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: OCTOBER 23, 2018

File: APPLICATION

Applicant Name: Haarukka, LLC (Parcel ID 264316402001)

Type of Use: Domestic __X__ Commercial _____
Industrial _____ Agricultural _____

Amount: __0.1__AF __0.033__cfs __15__ gpm

Location: Area A __X__ Area B _____ Inclusion __X__
County: _PITKIN_ Contiguous: _No_ (To Division Boundary)
BWCD Division: _6_

Mid Valley Metro District Notice Required? Yes____ No__X__

Blue Creek Water Rights Applied? Yes____ No__X__

02CW77 Umbrella Plan Water Rights Applied? Yes_X_ No_____ **Cost:** __$2,000__

This application is to cover depletions associated with an accessory dwelling unit (ADU; 1.0 EQR). Total contract depletions are 0.1 acre-feet (AF) as shown on the attached table. Depletions will occur on an 8.729 acre property owned by Haarukka, LLC (Applicant) located at 114 Woods Road. The property requires inclusion into the District as it is located outside of the Division 6 boundary. The inclusion request is was previously approved by the District. A BWCD map is attached showing the location of the property.

The sources of supply are the Beaver Spring Ditch & Pipeline Nos. 1, 2, 3, & 4. The springs are located in the SW1/4 SE1/4 of Section 16, Township 9 South, Range 85 West of the 6th P.M. at a point 291 feet from the South section line and 2,380 feet from the East section line of said Section 16 (UTM NAD 83: 4347704.9 N; 337228.7 E).

Water User :	Haarukka, LLC
Analysis Date :	October 23, 2018
District Area:	A
Source Series:	4
Maximum Demand:	15 (GPM) 0.033 (CFS)

BASALT WATER CONSERVANCY DISTRICT
WATER REQUIREMENTS
(acre feet)

	Total Demand						Consumptive Use						
Month	(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	***(12) TOTAL**	(13) Source of Aug/Replace
January	0.033	0.000	0.000	0.000	0.000	**0.033**	0.005	0.000	0.000	0.000	0.000	**0.005**	GNM
February	0.030	0.000	0.000	0.000	0.000	**0.030**	0.005	0.000	0.000	0.000	0.000	**0.005**	GNM
March	0.033	0.000	0.000	0.000	0.000	**0.033**	0.005	0.000	0.000	0.000	0.000	**0.005**	GNM
April	0.032	0.000	0.000	0.000	0.000	**0.032**	0.005	0.000	0.000	0.000	0.000	**0.005**	GNM
May	0.033	0.000	0.000	0.000	0.000	**0.033**	0.005	0.000	0.000	0.000	0.000	**0.005**	GNM
June	0.032	0.000	0.000	0.000	0.000	**0.032**	0.005	0.000	0.000	0.000	0.000	**0.005**	GNM
July	0.033	0.000	0.000	0.000	0.000	**0.033**	0.005	0.000	0.000	0.000	0.000	**0.005**	GNM
August	0.033	0.000	0.000	0.000	0.000	**0.033**	0.005	0.000	0.000	0.000	0.000	**0.005**	GNM
September	0.032	0.000	0.000	0.000	0.000	**0.032**	0.005	0.000	0.000	0.000	0.000	**0.005**	GNM
October	0.033	0.000	0.000	0.000	0.000	**0.033**	0.005	0.000	0.000	0.000	0.000	**0.005**	GNM
November	0.032	0.000	0.000	0.000	0.000	**0.032**	0.005	0.000	0.000	0.000	0.000	**0.005**	GNM
December	0.033	0.000	0.000	0.000	0.000	**0.033**	0.005	0.000	0.000	0.000	0.000	**0.005**	GNM
TOTALS -->	0.392	0.000	0.000	0.000	0.000	**0.392**	0.059	0.000	0.000	0.000	0.000	**0.065**	

Area A-3
Spring Diversions
for ADU

Assumptions

(1)	NUMBER OF RESIDENCES	1	(5)	# of Livestock @ 11 gals/day	0
	# persons/residence	3.5			
	# gallons/person/day	100	(7)	% CU for Domestic/Commercial	15
(2)	Commercial/Other Demand (af)	0.000 Office	(9)	% Lawn Irrig. Efficiency	80
				Consumption of Irrig. (af/ac)	0.000
(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)	7390
	Crop Application Rate (af/ac)	0.000			

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

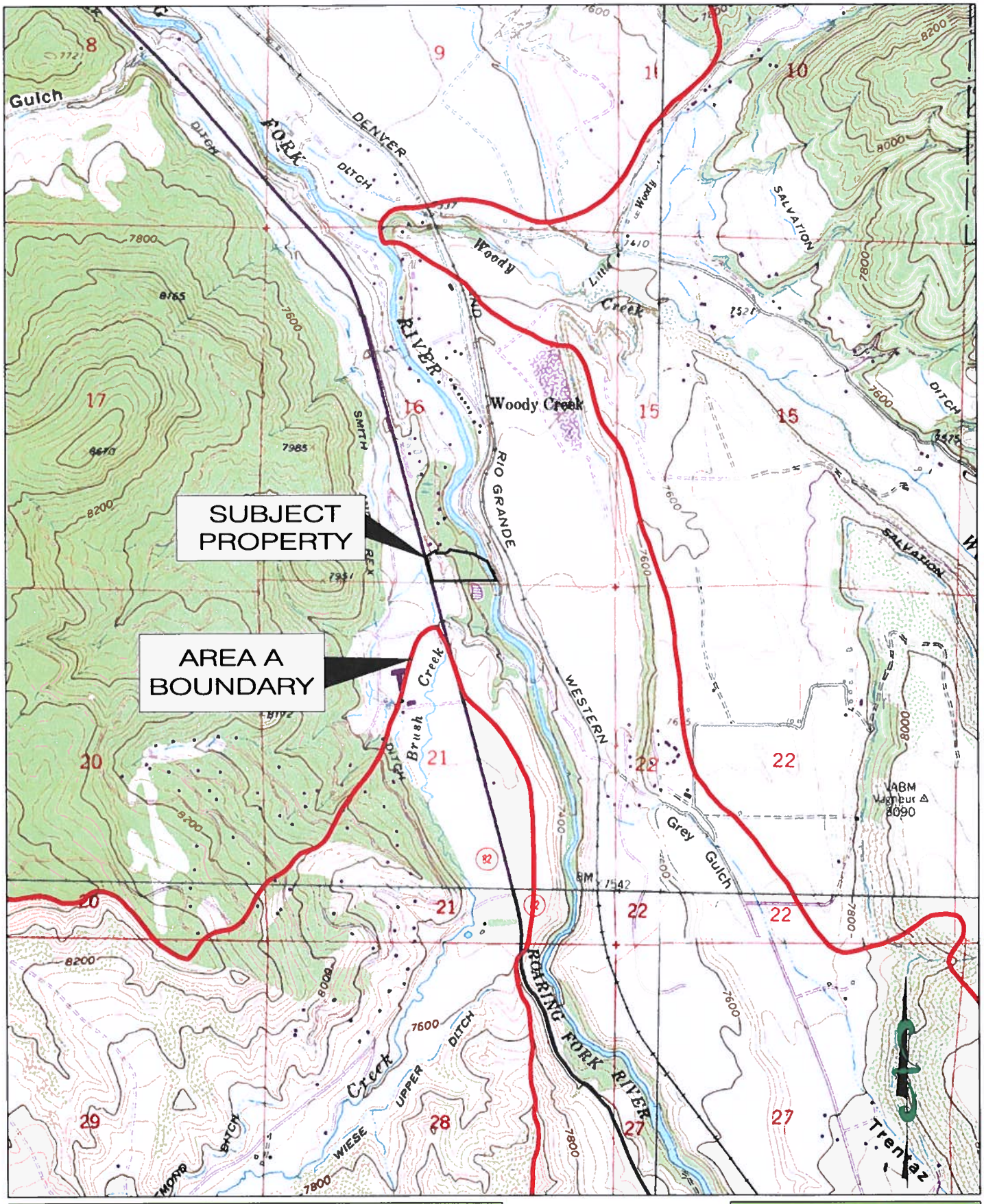

Figure 1: Haarukka, LLC

File: 033-7.2
Date: 10/23/2018

Basalt Water Conservancy District

0 1,000 2,000 3,000

Scale: 1"=2,000'

RESOURCE ENGINEERING, INC.
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Rev. 03/13

APPLICATION FOR WATER ALLOTMENT CONTRACT
BASALT WATER CONSERVANCY DISTRICT

1. Applicant(s) Contact Information

a. Name: **Haarukka LLC**

b. Mailing Address: **c/o David B. Korte**
Korte & Kowatch
15 Iona Ave. SW #505
Grand Rapids, MI 49503

c. Street Address: **114 Woods Road**
Woody Creek, CO 81656

d. Telephone Numbers: **(616) 774-2727**

e. Email Address: jstriegle@korteandkowatch.com

f. If Applicant is represented by an Attorney, please provide the Attorney's contact information, including name, address, telephone, and email:

~~Rhonda J. Bazil~~ Sara M. Dunn
~~Rhonda J. Bazil, P.C.~~ Balcomb & Green, P.C.
~~420 E. Main Street, Suite 240~~ 818 Colorado Ave
~~Aspen, CO 81611~~ Glenwood Springs, CO 81602
~~(970) 925-7171~~ (970)928-3467
~~rjbazil@sopris.net~~ sarad@balcombgreen.com

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

Joseph Upton
Cell: 517-420-8963
Office: 970-925-1670
Email: sefgar@gmail.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:

Joseph Upton
Cell: 517-420-8963
Office: 970-925-1670
Email: sefgar@gmail.com

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

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)*: **See deed included with the Petition for Inclusion.**

4. Elevation of property: _____ 6-7,000 ft., ___X___ 7-8,000 ft., _____ 8-9,000 ft.

5. Name and legal description of water supply diversion point(s):

   Name of Diversions: **Beaver Spring Ditch & Pipeline Spring Nos. 1, 2, 3, & 4.**

   Type of Diversion: **Springs.**

   Decreed Legal Descriptions, Case No. CA 5884:

   Spring No. 1 – is located North 25°28' West 80.50 feet from Spring No. 2.
   Spring No. 2 – is located at a point whence the Southeast corner of Section 16, Township 9 South, Range 85 West, 6th P.M. bears South 79°55' East 2597.93 feet.

   Spring No. 3 – is located at a point South 78°39' East 108.40 feet from Spring No. 3.
   Spring No. 4 – is decreed with two legal descriptions 1) located at a point South 20°38' East 108.40 feet from Spring No. 3 and 2) located at a point whence the Southeast corner of Section 16, Township 9 South, Range 85 West of the 6th PM bears South 82°10' East 2435.60 feet .

   UTM Coordinates (NAD 83) from CDSS. All springs have the same UTM coordinates on CDSS:

   Northing: 4347704.9; Easting: 337228.7.

   _____ Zone 12 / _X___ Zone 13.

   If diversion point is a well, please provide the Well Permit No.: **NA.**

   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)

__X__ 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
__X__ Septic tank/leachfield system
_____ Evapotranspiration system
_____ Other:

8. Proposed use of water (please check)

__x__ 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: **Currently seeking 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? **The Beaver Spring Trout Ponds and the Beaver Spring Ditch and Pipeline is a combination of ponds and ten springs, Beaver Spring Ditch and Pipeline Springs Nos. 1-10. The Beaver Spring Trout Ponds and the Beaver Spring Ditch and Pipeline Springs Nos. 1-10 were decreed in Case No. CA5884 for 1.5 c.f.s. for recreational and piscatorial purposes and for 0.5 c.f.s. for irrigation purposes. Additionally, Beaver Spring Ditch and Pipeline Springs Nos. 1-4 were decreed for 0.35 c.f.s. for domestic use. It is these four springs that will be the source of the domestic water for this application.**

10. What other uses of water occur on the property? **There is also a well on the property, Well Permit No. 80598, that is permitted for the two single-family homes. This well is owned by the Applicant and its neighbor so cannot be used for a second unit on this property.**

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) Number of Units/Rooms: _____

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)

_____ Sprinkler

_____ Flood (irrigation ditch)

Domestic stock watering (cattle, horses)

Number of animals:

Period of use (months):

Other domestic/municipal uses not listed:

VERIFICATION

_____)
) ss.
_____)

Grand Duchy of Luxembourg
City of Luxembourg
Embassy of the United States of America

I, **Nick Groos,** 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: October 16, 2018

By: _____

Print Name: Nick Groos

Title: Manager

Subscribed and sworn before me this 16 day of October, 2018, by Nick Groos as Manager of Haarukka LLC.

Witness my hand and seal.

EMBASSY OF THE UNITED STATES OF AMERICA LUXEMBOURG

My commission expires: N/A

_____
~~Notary Public~~

Chinwe Obianwu
Consul