


# Memorandum

**To:** BWCD BOARD OF DIRECTORS  
**From:** ERIC MANGEOT  
**CC:** CHRIS GEIGER   
**Date:** MAY 1, 2018  
**File:** APPLICATION

**Applicant Name:** Steven Koski

**Type of Use:** Domestic  Commercial   
 Industrial  Agricultural

**Amount:** 0.6 AF 0.033 cfs 15 gpm

**Location:** Area A  Area B  Inclusion   
 County: EAGLE Contiguous:   
 BWCD Division: 6

**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 single family residence, 10,000 square feet of lawn and landscape irrigation, and a hot tub on a property owned by Steven Koski; herein referred to as the Applicant. Total contract depletions are 0.6 acre-feet as shown on the attached tables. The depletions include an annual fill of the hot tub in May.

The property is located within the Division 6 boundary and is located at 350 Big Pinon Drive near El Jebel in Eagle County as shown on **Figure 1**. The property is also known as Lot 4 of Laura J Estates. The property contains 2.6 acres.

The source of supply is from the Koski Well (a/k/a Laura J Lot 4 Well; Permit No. 81877-F) located in the SE1/4, SW1/4, Section 2, Township 8 South, Range 87 West of the 6th P.M. at a distance of 1,055 feet from the South section line and 2,284 feet from the West section line (UTM Z13 4361218 N, 321025 E).

BWCD Contact No. 190 is also associated with this property and is in the District's 98 Consolidated Decree, but only covers a single family home and 2,500 square feet of irrigation. The purpose of the new contract is to cover an additional home or ADU, an additional 10,000 square feet of irrigation, and a hot tub. The Applicant will amend the existing well permit once to reference both contracts once the new contract is in effect.

Water User :	Steven Koski
Analysis Date :	May 1, 2018
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) Well Delayed Depletions	(14) Source of Aug/Replace GNM				
	(1) Domestic In-house	(2) May Fill + Evap.	(3) Domestic Irrigation	(4) Agriculture	(5) Livestock	(6) TOTAL	(7) Domestic In-house	(8) May Fill + Evap.			(9) Domestic Irrigation	(10) Agriculture	(11) Livestock	(12) TOTAL
January	0.033	0.0000	0.000	0.000	0.000	0.033	0.005	0.0000	0.000	0.000	0.000	0.006	0.047	GNM
February	0.030	0.0001	0.000	0.000	0.000	0.030	0.005	0.0001	0.000	0.000	0.000	0.005	0.046	GNM
March	0.033	0.0003	0.000	0.000	0.000	0.034	0.005	0.0003	0.000	0.000	0.000	0.006	0.044	GNM
April	0.032	0.0004	0.018	0.000	0.000	0.050	0.005	0.0004	0.014	0.000	0.000	0.021	0.044	GNM
May	0.033	0.0075	0.109	0.000	0.000	0.149	0.005	0.0075	0.087	0.000	0.000	0.109	0.044	GNM
June	0.032	0.0007	0.137	0.000	0.000	0.170	0.005	0.0007	0.110	0.000	0.000	0.127	0.046	GNM
July	0.033	0.0007	0.130	0.000	0.000	0.164	0.005	0.0007	0.104	0.000	0.000	0.121	0.049	GNM
August	0.033	0.0006	0.079	0.000	0.000	0.113	0.005	0.0006	0.063	0.000	0.000	0.075	0.051	GNM
September	0.032	0.0005	0.072	0.000	0.000	0.105	0.005	0.0005	0.057	0.000	0.000	0.069	0.052	GNM
October	0.033	0.0003	0.023	0.000	0.000	0.057	0.005	0.0003	0.018	0.000	0.000	0.026	0.052	GNM
November	0.032	0.0002	0.000	0.000	0.000	0.032	0.005	0.0002	0.000	0.000	0.000	0.006	0.051	GNM
December	0.033	0.0001	0.000	0.000	0.000	0.033	0.005	0.0001	0.000	0.000	0.000	0.006	0.050	GNM
TOTALS -->	0.392	0.0113	0.567	0.000	0.000	0.971	0.059	0.0113	0.454	0.000	0.000	0.576	0.576	

Area A-4  
Permit No. 81877-F, Type B Well  
Roaring Fork River

(1)	Assumptions				(5)	(7)	(9)	(10)	(12), (13)
	NUMBER OF RESIDENCES	# persons/residence	# gallons/person/day	Livestock					
(2)	Commercial/Other Demand (af)	0.000	Office						
(3)	Hot Tub Evap Total Volume	0.0043	AF						
(4)	Sq. Ft. of Lawn Irrigated	10,000	Gallons						
(4)	Lawn Application Rate (af/ac)	2.496							
(4)	Acres of Crop Irrigated	0.00							
(4)	Crop Application Rate (af/ac)	0.000							

