A.**
2. Type of land use (development) proposed for water allotment contract (i.e. single family home, subdivision, gravel pit, etc.): **Single Family Residence.**
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)*:

The physical address of the property is 810 Ruedi Creek Rd., Basalt, CO 81621. A legal description of the property is attached as Exhibit A. A map of the property is attached as Exhibit B. The vesting deed with proof of ownership is attached as Exhibit C.

4. Elevation of property: _____ 6–7,000 ft., _____ 7–8,000 ft., X 8–9,000 ft.
5. Name and legal description of water supply diversion point(s):

Name of Diversion: **N/A.**

Type of Diversion: **Pond (Pond Evaporation) fed by natural runoff and deliveries via the Eureka Ditch.**

Legal Description: **SW Quarter, NW Quarter, Section 6, Township 8 S, Range 84 W, of the 6th Principal Meridian.**

UTM Coordinates (NAD 83):

Northing: 4361267.

Easting: 343159.

Zone 13.

If diversion point is a well, please provide the Well Permit No. N/A .

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: N/A.

- 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: N/A. (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?

0.134 c.f.s. absolute and 0.14 c.f.s. conditional, in the Eureka Ditch, with the priority date of May 1, 1890, as decreed in Civil Action No. 1491, District Court, Garfield County.

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

Eureka Ditch: Irrigation.

VERIFICATION

STATE OF Colorado)
) ss.
COUNTY OF Eagle)

I, Ray Simpson (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: 4-1-21

By: Ray Simpson
Print Name: Ray Simpson
Title: Owner

Subscribed and sworn before me this 1st day of April, 2021 by
Ray Simpson.

Witness my hand and seal.



Notary Public

My commission expires: 7/28/2024

