RESOURCE ENGINEERING INC.

Resource Engineering, Inc.
909 Colorado Avenue
Glenwood Springs, CO 81601
(970)-945-6777 Voice
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Memorandum

To: BWCD BOARD OF DIRECTORS
From: ERIC MANGEOT EFM
CC: CHRIS GEIGER
Date: MAY 10, 2006
File: APPLICATION
Re: DEE BLUE

K 494

Applicant Name: DEE BLUE

Type of Use: Domestic _X_ Commercial ___
Industrial ____ Agricultural ____

Amount: _0.4_ AF _0.033_ CFS _15_ gpm

Location: Area A _X_ Area B ____ Inclusion ____

County: _GARFIELD_ Contiguous: _NO_

BWCD Division: _4_

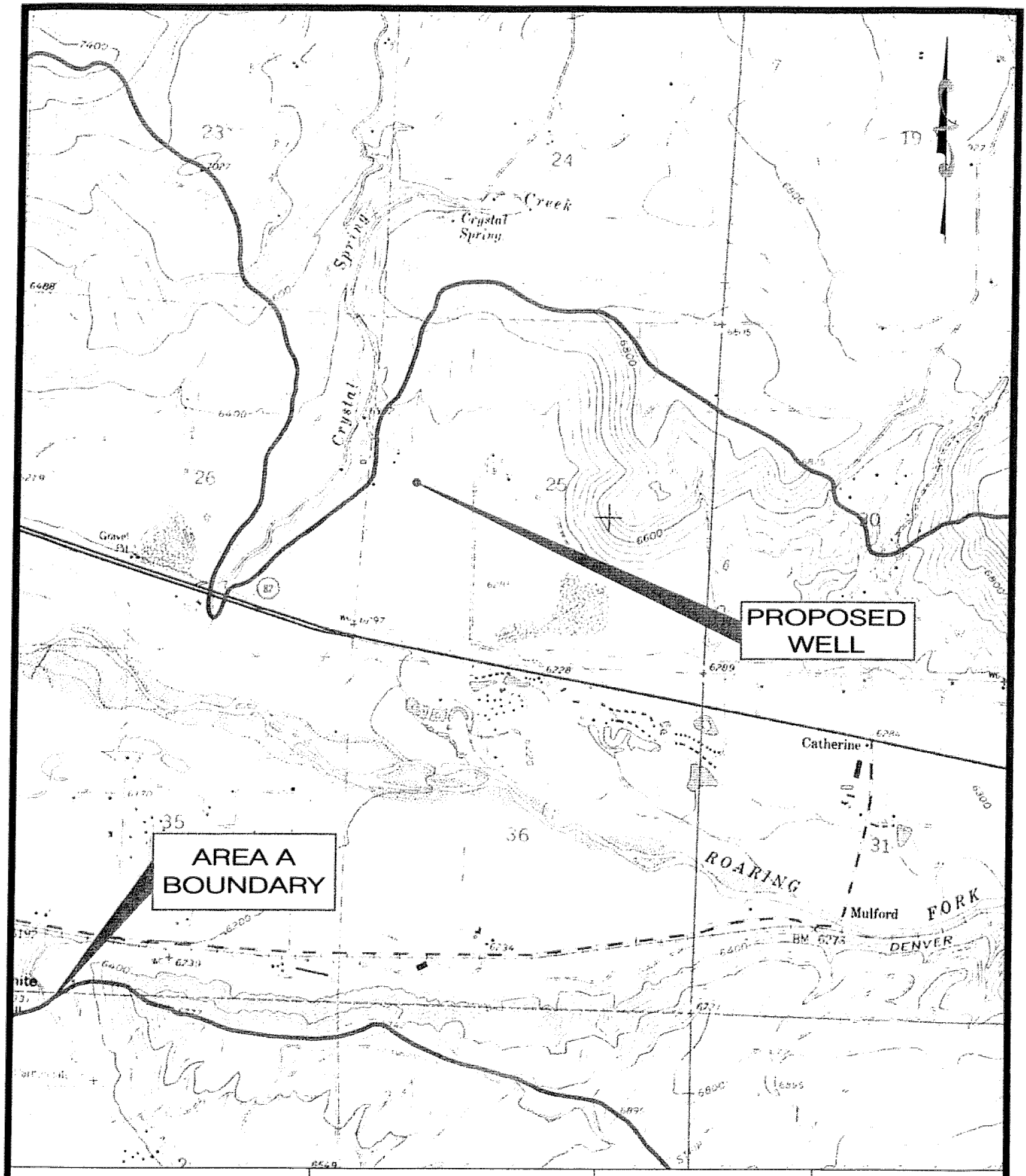
Mid Valley Metro District Notice Required?: Yes ___ No _X_

Blue Creek Water Rights Applied? Yes ___ No _X_

Comments: This application seeks a contract to cover depletions from a single family dwelling, 5,000 square feet of landscape irrigation, and 2 livestock from a proposed well. Total depletions will be approximately 0.4 AF annually.

The property is also known as Tract 3 of the Jean and Dee Blue Amended Subdivision Exemption Lot Line Adjustment Plat, located in Section 25, Township 7 South, Range 88 West, of the 6th P.M. east of Crystal Spring Road.

Based on the property location, it would be projected to be included in BWCD Division 4.