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

**TABLE 1  
EVAPORATION CALCULATION - >6,500 FEET HOT TUB**

Month	SEO Monthly Distribution	(1) Gross Lake Evaporation		(2) Average Precipitation		(3) Effective Precipitation		(4) Net Evaporation		(5) Total Evaporation
		(feet)	(inches)	(feet)	(inches)	(feet)	(inches)	(feet)	(inches)	(acre-feet)
January	1.0%	0.04	0.45	0.07	0.84	0.00	0.00	0.04	0.45	0.0000
February	3.0%	0.11	1.35	0.07	0.79	0.00	0.00	0.11	1.35	0.0001
March	6.0%	0.23	2.70	0.05	0.58	0.00	0.00	0.23	2.70	0.0003
April	9.0%	0.34	4.05	0.11	1.35	0.00	0.00	0.34	4.05	0.0004
May	12.5%	0.47	5.63	0.09	1.02	0.00	0.00	0.47	5.63	0.0005
June	15.5%	0.58	6.98	0.14	1.73	0.00	0.00	0.58	6.98	0.0007
July	16.0%	0.60	7.20	0.10	1.14	0.00	0.00	0.60	7.20	0.0007
August	13.0%	0.49	5.85	0.17	1.99	0.00	0.00	0.49	5.85	0.0006
September	11.0%	0.41	4.95	0.16	1.96	0.00	0.00	0.41	4.95	0.0005
October	7.5%	0.28	3.38	0.13	1.57	0.00	0.00	0.28	3.38	0.0003
November	4.0%	0.15	1.80	0.07	0.80	0.00	0.00	0.15	1.80	0.0002
December	1.5%	0.06	0.68	0.11	1.32	0.00	0.00	0.06	0.68	0.0001
	<b>100.0%</b>	<b>3.75</b>	<b>45.00</b>	<b>1.26</b>	<b>15.09</b>	<b>0.00</b>	<b>0.00</b>	<b>3.75</b>	<b>45.00</b>	<b>0.0043</b>

(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 (0.001 acres) x Column (4) in feet.

Surface Area = 50.27 square feet  
0.001 acres

Volume = 2,256 gallons  
0.01 AF



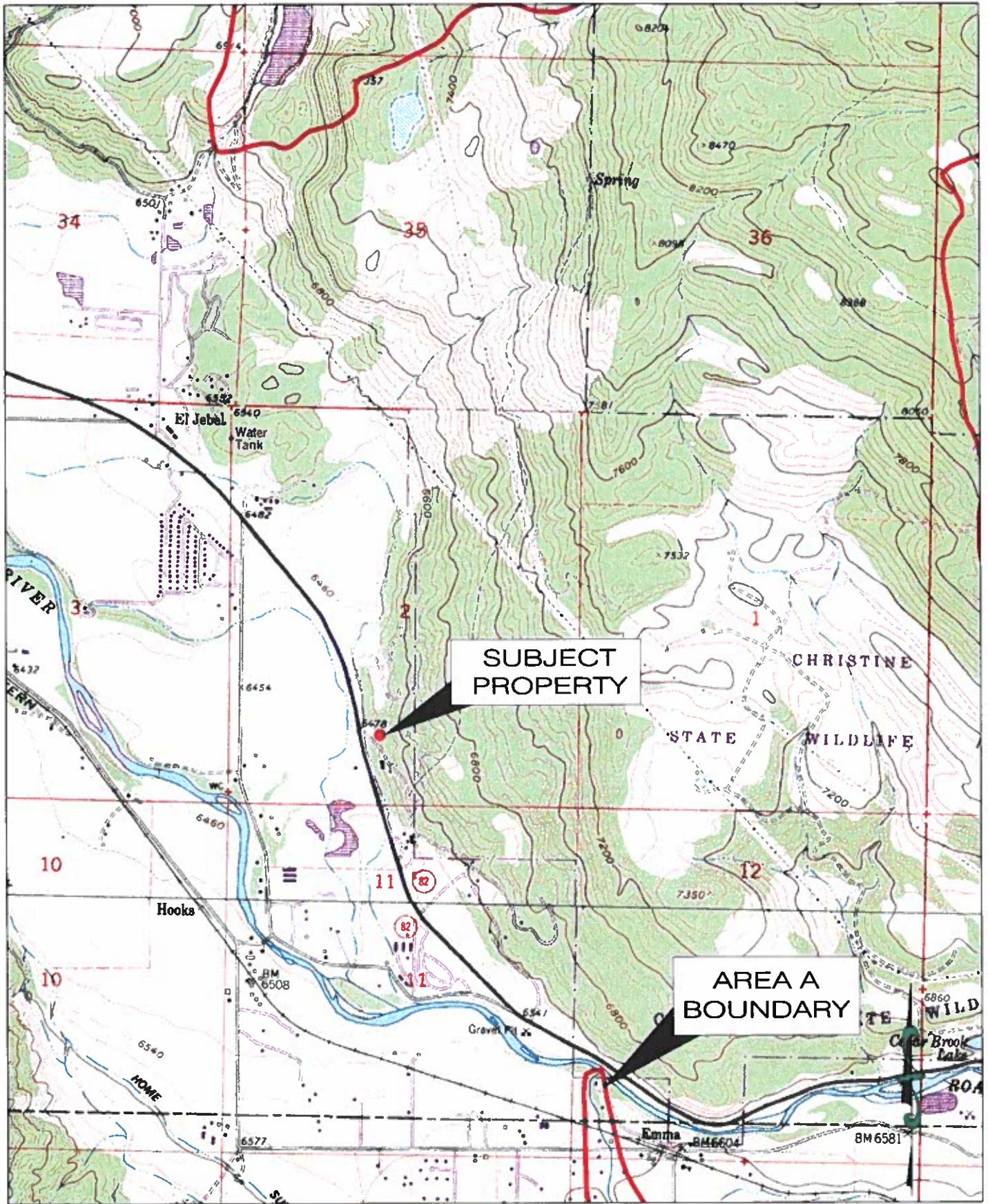
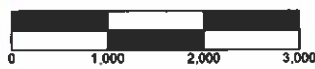


