RESOURCE ENGINEERING INC.

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 28, 2015

File: APPLICATION – MICHAEL G. ROSENBERG

Applicant Name: Michael G. Rosenberg

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

Amount: __1.0__ AF __0.033__ cfs __15__ gpm

Location: Area A __A-4__ Area B _____ Inclusion _____
County: __GARFIELD__ Contiguous: _____
BWCD Division: __5__

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:** __$1,200__

This application is to cover depletions associated with a single family dwelling and ADU (2 EQRs), 15,500 square feet of lawn and landscape irrigation, and 5 livestock (horses) for an existing lot owned by Michael G. Rosenberg (Applicant). The lot is located at 17665 Highway 82 in Garfield County (Parcel No. 239133300012) and is located in Division 5 of the District. Total depletions are 1.0 acre-feet (AF) as estimated by Resource Engineering, Inc.

Diversions are to be from an existing well (Permit No. 110772) located in the SW1/4 NE1/4 of Section 32, Township 7 South, Range 87 West, of the 6th P.M. at a point 2,310 feet from the North section line and 1,980 feet from the East section line. The Applicant is required to repermit the well as a "-F" well and install a totalizing flow meter once the contract is approved and is active.

Other uses on this property, such as the Palmer Pipeline and Corral Pond are included in BWCD Contact No. 144a and are associated with a private augmentation plan (Case No. 92CW349).

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

Water User :	Michael G. Rosenberg	
Analysis Date :	April 28, 2015	
District Area:	A	
Source Series:	4	
Maximum Demand:	15	0.033
	(GPM)	(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) Delayed Depletions	(13) Source of Aug/Replace
January	0.067	0.000	0.000	0.000	0.005	0.072	0.010	0.000	0.000	0.000	0.005	0.017	**0.056**	GNM
February	0.060	0.000	0.000	0.000	0.005	0.065	0.009	0.000	0.000	0.000	0.005	0.015	**0.056**	GNM
March	0.067	0.000	0.000	0.000	0.005	0.072	0.010	0.000	0.000	0.000	0.005	0.017	**0.056**	GNM
April	0.064	0.000	0.031	0.000	0.005	0.100	0.010	0.000	0.024	0.000	0.005	0.043	**0.061**	GNM
May	0.067	0.000	0.171	0.000	0.005	0.242	0.010	0.000	0.136	0.000	0.005	0.167	**0.106**	GNM
June	0.064	0.000	0.214	0.000	0.005	0.283	0.010	0.000	0.171	0.000	0.005	0.204	**0.132**	GNM
July	0.067	0.000	0.204	0.000	0.005	0.275	0.010	0.000	0.163	0.000	0.005	0.196	**0.130**	GNM
August	0.067	0.000	0.123	0.000	0.005	0.195	0.010	0.000	0.099	0.000	0.005	0.125	**0.106**	GNM
September	0.064	0.000	0.113	0.000	0.005	0.182	0.010	0.000	0.090	0.000	0.005	0.115	**0.098**	GNM
October	0.067	0.000	0.038	0.000	0.005	0.110	0.010	0.000	0.030	0.000	0.005	0.050	**0.069**	GNM
November	0.064	0.000	0.000	0.000	0.005	0.070	0.010	0.000	0.000	0.000	0.005	0.016	**0.057**	GNM
December	0.067	0.000	0.000	0.000	0.005	0.072	0.010	0.000	0.000	0.000	0.005	0.017	**0.056**	GNM
TOTALS -->	0.784	0.000	0.893	0.000	0.062	1.738	0.118	0.000	0.714	0.000	0.062	0.983	**0.983**	

Area A-4
Type A Alluvial Well
Roaring Fork River

Assumptions

(1)	NUMBER OF RESIDENCES	2	(5)	# of Livestock @ 11 gals/day	5
	# 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)	2.030
(3)	Sq. Ft. of Lawn Irrigated	15,500	(10)	% Crop Irrig. Efficiency	80
	Lawn Application Rate (af/ac)	2.538		Consumption of Irrig. (af/ac)	0.000
(4)	Acres of Crop Irrigated	0.00	(9-10)	Elevation (feet)	6400
	Crop Application Rate (af/ac)	0.000			

