



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 *EM*
CC: CHRIS GEIGER
Date: DECEMBER 7, 2016
File: APPLICATION – DAVID L. MOLLENBERG

Applicant Name: David L. Mollenberg

Type of Use: Domestic Commercial
 Industrial Agricultural

Amount: 1.2 AF 0.067 cfs 30 gpm

Location: Area A A-4 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 is to cover depletions associated with two single family dwellings and 15,000 square feet (0.35 acres) of lawn and landscape irrigation for David L. Mollenberg (Applicant). The Applicant owns a 1.49 acre lot located at 2127 County Road 154 near Glenwood Springs, Colorado (Parcel No. 218527100022) and is located in Division 1 of the District. Total depletions associated with this contract are 1.2 acre-feet (AF) as estimated by Resource Engineering, Inc.

In house diversions and irrigation are to be from the Bowling Well (Permit No. 76607) located in the NE1/4 NE1/4 of Section 27, Township 6 South, Range 89 West, of the 6th P.M. at a point 604 feet from the North section line and 899 feet from the East section line. The Applicant will need to amend their well permit to reflect the additional uses if the contract is approved.

A surface diversion may also be used for irrigation. The proposed surface diversion is located in the NE1/4 NE1/4 of Section 27, Township 6 South, Range 89 West, of the 6th P.M. at a point 712 feet from the North section line and 981 feet from the East section line.

If approved, the contract would cover the maximum monthly depletions whether or not the irrigation occurs from the well (lagged depletions) or surface diversion (instantaneous depletions). A copy of the water requirement table and calculation sheets are attached along with a BWCD map showing the location of the property.

Water User :	David L. Mollenberg
Analysis Date :	December 7, 2016
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						*(14) Max. Month Depletions	*(13) Well Delayed Depletions	(15) 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	(12) TOTAL
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	0.054	0.054	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	0.054	0.054	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	0.054	0.054	GNM
April	0.064	0.000	0.046	0.000	0.000	0.110	0.010	0.000	0.037	0.000	0.000	0.051	0.058	0.058	GNM
May	0.067	0.000	0.174	0.000	0.000	0.241	0.010	0.000	0.139	0.000	0.000	0.164	0.164	0.164	GNM
June	0.064	0.000	0.210	0.000	0.000	0.275	0.010	0.000	0.168	0.000	0.000	0.196	0.196	0.196	GNM
July	0.067	0.000	0.203	0.000	0.000	0.270	0.010	0.000	0.163	0.000	0.000	0.190	0.190	0.190	GNM
August	0.067	0.000	0.126	0.000	0.000	0.193	0.010	0.000	0.101	0.000	0.000	0.122	0.122	0.122	GNM
September	0.064	0.000	0.115	0.000	0.000	0.179	0.010	0.000	0.092	0.000	0.000	0.112	0.112	0.112	GNM
October	0.067	0.000	0.048	0.000	0.000	0.115	0.010	0.000	0.039	0.000	0.000	0.053	0.066	0.066	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	0.055	0.055	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	0.054	0.054	GNM
TOTALS -->	0.784	0.000	0.923	0.000	0.000	1.707	0.118	0.000	0.738	0.000	0.000	0.941	0.941	1.177	

Assumptions

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
NUMBER OF RESIDENCES	2												
# persons/residence	3.5												
# gallons/person/day	100												
Commercial/Other Demand (af)	0.000	Office											
Sq. Ft. of Lawn Irrigated	15,000												
Lawn Application Rate (af/ac)	2.730												
Acres of Crop Irrigated	0.00												
Crop Application Rate (af/ac)	0.000												

Area A-4
Well Type A - Permit No. 76607
Roaring Fork River

*(12), (13), (14) Total Includes 5% Transit Loss
10% from Green Min.

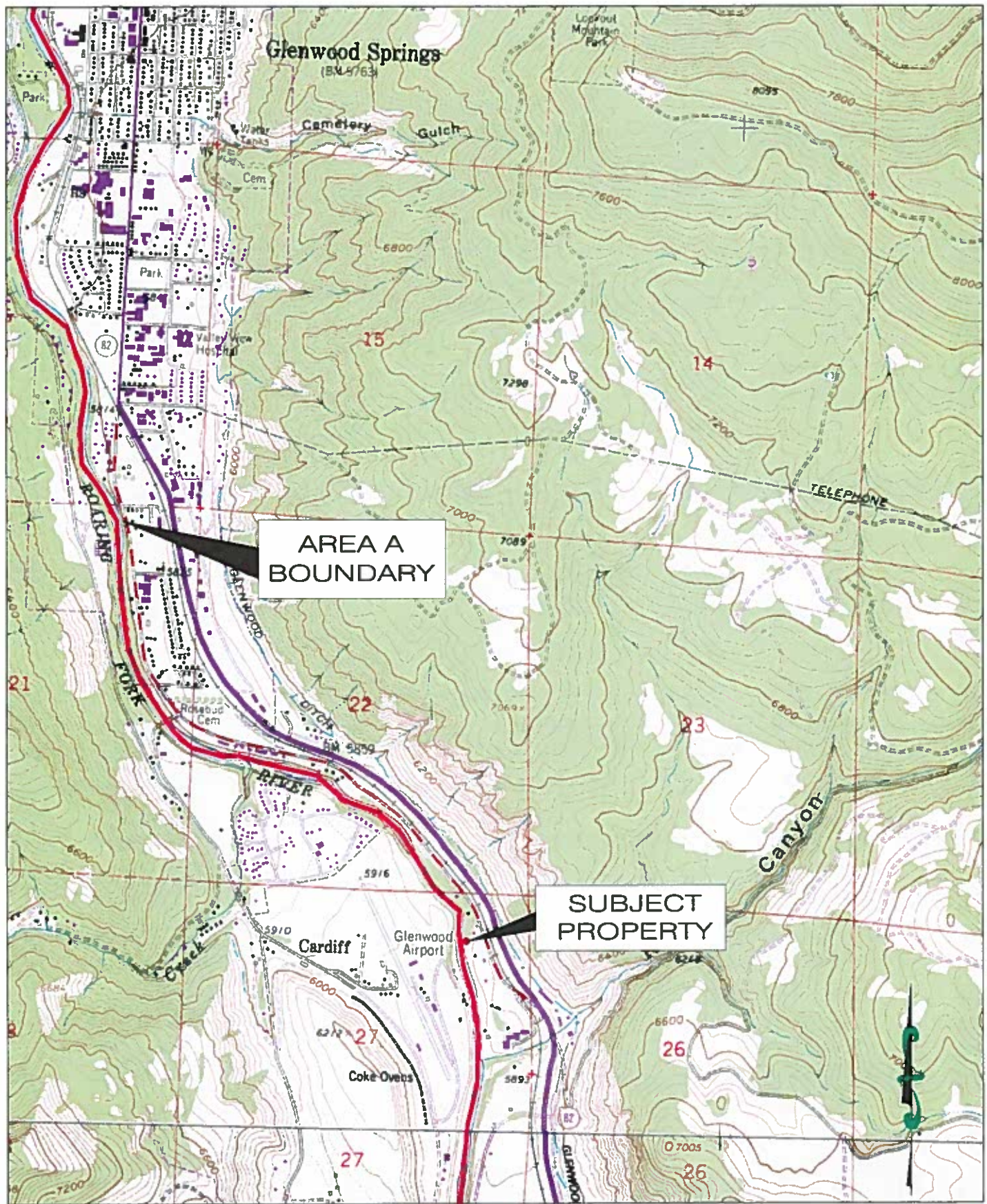


Figure 1: David L. Mollenberg

File 033-7.2
Date: 12/07/16

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: DAVID L. MOLLENBERG

b. Mailing Address:

2127 CR 154
GWS, CO 81601

c. Street Address:

SAME

d. Telephone Numbers:

775-240-5741

e. Email Address:

DMOLLENBERG@GMAIL.COM

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

N/A

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

SAME

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.):

SFH + AOU

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)*:

2127 CR 154
GWS, CO 81601

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 BOWLING WELL

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

Legal Description: NE Quarter, NE Quarter, Section 27 Township 6
N / (S) Range 89 E / (W) of the 6th Principal Meridian, at a location
604 feet from the N Section line and 899 feet
from the E Section line.

+ SURFACE DIVERSION
NE 1/4 NE 1/4 SECT. 27 T6S R89W
712 N 921 E SW

UTM Coordinates (NAD 83):

Northing: _____

Easting: _____

_____ Zone 12 / _____ Zone 13.

If diversion point is a well, please provide the Well Permit No. 76607.

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: UNKNOWN. (Note: Copy of the Resolution of other documentation evidencing such approval should be submitted with application.)
ADU APPROVAL IN PROCESS

9. What other water rights are associated with or used on the property?

N/A

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: 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 15,000 Sq. Ft. or _____ Acres

Type of irrigation system (please check)

X Sprinkler

_____ Flood (irrigation ditch)

Domestic stock watering (cattle, horses)

Number of animals:

N/A

Period of use (months):

Other domestic/municipal uses not listed:

N/A

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 GRENFIELD)

I, DAVID L. MOLENBERG (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: 6/16/16

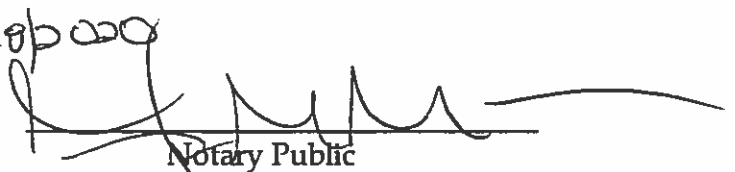
By: 

Print Name: DAVID L. MOLENBERG

Title: OWNER

Subscribed and sworn before me this 16 day of JUNE, 2016
by DAVID MOLENBERG

Witness my hand and seal. 06/28/2016


Notary Public

My commission expires:

MELODY MORRIS
NOTARY PUBLIC
STATE OF COLORADO
NOTARY ID 19964009424
MY COMMISSION EXPIRES JUNE 28, 2020