Figure 1: Steven Koski

File: 033-7.2  
Date: 05/01/2018

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: STEVEN + STEPHANIE KOSKI
- b. Mailing Address: 306 RABBIT RD  
CARBONDALE CO 81623
- c. Street Address: 4350 BIG PINION DR  
BASALT CO 81621
- d. Telephone Numbers: 970 274 0944
- e. Email Address: Steven@tomroachfloors.com
- f. If Applicant is represented by an Attorney, please provide the Attorney's contact information, including name, address, telephone, and email:  
NA
- g. Emergency Local Contact Information, including name, address, telephone, and email:  
Jacob Koski 970 379 4959
- 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.): 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)\*:

LOT 4 LAURA J ESTATES

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 KOSKI WELL.

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

Legal Description: SE Quarter, SW Quarter, Section 2, Township 8  
N / (S) Range 87 E / (W) of the 6<sup>th</sup> Principal Meridian, at a location  
\_\_\_\_\_ feet from the \_\_\_\_\_ Section line and \_\_\_\_\_ feet  
from the \_\_\_\_\_ Section line.

UTM Coordinates (NAD 83):

Northing: 4361218.0

Easting: 321025.0

\_\_\_\_\_ Zone 12 /  Zone 13.

If diversion point is a well, please provide the Well Permit No. 81877-F.

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: 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?

BWCD CONTRACT 190

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

N/A

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>1</u>
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 \_\_\_\_\_ 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: 1 HOT TUB W/ ANNUAL FILL IN

MAY



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:

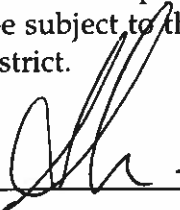
VERIFICATION

STATE OF COLORADO )  
 ) ss.  
COUNTY OF GARFIELD )

I, STEVEN KOSKI (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: 4-11-18

By: 

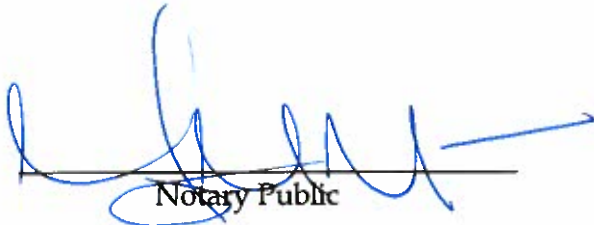
Print Name: Steven Koski

Title: OWNER

Subscribed and sworn before me this 11 day of April, 2018  
by STEVEN KOSKI.

Witness my hand and seal.  
MELODY MORRIS  
NOTARY PUBLIC  
STATE OF COLORADO  
NOTARY ID 19964009424  
MY COMMISSION EXPIRES JUNE 28, 2020  
My commission expires:

06/28/2020

  
Notary Public