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

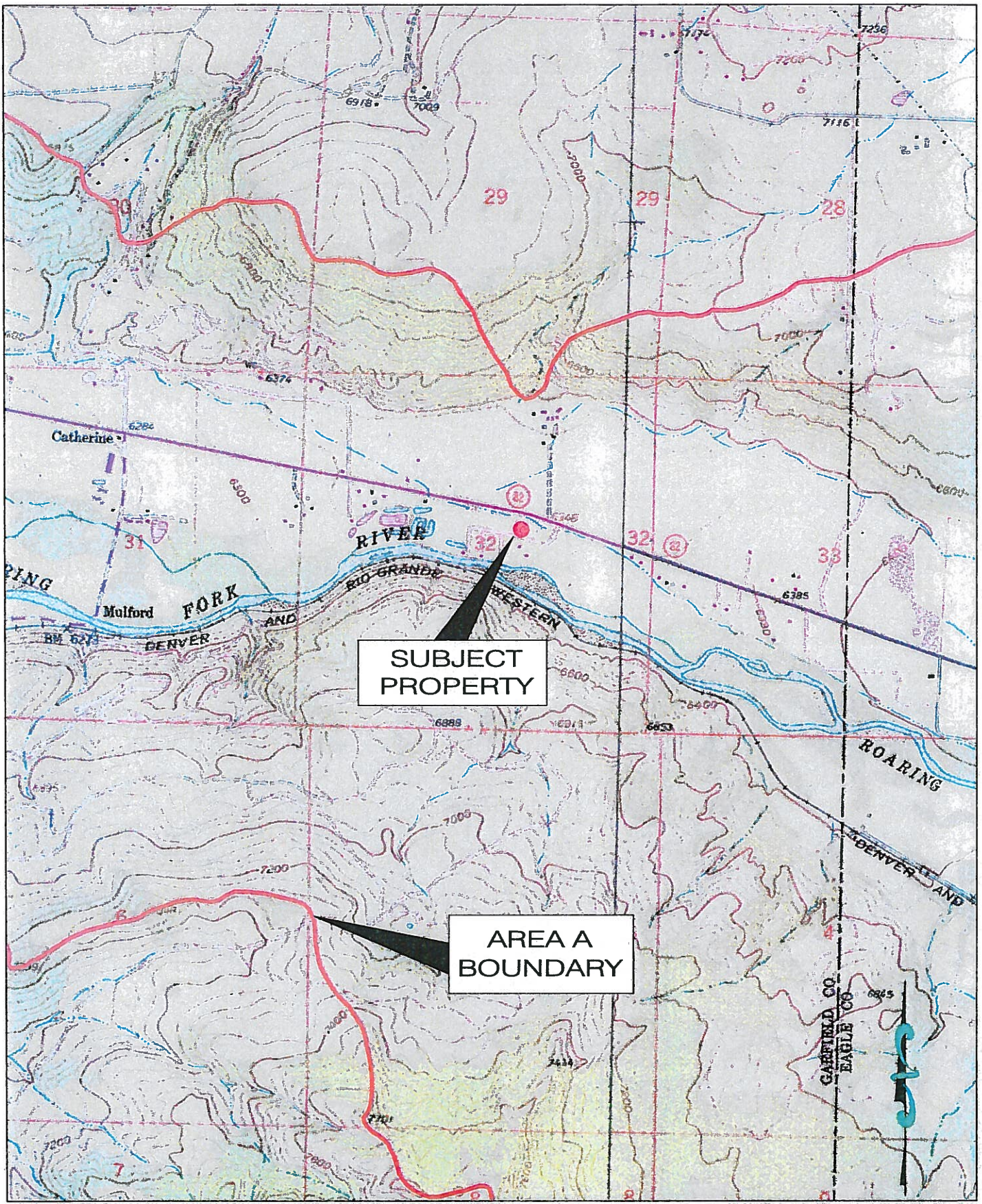

Figure 1: Michael G. Rosenberg

File: 033-7.2
Date: 04/28/15

Basalt Water Conservancy District

0 1,000 2,000 3,000

Scale: 1"=2,000'

RESOURCE ENGINEERING, INC.
909 Colorado Avenue
Glenwood Springs, CO 81601
(970) 945-6777 Voice 945-1137 Facsimile

Rev. 03/13

APPLICATION FOR WATER ALLOTMENT CONTRACT
BASALT WATER CONSERVANCY DISTRICT

1. Applicant(s) Contact Information

   a. Name: Michael G Rosenberg

   b. Mailing Address: 17665 Highway 82

      Carbondale, CO 81623

   c. Street Address:
      same as above

   d. Telephone Numbers: 970-259-7501

   e. Email Address: mgr@lobo.net

   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: Rachel I R Lyon
      1604 Secrest, Golden, CO 80401
      503 381 9428

   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: NA

2. Type of land use (development) proposed for water allotment contract (i.e. single family home, subdivision, gravel pit, etc.): Rural Residential Agriculture Zoning,

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)*: 138 Flying Fish Rd. Carbondale CO 81623

4. Elevation of property: _X_____ 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__Rosenberg Well_____.

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

   Legal Description: __SW____ Quarter, _NE_____ Quarter, Section _32_, Township __7__ N /[S] Range _87____ E /[W] of the 6th Principal Meridian, at a location ___2310_____ feet from the _1980____ Section line and _____ feet from the ____ Section line.

   UTM Coordinates (NAD 83):

   Northing: _____.

   Easting: _____.

   _____ Zone 12 / _____ Zone 13.

   If diversion point is a well, please provide the Well Permit No. ___110772
   .

Is the well operational/active? __X__ Yes, _____ No

Is there currently an operating well meter? _____ Yes, __X__ 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: unknown at this time.
(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?
Palmer Pipeline, Corral Pound, BWCD Contract # 144
92-CW-274
92-CW-349
93-CW-319
04-CW-093
92-CW-348

10. What other uses of water occur on the property?
Irrigation, pond evaporation covered under other water rights above.

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 home & 1 ADU

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 15,500 Sq. Ft. or _____ Acres

Type of irrigation system (please check)

X Sprinkler

_____ Flood (irrigation ditch)

Domestic stock watering (cattle, horses)

Number of animals: 5 horses

Period of use (months): 12

Other domestic/municipal uses not listed:

VERIFICATION

STATE OF COLORADO_____)
) ss.
COUNTY OF EAGLE_____)

I, __MICHAEL G. ROSNEBERG_____ (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: 4/27/15 By: _____

Print Name: *MICHAEL G. ROSENBERG*

Title: *OWNER*

Subscribed and sworn before me this 27 day of April, 2015
by __MICHAEL G ROSENBERG_____.

Witness my hand and seal.

Notary Public

My commission expires:

09/27/2016

MAYDA C TORRES
NOTARY PUBLIC
STATE OF COLORADO
NOTARY ID 20124059560
MY COMMISSION EXPIRES SEPTEMBER 27, 2016