DATE: 05/10/06	JOB NUMBER: 033-7.2	CHECKED BY: RSF	SCALE: 1"=600'

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DEE BLUE
Location Map

FIGURE
1

Water User :	Dee Blue
Analysis Date :	May 10, 2006
District Area:	A
Source Series:	4
Maximum Demand:	15 (GPM) 0.033 (CFS)

BASALT WATER CONSERVANCY DISTRICT
WATER REQUIREMENTS
(acre feet)

Month	Total Demand (1) Domestic In-house	(2) Commercial or Other	(3) Lawn Irrigation	(4) Crop Irrigation	(5) Livestock	(6)* TOTAL	Consumptive Use (7) Domestic In-house	(8) Commercial or Other	(9) Lawn Irrigation	(10) Crop Irrigation	(11) Livestock	(12)* TOTAL	(13) Source of Aug/Replace
January	0.03	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.01	GNM
February	0.03	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.01	GNM
March	0.03	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.01	GNM
April	0.03	0.00	0.01	0.00	0.00	0.05	0.00	0.00	0.01	0.00	0.00	0.02	GNM
May	0.03	0.00	0.06	0.00	0.00	0.10	0.00	0.00	0.04	0.00	0.00	0.06	GNM
June	0.03	0.00	0.07	0.00	0.00	0.11	0.00	0.00	0.06	0.00	0.00	0.07	GNM
July	0.03	0.00	0.07	0.00	0.00	0.11	0.00	0.00	0.05	0.00	0.00	0.07	GNM
August	0.03	0.00	0.04	0.00	0.00	0.08	0.00	0.00	0.03	0.00	0.00	0.04	GNM
September	0.03	0.00	0.04	0.00	0.00	0.08	0.00	0.00	0.03	0.00	0.00	0.04	GNM
October	0.03	0.00	0.01	0.00	0.00	0.05	0.00	0.00	0.01	0.00	0.00	0.02	GNM
November	0.03	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.01	GNM
December	0.03	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.01	GNM
TOTALS -->	0.39	0.00	0.29	0.00	0.02	0.79	0.06	0.00	0.24	0.00	0.02	0.36	

Assumptions

(1)	NUMBER OF RESIDENCES	1	(5)	# of Livestock @ 11 gals/day	2
	# 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)	2.085
(3)	Sq. Ft. of Lawn Irrigated	5,000	(10)	% Crop Irrig. Efficiency	80
	Lawn Application Rate (af/ac)	2.606		Consumption of Irrig. (af/ac)	0.000
(4)	Acres of Crop Irrigated	0.00	(9-10)	Elevation (feet)	6200
	Crop Application Rate (af/ac)	0.000			

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

APPLICATION FOR WATER ALLOTMENT CONTRACT
BASALT WATER CONSERVANCY DISTRICT

1. Applicant(s) Name(s): *Dee Blue*

   Applicant(s) Address: *0404 County Road 104*
   Carbondale, CO 81623

   Applicant(s) Telephone No(s).: *(970) 963-2653*

   Attorney Info (Name, Address, Telephone and Fax Nos., E-mail):

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 of property on which District's water rights and/or Ruedi Reservoir contract water shall be used; Quarter, Quarter, Section, Township, Range (attach map and vesting deed with proof of ownership)*:

   32.45 acre tract of land located in W1/2 of Section 25, Township 7 South, Range 88 West, of the 6th P.M. in Garfield County, Colorado

4. Elevation zone 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): include Quarter Quarter, Section, Township, Range, bearing and distance from nearby Section corner. (Identify if well, spring, pipeline, etc.) If diversion point is a well, please provide the State Permit No. _____.

   Proposed Well located in the SW1/4 NW1/4 of Section 25, Township 7 South, Range 88 West, of the 6th P.M. in Garfield County Colorado 687 feet from East of the West Section Line and 2,526 feet South of the North Section Line.

6. Has Applicant applied with the Water Court for water rights, change of water rights and/or a water right plan for augmentation? _____ Yes, __X__ No; If yes, what is the Water Court Case:

7. Proposed waste water treatment system: (please check)

   _____ Tap to central waste water treatment facility
   __X__ Septic tank/leachfield system
   _____ Evapotranspiration system
   _____ Other: Not Applicable

8. Proposed use of water (please check)

   __X__ Domestic/Municipal (single family home(s), duplex(s), condominium(s), mobile home(s), apartment, hotel). Please complete page two of this application.
   _____ Commercial (office, warehouse, restaurant, bar, retail). Please complete page three of this application.
   _____ Industrial (gravel pit, manufacturing). Please complete page three of this application.
   _____ Agricultural (crop irrigation, stock watering). Please complete page four 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.)

The undersigned acknowledges receipt of the District's form Water Allotment contract and agrees that this Application is made pursuant to the terms and conditions thereof.

Dee Blue
Signature

5/11/06
Date

Print name: Dee Blue

Title: Owner

Please complete this page if you checked domestic/municipal use on Page 1, 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: _____

Hotel/Apartment(s) Number of Units/Rooms: _____

Mobil Home(s) Number of Units: _____

Irrigation (lawns, parks, open space)

Total area to be irrigated 5,000 Sq. Ft. or 0.115 Acres

Type of irrigation system (please check)

X Sprinkler

_____ Flood (irrigation ditch)

Domestic stock watering (cattle, horses)

Number of animals: 2

Period of use (months): 12

Other domestic/municipal uses not listed: